



**REPUBLIC OF TÜRKİYE MINISTRY OF ENVIRONMENT,
URBANIZATION, AND CLIMATE CHANGE**

CONSTRUCTION AND INSTALLATION UNIT PRICES FOR 2025

Higher Technical Board
Since 1934



REPUBLIC OF TÜRKİYE
MINISTRY OF ENVIRONMENT, URBANIZATION,
AND CLIMATE CHANGE

Higher Technical Board

1934

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AND CLIMATE CHANGE

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REPUBLIC OF TÜRKİYE
THE MINISTRY OF ENVIRONMENT, URBANISM
AND CLIMATE CHANGE
Directorate of Higher Technical Board

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NOTES:

- 1- This book was translated based on the “İnşaat ve Tesisat Birim Fiyatları” (Construction and Installation Unit Prices) documents published by the Ministry of Environment, Urbanism and Climate Change Directorate of Higher Technical Board. The Turkish version of the “Construction and Installation Unit Prices” document shall prevail in understanding and interpreting the English version and resolving any discrepancies.
- 2- All materials and products in the documents "Construction and Installation Unit Prices shall be in compliance with the standards and can be procured from Turkey.



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LABOR AND EQUIPMENT
MARKET PRICE LISTS FOR
THE UNIT PRICES FOR CONSTRUCTION
WORKS

2025



GENERAL PROVISIONS AND EXPLANATIONS FOR MARKET PRICES

1- Prepared as per Article 97, Paragraph 1, Point (k) regarding the Organization and Duties of Our Ministry of the Presidential Decree no. 1 on the Organization of the President's Office.

2- In case of a later change in the market price standards applied, the latest versions of the standards in effect shall apply. Furthermore, they have to be supplied to the market securely in compliance with the latest legislation in effect.

3- The materials and products in this list shall be used in compliance with the relevant legislations of Environment, Health, Occupational Safety, Fire, Structural Materials and similar other legislation. If the list does not refer to the relevant legislation or if there are hesitations as to the referred legislation, the legislation in effect shall be applicable.

4- The unit prices published and updated on an annual basis by our Ministry shall be taken as basis as per the following statement in the article 17, paragraph 9 of the Law No. 6446 on the Electricity Market:

As per the provision “Unit prices for ground destruction which may arise from the infrastructure works shall not exceed the unit prices published by the Ministry of Environment, Urbanization, and Climate Change,” unit prices updated and published every year by our Ministry shall apply in determining the cost of ground destruction. Nevertheless, if the unit prices to be taken into consideration are not available in the unit price lists of our Ministry, the unit prices of the General Directorate of Highways, the General Directorate of İlbank A.Ş. and the General Directorate of State Hydraulic Works shall be taken as basis in the order of priority mentioned herein.

5- In line with the Presidency’s 2053 Net Zero Emission Target, and in order to reduce the carbon emissions of construction materials to the lowest levels and promote the use of green cement, the material price of 10.130.1203 Portland Cement (Bagged) in the auxiliary analyses has been updated to 10.130.1209 Portland Limestone Cement (Bagged).

Accordingly, it is possible to update and use the auxiliary analyses by applying the relevant material prices of other cement classes, provided that they are of the same strength class and in bagged form, as an alternative to 10.130.1209 Portland Limestone Cement (Bagged).

6- In the market price lists, where item numbers have been amended, the new item numbers with identical definitions, if any, shall be used in place of the former ones.

7- The values stated in these lists are exclusive of VAT, contractor’s overheads, and profit.

(Effective as of January 1, 2025.)

MATERIAL GROUPS WITH COMPANIES HOLDING ENVIRONMENTAL LABELS

1	Ceramic Floor Tiles Product Group
2	Ceramic Wall Tiles Product Group
3	Glazed Tiles Product Group
4	Paint Product Group
5	Varnish Product Group
6	Bathroom Fixtures Product Group

Details on the Environmental Label and company information can be accessed at cevreetiketi.csb.gov.tr.

10.100.-Market Prices for Labor

Item No	Description	UoM	Market Price (TRY)
LABOR			
10.100.1001	Master stonemason	h	250,00
10.100.1002	Master floor tiler	h	250,00
10.100.1003	Master floor-and-wall tiler	h	250,00
10.100.1004	Master ceramic tiler	h	250,00
10.100.1005	Master marble tiler	h	250,00
10.100.1006	Master marble cutter	h	250,00
10.100.1007	Master mosaic tiler	h	250,00
10.100.1008	Master joiner	h	250,00
10.100.1009	Master carpenter	h	250,00
10.100.1010	Master of insulation	h	250,00
10.100.1011	Blaster (Blasting expert)	h	250,00
10.100.1012	Master plasterer	h	250,00
10.100.1013	Master bricklayer	h	250,00
10.100.1014	Master paver	h	250,00
10.100.1015	Concrete master	h	250,00
10.100.1016	Roof tiler	h	250,00
10.100.1017	Master builder	h	250,00
10.100.1018	Master blacksmith	h	250,00
10.100.1019	Master steel fixer	h	250,00
10.100.1020	Plasterboard master	h	250,00
10.100.1021	Master welder	h	250,00
10.100.1022	Master glazer	h	250,00
10.100.1023	Master painter	h	250,00
10.100.1024	Master whitewasher	h	250,00
10.100.1025	Master upholsterer	h	250,00
10.100.1026	Master tinsmith	h	250,00
10.100.1027	Master turner	h	250,00
10.100.1028	Master linoleum layer	h	250,00
10.100.1029	Master varnisher	h	250,00
10.100.1030	Timberman (does timbering work)	h	250,00
10.100.1031	Master coppersmith	h	250,00
10.100.1032	Master aluminum worker	h	250,00
10.100.1033	Gypsum board master	h	250,00
10.100.1034	Gypsum block master	h	250,00
10.100.1035	Scaffolding Construction Worker	h	250,00
10.100.1036	Panel Roofer	h	250,00
10.100.1037	Concrete Pump Operator	h	300,00
10.100.1038	Gypsum board master's helper	h	185,00
10.100.1039	Master mosaic tiler's helper	h	185,00
10.100.1040	Gypsum Block Master's Helper	h	185,00
10.100.1041	Master carpenter's helper	h	185,00
10.100.1042	Master of insulation's helper	h	185,00
10.100.1043	Plasterboard master's helper	h	185,00
10.100.1044	Master plasterer's helper	h	185,00
10.100.1045	Master bricklayer's helper	h	185,00
10.100.1046	Master blacksmith's helper	h	185,00

10.100.-Market Prices for Labor

Item No	Description	UoM	Market Price (TRY)
10.100.1047	Master steel fixer's helper	h	185,00
10.100.1048	Master varnisher's helper	h	185,00
10.100.1049	Master pipefitter's assistant	h	185,00
10.100.1050	Master pipefitter	h	250,00
10.100.1051	Driver	h	250,00
10.100.1052	Heavy truck driver	h	285,00
10.100.1053	Chief machinist repairman	h	360,00
10.100.1054	Machinist	h	250,00
10.100.1055	Machine operator	h	285,00
10.100.1056	Assistant machinist	h	210,00
10.100.1057	Assistant operator	h	240,00
10.100.1058	Assistant driver	h	200,00
10.100.1059	Greaser	h	185,00
10.100.1060	Foreman	h	360,00
10.100.1061	Surveyor	h	275,00
10.100.1062	Unskilled worker (Construction worker)	h	165,00
10.100.1063	Expert worker	h	200,00
10.100.1064	Apprentice	h	165,00
10.100.1065	Overseer	h	185,00
10.100.1066	Tinsmith's helper	h	185,00
10.100.1067	Tunnel timberman	h	240,00
10.100.1068	First class master	h	250,00
10.100.1069	First class mater's helper	h	185,00
10.100.1070	Second class master	h	240,00
10.100.1071	Second class master's helper	h	185,00
10.100.1072	Pulverizer operator	h	220,00
10.100.1073	Shotcrete (applies concrete by a lance)	h	220,00
10.100.1074	Master gardener and sapling expert	h	220,00
10.100.1075	Runway concrete pavement master (for airport construction)	h	250,00
10.100.1076	Chief driller	h	320,00
10.100.1077	Driller	h	305,00
10.100.1078	Pump technician	h	285,00
10.100.1079	Cook	h	265,00
10.100.1080	Assistant cook	h	240,00
10.100.1081	Master electrician	h	250,00
10.100.1082	Master installer	h	250,00
10.100.1083	Master electrician's helper	h	185,00
10.100.1084	Master installer's helper	h	185,00
10.100.1085	Tower crane operator	h	390,00
10.100.1086	Wood Formwork Master (Reinforced concrete)	h	250,00
10.100.1087	Tunnel Formwork Master (Reinforced concrete)	h	250,00
10.100.1088	Panel Formwork Master (Reinforced concrete)	h	250,00
10.100.1089	Metal Formwork Master (Reinforced concrete)	h	250,00
10.100.1090	Formwork Master's Helper	h	185,00
10.100.1091	Testing, Adjustment and Commissioning Specialist	h	700,00
PORT CONSTRUCTION (EXCLUDING ALL BUILDING CONSTRUCTION)			
10.100.1501	Dredger captain (close route captain)	h	435,00

10.100.-Market Prices for Labor

Item No	Description	UoM	Market Price (TRY)
10.100.1502	Dredger chief machinist	h	370,00
10.100.1503	Dredging expert	h	500,00
10.100.1504	Tugboat captain (Tugboat skipper)	h	340,00
10.100.1505	Tugboat machinist (Engineer)	h	340,00
10.100.1506	Self-propelled stone and mud collection barge captain (Port captain)	h	340,00
10.100.1507	Self-propelled stone and mud collection barge machinist (Engineer)	h	320,00
10.100.1508	Floating crane operator	h	320,00
10.100.1509	Dredger mate (Tugboat skipper)	h	320,00
10.100.1510	Dredger second machinist (Engineer)	h	360,00
10.100.1511	Boatswain	h	240,00
10.100.1512	Donkeyman	h	240,00
10.100.1513	Able seaman	h	235,00
10.100.1514	Ship greaser	h	235,00
10.100.1515	Diver's guide	h	235,00
10.100.1516	Chief cook	h	235,00
10.100.1517	Ship stoker	h	235,00
10.100.1518	Steward	h	210,00
10.100.1519	Sailor (Crew)	h	210,00
10.100.1520	Ship cleaner	h	210,00
10.100.1521	Ship assistant cook	h	210,00
10.100.1522	Diver	h	575,00

10.110.-Market Prices for Vehicles

Item No	Description	Market Price (TRY)
VEHICLES		
10.110.1001	Road carriage composed of three horses or mules (or five donkeys) (Daily) TRY	545,00
10.110.1002	Carriage coefficient for animal-drawn carts	330,00
10.110.1003	Motor vehicle carriage coefficient (K) for any type and tonnage:	1.750,00

10.120.-Market Prices for Construction Machinery and Vehicles

Item No	Description	Market Price (TRY)
CONSTRUCTION PLANTS AND EQUIPMENT		
10.120.1001	Excavators and dragline machines, 100-139 HP (1 yd ³)	3.500.000,00
10.120.1002	Excavators and dragline machines, 140-169 HP (1½ yd ³)	4.750.000,00
10.120.1003	Excavators and dragline machines, 170-209 HP (2 yd ³)	5.000.000,00
10.120.1004	Excavators and dragline machines, 210-259 HP (2½ yd ³)	6.500.000,00
10.120.1005	Crawler excavator (210-259 HP) (max. 2.5 m ³)	6.500.000,00
10.120.1006	Excavators and dragline machines, 260-299 HP (3 yd ³)	7.400.000,00
10.120.1007	Crawler excavator (260-299 HP) (max. 2.5 m ³)	7.400.000,00
10.120.1008	Excavator backhoe, approximately 125 HP (¾ – 15/8 yd ³)	4.800.000,00
10.120.1009	Crawler excavator (300-329 HP) (max. 3.5 m ³)	9.000.000,00
10.120.1010	Tractor-scraper (TD 20 or equivalent 111 HP+ Wagon bucket 8 yd ³)	2.600.000,00
10.120.1011	Tractor ripper (TD25 or equivalent, 185HP+ Ripper)	5.900.000,00
10.120.1012	Motor grader (Engine power higher than 80 HP, approximately 9 tons)	2.700.000,00
10.120.1013	Grader (190-209 HP)	8.300.000,00
10.120.1014	Grader (210-230 HP)	9.500.000,00
10.120.1015	Wheel tractor-scraper (approximately 250 HP 24 yd ³)	11.000.000,00
10.120.1016	Crawler bulldozer (70-HP engine + blade)	1.850.000,00
10.120.1017	Crawler bulldozer (100-HP engine + blade)	2.250.000,00
10.120.1018	Crawler bulldozer (160-HP engine + blade)	3.000.000,00
10.120.1019	Crawler bulldozer (TD 25 or equivalent, 185 HP + blade)	4.900.000,00
10.120.1020	Crawler bulldozer (285-HP engine + blade)	9.800.000,00
10.120.1021	Crawler bulldozer (345-HP engine + blade)	10.800.000,00
10.120.1022	Steam- or compressor-powered pile driver in complete form, coupled-automatic and with all accessories included (Approximately 50 HP engine power, 6-ton hammer, able to drive backward with 1/4 inclination, and forward with 1/10 inclination)	6.800.000,00
10.120.1023	Compressor (210-Cfm compressor + hose and guns)	700.000,00
10.120.1024	Ventilation machine (including 210-Cfm compressor + ventilation pipes and accessories)	760.000,00
10.120.1025	Compressor (250 HP)	2.300.000,00
10.120.1026	Grouting machine (210-Cfm compressor + injection pipes + supply tank)	760.000,00
10.120.1027	Compressor (250 Cfm + pneumatic pile driver + pneumatic drill + pneumatic nutrunner group + pickup or light duty truck)	950.000,00
10.120.1028	Grouting machine (with approximately 75 HP, 250 cfm capacity, injection pipes, supply tank)	165.000,00
10.120.1029	Backhoe loader (100 HP) (maximum 2.5 m ³)	3.100.000,00
10.120.1030	Loader (1½ yd ³ or 5500 lbs load carrying capacity, equivalent to approximately 80 HP, wheel)	1.800.000,00
10.120.1031	Loader (wheel) (100 HP) (maximum 2 m ³)	2.500.000,00
10.120.1032	Loader (traxcavator) (1½ yd ³ approximately 56 HP) (Crawler)	3.600.000,00
10.120.1033	Concrete mixer (approximately 250 L including engine)	118.000,00
10.120.1034	Concrete mixer (approximately 500 L including engine)	118.000,00
10.120.1035	Concrete mixer (approximately 1000 L including engine)	350.000,00
10.120.1036	Concrete mixer (approximately 1000 L including engine, semi-automatic)	350.000,00
10.120.1037	Mosaic floor grinding machine (Gasoline-powered)	47.500,00
10.120.1038	Road line remover machine (7.5 HP power, bicycle type)	487.000,00
10.120.1039	Sandblasting machine complete with all accessories	85.000,00
10.120.1040	Concrete vibrator (4 HP)	85.000,00

10.120.-Market Prices for Construction Machinery and Vehicles

Item No	Description	Market Price (TRY)
10.120.1041	Vibrator completely operating with a compressor	270.000,00
10.120.1042	Rock crusher (120 to 150 m ³ /h – 215 HP)	8.400.000,00
10.120.1043	Sieving machine (Approximately 70 HP, 3 or 4 stages, 100 m ³ /h capacity, vibrated, drawn type)	680.000,00
10.120.1044	Sieving machine, 70 HP, 100 m ³ /h	680.000,00
10.120.1045	Elevator, approximately 15 HP, 10 to 18 m length and 60 cm belt width	150.000,00
10.120.1046	Elevator, approximately 25 HP, 18 to 24 m length and 60 cm belt width	325.000,00
Approximately 50 mWC (total pumping head as meter) vertical-shaft deep well pumps with a dish, column group, threaded head and diesel engine		
10.120.1047	Ø: 0 to 10 L/sec (including 10)	125.000,00
10.120.1048	Ø: 10 to 20 L/sec (including 20)	165.000,00
10.120.1049	Ø: 20 to 40 L/sec (including 40)	200.000,00
10.120.1050	Ø: 40 to 80 L/sec (including 80)	370.000,00
	Note: The price shall be raised by 20% for each extra 10 m of mWC.	
10.120.1051	Water pump (5 PS power, approximately 50 mm in diameter)	14.500,00
10.120.1052	Water pump (10 HP)	22.500,00
10.120.1053	Water pump (15 PS power, approximately 100 mm in diameter)	35.000,00
10.120.1054	Water pump (20 PS power, approximately 125 mm in diameter)	62.000,00
10.120.1055	Water pump (30 PS power, approximately 135 mm in diameter)	120.000,00
10.120.1056	Water pump (45 PS power, approximately 150 mm in diameter)	170.000,00
10.120.1057	Water pump (60 PS power, approximately 200 mm in diameter)	200.000,00
10.120.1058	Mobile Concrete Pump (420 HP)	16.250.000,00
10.120.1059	Water Truck (with 5-ton water tank)	375.000,00
10.120.1060	Water Truck (Pick-up)	220.000,00
10.120.1061	Dump Truck (120 HP power, 7-ton capacity)	825.000,00
10.120.1062	Plunger water pumps with engine	82.000,00
10.120.1063	Every type (vibratory rammer) of plate compactor (Approx. 400 kg static weight, 9 HP)	71.000,00
10.120.1064	Vibratory roller (Vibratory roller with 4 to 5-ton (inclusive) static weight and 8 to 9-ton dynamic power + crawler tractor with approximately 35 to 58 HP)	1.400.000,00
10.120.1065	Vibratory roller (Roller with 4 to 5-ton (inclusive) static weight and 8 to 9-ton dynamic power + crawler tractor with approximately 41 to 56 HP)	1.600.000,00
10.120.1066	Vibratory roller (Roller with 5 to 6-ton (inclusive) static weight and 10 to 12-ton dynamic power + crawler tractor with approximately 45 to 61 HP)	1.650.000,00
10.120.1067	Vibratory roller (Roller with 6 to 7-ton (including 7 tons) static weight and 12 to 14-ton dynamic power + crawler tractor with approximately 50 to 60 HP)	2.500.000,00
10.120.1068	Vibratory roller (Roller with 7 to 9-ton (including 9 tons) static weight and 14 to 18-ton dynamic power + crawler tractor with approximately 56 to 76 HP)	2.800.000,00
10.120.1069	Vibratory roller (Roller with 9 to 11-ton (including 11 tons) static weight and 18 to 22-ton dynamic power + crawler tractor with approximately 66 to 86 HP)	3.650.000,00
10.120.1070	Vibratory roller (Roller with 11 to 13-ton (including 13 tons) static weight and 22 to 26-ton dynamic power + crawler tractor with approximately 76 to 96 HP)	3.900.000,00
10.120.1071	Vibratory roller (Roller with 13 to 15-ton (including 15 tons) static weight and 26 to 30-ton dynamic power + crawler tractor with approximately 90 to 110 HP)	4.250.000,00
10.120.1072	Complete pad foot roller (Total weight of 40-HP crawler tractor and drums shall be 4000 kg with 2-drum pad foot where each drum is min. 1.20-m long)	1.100.000,00
10.120.1073	Steel-drum roller (8 to 10 tons (including 10 tons), 2 or 3 wheels) (40 HP)	1.100.000,00
10.120.1074	Steel-drum roller (10 to 14 tons (including 14 tons), 2 or 3 wheels) (60 HP)	1.300.000,00

10.120.-Market Prices for Construction Machinery and Vehicles

Item No	Description	Market Price (TRY)
10.120.1075	Wheel roller (7 to 8 tons (inclusive) with tractor) (40 HP)	1.100.000,00
10.120.1076	Pull-behind wheel roller (8 to 10 tons (inclusive), without tractor)	460.000,00
10.120.1077	Wheel roller (self-moving) (60-80 HP, 21 tons of static weight)	1.450.000,00
10.120.1078	Wheel roller (self-moving) (80-100 HP, 35 tons of static weight)	2.000.000,00
10.120.1079	Wheel tractor (Approximately 45 HP, with plow and discs)	250.000,00
10.120.1080	Wheel tractor (Approximately 80 to 100 HP power)	440.000,00
10.120.1081	Aggregate silo (4 cells, 100 tons/h work rate)	270.000,00
10.120.1082	Aggregate silo (4 cells, 50 tons/h work rate)	175.000,00
10.120.1083	Cement silo (with approximately 80 to 100 m ³ air system)	220.000,00
10.120.1084	Small sieving plant (Capacity 40 tons/h) (30 HP)	1.150.000,00
10.120.1085	Mineral filler feeder (Diesel-powered)	130.000,00
10.120.1086	Large sieving plant (Capacity 100 tons/h)	2.500.000,00
10.120.1087	Trailer distributor (500 US gallons)	260.000,00
10.120.1088	Distributor (installed on a 1500-US gallon truck)	810.000,00
10.120.1089	Small asphalt drying machine (Plant with approximately 60-80 HP, 40 tons/h capacity)	1.200.000,00
10.120.1090	Large asphalt drying machine (Plant with approximately 100-120 HP, 100 tons/h capacity)	3.300.000,00
10.120.1091	Asphalt tank (with 40-ton heating system)	115.000,00
10.120.1092	40-m ³ fixed water tank	80.000,00
10.120.1093	Sweeping machine (9-feet, non-motorized, pull-behind, rotating drum)	80.000,00
10.120.1094	Vacuum sweeping machine (Approximately 130 HP + 81 HP)	3.200.000,00
10.120.1095	Thermoplastic road line marking machine and heater (Approximately 151 HP)	5.600.000,00
10.120.1096	Cold road line marking machine (Approximately 168 HP)	4.400.000,00
10.120.1097	Thermoplastic paint preheater (175 HP, truck-mounted, and equipped with a heating and stirring systems)	4.200.000,00
10.120.1098	Stone chip spreader (12-feet, non-motorized, pull-behind, equipped with a spreader roller)	95.000,00
10.120.1099	Road mixer (Approximately 100 HP power and 50 m ³ /h capacity)	1.200.000,00
10.120.1100	Pulvimixer (Approximately 50 HP power and 25 m ³ /h capacity, pull-behind)	260.000,00
10.120.1101	Pull-behind mixer (Approximately 22 HP. Capacity 5 tons/h.)	260.000,00
10.120.1102	Hot type small mixer (Approximately 60 to 80 HP. Capacity 40 tons/h.)	800.000,00
10.120.1103	Heating and stirring machine for preparing mastic asphalt (1 ton/hour capacity)	330.000,00
10.120.1104	Concrete/Asphalt curbing machine (10-15 HP power)	540.000,00
10.120.1105	Concrete/Asphalt curbing machine (20-30 HP)	1.600.000,00
10.120.1106	Large hot mixer (Approximately 100 tons/h capacity)	2.900.000,00
10.120.1107	Stabilization mixer (100 to 200-ton/h capacity, 80 to 120-HP power)	860.000,00
10.120.1108	Equipped with a mixer machine (15 HP) (For circulation sludge)	25.000,00

10.120.-Market Prices for Construction Machinery and Vehicles

Item No	Description	Market Price (TRY)
10.120.1109	Equipped with a mixer machine (75 HP) (For circulation sludge)	48.000,00
10.120.1110	Small finisher (Approximately 30 to 50 HP. Capacity 100 tons/h.) (Asphalt)	1.000.000,00
10.120.1111	Large finisher (Approximately 80 to 100 HP. Capacity 200 tons/h.) (Asphalt)	2.100.000,00
10.120.1112	Asphalt finisher with electronic sensors (Approximately 60 to 100 HP. Capacity 300 ton/h, 5 to 10-m ³ reservoir)	3.000.000,00
10.120.1113	Concrete finisher with approximately 70 HP and 50 m ³ /h capacity	6.000.000,00
10.120.1114	Channel Concrete Pavement Machine with Slip Form (50 m ³ /h capacity - 130 HP power)	18.000.000,00
10.120.1115	Aggregate spreading machine (Approximately 23 HP power and 25 m ³ /h capacity)	260.000,00
10.120.1116	Mechanical aggregate spreader (Bulldozer-drawn, with 3 to 4-meter spreading width)	100.000,00
10.120.1117	Vapor generator (Approximately 30-HP power, and with hoses that can heat 3 x 40-ton tanks in parallel)	400.000,00
10.120.1118	Asphalt pump (Approximately 25 HP, Capacity 50 ton/h, with 2 to 3-inch (including 3) hoses)	85.000,00
10.120.1119	Asphalt pump (Approximately 50 HP, Capacity 100 ton/h, with 2 to 6-inch including hoses)	110.000,00
10.120.1120	Pull-behind spreader box (0.50 m ² windrow section, drawn type)	32.000,00
10.120.1121	Aggregate washing plant (Approximately 30 HP, 25 m ³ /h capacity)	260.000,00
10.120.1122	Bored pile rig (200 HP)	11.000.000,00
10.120.1123	Bored pile rig (300 HP)	33.000.000,00
10.120.1124	Bored pile rig (440 HP)	41.000.000,00
10.120.1125	Scraper: Equipped with a 70-HP engine, for plants with approximately 8 yd ³ scraper wagons.	4.500.000,00
10.120.1126	Automatic concrete plant with 1000-liter capacity and 50 m ³ /h work rate (including radial scraper, star batcher, aggregate scale, forced concrete mixer loading bucket, forced concrete mixer + cement scale, water meter, pressure air equipment, maintenance platform, control cabinet, control panel, carrier structure, cement silo, cement conveyor)	2.500.000,00
10.120.1127	Prefabricated concrete paving block plant, overhead filling silo with 75 m ³ /h capacity, vibrating plate, 62 kW total engine power, molding, etc.	14.000.000,00
10.120.1128	Asphalt scraper machine (with 400 HP power, max. 2.05 m milling width, 0.15 m milling depth, and conveyor)	19.000.000,00
10.120.1129	Concrete pipe moving machine (at factory)	1.250.000,00
10.120.1130	Concrete pipe production machine	3.500.000,00
Rotary type water drilling machines (with equipment)		
10.120.1131	100 to 200 m drilling capacity	2.900.000,00
10.120.1132	400 to 500 m drilling capacity	7.000.000,00
10.120.1133	750 m drilling capacity	7.600.000,00
Rotary type foundation drilling machines (with equipment)		
10.120.1134	40 to 100 m drilling capacity	1.000.000,00
10.120.1135	200 to 250 m drilling capacity	1.350.000,00
10.120.1136	300 to 350 m drilling capacity	1.700.000,00
10.120.1137	500 m drilling capacity	1.900.000,00
10.120.1138	700 m drilling capacity	2.200.000,00
10.120.1139	960 m drilling capacity	2.600.000,00
10.120.1140	BPE 80 m and similar concrete pump with rotor system	6.000.000,00
10.120.1141	Drilling machine with hammering capability (100 to 150 m drilling capacity with the equipment) any diameter	1.800.000,00
10.120.1142	25 to 30 HP complete welding machine	180.000,00

10.120.-Market Prices for Construction Machinery and Vehicles

Item No	Description	Market Price (TRY)
10.120.1143	Power generator (min. 5 kW)	36.000,00
10.120.1144	Drilling machine with hammering capability (Non-motorized, 125-ton, water line: 1.85 m)	1.400.000,00
10.120.1145	Drilling machine with hammering capability (Non-motorized, 400-ton, water line: 2.5 m)	3.100.000,00
10.120.1146	Dredging rock barge for stone with hinged lid (Non-motorized, 300-ton, water line: 2.2 m)	3.100.000,00
10.120.1147	Chocked sand bollard (Non-motorized, 300 m³, water line: 2 m)	3.100.000,00
10.120.1148	Dredging sand barge with opening in the middle (Approximately 2 x 255 HP, motorized, 500-m³, water line: 3.40 M)	12.000.000,00
10.120.1149	Non-motorized lighter (180-ton, hoisting capacity: 5 tons, water line: 1 M)	5.600.000,00
10.120.1150	Diesel engine trailer (Approximately 116 HP, water line: 0.85 M)	2.300.000,00
10.120.1151	Diesel engine trailer (Approximately 240 HP, water line: 1.75 M)	5.200.000,00
10.120.1152	Diesel engine trailer (Approximately 310 HP, water line: 2 M)	5.400.000,00
10.120.1153	Diesel engine trailer (Approximately 525 HP, water line: 1.8 M)	14.000.000,00
10.120.1154	Diesel engine trailer (Approximately 2 x 300 HP, water line: 2.60 M)	15.000.000,00
10.120.1155	Coal-powered floating crane (Derrick) (60-ton, 1080 tons x M, max. 24 m guide rope, hoisting height: min. 16, max. 29 m)	14.000.000,00
10.120.1156	Manual lawnmower	2.500,00
10.120.1157	Motorized lawnmower	17.500,00
10.120.1158	Walking tractor for garden (11 HP power)	84.000,00
10.120.1159	Garden tractor (35 HP power)	170.000,00
10.120.1160	10-L lever-operated knapsack sprayer	1.800,00
10.120.1161	10-L motorized knapsack sprayer	10.000,00
10.120.1162	100-L, hand-drawn, motorized sprayer	26.000,00
10.120.1163	250-L, vehicle-drawn, motorized sprayer	43.000,00
10.120.1164	560-L, vehicle-drawn, motorized sprayer	75.000,00
10.120.1165	1200-L, motorized mobile sprayer	240.000,00
10.120.1166	2200-L, vehicle-carried, hydraulic Motorized pulverizer	185.000,00
	Note: Market prices of the Sprayers with other capacities in the items 10.120.1160 - 1161 - 1162 - 1163 - 1164 - 1165 - 1166 shall be interpolated.	
10.120.1167	Pressuremeter	550.000,00
10.120.1168	Pressuremeter probe (support)	30.000,00
10.120.1169	Pressuremeter probe rubber	3.200,00
10.120.1170	Special hose for pressuremeter	29.000,00
10.120.1171	Slotted tube for pressuremeter (Slotted driving pipe)	20.000,00
10.120.1172	Geophysical resistivity instrument	640.000,00
10.120.1173	Geophysical logging instrument	1.500.000,00
10.120.1174	Geophysical Seismic Reaction Instrument	1.850.000,00
10.120.1175	Crane (Truck-mounted)	610.000,00
10.120.1176	Gantry Crane (60 tons)	1.800.000,00
10.120.1177	Diesel-electric cutting-suction dredge vessel (Approximately 400 m³/h capacity, max. 16 m dredging depth, able to pump dredged materials to 800 m away or 6 m high)	105.000.000,00
10.120.1178	Refueler truck (215 HP) (For ongoing works)	5.600.000,00

10.120.-Market Prices for Construction Machinery and Vehicles

Item No	Description	Market Price (TRY)
10.120.1179	Grab bucket amphibious excavator (Approximately 180 HP, 3 yd ³ , able to move 4.5 tons 18 meters, max. lifting capacity as a crane: 15 tons)	10.000.000,00
10.120.1180	Amphibious excavator with reverse bucket (Backhoe) (About 225 HP, 3 m ³ bucket capacity, max. extension range: 9 m, max. excavating depth: 8.5 m)	20.000.000,00
10.120.1181	Pontoon (100-ton crane barge) (For ongoing works)	1.100.000,00
10.120.1182	Diver boat (Including a compressor, diver suit, hoses and accessories)	730.000,00
10.120.1183	Car trailer (Approximately 300 HP)	2.700.000,00
10.120.1184	Flume factory (2 m ³ /h capacity of prefabricated concrete)	21.500.000,00
10.120.1185	Ø150 - Ø800 mm steam-cured concrete and reinforced concrete pipe manufacturing plant (including all equipment)	26.500.000,00
10.120.1186	Ø900 - Ø1200 mm steam-cured concrete and reinforced concrete pipe manufacturing plant (including all equipment)	40.000.000,00
10.120.1187	Ø1400 - Ø1600 mm steam-cured concrete and reinforced concrete pipe manufacturing plant (including all equipment)	61.000.000,00
10.120.1188	Ø1800 - Ø2000 mm steam-cured concrete and reinforced concrete pipe manufacturing plant (including all equipment)	85.000.000,00
10.120.1189	Ø2200 - Ø2600 mm steam-cured concrete and reinforced concrete pipe manufacturing plant (including all equipment)	97.000.000,00
10.120.1190	Ø2800 - Ø3000 mm steam-cured concrete and reinforced concrete pipe manufacturing plant (including all equipment)	118.000.000,00
10.120.1191	Prefabricated inspection chamber manufacturing plant (including all equipment)	870.000,00
10.120.1192	Aluminum joinery workshop	3.150.000,00
10.120.1193	Plastic joinery workshop	3.000.000,00
10.120.1194	Iron joinery workshop	4.400.000,00
10.120.1195	Tunnel formwork workshop	4.500.000,00
10.120.1196	Woodwork shop	5.000.000,00
10.120.1197	Workshop for scaffolds made of prefabricated components (steel and aluminum)	3.200.000,00
10.120.1198	Mass Concrete Cooler/Heater (Complete System including a Compressor, Pump, Pipes and Valves) (12 Delivery and 12 Return Lines, Able to Generate Water at Desired Flow Rate and Temperature, and Generate Reports), 130 kW power	4.000.000,00
10.120.1199	Mass Concrete Cooler/Heater (Complete System including a Compressor, Pump, Pipes and Valves) (12 Delivery and 12 Return Lines, Able to Generate Water at Desired Flow Rate and Temperature, and Generate Reports), 200 kW power	5.400.000,00
10.120.1200	Coal-powered dredging vessel with bucket (500-L bucket volume, approximately 350 m ³ /h dredging capacity, able to dredge at 7 to 20-meter depth)	108.000.000,00
10.120.1201	Fuel-oil-powered sand dredger vessel (Approximately 600 m ³ /h capacity, max. 15 m suction depth, able to absorb sand with 1.5 to 4 mm grain diameter, storage volume: 600 m ³)	67.000.000,00
10.120.1202	6-meter-long, pressure-resistant hose, 4 inches in diameter (Used for cement stabilization and similar other works as well as pumping cement to the silo.)	1.800,00
10.120.1203	Joint Cutting Machine (Maximum cutting depth 160 mm - 12 HP) (Complete including knife, water tank, etc.)	125.000,00
10.120.1204	Helicopter trowel (9 HP) (Complete with a tray, 4 blades, etc.)	68.000,00
10.120.1205	Seamless Groove Machine, 1.5 HP, 1400 rpm, 220 V (12 m/min production speed)	220.000,00
10.120.1206	Welding machine (Approximately 300 amps)	40.000,00
10.120.1207	Spreader (400 m ³ /day) (for airport construction)	3.125.000,00
10.120.1208	Diesel-electric bucket dredger (500-L bucket volume, approximately 300 m ³ /h dredging capacity, able to dredge at 7 to 20-meter depth)	108.000.000,00
10.120.1209	Diesel-electric bucket dredger (250-L bucket volume, approximately 150 m ³ /h dredging capacity, able to dredge at 6.5 to 16-meter depth)	67.000.000,00

10.120.-Market Prices for Construction Machinery and Vehicles

Item No	Description	Market Price (TRY)
10.120.1210	Diesel-electric bucket dredger (750-L bucket volume, approximately 500 m³/h dredging capacity, able to dredge at 10 to 22-meter depth)	130.000.000,00
Floor Stabilization System Machines		
Deep Mixing Method Machines		
10.120.1211	Complete system including an Excavator (280 HP) + a Single-tank, Mobile Lime Silo (130 HP) + a Mixing Tip + a Compressor (60 HP)	52.000.000,00
10.120.1212	Complete system including an Excavator (280 HP) + a Double-tank, Mobile Lime Silo (130 HP) + a Mixing Tip + a Compressor (60 HP)	60.000.000,00
Surface Stabilization Method Machines		
10.120.1213	Mixer Crusher (600 HP)	45.000.000,00
10.120.1214	Lime Spreader (250 HP)	15.000.000,00
10.120.1215	Turning lathe (7.5 kW)	400.000,00
10.120.1216	Premixed plaster machine (7.5 kW)	1.100.000,00
10.120.1217	Truck mixer (with a 120-HP truck and a cement mixer with 4-m³ useful volume and 56-HP drive motor mounted on the truck)	3.600.000,00
10.120.1218	Drawn-type Concrete Pump (with a 75 HP power, 50 m³/h capacity and concrete delivery pipes)	3.000.000,00
10.120.1219	Crane (Rubber-tire hydraulic crane with 130 hp engine power, 8–25 m boom length, and approximately 25-ton lifting capacity)	13.000.000,00
10.120.1220	Crane (240-hp, rubber-tire mobile crane with 11 to 33.5-meter boom length and 55 to 60-ton average hoist capacity) (240-HP, rubber-tire mobile crane with 11 to 33.5-meter boom length and 55 to 60-ton average hoist capacity)	16.000.000,00
10.120.1221	Mobile crane (60 tons - 240 HP)	16.000.000,00
10.120.1222	Crane (270-HP, rubber-tire mobile crane with 16 to 36-meter boom length and 30-ton average hoist capacity)	14.500.000,00
10.120.1223	Crane (476-HP, rubber-tire mobile crane with 42 to 55-meter boom length and 80-ton average hoist capacity)	24.000.000,00
10.120.1224	Tower crane (height: 65 m, boom length: 65 m, max. capacity: 10 tons, traveling on rail) (TS ISO 4306-3)	18.000.000,00
10.120.1225	Blender	22.000,00
10.120.1226	Mobile air compressor (12 bars, 760 cfm)	5.250.000,00
10.120.1227	Crawler drilling rig (160 HP)	14.000.000,00
10.120.1228	Drilling rig with jet grouting equipment	31.000.000,00
10.120.1229	Pipe jacking machine using microtunneling system (160 kw boring power, 160 tons, 218 HP, Ø400mm to Ø1000mm)	37.000.000,00
10.120.1230	Pipe jacking machine using microtunneling system (250 to 1200-ton driving power, 340-HP, Ø1000 mm to Ø2600 mm)	155.000.000,00
Shotcrete machine		
10.120.1231	Theoretical dry mix spraying capacity: max. 10 m³/h	700.000,00
10.120.1232	Wet mix spraying capacity: max. 30 m³/h	6.750.000,00
10.120.1233	Theoretical wet and dry mix spraying capacity: max. 20 m³/h	8.000.000,00
10.120.1234	Axial Fan (3 x 75 kW frequency converter fan + 1000-m fan tube)	4.000.000,00
Tunnel Boring Machine (TBM)		
10.120.1235	TBM with max. 50 m² tunnel section, 2 x 75 kW electric motor power and electric hydraulic controller with two levers	20.000.000,00
10.120.1236	TBM with tunnel section above 50 m², 2 x 75 kW or up to 3 x 75 kW electric motor power and electric hydraulic controller with three levers	34.000.000,00
10.120.1237	Iron cutting and bending machine (including all accessories)	165.000,00
10.120.1238	Forklift (4 tons, 40 HP)	810.000,00
10.120.1239	Mobile crane (9 tons, 80 HP)	2.900.000,00
10.120.1240	Two-component insulation material dosage mixing machine (Complete system including spray guns, Hoses, Transfer Pumps, Electrical Panels, Compressors, Dryers, Any type of nozzle, etc.)	2.800.000,00

10.120.-Market Prices for Construction Machinery and Vehicles

Item No	Description	Market Price (TRY)
DRILLS AND BITS		
10.120.1241	Carbide tip (Hard mineral)	150,00
10.120.1242	Carbide-tipped crown drill bit	2.000,00
10.120.1243	Diamond drill bits (Carat percentage: 23)	5.500,00
10.120.1244	Drill (4 1/2 inches for drilling)	16.000,00
10.120.1245	Drill (9 7/8 inches for drilling)	65.000,00
10.120.1246	Drill (12 1/4 inches)	87.000,00
10.120.1247	Drill (15 inches)	105.000,00
10.120.1248	Drill (17 1/2 inches)	135.000,00
Diaphragm Wall Equipment		
10.120.1301	Grab Machine (Approximately 285 HP, with 60 to 65-meter boom length)	68.000.000,00
10.120.1302	Hydromill (Crawler excavator body - approximately 775 HP).	230.000.000,00
10.120.1303	Bentonite Unit - Mixing and Screening Unit (Desander) (Including silo and compressor)	54.000.000,00
10.120.1304	Scroll Pump (110 kw-450 m³/h)	7.000.000,00
High-Compression Finishers		
10.120.1351	High-Compaction Finisher with Electronic Sensor (for concrete roads) (Approx. 200–250 HP, 900–1100 t/h capacity, 5–10 m³ feed hopper)	15.500.000,00
Concrete Finishers with Slip Form (for concrete road)		
10.120.1352	Concrete Finisher with Slip Form (Approximately 240-300 HP, 6-14 m working width)	103.000.000,00
Surface Curing, Polishing and Roughening Machinery (For Concrete Road)		
10.120.1353	Surface Curing, Polishing and Roughening Machinery (Approximately 55-76 HP, 6-14 m working width)	17.000.000,00
Grout mix and mortar injection machinery		
10.120.1360	Grout mix and mortar injection pump machine (8.5 kwh)	312.000,00
Boron-Added Cellulose Wool Spraying Machine		
10.120.1371	Boron-added cellulose wool spraying machine (including dry unit, transfer pump, hoses, spray guns etc.) (6 Kwh)	200.000,00
10.120.1375	Asphalt transfer vehicle with rubber-tired steel conveyors, mixing and storage features, 25-ton mobile silo (310 hp)	25.000.000,00
Multi-Purpose Concrete Finisher with Slip Form		
10.120.1381	Multi-Purpose Concrete Finisher with Slip Form (Concrete curb, concrete barrier, V-Trench, concrete cable duct and pavement manufacturing in tunnels) (130 HP)	20.000.000,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
PRINCIPAL CONSTRUCTION MATERIALS				
AGGREGATES (TS 706 EN 12620+A1) (Loading, unloading and laying of sand, gravel and crushed stone are not included)				
10.130.1001	Gravel (coarse aggregate that does not need to be screened)	m ³	Warehouse	108,00
10.130.1002	Gravel (extracted from screened all-in aggregate materials, and washed)	m ³	Warehouse	270,00
10.130.1003	Gravel (extracted from screened from all-in aggregate materials, washed, and prepared by mixing minimum two of its classes)	m ³	Warehouse	306,00
10.130.1004	Sand (fine-grained aggregate that does not need to be screened)	m ³	Warehouse	110,00
10.130.1005	Sand (extracted from screened all-in aggregate materials, and washed)	m ³	Warehouse	272,00
10.130.1006	Sand (extracted from screened from all-in aggregate materials, washed, and prepared by mixing minimum two of its classes)	m ³	Warehouse	308,00
10.130.1007	Fine sand for plaster or grout (screened and washed)	m ³	Warehouse	345,00
10.130.1008	Crushed stone up to 32 mm	m ³	Warehouse	370,00
10.130.1009	Crushed stone up to 63 mm (prepared by mixing minimum two classes)	m ³	Warehouse	325,00
Coarse aggregate				
10.130.1021	Gravel (coarse aggregate that does not need to be screened) (machine-supplied) (19.100.2003) (price charged for 57% of the diesel fuel)	m ³	Quarry	106,27
10.130.1022	Gravel (extracted from screened all-in aggregate materials, and washed) (Machine-supplied) (19.100.2004) (price charged for 57% of the diesel fuel)	m ³	Quarry	268,92
10.130.1023	Gravel (extracted from screened from all-in aggregate materials, washed, and prepared by mixing minimum two of its classes) (Machine-supplied) (19.100.2006) (price charged for 57% of the diesel fuel)	m ³	Quarry	304,92
Fine aggregate				
10.130.1024	Sand (fine-grained aggregate that does not need to be screened) (Machine-supplied) (19.100.2003) (price charged for 57% of the diesel fuel)	m ³	Quarry	106,27
10.130.1025	Sand (extracted from screened all-in aggregate materials, and washed) (Machine-supplied) (19.100.2004) (price charged for 57% of the diesel fuel)	m ³	Quarry	268,92
10.130.1026	Sand (extracted from screened from all-in aggregate materials, washed, and prepared by mixing minimum two of its classes) (Machine-supplied)(19.100.2006) (price charged for 57% of the diesel fuel)	m ³	Quarry	304,92
10.130.1027	Fine sand for plaster or grout (screened and washed) (machine-supplied)(19.100.2007) (price charged for 57% of the diesel fuel)	m ³	Quarry	343,92
Crushed stone				
10.130.1028	Crushed stone up to 63 mm (prepared by mixing minimum two classes) (19.100.2016)	m ³	Quarry	319,50
10.130.1029	Crushed stone up to 32 mm (19.100.2017)	m ³	Quarry	366,47
Artificial Concrete Aggregates (TS 706 EN 12620+A1)				
10.130.1041	Iron cinder fine aggregate	m ³	Warehouse	47,00
10.130.1042	Iron cinder coarse aggregate	m ³	Warehouse	39,50
10.130.1043	Iron cinder mixed aggregate	m ³	Warehouse	43,00
Artificial Aggregate for Materials with Hydraulic Binder or without Binder Used for Road Building (TS EN 13242 + A1)				
10.130.1044	Iron cinder mixed aggregate	m ³	Warehouse	57,00
Silica Sand and Gravel				
10.130.1049	Silica (quartz) sand and gravel (TS EN 12904)	Kg	On the job	1,60
CEMENTS				

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.130.1201	Portland cement (Bagged) (TS EN 197-1 CEM I 42.5 N)	Tons	Factory	2.500,00
10.130.1202	Portland cement (Bulk) (TS EN 197-1 CEM I 42.5 N)	Tons	Factory	2.450,00
10.130.1203	Portland cement (Bagged) (TS EN 197-1 CEM I 42.5 R)	Tons	Factory	2.500,00
10.130.1204	Portland cement (Bulk) (TS EN 197-1 CEM I 42.5 R)	Tons	Factory	2.450,00
10.130.1205	Portland Slag Cement (Bagged) (TS EN 197-1 CEM II/A-S 42.5 R)	Tons	Factory	2.430,00
10.130.1206	Portland Slag Cement (Bulk) (TS EN 197-1 CEM II/A-S 42.5 R)	Tons	Factory	2.350,00
10.130.1207	Portland Pozzolan Cement (Bagged) (TS EN 197-1 CEM II/A-P 42.5 R)	Tons	Factory	2.450,00
10.130.1208	Portland Pozzolan Cement (Bulk) (TS EN 197-1 CEM II/A-P 42.5 R)	Tons	Factory	2.400,00
10.130.1209	Portland Limestone Cement (Bagged) (TS EN 197-1 CEM II/A-L 42.5 R)	Tons	Factory	2.250,00
10.130.1210	Portland Limestone Cement (Bulk) (TS EN 197-1 CEM II/A-L 42.5 R)	Tons	Factory	2.200,00
10.130.1211	Portland Limestone Cement (Bagged) (TS EN 197-1 CEM II/A-LL 42.5R)	Tons	Factory	2.500,00
10.130.1212	Portland Limestone Cement (Bulk) (TS EN 197-1 CEM II/A-LL 42.5R)	Tons	Factory	2.450,00
10.130.1213	Portland Limestone Cement (Bagged) TS EN 197-1 CEM II/B-LL 32.5 N	Tons	Factory	2.130,00
10.130.1214	Portland Limestone Cement (Bulk) TS EN 197-1 CEM II/B-LL 32.5 N	Tons	Factory	2.095,00
10.130.1215	Portland Limestone Cement (Bagged) (TS EN 197-1 CEM II/B-LL 32.5 R)	Tons	Factory	2.330,00
10.130.1216	Portland Limestone Cement (Bulk) (TS EN 197-1 CEM II/B-LL 32.5 R)	Tons	Factory	2.260,00
10.130.1217	Portland Composite Cement (Bagged) (TS EN 197-1 CEM II/A-M 42.5 N)	Tons	Factory	2.415,00
10.130.1218	Portland Composite Cement (Bulk) (TS EN 197-1 CEM II/A-M 42.5 N)	Tons	Factory	2.350,00
10.130.1219	Portland Composite Cement (Bagged) (TS EN 197-1 CEM II/A-M 42.5 R)	Tons	Factory	2.450,00
10.130.1220	Portland Composite Cement (Bulk) (TS EN 197-1 CEM II/A-M 42.5 R)	Tons	Factory	2.415,00
10.130.1221	Portland Composite Cement (Bagged) (TS EN 197-1 CEM II/B-M 32.5 N)	Tons	Factory	2.330,00
10.130.1222	Portland Composite Cement (Bulk) (TS EN 197-1 CEM II/B-M 32.5 N)	Tons	Factory	2.260,00
10.130.1223	Portland Composite Cement (Bagged) (TS EN 197-1 CEM II/B-M 32.5 R)	Tons	Factory	2.260,00
10.130.1224	Portland Composite Cement (Bulk) (TS EN 197-1 CEM II/B-M 32.5 R)	Tons	Factory	2.215,00
10.130.1225	Portland Composite Cement (Bagged) (TS EN 197-1 CEM II/B-M 42.5 R)	Tons	Factory	2.415,00
10.130.1226	Portland Composite Cement (Bulk) (TS EN 197-1 CEM II/B-M 42.5 R)	Tons	Factory	2.350,00
10.130.1227	Portland Slag Cement (Bagged) (TS EN 197-1 CEM III/A 32.5 N)	Tons	Factory	2.370,00
10.130.1228	Portland Slag Cement (Bulk) (TS EN 197-1 CEM III/A 32.5 N)	Tons	Factory	2.330,00
10.130.1229	Pozzolan Cement (Bagged) (TS EN 197-1 CEM IV/B 32.5 R)	Tons	Factory	2.260,00
10.130.1230	Pozzolan Cement (Bulk) (TS EN 197-1 CEM IV/B 32.5 R)	Tons	Factory	2.215,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.130.1231	Pozzolanic Cement (Bagged) (TS EN 197-1 CEM IV/B 32.5 N)	Tons	Factory	2.260,00
10.130.1232	Pozzolanic Cement (Bulk) (TS EN 197-1 CEM IV/B 32.5 N)	Tons	Factory	2.215,00
10.130.1233	White Portland Cement (Bagged) (TS EN 197-1 CEM-I 52.5 R)	Tons	Factory	4.450,00
10.130.1234	White Portland Cement (Bulk) (TS EN 197-1 CEM-I 52.5 R)	Tons	Factory	4.450,00
10.130.1235	White Portland Limestone Cement (Bagged) (TS EN 197-1 CEM II /B-LL 42.5 R)	Tons	Factory	4.450,00
10.130.1236	White Portland Limestone Cement (Bulk) (TS EN 197-1 CEM II /B-LL 42.5 R)	Tons	Factory	4.320,00
10.130.1237	Sulfate-Resisting Pozzolanic Cement (Bagged) (TS EN 197-1 CEM IV/B 32.5 R-SR)	Tons	Factory	2.500,00
10.130.1238	Sulfate-Resisting Pozzolanic Cement (Bulk) (TS EN 197-1 CEM IV/B 32.5 R-SR)	Tons	Factory	2.420,00
10.130.1239	Sulfate-Resisting Portland Cement (Bagged) (TS EN 197-1 CEM I 42.5 R-SR)	Tons	Factory	2.760,00
10.130.1240	Sulfate-Resisting Portland Cement (Bulk) (TS EN 197-1 CEM I 42.5 R-SR)	Tons	Factory	2.700,00
10.130.1241	Sulfate-Resisting Portland Cement (Bagged) (TS EN 197-1 CEM I 42.5 R SR5)	Tons	Factory	2.760,00
10.130.1242	Sulfate-Resisting Portland Cement (Bulk) (TS EN 197-1 CEM I 42.5 R SR5)	Tons	Factory	2.665,00
10.130.1243	Boron active belite cement (KPÇ 42.5) (Bagged) (TS 13353)	Tons	Factory	2.975,00
10.130.1244	Boron active belite cement (KPÇ 42.5) (Bulk) (TS 13353)	Tons	Factory	2.915,00
READY-MIX CONCRETE GROUTS (TS EN 206)				
REGULAR GRAY READY-MIX CONCRETE GROUTS				
10.130.1501	C 8/10 concrete grout	m³	On the job	1.950,00
10.130.1502	C 12/15 concrete grout	m³	On the job	2.050,00
10.130.1503	C 16/20 concrete grout	m³	On the job	2.150,00
10.130.1504	C 20/25 concrete grout	m³	On the job	2.250,00
10.130.1505	C 25/30 concrete grout	m³	On the job	2.350,00
10.130.1506	C 30/37 concrete grout	m³	On the job	2.450,00
10.130.1507	C 35/45 concrete grout	m³	On the job	2.550,00
10.130.1508	C 40/50 concrete grout	m³	On the job	2.650,00
10.130.1509	C 45/55 concrete grout	m³	On the job	2.750,00
10.130.1510	C 50/60 concrete grout	m³	On the job	2.850,00
	Note: The definition of regular gray ready-mix concrete grouts in this list covers regular gray ready-mix concrete grouts derived from any Portland and Pozzolanic Cement except Refractory Cement, White Cement, Sulphate-Resisting Cement, Boron Active Belite Cement. Excluding pump cost.			
REGULAR WHITE READY-MIX CONCRETE GROUTS				
10.130.1521	C 8/10 white concrete grout	m³	On the job	2.350,00
10.130.1522	C 12/15 white concrete grout	m³	On the job	2.450,00
10.130.1523	C 16/20 white concrete grout	m³	On the job	2.550,00
10.130.1524	C 20/25 white concrete grout	m³	On the job	2.650,00
10.130.1525	C 25/30 white concrete grout	m³	On the job	2.750,00
10.130.1526	C 30/37 white concrete grout	m³	On the job	3.000,00
10.130.1527	C 35/40 white concrete grout	m³	On the job	3.250,00
10.130.1528	C 40/50 white concrete grout	m³	On the job	3.500,00
10.130.1529	C 45/55 white concrete grout	m³	On the job	3.750,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.130.1530	C 50/60 white concrete grout	m³	On the job	4.000,00
	Note: Regular white concrete grouts in this list cover regular white concrete grouts derived from White Concrete with minimum 85% whiteness in terms of its Y value under the CIE system as per TS EN 197-1 and TS 21. Excluding pump cost.			
GRAY, READY-MIX, LIGHT CONCRETE GROUTS				
10.130.1541	LC 8/9 light concrete grout	m³	On the job	1.900,00
10.130.1542	C 12/13 light concrete grout	m³	On the job	2.000,00
10.130.1543	C 16/18 light concrete grout	m³	On the job	2.130,00
10.130.1544	C 20/22 light concrete grout	m³	On the job	2.240,00
	Note: The definition of light, gray ready-mix concrete grouts in this list covers lightweight, gray, ready-mix concrete grouts derived from any Portland and Pozzolanic Cement except Refractory Cement, White Cement, Sulphate-Resisting Cement, Boron Active Belite Cement. Excluding pump cost.			
PERMEABLE GRAY CONCRETE GROUTS (Permeability Ratio: 15 to 35%)				
10.130.1561	Permeable concrete grout	m³	On the job	1.960,00
	Note: The definition of permeable, gray ready-mix concrete grouts in this list covers permeable, gray, ready-mix concrete grouts derived from any Portland and Pozzolanic Cement except Refractory Cement, White Cement, Sulphate-Resisting Cement, Boron Active Belite Cement.			
READY-MIX CONCRETE GROUT FOR ROLLER-COMPACTED CONCRETE ROADS				
10.130.1571	relating to concrete grout for roller-compacted concrete roads (for the desired pressure resistance above C30/37)	m³	On the job	2.450,00
CONCRETE REINFORCING BARS (TS 708)				
10.130.1701	Concrete reinforcing bar, plain, Ø6 mm (S220) (İskenderun)	Kg	Factory	19,80
10.130.1702	Reinforcing steel bar, plain, Ø8 - Ø10 - Ø12 mm (S220)	Kg	Factory	19,70
10.130.1703	Reinforcing steel bar, plain, Ø14 to Ø50 mm (S220)	Kg	Factory	19,70
10.130.1704	Reinforcing steel bar, ribbed Ø8-12 mm (S420, B420B-C, B500B-C)	Kg	Factory	21,00
10.130.1705	Reinforcing steel bar, ribbed Ø14-32 mm (S420, B420B-C, B500B-C)	Kg	Factory	21,00
10.130.1706	Ø80-100 mm steel (DIN c 35)	Kg	On the job	41,00
10.130.1707	Flats (TS EN 10058)	Kg	Factory	22,50
10.130.1708	Hot-rolled profile irons (S235 JR) (I-U-T-Omega) (TS 910, TS 911 EN 10055, TS 912)	Kg	Factory	22,50
10.130.1709	Hot-rolled brackets (S235 JR) (TS EN 10056-1,2)	Kg	Factory	22,50
10.130.1710	Steel sheet pile profile	Tons	On the job	29.350,00
10.130.1711	Steel pig	Kg	Factory	16,00
STEEL MESH				
10.130.1751	Ribbed Welded Wire Mesh (TS 4559) (weight/m² 3.01-10.00 kg)	Kg	Warehouse	22,50
10.130.1752	Ribbed Welded Wire Mesh (TS 4559) (weight/m² 1.50-3.00 kg)	Kg	Warehouse	22,80
10.130.1753	Ribbed Welded Wire Mesh (Flume Mesh) (TS 4559)	Kg	Warehouse	22,80
10.130.1754	Factory-made B.A. beam iron (Thin-cell beam or a similar item)	Kg	Warehouse	23,75
RIBBED CONCRETE REINFORCEMENT BARS MADE OF GLASS FIBER-REINFORCED POLYMER (TS 13816) (Cut and bent in any size as per the relevant project, and ready to be in its designated location)				
10.130.1771	Ø4 mm	Tons	On the job	37.800,00
10.130.1772	Ø6 mm	Tons	On the job	36.750,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.130.1773	Ø8 - 26 mm	Tons	On the job	34.650,00
Reinforcements Used in Concrete Coatings (TS EN 13877-3)				
10.130.1801	Ø25 - Ø32 mm Epoxy Coated Flat Concrete Coating Steel Bars	Kg	On the job	36,00
10.130.1802	Ø33 - Ø38 mm Epoxy Coated Flat Concrete Coating Steel Bars	Kg	On the job	35,70
10.130.1803	Ø39 - Ø44 mm Epoxy Coated Flat Concrete Coating Steel Bars	Kg	On the job	35,60
10.130.1804	Ø12 - Ø20 mm Epoxy Coated Ribbed Concrete Coating Steel Bars	Kg	On the job	44,50
BRICKS				
Horizontally perforated P unit bricks (TS EN 771-1+A1) (length x width x height)				
10.130.2001	190 x 85 x 190-mm horizontally perforated brick	Qty	Factory	4,40
10.130.2002	190 x 135 x 190-mm horizontally perforated brick	Qty	Factory	5,40
10.130.2003	250 x 100 x 200-mm horizontally perforated brick	Qty	Factory	6,00
10.130.2004	200 x 100 x 200-mm horizontally perforated brick	Qty	Factory	5,15
10.130.2005	250 x 120 x 200-mm horizontally perforated brick	Qty	Factory	7,10
10.130.2006	250 x 120 x 250-mm horizontally perforated brick	Qty	Factory	9,60
10.130.2007	235 x 240 x 185-mm horizontally perforated brick	Qty	Factory	13,00
10.130.2008	290 x 240 x 185-mm horizontally perforated brick	Qty	Factory	15,70
10.130.2009	250 x 250 x 135-mm horizontally perforated brick	Qty	Factory	9,85
10.130.2010	250 x 250 x 200-mm horizontally perforated brick	Qty	Factory	15,65
10.130.2011	350 x 250 x 200-mm horizontally perforated brick	Qty	Factory	20,95
10.130.2012	235 x 135 x 240-mm horizontally perforated brick	Qty	Factory	9,70
10.130.2013	240 x 135 x 250-mm horizontally perforated brick	Qty	Factory	9,85
10.130.2014	240 x 190 x 250-mm horizontally perforated brick	Qty	Factory	13,70
10.130.2015	240 x 135 x 190-mm horizontally perforated brick	Qty	Factory	7,10
10.130.2016	235 x 240 x 190-mm horizontally perforated brick	Qty	Factory	13,00
10.130.2017	190 x 190 x 135-mm horizontally perforated, interlocking brick	Qty	Factory	5,40
10.130.2018	240 x 250 x 135-mm horizontally perforated, interlocking brick	Qty	Factory	9,85
10.130.2019	235 x 250 x 135-mm horizontally perforated brick	Qty	Factory	8,00
10.130.2020	235 x 250 x 185-mm horizontally perforated brick	Qty	Factory	10,45
10.130.2021	235 x 100 x 235-mm horizontally perforated brick	Qty	Factory	6,50
10.130.2022	250 x 100 x 250-mm horizontally perforated brick	Qty	Factory	7,55
10.130.2023	250 x 150 x 250-mm horizontally perforated brick	Qty	Factory	12,15
10.130.2024	250 x 200 x 250-mm horizontally perforated brick	Qty	Factory	15,65
10.130.2025	280 x 85 x 190-mm horizontally perforated brick	Qty	Factory	5,65
10.130.2026	280 x 100 x 190-mm horizontally perforated brick	Qty	Factory	6,65
10.130.2027	280 x 135 x 190-mm horizontally perforated brick	Qty	Factory	9,00
Vertically perforated P unit bricks (TS EN 771-1+A1) (Class W Tongue and Groove Insulation Bricks - Gross Dry Bulk Density 600-800 kg/m³) (length x width x height)				
10.130.2031	240 x 115 x 235 mm vertically perforated brick	Qty	Factory	12,95
10.130.2032	240 x 145 x 235 mm vertically perforated brick	Qty	Factory	15,65
10.130.2033	240 x 175 x 235 mm vertically perforated brick	Qty	Factory	18,65
10.130.2034	290 x 190 x 235 mm vertically perforated brick	Qty	Factory	24,80
10.130.2035	240 x 240 x 235 mm vertically perforated brick	Qty	Factory	26,35
10.130.2036	240 x 250 x 235 mm vertically perforated brick	Qty	Factory	27,40
10.130.2037	240 x 300 x 235 mm vertically perforated brick	Qty	Factory	32,65
10.130.2038	250 x 200 x 235 mm vertically perforated brick	Qty	Factory	18,65
10.130.2039	250 x 150 x 235 mm vertically perforated brick	Qty	Factory	17,45

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.130.2040	250 x 200 x 190 mm vertically perforated brick	Qty	Factory	18,35
10.130.2041	250 x 250 x 190 mm vertically perforated brick	Qty	Factory	19,70
10.130.2042	250 x 250 x 235 mm vertically perforated brick	Qty	Factory	28,50
10.130.2043	250 x 280 x 190 mm vertically perforated brick	Qty	Factory	25,95
10.130.2044	250 x 300 x 190 mm vertically perforated brick	Qty	Factory	27,70
10.130.2045	290 x 190 x 190 mm vertically perforated brick	Qty	Factory	18,90
Vertically perforated P unit bricks (TS EN 771-1+A1) (Class AB - Gross Dry Bulk Density 650 - 750 kg/m³) (length x width x height)				
10.130.2131	290 x 190 x 135 mm vertically perforated brick	Qty	Factory	11,05
10.130.2132	390 x 190 x 190 mm vertically perforated brick	Qty	Factory	19,95
10.130.2133	290 x 240 x 135 mm vertically perforated brick	Qty	Factory	13,25
10.130.2134	390 x 190 x 135 mm vertically perforated brick	Qty	Factory	14,20
10.130.2135	290 x 240 x 190 mm vertically perforated brick	Qty	Factory	18,90
10.130.2136	390 x 240 x 190 mm vertically perforated brick	Qty	Factory	25,40
Vertically perforated facing bricks (TS EN 771-1+A1) (U unit) (length x width x height)				
10.130.2191	190 x 90 x 50-mm vertically perforated facing bricks	Qty	Factory	10,30
10.130.2192	190 x 90 x 85-mm vertically perforated facing bricks	Qty	Factory	16,75
10.130.2193	215 x 102 x 65-mm vertically perforated facing bricks	Qty	Factory	20,15
Vertically perforated bricks (TS EN 771-1+A1) (U unit) (length x width x height)				
10.130.2201	290 x 190 x 135 mm vertically perforated brick	Qty	Factory	13,70
Clay brick (TS EN 771-1+A1) (length x width x height)				
10.130.2211	190 x 90 x 50-mm solid clay brick	Qty	Factory	5,15
10.130.2212	190 x 90 x 50-mm perforated blend bricks	Qty	Factory	5,15
Hollow tile flooring filler bricks (TS 1261) (height x length x width)				
10.130.2221	200 x 200 x 400-mm flooring filler bricks	Qty	Factory	19,45
10.130.2222	225 x 200 x 400-mm hollow flooring filler bricks	Qty	Factory	21,80
10.130.2223	250 x 200 x 400-mm hollow flooring filler bricks	Qty	Factory	23,90
10.130.2224	275 x 200 x 400-mm hollow flooring filler bricks	Qty	Factory	26,50
10.130.2225	300 x 200 x 400-mm flooring filler bricks	Qty	Factory	28,50
10.130.2226	325 x 200 x 400-mm hollow flooring filler bricks	Qty	Factory	31,00
10.130.2227	350 x 200 x 400-mm flooring filler bricks	Qty	Factory	33,35
10.130.2228	200 x 350 x 200-mm flooring filler bricks	Qty	Factory	17,00
10.130.2229	200 x 350 x 250-mm flooring filler bricks	Qty	Factory	20,00
Hollow tile flooring beam bricks (height x length x width)				
10.130.2241	120 x 200 x 530-mm flooring beam filler bricks	Qty	Factory	12,15
10.130.2242	160 x 200 x 530-mm hollow flooring beam bricks	Qty	Factory	16,35
10.130.2243	200 x 200 x 530-mm hollow flooring beam bricks	Qty	Factory	20,50
10.130.2244	250 x 200 x 530-mm hollow flooring beam bricks	Qty	Factory	25,40
10.130.2245	300 x 200 x 530-mm hollow flooring beam bricks	Qty	Factory	30,80
10.130.2246	120 x 200 x 330-mm hollow flooring beam bricks	Qty	Factory	7,85
10.130.2247	160 x 200 x 330-mm hollow flooring beam bricks	Qty	Factory	10,25
10.130.2248	200 x 200 x 330-mm hollow flooring beam bricks	Qty	Factory	12,95
10.130.2249	250 x 200 x 330-mm hollow flooring beam bricks	Qty	Factory	16,35
10.130.2250	300 x 200 x 330-mm hollow flooring beam bricks	Qty	Factory	18,90

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
Masonry Exterior Chimney Bricks (TS EN 771-1+A1)				
10.130.2261	190 x 190 x 190-mm round chimney brick	Qty	Factory	13,20
10.130.2262	250 x 250 x 190-mm round chimney brick	Qty	Factory	22,80
10.130.2263	260 x 260 x 190-mm round chimney brick	Qty	Factory	25,00
10.130.2264	300 x 300 x 190-mm round chimney brick	Qty	Factory	32,70
10.130.2265	240 x 240 x 190-mm square chimney brick	Qty	Factory	20,80
10.130.2266	250 x 250 x 190-mm square chimney brick	Qty	Factory	22,95
10.130.2267	240 x 190 x 190-mm rectangular chimney brick	Qty	Factory	16,90
10.130.2268	300 x 190 x 190-mm rectangular chimney brick	Qty	Factory	20,80
10.130.2269	390 x 190 x 190-mm shunt chimney brick	Qty	Factory	27,50
10.130.2270	460 x 190 x 190-mm shunt chimney brick	Qty	Factory	32,30
10.130.2271	350 x 350 x 190-mm round fireplace bricks	Qty	Factory	44,90
10.130.2272	300 x 200 x 190-mm rectangular fireplace bricks	Qty	Factory	21,60
10.130.2273	300 x 400 x 190-mm rectangular chimney brick	Qty	Factory	44,00
Facing Bricks (TS EN 1304)				
10.130.2281	15-mm-thick, any size, red (surface area: $\leq 0.04 \text{ m}^2$)	m^2	On the job	869,00
10.130.2282	15-mm-thick, any size, brown (surface area: $\leq 0.04 \text{ m}^2$)	m^2	On the job	981,00
10.130.2283	15-mm-thick, any size, yellow (surface area: $\leq 0.04 \text{ m}^2$)	m^2	On the job	981,00
10.130.2284	15-mm thick, any size, white (surface area $\leq 0.04 \text{ m}^2$)	m^2	On the job	1.215,00
10.130.2285	15-mm thick, any size, gray (surface area $\leq 0.04 \text{ m}^2$)	m^2	On the job	1.291,00
10.130.2286	15-mm thick, any size, a mixture of different tones of colors (surface area $\leq 0.04 \text{ m}^2$)	m^2	On the job	1.215,00
10.130.2287	15-mm-thick, any size, red (surface area: $\leq 0.04 \text{ m}^2$)	m^2	On the job	981,00
10.130.2288	15-mm-thick, any size, brown (surface area: $> 0.04 \text{ m}^2$)	m^2	On the job	1.061,00
10.130.2289	15-mm-thick, any size, yellow (surface area: $> 0.04 \text{ m}^2$)	m^2	On the job	1.104,00
10.130.2290	15-mm thick, any size, white (surface area $> 0.04 \text{ m}^2$)	m^2	On the job	1.327,00
10.130.2291	15-mm thick, any size, gray (surface area $> 0.04 \text{ m}^2$)	m^2	On the job	1.517,00
10.130.2292	15-mm thick, any size, a mixture of different tones of colors (surface area $> 0.04 \text{ m}^2$)	m^2	On the job	1.327,00
Curtain Wall Bricks (TS EN 1304)				
10.130.2311	16 to 30-mm-thick, any size, red (surface area: $\leq 0.15 \text{ m}^2$)	m^2	On the job	1.327,00
10.130.2312	16 to 30-mm-thick, any size, brown (surface area: $\leq 0.15 \text{ m}^2$)	m^2	On the job	1.408,00
10.130.2313	16 to 30-mm-thick, any size, yellow (surface area: $\leq 0.15 \text{ m}^2$)	m^2	On the job	1.437,00
10.130.2314	16 to 30-mm-thick, any size, white (surface area: $\leq 0.15 \text{ m}^2$)	m^2	On the job	1.676,00
10.130.2315	16 to 30-mm-thick, any size, gray (surface area: $\leq 0.15 \text{ m}^2$)	m^2	On the job	1.861,00
10.130.2316	16 to 30-mm thick, any size, a mixture of different tones of colors (surface area $\leq 0.15 \text{ m}^2$)	m^2	On the job	1.676,00
10.130.2317	16 to 30-mm-thick, any size, red (surface area: $> 0.15 \text{ m}^2$)	m^2	On the job	1.514,00
10.130.2318	16 to 30-mm-thick, any size, brown (surface area: $> 0.15 \text{ m}^2$)	m^2	On the job	1.591,00
10.130.2319	16 to 30-mm-thick, any size, yellow (surface area: $> 0.15 \text{ m}^2$)	m^2	On the job	1.630,00
10.130.2320	16 to 30-mm-thick, any size, white (surface area: $> 0.15 \text{ m}^2$)	m^2	On the job	1.861,00
10.130.2321	16-30-mm thick, any size, gray (surface area $> 0.15 \text{ m}^2$)	m^2	On the job	2.007,00
10.130.2322	16-30-mm thick, any size, a mixture of different tones of colors (surface area $> 0.15 \text{ m}^2$)	m^2	On the job	1.676,00
Floor Bricks (TS EN 1344) (Breaking load class T4, Abrasion resistance class A3, Slip/skid resistance class U3)				
10.130.2341	210 x 105 x 40-mm floor bricks (red)	Qty	Factory	16,30
10.130.2342	210 x 105 x 50-mm floor bricks (red)	Qty	Factory	18,90
10.130.2343	210 x 105 x 65-mm floor bricks (red)	Qty	Factory	22,30

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.130.2344	210 x 105 x 40-mm floor bricks (brown)	Qty	Factory	17,30
10.130.2345	210 x 105 x 50-mm floor bricks (brown)	Qty	Factory	20,60
10.130.2346	210 x 105 x 65-mm floor bricks (brown)	Qty	Factory	23,90
10.130.2347	210 x 105 x 40-mm floor bricks (yellow)	Qty	Factory	26,60
10.130.2348	210 x 105 x 50-mm floor bricks (yellow)	Qty	Factory	31,00
10.130.2349	210 x 105 x 65-mm floor bricks (yellow)	Qty	Factory	35,00
EPS-insulated (EPS min. density 16 kg/m³) Sandwich Bricks (TS EN 771-1 + A1) (UTO) (Prices of other thicknesses shall be interpolated.)				
10.130.2401	15-cm thick	m ²	On the job	422,00
10.130.2402	20-cm thick	m ²	On the job	534,00
10.130.2403	25 cm thick	m ²	On the job	692,00
Glass Wool-insulated Sandwich Bricks (TS EN 771-1 + A1) (UTO) (Prices of other thicknesses shall be interpolated.)				
10.130.2421	10-cm thick	m ²	On the job	858,00
10.130.2422	20-cm thick	m ²	On the job	1.000,00
10.130.2423	25 cm thick	m ²	On the job	1.290,00
Reinforced Brick Lintels (In any height)				
10.130.2441	8.5 to 10 cm of thickness	m	On the job	702,00
10.130.2442	12 to 13.5 cm of thickness	m	On the job	780,00
10.130.2443	14.5 to 16 cm of thickness	m	On the job	815,00
10.130.2444	18.5 to 20 cm of thickness	m	On the job	892,00
10.130.2445	23.5 to 25 cm of thickness	m	On the job	984,00
Reinforced Brick Lintels with Insulation Layer (In any height)				
10.130.2454	18.5 to 20 cm of thickness	m	On the job	984,00
10.130.2499	Ready-Made Masonry Mortar (TS EN 998-2)	Kg	On the job	2,70
AAC BUILDING MATERIALS AND BUILDING ELEMENTS				
Unreinforced AAC wall blocks (2.50 N/mm² and 400 kg/m³) (TS EN 771-4+A1)				
10.130.2501	Unreinforced AAC wall blocks	m ³	Factory	1.778,00
10.130.2502	7.5-cm-thick, unreinforced AAC wall block	m ²	Factory	133,40
10.130.2503	8.5-cm-thick, unreinforced AAC wall block	m ²	Factory	151,20
10.130.2504	9-cm-thick, unreinforced AAC wall block	m ²	Factory	160,00
10.130.2505	10-cm-thick, unreinforced AAC wall block	m ²	Factory	177,90
10.130.2506	12.5-cm-thick, unreinforced AAC wall block	m ²	Factory	222,30
10.130.2507	13.5-cm-thick, unreinforced AAC wall block	m ²	Factory	240,15
10.130.2508	15-cm-thick, unreinforced AAC wall block	m ²	Factory	266,80
10.130.2509	17.5-cm-thick, unreinforced AAC wall block	m ²	Factory	311,30
10.130.2510	19-cm-thick, unreinforced AAC wall block	m ²	Factory	337,95
10.130.2511	20-cm-thick, unreinforced AAC wall block	m ²	Factory	355,75
10.130.2512	22.5-cm-thick, unreinforced AAC wall block	m ²	Factory	400,20
10.130.2513	25-cm-thick, unreinforced AAC wall block	m ²	Factory	444,70
10.130.2514	27.5-cm-thickness, unreinforced AAC wall block	m ²	Factory	489,15
10.130.2515	30-cm-thick, unreinforced AAC wall block	m ²	Factory	533,60
10.130.2516	32.5-cm-thickness, unreinforced AAC wall block	m ²	Factory	578,00
10.130.2517	35-cm-thick, unreinforced AAC wall block	m ²	Factory	622,50
Unreinforced AAC wall blocks (3.50 N/mm² and 500 kg/m³) (TS EN 771-4+A1)				

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.130.2531	Unreinforced AAC wall blocks	m ³	Factory	1.998,00
10.130.2532	7.5-cm-thick, unreinforced AAC wall block	m ²	Factory	149,86
10.130.2533	8.5-cm-thick, unreinforced AAC wall block	m ²	Factory	169,85
10.130.2534	9-cm-thick, unreinforced AAC wall block	m ²	Factory	179,83
10.130.2535	10-cm-thick, unreinforced AAC wall block	m ²	Factory	199,81
10.130.2536	12.5-cm-thick, unreinforced AAC wall block	m ²	Factory	249,77
10.130.2537	13.5-cm-thick, unreinforced AAC wall block	m ²	Factory	269,75
10.130.2538	15-cm-thick, unreinforced AAC wall block	m ²	Factory	299,71
10.130.2539	17.5-cm-thick, unreinforced AAC wall block	m ²	Factory	349,67
10.130.2540	19-cm-thick, unreinforced AAC wall block	m ²	Factory	379,64
10.130.2541	20-cm-thick, unreinforced AAC wall block	m ²	Factory	399,62
10.130.2542	22.5-cm-thick, unreinforced AAC wall block	m ²	Factory	449,60
10.130.2543	25-cm-thick, unreinforced AAC wall block	m ²	Factory	499,52
10.130.2544	27.5-cm-thickness, unreinforced AAC wall block	m ²	Factory	549,48
10.130.2545	30-cm-thick, unreinforced AAC wall block	m ²	Factory	599,42
10.130.2546	32.5-cm-thickness, unreinforced AAC wall block	m ²	Factory	649,38
10.130.2547	35-cm-thick, unreinforced AAC wall block	m ²	Factory	699,33
Unreinforced AAC wall blocks (5.00 N/mm² and 600 kg/m³) (TS EN 771-4+A1)				
10.130.2561	Unreinforced AAC wall blocks	m ³	Factory	2.115,00
10.130.2562	7.5-cm-thick, unreinforced AAC wall block	m ²	Factory	158,69
10.130.2563	8.5-cm-thick, unreinforced AAC wall block	m ²	Factory	179,85
10.130.2564	9-cm-thick, unreinforced AAC wall block	m ²	Factory	190,43
10.130.2565	10-cm-thick, unreinforced AAC wall block	m ²	Factory	211,58
10.130.2566	12.5-cm-thick, unreinforced AAC wall block	m ²	Factory	264,49
10.130.2567	13.5-cm-thick, unreinforced AAC wall block	m ²	Factory	285,64
10.130.2568	15-cm-thick, unreinforced AAC wall block	m ²	Factory	317,38
10.130.2569	17.5-cm-thick, unreinforced AAC wall block	m ²	Factory	370,28
10.130.2570	19-cm-thick, unreinforced AAC wall block	m ²	Factory	402,01
10.130.2571	20-cm-thick, unreinforced AAC wall block	m ²	Factory	423,17
10.130.2572	22.5-cm-thick, unreinforced AAC wall block	m ²	Factory	476,07
10.130.2573	25-cm-thick, unreinforced AAC wall block	m ²	Factory	528,96
10.130.2574	27.5-cm-thickness, unreinforced AAC wall block	m ²	Factory	581,86
10.130.2575	30-cm-thick, unreinforced AAC wall block	m ²	Factory	634,75
10.130.2576	32.5-cm-thickness, unreinforced AAC wall block	m ²	Factory	687,65
10.130.2577	35-cm-thick, unreinforced AAC wall block	m ²	Factory	740,54
Unreinforced AAC wall blocks (≥ 2.00 N/mm² and 350 kg/m³) (TS EN 771-4+A1)				
10.130.2591	Unreinforced AAC wall blocks	m ³	Factory	1.896,00
10.130.2592	7.5-cm-thick, unreinforced AAC wall block	m ²	Factory	142,27
10.130.2593	8.5-cm-thick, unreinforced AAC wall block	m ²	Factory	161,64
10.130.2594	9-cm-thick, unreinforced AAC wall block	m ²	Factory	170,73
10.130.2595	10-cm-thick, unreinforced AAC wall block	m ²	Factory	189,70
10.130.2596	12.5-cm-thick, unreinforced AAC wall block	m ²	Factory	237,12
10.130.2597	13.5-cm-thick, unreinforced AAC wall block	m ²	Factory	256,09
10.130.2598	15-cm-thick, unreinforced AAC wall block	m ²	Factory	284,54
10.130.2599	17.5-cm-thick, unreinforced AAC wall block	m ²	Factory	331,97
10.130.2600	19-cm-thick, unreinforced AAC wall block	m ²	Factory	360,42

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.130.2601	20-cm-thick, unreinforced AAC wall block	m ²	Factory	379,39
10.130.2602	22.5-cm-thick, unreinforced AAC wall block	m ²	Factory	426,82
10.130.2603	25-cm-thick, unreinforced AAC wall block	m ²	Factory	474,25
10.130.2604	27.5-cm-thickness, unreinforced AAC wall block	m ²	Factory	521,66
10.130.2605	30-cm-thick, unreinforced AAC wall block	m ²	Factory	569,09
10.130.2606	32.5-cm-thickness, unreinforced AAC wall block	m ²	Factory	616,51
10.130.2607	35-cm-thick, unreinforced AAC wall block	m ²	Factory	663,94
AAC hollow blocks (2.50 N/mm² and 400 kg/m³) (TS EN 771-4+A1)				
10.130.2621	AAC hollow blocks	m ³	Factory	1.750,00
10.130.2622	15-cm-high AAC hollow block	m ²	Factory	262,31
10.130.2623	17,5-cm-high AAC hollow block	m ²	Factory	306,03
10.130.2624	20-cm-high AAC hollow block	m ²	Factory	349,75
10.130.2625	22,5-cm-high AAC hollow block	m ²	Factory	393,47
10.130.2626	25-cm-high AAC hollow block	m ²	Factory	437,19
10.130.2627	27,5-cm-high AAC hollow block	m ²	Factory	480,91
10.130.2628	30-cm-high AAC hollow block	m ²	Factory	524,63
Reinforced AAC lintel (3.50 N/mm² and 500 kg/m³) (TS EN 845-2+A1)				
10.130.2641	Reinforced AAC lintel	m ³	Factory	5.248,00
10.130.2642	7.5-cm-thick, reinforced AAC lintel	m ²	Factory	393,60
10.130.2643	8.5-cm-thick, reinforced AAC lintel	m ²	Factory	446,08
10.130.2644	9-cm-thick, reinforced AAC lintel	m ²	Factory	472,32
10.130.2645	10-cm-thick, reinforced AAC lintel	m ²	Factory	524,08
10.130.2646	12.5-cm-thick, reinforced pumice concrete lintel	m ²	Factory	656,00
10.130.2647	13.5-cm-thick, reinforced AAC lintel	m ²	Factory	708,48
10.130.2648	15-cm-thick, reinforced AAC lintel	m ²	Factory	787,20
10.130.2649	17.5-cm-thick, reinforced AAC lintel	m ²	Factory	918,40
10.130.2650	19-cm-thick, reinforced AAC lintel	m ²	Factory	997,12
10.130.2651	20-cm-thick, reinforced AAC lintel	m ²	Factory	1.049,60
10.130.2652	22.5-cm-thick, reinforced pumice concrete lintel	m ²	Factory	1.180,80
10.130.2653	25-cm-thick, reinforced AAC lintel	m ²	Factory	1.312,00
10.130.2654	27.5-cm-thickness, reinforced AAC lintel	m ²	Factory	1.443,20
10.130.2655	30-cm-thick, reinforced AAC lintel	m ²	Factory	1.574,40
10.130.2656	32.5-cm-thickness, reinforced AAC lintel	m ²	Factory	1.705,60
10.130.2657	35-cm-thick, reinforced AAC lintel	m ²	Factory	1.836,80
Reinforced AAC lintel (5.00 N/mm² and 600 kg/m³) (TS EN 845-2+A1)				
10.130.2671	Reinforced AAC lintel	m ³	Factory	5.544,00
10.130.2672	7.5-cm-thick, reinforced AAC lintel	m ²	Factory	415,87
10.130.2673	8.5-cm-thick, reinforced AAC lintel	m ²	Factory	471,32
10.130.2674	9-cm-thick, reinforced AAC lintel	m ²	Factory	499,05
10.130.2675	10-cm-thick, reinforced AAC lintel	m ²	Factory	554,50
10.130.2676	12.5-cm-thick, reinforced pumice concrete lintel	m ²	Factory	693,12
10.130.2677	13.5-cm-thick, reinforced AAC lintel	m ²	Factory	748,57
10.130.2678	15-cm-thick, reinforced AAC lintel	m ²	Factory	831,74
10.130.2679	17.5-cm-thick, reinforced AAC lintel	m ²	Factory	970,37
10.130.2680	19-cm-thick, reinforced AAC lintel	m ²	Factory	1.053,54
10.130.2681	20-cm-thick, reinforced AAC lintel	m ²	Factory	1.108,99

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.130.2682	22.5-cm-thick, reinforced pumice concrete lintel	m ²	Factory	1.247,62
10.130.2683	25-cm-thick, reinforced AAC lintel	m ²	Factory	1.386,24
10.130.2684	27.5-cm-thickness, reinforced AAC lintel	m ²	Factory	1.524,36
10.130.2685	30-cm-thick, reinforced AAC lintel	m ²	Factory	1.663,49
10.130.2686	32.5-cm-thickness, reinforced AAC lintel	m ²	Factory	1.802,11
10.130.2687	35-cm-thick, reinforced AAC lintel	m ²	Factory	1.940,70
Reinforced AAC flooring component (5.00 N/mm² and 600 kg/m³) (TS EN 12602)				
10.130.2701	Reinforced AAC flooring component	m ³	Factory	5.248,00
10.130.2702	10-cm-thick reinforced AAC flooring	m ²	Factory	524,80
10.130.2703	12.5-cm-thick reinforced AAC flooring	m ²	Factory	656,00
10.130.2704	15-cm-thick reinforced AAC flooring	m ²	Factory	787,20
10.130.2705	17.5-cm-thick reinforced AAC flooring	m ²	Factory	918,40
10.130.2706	20-cm-thick reinforced AAC flooring	m ²	Factory	1.049,60
10.130.2707	22.5-cm-thick reinforced AAC flooring	m ²	Factory	1.180,80
10.130.2708	25-cm-thick reinforced AAC flooring	m ²	Factory	1.312,00
10.130.2709	27.5-cm-thick reinforced AAC flooring	m ²	Factory	1.443,20
Reinforced AAC roofing component (3.50 N/mm² and 500 kg/m³) (TS EN 12602)				
10.130.2721	Reinforced AAC roofing component	m ³	Factory	4.669,00
10.130.2722	10-cm-thick reinforced AAC roofing	m ²	Factory	466,94
10.130.2723	12,5-cm-thick, reinforced AAC roofing	m ²	Factory	583,68
10.130.2724	15-cm-thick, reinforced AAC roofing	m ²	Factory	700,42
10.130.2725	17,5-cm-thick, reinforced AAC roofing	m ²	Factory	817,15
10.130.2726	20-cm-thick, reinforced AAC roofing	m ²	Factory	933,89
Reinforced AAC roofing component (5.00 N/mm² and 600 kg/m³) (TS EN 12602)				
10.130.2731	Reinforced AAC roofing component	m ³	Factory	5.248,00
10.130.2732	10-cm-thick reinforced AAC roofing	m ²	Factory	524,80
10.130.2733	12,5-cm-thick, reinforced AAC roofing	m ²	Factory	656,00
10.130.2734	15-cm-thick, reinforced AAC roofing	m ²	Factory	787,20
10.130.2735	17,5-cm-thick, reinforced AAC roofing	m ²	Factory	918,40
10.130.2736	20-cm-thick, reinforced AAC roofing	m ²	Factory	1.049,60
Reinforced AAC wall component (3.50 N/mm² and 500 kg/m³) (TS EN 12602)				
10.130.2741	Reinforced AAC wall component	m ³	Factory	4.669,44
10.130.2742	10-cm-thick, reinforced AAC wall component	m ²	Factory	466,94
10.130.2743	12.5-cm-thick, reinforced AAC wall component	m ²	Factory	583,68
10.130.2744	15-cm-thick, reinforced AAC wall component	m ²	Factory	700,42
10.130.2745	17.5-cm-thick, reinforced AAC wall component	m ²	Factory	817,15
10.130.2746	20-cm-thick, reinforced AAC wall component	m ²	Factory	933,89
10.130.2747	22.5-cm-thick, reinforced AAC wall component	m ²	Factory	1.050,62
10.130.2748	25-cm-thick, reinforced AAC wall component	m ²	Factory	1.167,36
10.130.2749	27.5-cm-thick, reinforced AAC wall component	m ²	Factory	1.284,10
10.130.2750	30-cm-thick, reinforced AAC wall component	m ²	Factory	1.400,83
Reinforced AAC wall component (5.00 N/mm² and 600 kg/m³) (TS EN 12602)				
10.130.2761	Reinforced AAC wall component	m ³	Factory	5.544,96
10.130.2762	10-cm-thick, reinforced AAC wall component	m ²	Factory	554,50

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.130.2763	12.5-cm-thick, reinforced AAC wall component	m ²	Factory	693,12
10.130.2764	15-cm-thick, reinforced AAC wall component	m ²	Factory	831,74
10.130.2765	17.5-cm-thick, reinforced AAC wall component	m ²	Factory	970,37
10.130.2766	20-cm-thick, reinforced AAC wall component	m ²	Factory	1.108,99
10.130.2767	22.5-cm-thick, reinforced AAC wall component	m ²	Factory	1.247,62
10.130.2768	25-cm-thick, reinforced AAC wall component	m ²	Factory	1.386,24
10.130.2769	27.5-cm-thick, reinforced AAC wall component	m ²	Factory	1.524,86
10.130.2770	30-cm-thick, reinforced AAC wall component	m ²	Factory	1.663,49
Unreinforced AAC insulation panels (2.50 N/mm² and 400 kg/m³) (TS EN 771-4+A1)				
10.130.2781	Unreinforced AAC insulation panels	m ³	Factory	1.896,96
10.130.2782	5-cm-thick, unreinforced AAC insulation slab	m ²	Factory	94,85
10.130.2783	7,5-cm-thick, unreinforced AAC insulation slab	m ²	Factory	142,27
10.130.2784	8,5-cm-thick, unreinforced AAC insulation slab	m ²	Factory	161,24
10.130.2785	10-cm-thick, unreinforced AAC insulation slab	m ²	Factory	189,70
10.130.2786	12,5-cm-thick, unreinforced AAC insulation slab	m ²	Factory	237,12
10.130.2787	15-cm-thick, unreinforced AAC insulation slab	m ²	Factory	284,54
10.130.2788	17.5-cm-thick, unreinforced AAC insulation slab	m ²	Factory	331,97
10.130.2789	20-cm-thick, unreinforced AAC insulation slab	m ²	Factory	379,39
10.130.2790	AAC adhesive	Kg	On the job	5,76
PUMICE CONCRETE BUILDING ELEMENTS				
Non-carrier pumice concrete wall blocks (TS EN 771-3+A1) min. 1.5 N/mm² and Exposed Dry Bulk Density 600-900 kg/m³ (excluding 900)				
10.130.2901	9-cm-thick, non-carrier pumice concrete wall block	m ²	Factory	76,00
10.130.2902	10-cm-thick, non-carrier pumice concrete wall block	m ²	Factory	87,00
10.130.2903	13,5-cm-thick, non-carrier pumice concrete wall block	m ²	Factory	115,00
10.130.2904	15-cm-thick, non-carrier pumice concrete wall block	m ²	Factory	130,00
10.130.2905	17,5-cm-thick, non-carrier pumice concrete wall block	m ²	Factory	152,00
10.130.2906	19-cm-thick, non-carrier pumice concrete wall block	m ²	Factory	166,00
10.130.2907	25-cm-thick, non-carrier pumice concrete wall block	m ²	Factory	217,00
10.130.2908	30-cm-thick, non-carrier pumice concrete wall block	m ²	Factory	254,00
Carrier pumice concrete wall blocks (TS EN 771-3+A1) min. 5 N/mm² and min. Exposed Dry Bulk Density 900 kg/m³				
10.130.2921	10-cm-thick, carrier pumice concrete wall block	m ²	Factory	101,00
10.130.2922	15-cm-thick, carrier pumice concrete wall block	m ²	Factory	150,00
10.130.2923	19-cm-thick, carrier pumice concrete wall block	m ²	Factory	184,00
Pumice concrete hollow blocks (TS 407)				
10.130.2931	20-cm-high pumice concrete hollow block	m ²	Factory	142,00
10.130.2932	22-cm-high pumice concrete hollow block	m ²	Factory	157,00
10.130.2933	23-cm-high pumice concrete hollow block	m ²	Factory	164,00
10.130.2934	25-cm-high pumice concrete hollow block	m ²	Factory	178,00
10.130.2935	28-cm-high pumice concrete hollow block	m ²	Factory	195,00
10.130.2936	30-cm-high pumice concrete hollow block	m ²	Factory	215,00
10.130.2937	32-cm-high pumice concrete hollow block	m ²	Factory	229,00
10.130.2938	35-cm-high pumice concrete hollow block	m ²	Factory	246,00
Unreinforced pumice concrete lintel (TS 407)				
10.130.2951	10-cm-thick, reinforced pumice concrete lintel	m ²	Factory	362,00
10.130.2952	13,5-cm-thick, reinforced pumice concrete lintel	m ²	Factory	507,00
10.130.2953	15-cm-thick, reinforced pumice concrete lintel	m ²	Factory	567,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.130.2954	19-cm-thick, reinforced pumice concrete lintel	m ²	Factory	727,00
10.130.2955	Pumice concrete binding glue	Kg	On the job	4,92
Non-carrier, Light Aggregate Concrete Masonry Units (Gross Dry Bulk Density: 300 - 600 kg/m³) (TS EN 771-3+A1)				
10.130.3001	9-cm thick	m ²	Factory	82,00
10.130.3002	14-cm thick	m ²	Factory	125,00
10.130.3003	19-cm thickness	m ²	Factory	171,00
10.130.3004	24-cm thick	m ²	Factory	214,00
10.130.3005	29-cm thick	m ²	Factory	248,00
Non-carrier, Light Aggregate Concrete Masonry Units with Four Pores Filled (Gross Dry Bulk Density: 745 kg/m³) (TS EN 771-3 + A1) + (UTO)				
10.130.3052	15-cm thick	m ²	On the job	156,00
10.130.3054	19-cm thickness	m ²	On the job	171,00
10.130.3056	22.5-cm thickness	m ²	On the job	200,00
LIGHTWEIGHT SANDWICH MASONRY UNITS WITH AN INSULATION LAYER (EPS density min. 16 kg/m³) (TS 13565)				
10.130.3101	Total thickness of 14 cm, min. EPS thickness of Wall block with 5.5 cm thickness and a compressive strength of 2.5 N/mm ²	m ²	On the job	314,00
10.130.3102	Total thickness of 15 cm, min. EPS thickness of Wall block with 6 cm thickness and a compressive strength of 0.9 N/mm ²	m ²	On the job	156,00
10.130.3103	Total thickness of 19 cm, min. EPS thickness of Wall block with 6 cm thickness and a compressive strength of 0.9 N/mm ²	m ²	On the job	168,00
10.130.3104	Total thickness of 19,5 cm, min. EPS thickness of Wall block with 8.5 cm thickness and a compressive strength of 2.5 N/mm ²	m ²	On the job	370,00
10.130.3105	Total thickness of 20 cm, min. EPS thickness of Wall block with 6 cm thickness and a compressive strength of 1.0 N/mm ²	m ²	On the job	171,00
10.130.3106	14-cm-thick lintel	m ²	On the job	2.011,00
10.130.3107	19.5-cm-thick lintel	m ²	On the job	2.315,00
10.130.3108	Total thickness of 20 cm, min. EPS thickness of 13 cm hollow block	m ²	On the job	316,00
10.130.3109	Total thickness of 22,5 cm, min. EPS thickness of 14 cm hollow block	m ²	On the job	329,00
10.130.3110	Total thickness of 25 cm, min. EPS thickness of 15 cm hollow block	m ²	On the job	336,00
Rock Wool Density Min. 40 kg/m³ (TS 13565)				
10.130.3151	Total thickness of 14.5 cm, min. Stone Wool thickness of 5 cm, maximum thermal conductivity of 0.110 W/(m.K) wall block	m ²	On the job	247,00
10.130.3152	Total thickness of 19,5 cm, min. Stone Wool thickness of 9 cm, maximum thermal conductivity of 0.110 W/(m.K) wall block	m ²	On the job	329,00
10.130.3153	Total thickness of 24,5 cm, min. Stone Wool thickness of 13 cm, maximum thermal conductivity of 0.110 W/(m.K) wall block	m ²	On the job	374,00
10.130.3154	Total thickness of 29,5 cm, min. Stone Wool thickness of 15 cm, maximum thermal conductivity of 0.110 W/(m.K) wall block	m ²	On the job	462,00
10.130.3171	Total thickness of 14.5 cm, min. Stone Wool thickness of 5 cm, acoustic insulation min. 32 dB. wall block	m ²	On the job	316,00
10.130.3172	Total thickness of 19,5 cm, min. Stone Wool thickness of 9 cm, acoustic insulation min. 35 dB. wall block	m ²	On the job	386,00
10.130.3173	Total thickness of 24,5 cm, min. Stone Wool thickness of 13 cm, acoustic insulation min. 42 dB. wall block	m ²	On the job	450,00
10.130.3174	Total thickness of 29,5 cm, min. Stone Wool thickness of 15 cm, acoustic insulation min. 44 dB. wall block	m ²	On the job	526,00
LIME-SANDSTONE WALL BLOCKS (TS EN 771-2+A1)				
10.130.3201	37.5 x 11.5 x 19 cm dimensions	Qty	On the job	3,35
10.130.3202	37.5 x 19 x 19 cm	Qty	On the job	5,65
10.130.3203	37.5 x 24 x 19 cm	Qty	On the job	6,30

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
GYPSUM BLOCKS (TS EN 12859)				
10.130.3251	8-cm-thick, hollow gypsum block	m ²	On the job	144,00
10.130.3252	10-cm-thick, hollow gypsum block	m ²	On the job	166,00
OTHER SHEET AND BLOCK PRODUCTS				
10.130.3301	Panels and blocks made of expanded perlite (TS EN 13169+A1)	m ³	On the job	819,00
10.130.3401	Non-carrier foam concrete masonry units (TS 13565)	m ³	On the job	531,00
10.130.3501	EPS-added concrete blocks and panels (TS 13565)	m ³	On the job	1.336,00
10.130.3521	EPS-added concrete block glue	Kg	On the job	3,62
10.130.3522	Lightweight Concrete Block (Thermal conductivity ≤ 0.044 W/(m.K)) (UTO)	m ³	On the job	3.140,00
10.130.3523	Lightweight Concrete Plate (Thermal conductivity ≤ 0.044 W/(m.K)) (UTO)	m ³	On the job	3.636,00
CLAY TILES (TS EN 1304) (Tightness Class: Group 1)				
10.130.4001	Top and bottom bricks (Pantile) (resistant to 150 freeze-thaw cycles)	m ²	Factory	383,00
10.130.4002	Top and bottom bricks (Pantile) (resistant to 90 freeze-thaw cycles)	m ²	Factory	344,00
10.130.4003	Top and bottom channel tiles (Pantile) (Engobe/clay-based roofing) (Resistant to 150 freeze - thaw cycles)	m ²	Factory	483,00
10.130.4004	Top and bottom channel tiles (Pantile) (Engobe/clay-based roofing) (Resistant to 90 freeze - thaw cycles)	m ²	Factory	423,00
10.130.4005	Side- and top-interlocked tiles (resistant to 150 freeze-thaw cycles)	m ²	Factory	205,00
10.130.4006	Side- and top-interlocked tiles (resistant to 90 freeze-thaw cycles)	m ²	Factory	178,00
10.130.4007	Side and top-interlocking (Engobe/clay-based roofing) (Resistant to 150 freeze - thaw cycles)	m ²	Factory	290,00
10.130.4008	Side and top-interlocking (Engobe/clay-based roofing) (Resistant to 90 freeze - thaw cycles)	m ²	Factory	258,00
10.130.4009	Fittings (ridge) (resistant to 150 freeze-thaw cycles)	m	Factory	63,00
10.130.4010	Fittings (ridge) (resistant to 90 freeze-thaw cycles)	m	Factory	43,00
10.130.4011	Fittings (ridge) (Engobe/clay-based fired roofing) (resistant to 150 freeze-thaw cycles)	m	Factory	86,00
10.130.4012	Fittings (ridge) (Engobe/clay-based fired roofing) (resistant to 90 freeze-thaw cycles)	m	Factory	66,00
CONCRETE (INTERLOCKING) ROOF TILES (TS EN 490+A1)				
10.130.4101	Concrete tile (colorless)	m ²	Factory	120,00
10.130.4102	Concrete ridge tile (colorless)	m	Factory	76,00
10.130.4103	Concrete tile (iron-oxide painted)	m ²	Factory	148,00
10.130.4104	Concrete ridge tile (iron-oxide painted)	m	Factory	99,00
10.130.4105	Concrete tile (iron-oxide painted - coated with colored glaze)	m ²	Factory	178,00
10.130.4106	Concrete ridge tile (iron-oxide painted - coated with colored glaze)	m	Factory	125,00
Concrete tiles with 100% perlite aggregate				
10.130.4121	Perlite concrete tile (colorless)	m ²	Factory	95,00
10.130.4122	Perlite concrete ridge tile (colorless)	m	Factory	67,00
10.130.4123	Perlite concrete tile (iron-oxide painted)	m ²	Factory	120,00
10.130.4124	Perlite concrete ridge tile (iron-oxide painted)	m	Factory	77,00
10.130.4125	Perlite concrete tile (iron-oxide painted - coated with colored glaze)	m ²	Factory	148,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.130.4126	Perlite concrete ridge tile (iron-oxide painted - coated with colored glaze)	m	Factory	112,00
	Notice: All sections of the iron-oxide painted concrete/perlite concrete tiles shall be colored. The sections of concrete/perlite concrete tiles, which are painted in iron-oxide and coated with colored glaze, shall also be fully colored and their surfaces shall be glazed in the same color.			
Tile accessory and fitting parts				
10.130.4201	Purlin carrier profile (with height setting - Aluminum)	Quantity	On the job	29,00
10.130.4202	Ridge ventilation strip (self-adhesive)	m	On the job	129,00
10.130.4203	Ridge fixing apparatus	Quantity	On the job	9,50
10.130.4204	Wall/manhole bottom strip (Polybutylene/vulcanized thermoplastic (TPV)-coated, aluminum-reinforced, self-adhesive, UV-resistant - 25/40-cm wide)	m	On the job	255,00
10.130.4205	Wall/manhole bottom strip (Polybutylene/vulcanized thermoplastic (TPV)-coated, aluminum-reinforced, self-adhesive, UV-resistant - 50/60-cm wide)	m	On the job	524,00
10.130.4206	Aluminum pressure bar (6 cm wide, every color)	m	On the job	48,00
10.130.4207	PVC-based, self-channeled, UV-resistant, vane-type groove/inclined gutter water insulation (min. 50 cm wide - every color)	m	On the job	205,00
10.130.4208	Self-channeled, UV-resistant, vane-type groove/inclined gutter water insulation made of aluminum (min. 50 cm wide - every color)	m	On the job	164,00
10.130.4209	Pantile fixing apparatus	Qty	On the job	1,78
10.130.4210	Eaves Comb Filler	Qty	On the job	26,50
LUMBERS (chopped in every size)				
10.130.4501	Pine wood (Class I) (TS 1265) (TS EN 844) (TS EN 1309-1, TS EN 1309-3, TS EN 1313-1, 2)	m³	On the job	8.500,00
10.130.4502	Pine lumber (Class II) (TS 1265) (TS EN 844) (TS EN 1309-1, TS EN 1309-3, TS EN 1313-1, 2)	m³	On the job	7.500,00
10.130.4503	Structural round timber (Pine) (Class II) (TS EN 1927-1,2,3, TS EN 1309-3)	m³	On the job	4.200,00
10.130.4504	White pine (Fir) (Class I) (TS EN 844-6, 9, 12) (TS EN 844) (TS EN 1309-1, TS EN 1309-3, TS EN 1313-1, 2)	m³	On the job	8.500,00
10.130.4505	White pine (Fir) (Class II) (TS EN 844-6, 9, 12) (TS EN 844) (TS EN 1309-1, TS EN 1309-3, TS EN 1313-1, 2)	m³	On the job	7.500,00
10.130.4506	Poplar lumber (TS 1249 EN 975-2)	m³	On the job	4.350,00
10.130.4507	Oak lumber (TS EN 975-1, TS EN 942)	m³	On the job	16.000,00
10.130.4508	Walnut lumber	m³	On the job	18.000,00
10.130.4509	Beech lumber (TS EN 975-1, TS EN 942)	m³	On the job	10.000,00
PLYWOOD MOLD MATERIALS (TS EN 636+A1)				
10.130.4601	Non-film-coated, 15 mm	m²	On the job	300,00
10.130.4602	Non-film-coated, 18 mm	m²	On the job	345,00
10.130.4603	Non-film-coated, 21 mm	m²	On the job	400,00
10.130.4604	Film-coated, 15 mm	m²	On the job	370,00
10.130.4605	Film-coated, 18 mm	m²	On the job	420,00
10.130.4606	Film-coated, 21 mm	m²	On the job	465,00
10.130.4607	I-section wooden beam (bottom and top caps min. 40x80 mm)	m	On the job	230,00
FIXED HEIGHT LIGHTWEIGHT BLIND FORMWORK SYSTEMS MADE OF POLYPROPYLENE (UTO)				
10.130.5901	5 cm fixed height blind formwork systems	m²	On the job	240,00
10.130.5902	10 cm fixed height blind formwork systems	m²	On the job	250,00
10.130.5903	15 cm fixed height blind formwork systems	m²	On the job	260,00
HOLLOW-FLOORING BLIND FORMWORK SYSTEMS MADE OF POLYPROPYLENE (WITH CONCRETE COVER) (UTO)				

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.130.5911	Hollow floor mold at 52x52x10 cm	Qty	On the job	70,00
10.130.5912	Hollow floor mold at 52x52x13 cm	Qty	On the job	80,00
10.130.5913	Hollow floor mold at 52x52x16 cm	Qty	On the job	90,00
LIMES (TS EN 459-1, TS EN 459-2)				
10.130.6001	Calcium lime CL 70S Slaked powder lime (bagged)	Tons	Factory	2.660,00
10.130.6002	Calcium lime CL 80S Slaked powder lime (bagged)	Tons	Factory	2.870,00
10.130.6003	Calcium lime CL 90S Slaked powder lime (bagged)	Tons	Factory	3.046,00
10.130.6010	Hydraulic lime (HL 2) (bagged/bulk)	Tons	Factory	4.300,00
10.130.6011	Hydraulic lime (HL 3,5) (bagged/bulk)	Tons	Factory	4.569,00
10.130.6012	Natural hydraulic lime (HL 3.5) (bagged/bulk)	Tons	Factory	17.740,00
10.130.6021	Unslaked fragmented calcium lime	Kg	Factory	2,69
WATER				
10.130.9991	Water	m³	On the job	38,50
EXPLOSIVE AND COMBUSTIBLE MATERIALS				
10.160.1001	Gelignite	Kg	On the job	63,00
10.160.1002	Emulsion-type explosive (Detonator-sensitive, water-resistant)	Kg	On the job	21,75
10.160.1003	Ammonium nitrate, fuel-oil mixture (Non-detonator-sensitive)	Kg	On the job	21,45
10.160.1004	Detonating cord (Tarry, Safety-enabled, Detonating)	m	On the job	6,30
10.160.1005	Detonator (Regular)	Qty	On the job	10,40
10.160.1006	Delayed Action (Detonator)	Qty	On the job	22,50
Detonator (Electric)				
10.160.1021	1.50-m wire length	Qty	On the job	30,15
10.160.1022	2.50-m wire length	Qty	On the job	34,20
10.160.1023	Kerosene	Kg	On the job	35,34
10.160.1024	Liquid petroleum gas (LPG)	Kg	On the job	40,04
10.160.1025	Gasoline	Kg	On the job	48,89
10.160.1026	Diesel fuel	Kg	On the job	43,84
10.160.1027	Lubricating oil	Kg	On the job	47,25
10.160.1028	Waste oil	Kg	On the job	3,06
10.160.1029	Cotton waste	Kg	On the job	12,70
10.160.1030	Electrical power	kWh	On the job	4,60
10.160.1031	Carbide	Kg	On the job	11,85
10.160.1032	Oxygen cylinder, 20 L.	Qty	On the job	210,00
10.160.1033	Pressiometer compressed air cylinder (20 L fill)	Qty	On the job	210,00
10.160.1034	Technical Ammonium Nitrate	Kg	On the job	27,56
10.160.1035	Electrode (3.25 to 4 mm in diameter) (TS EN ISO 2560)	Qty	On the job	1,60
WOODEN CONSTRUCTION MATERIALS				
WOOD FLOORING (TS EN 13226)				
Processed flooring (Oak) (Class I)				
10.170.1001	15-16 mm thickness	m²	On the job	819,00
Processed flooring (Oak) (Class II)				
10.170.1011	15-16 mm thickness	m²	On the job	750,00
Processed flooring (Oak) (Class III)				
10.170.1021	15-16 mm thickness	m²	On the job	665,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
Processed flooring (Beech) (class I)				
10.170.1031	15-16 mm thickness	m ²	On the job	621,00
Processed flooring (Beech) (class II)				
10.170.1041	15-16 mm thickness	m ²	On the job	552,00
Processed flooring (Beech) (class III)				
10.170.1051	15-16 mm thickness	m ²	On the job	483,00
LAMINATE FLOORING (TS EN 13329+A1)				
10.170.1201	AC1 Class 21	m ²	On the job	225,00
10.170.1202	AC3 Class 23-31	m ²	On the job	258,00
10.170.1203	AC4 Class 32	m ²	On the job	303,00
10.170.1251	5-6-mm-thick, AC 4 Class 32, Water-proof PVC Flooring Heterogeneous Group T (TS EN ISO 10581)	m ²	On the job	550,00
MULTI-LAYER FLOORING COMPONENTS				
10.170.1401	Multi-layer flooring component in round, square and triangle classes for oak and other leafed (hard wood) tree types. (Type: 1) (TS EN 13489)	m ²	On the job	825,00
10.170.1402	Multi-layer flooring component in free class for oak and other leafed (hard wood) tree types. (Type: 4) (TS EN 13489)	m ²	On the job	909,00
WOOD PLATING (TS 1250)				
10.170.1601	Walnut veneer (0.8 mm thickness)	m ²	On the job	121,00
10.170.1602	Oak veneer (0.8 mm thickness)	m ²	On the job	89,00
10.170.1603	Mahogany veneer (0.6 mm thickness)	m ²	On the job	74,00
10.170.1604	Beech veneer (0.8 mm thickness)	m ²	On the job	39,00
TIMBERS MODIFIED BY THERMAL TREATMENT (TSE CEN/TS 15679)				
10.170.1701	Thermally treated (185-212 °C) I 19-mm-thick siding with Class I pine wood	m ²	On the job	1.179,00
10.170.1702	Thermally treated (185-212 °C) I 26-mm-thick flooring with Class I pine wood	m ²	On the job	1.254,00
10.170.1703	Thermally treated (185-212 °C) I 19-mm-thick siding and flooring with Class I iroko wood	m ²	On the job	1.980,00
10.170.1704	Thermally treated (185-212 °C) I 21-mm-thick siding and flooring with Class I ash wood	m ²	On the job	1.732,00
10.170.1705	Thermally treated (185-212 °C) I 25-mm-thick siding and flooring with Class I ash wood	m ²	On the job	2.085,00
10.170.1721	Thermally treated (185-212 °C) I Class Pine Wood	m ³	On the job	32.000,00
10.170.1722	Thermally treated (185-212 °C) I Class Ash Wood	m ³	On the job	67.650,00
10.170.1723	Thermally treated (185-212 °C) I Class Iroko Wood	m ³	On the job	72.600,00
PLYWOOD (TS EN 636+A1)				
10.170.1801	Plywood (Prices of different thicknesses shall be estimated by proportion)	m ³	On the job	19.687,00
ORIENTED STRAND BOARDS (OSB) (TS EN 300)				
Used as a load carrier under dry conditions (OSB/2 Type)				
10.170.1901	6 mm thickness	m ²	On the job	94,50
10.170.1902	9 mm thickness	m ²	On the job	112,50
10.170.1903	11 mm thickness	m ²	On the job	117,00
10.170.1904	15 mm thickness	m ²	On the job	180,00
10.170.1905	18 mm thickness	m ²	On the job	216,00
10.170.1906	22 mm thickness	m ²	On the job	265,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
Used as a load carrier under humid conditions (OSB/3 Type)				
10.170.1921	6 mm thickness	m ²	On the job	112,50
10.170.1922	9 mm thickness	m ²	On the job	121,50
10.170.1923	11 mm thickness	m ²	On the job	139,50
10.170.1924	15 mm thickness	m ²	On the job	193,50
10.170.1925	18 mm thickness	m ²	On the job	232,50
10.170.1926	22 mm thickness	m ²	On the job	282,00
WOOD FIBER BOARDS (TS 64-1 EN 622-1, TS 64-2 EN 622-2, TS 64-3 EN 622-3, TS EN 622-4, TS EN 622-5)				
10.170.2001	Flat, 3.0 mm	m ²	On the job	49,50
10.170.2002	Flat, 4 mm	m ²	On the job	57,00
10.170.2003	Flat, 5 mm	m ²	On the job	72,00
10.170.2004	Ceiling board, perforated (40 x 40 cm), 3.0-mm thick	Qty	On the job	17,10
10.170.2005	Ceiling board, perforated, coated, (40 x 40 cm), 3.0-mm thick	Qty	On the job	24,75
10.170.2006	Ceiling board, perforated (40 x 80 cm), 3.0-mm thick	Qty	On the job	23,25
10.170.2007	Ceiling board, perforated, coated, (40 x 80 cm), 3.0-mm thick	Qty	On the job	34,50
10.170.2008	4-mm thick, with rope	m ²	On the job	24,75
10.170.2009	Soft boards of wood fiber boards (12.7 mm)	m ²	On the job	34,50
PARTICLE BOARDS (TS EN 309, 310, 312, 317, 319, 322, 323, TS EN 324-1, TS EN 324-2, TS EN 325, TS EN 326-1)				
10.170.2101	4 mm thickness	m ²	On the job	56,25
10.170.2102	6 mm thickness	m ²	On the job	76,50
10.170.2103	8 mm thickness	m ²	On the job	85,50
10.170.2104	10 mm thickness	m ²	On the job	99,00
10.170.2105	13 mm thickness	m ²	On the job	112,50
10.170.2106	16 mm thickness	m ²	On the job	123,75
10.170.2107	19 mm thickness	m ²	On the job	139,50
10.170.2108	22 mm thickness	m ²	On the job	150,00
10.170.2109	25 mm thickness	m ²	On the job	162,00
10.170.2110	30 mm thickness	m ²	On the job	195,00
10.170.2111	35-mm-thick board perforated to cross sections (TS 3482)	m ²	On the job	247,50
10.170.2112	38-mm-thick board perforated to cross sections (TS 3482)	m ²	On the job	270,00
SYNTHETIC RESIN-BASED PARTICLE BOARDS (TS 1770) (all colors and patterns)				
10.170.2201	8 mm thickness	m ²	On the job	121,50
10.170.2202	18 mm thickness	m ²	On the job	203,00
10.170.2203	30 mm thickness	m ²	On the job	345,50
Mineral-added PVC composite sheets (TS 13893) (Fire class Cs3d0) Other thicknesses are interpolated.				
10.170.2301	4 mm thickness	m ²	On the job	592,00
10.170.2302	6 mm thickness	m ²	On the job	678,00
10.170.2303	8 mm thickness	m ²	On the job	708,00
10.170.2304	10 mm thickness	m ²	On the job	816,00
10.170.2305	12 mm thickness	m ²	On the job	846,00
10.170.2307	16 mm thickness	m ²	On the job	1.201,00
10.170.2308	18 mm thickness	m ²	On the job	1.408,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
PROFILED SHEETS WITH CHEMICAL CELLULOSIC COATING ON 17 MM PARTICLE BOARDS (Colorful - Decorative) (TS 4616)				
10.170.2401	For internal coating:	m²	On the job	926,00
10.170.2402	For external coating:	m²	On the job	1.050,00
DECORATIVE LAMINATE BOARDS (TS EN 438-1) (High-pressure-compressed Thermoset Resin-based)				
A- Standard laminate boards (Various colors, patterns and surface forms)				
10.170.2451	0.65 mm thickness	m²	On the job	177,00
10.170.2452	1.00 mm thickness	m²	On the job	205,00
B- Laminate boards that can be shaped later (various colors, patterns and surface forms)				
10.170.2501	0.65 mm thickness	m²	On the job	196,00
C- Compact Laminated boards (various colors, patterns and surface forms)				
10.170.2551	2 mm thickness	m²	On the job	430,00
10.170.2552	20 mm thickness	m²	On the job	3.375,00
	Note: Other thicknesses shall be interpolated.			
DECORATIVE LAMINATED-LAMINATE BOARDS FOR OUTDOORS (TSE N 438-6) (High-pressure-compressed Thermoset Resin-based)				
10.170.2601	Compact laminated board, 4-mm thick	m²	On the job	1.244,00
10.170.2602	Compact laminated board, 6-mm thick	m²	On the job	1.467,00
10.170.2603	Compact laminated board, 8-mm thick	m²	On the job	1.669,00
10.170.2604	Compact laminated board, 10-mm thick	m²	On the job	1.872,00
10.170.2605	Compact laminated board, 12-mm thick	m²	On the job	2.095,00
10.170.2621	Compact laminated board, 4-mm thick, two faces	m²	On the job	1.467,00
10.170.2622	Compact laminated board, 6-mm thick, two faces	m²	On the job	1.669,00
10.170.2623	Compact laminated board, 8-mm thick, two faces	m²	On the job	1.872,00
10.170.2624	Compact laminated board, 10-mm thick, two faces	m²	On the job	2.095,00
10.170.2625	Compact laminated board, 12-mm thick, two faces	m²	On the job	2.288,00
	Note: Other thicknesses shall be interpolated.			
METAL MATERIALS				
STEEL SHEETS AND PLATES				
10.200.1001	Black flat metal sheet (1.5 mm thickness)	Kg	Factory	21,90
10.200.1002	Black flat metal sheet (2.0 mm thickness)	Kg	Factory	20,84
10.200.1003	Black flat metal sheet (2.5 mm thickness and above) (1200 x 2400 HRU) and others	Kg	Factory	21,19
COLD-ROLLED STEEL ROLL, DC01 QUALITY (width: 1100 mm (inclusive) small) (TS EN 10130)				
Note: Also, if it is done, an extra charge of 5% for side trimming, 5% for length trimming and 5% for galvanizing (hot dip) shall be applicable.				
10.200.1101	0.29 mm (inclusive, small) thickness	Kg	Factory	30,94
10.200.1102	0.30 mm - 0.34 mm thickness	Kg	Factory	28,68
10.200.1103	0.35 mm - 0.39 mm thickness	Kg	Factory	28,68
10.200.1104	0.40 mm - 0.44 mm thickness	Kg	Factory	27,97
10.200.1105	0.45 mm - 0.49 mm thickness	Kg	Factory	27,23
10.200.1106	0.50 mm - 0.59 mm thickness	Kg	Factory	26,84
10.200.1107	0.60 mm - 0.69 mm thickness	Kg	Factory	26,70
10.200.1108	0.70 mm - 0.79 mm thickness	Kg	Factory	26,63
10.200.1109	0.80 mm - 0.89 mm thickness	Kg	Factory	26,63

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.200.1110	0.90 mm - 0.99 mm thickness	Kg	Factory	26,28
10.200.1111	1.00 mm - 1.49 mm thickness	Kg	Factory	26,28
10.200.1112	1.50 mm (included, large) thickness	Kg	Factory	26,10
COLD-ROLLED STEEL ROLL, DC01 QUALITY (width: 1100 mm [excluding 1100 mm] large) (TS EN 10130) Note: Also, if it is done, an extra charge of 5% for side trimming, 5% for length trimming and 5% for galvanizing (hot dip) shall be applicable.				
10.200.1151	0.29 mm (inclusive, small) thickness	Kg	Factory	31,04
10.200.1152	0.30 mm - 0.34 mm thickness	Kg	Factory	28,46
10.200.1153	0.35 mm - 0.39 mm thickness	Kg	Factory	28,46
10.200.1154	0.40 mm - 0.44 mm thickness	Kg	Factory	27,65
10.200.1155	0.45 mm - 0.49 mm thickness	Kg	Factory	26,98
10.200.1156	0.50 mm - 0.59 mm thickness	Kg	Factory	26,84
10.200.1157	0.60 mm - 0.69 mm thickness	Kg	Factory	26,42
10.200.1158	0.70 mm - 0.79 mm thickness	Kg	Factory	26,28
10.200.1159	0.80 mm - 0.89 mm thickness	Kg	Factory	26,31
10.200.1160	0.90 mm - 0.99 mm thickness	Kg	Factory	25,96
10.200.1161	1.00 mm - 1.49 mm thickness	Kg	Factory	25,96
10.200.1162	1.50 mm (included, large) thickness	Kg	Factory	25,78
HOT-ROLLED BOARD (S235 JR) (TS EN 10025-1, 2, 3, 4, 5, 6) (any size)				
10.200.1201	5.00 mm - 7.99 mm thickness	Kg	Factory	26,49
10.200.1202	8.00 mm - 11.99 mm thickness	Kg	Factory	25,60
10.200.1203	12.00 mm - 15.99 mm thickness	Kg	Factory	25,60
10.200.1204	16.00 mm - 17.99 mm thickness	Kg	Factory	24,54
10.200.1205	18.00 mm (included, large) thickness	Kg	Factory	24,19
SHEET METAL MADE OF HOT-ROLLED, ACIDIFIED ROLL (S235 JR) (TS EN 10025-1, 2, 3, 4, 5, 6) (any size)				
10.200.1251	1.50 mm - 1.59 mm thickness	Kg	Factory	21,90
10.200.1252	1.60 mm - 1.79 mm thickness	Kg	Factory	21,19
10.200.1253	1.80 mm - 1.99 mm thickness	Kg	Factory	21,01
10.200.1254	2.00 mm - 2.19 mm thickness	Kg	Factory	20,84
10.200.1255	2.20 mm - 2.49 mm thickness	Kg	Factory	20,84
10.200.1256	2.50 mm - 2.99 mm thickness	Kg	Factory	20,84
10.200.1257	3.00 mm - 4.99 mm thickness	Kg	Factory	20,66
10.200.1258	5.00 mm - 7.99 mm thickness	Kg	Factory	20,66
10.200.1259	8.00 mm - 11.99 mm thickness	Kg	Factory	20,66
10.200.1260	12.00 mm - 15.00 mm thickness	Kg	Factory	20,84
GALVANIZED SHEET METALS				
10.200.1301	Hot-dip galvanized flat sheet metal (TS 822)	Kg	On the job	36,70
10.200.1302	Hot-dip galvanized, plain sheet metal factory-coated with roller: (Outer surface coated with min. 5 microns of epoxy lining, and min. 20 microns of final coat of paint. Inner surface coated with min. 5 microns of epoxy lining)	Kg	On the job	42,50
10.200.1303	Hot-dip galvanized grooved/trapezoid sheet metal (TS 822)	Kg	On the job	41,00
10.200.1304	Hot-dip galvanized and coated grooved/trapezoid sheet metal. factory-coated with roller: (Outer surface coated with min. 5 microns of epoxy lining, and min. 20 microns of final coat of paint. Inner surface coated with min. 5 microns of epoxy lining)	Kg	On the job	43,90
GALVALUME SHEET METALS (TS EN 10346)				

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.200.1401	Hot-dip galvalume plain sheet metals	Kg	On the job	36,70
10.200.1402	Hot-dip galvalume and coated plain sheet metal factory-coated with roller: (Outer surface coated with min. 5 microns of epoxy lining, and min. 20 microns of final coat of paint. Inner surface coated with min. 5 microns of epoxy lining)	Kg	On the job	40,30
10.200.1403	Hot-dip galvalume grooved/trapezoid sheet metals	Kg	On the job	39,60
10.200.1404	Hot-dip galvalume and coated grooved/trapezoid sheet metal. factory-coated with roller: (Outer surface coated with min. 5 microns of epoxy lining, and min. 20 microns of final coat of paint. Inner surface coated with min. 5 microns of epoxy lining)	Kg	On the job	43,80
OTHER STEEL SHEETS				
10.200.1501	Diamond-pattern sheet metal	Kg	On the job	36,70
STAINLESS STEELS (TS EN 10088-1)				
10.200.1601	1.4301 (AISI 304) quality stainless steel bar	Kg	On the job	93,50
10.200.1602	1.4401 (AISI 316) quality stainless steel bar	Kg	On the job	130,00
10.200.1603	1.4301 (AISI 304) quality stainless steel sheet	Kg	On the job	91,00
10.200.1604	1.4401 (AISI 316) quality stainless steel sheet	Kg	On the job	121,00
10.200.1605	1.4301 (AISI 304) quality stainless steel pipe	Kg	On the job	108,00
10.200.1606	1.4401 (AISI 316) quality stainless steel pipe	Kg	On the job	162,00
10.200.1607	1.4301 (AISI 304) quality stainless steel profile	Kg	On the job	104,00
ALUMINUM PROFILES (TS 4922; TS EN 12020-1, 2 TS EN 755-1, 2, 3, 4, 5, 6, 7, 8, 9)				
10.200.2001	Aluminum profiles	Kg	On the job	143,00
10.200.2002	Natural-matte anodized aluminum profile	Kg	On the job	163,00
10.200.2003	Natural (glossy or sandblasted or satin) and anodized aluminum profile	Kg	On the job	190,00
10.200.2004	Colored-matte, anodized aluminum profile	Kg	On the job	163,00
10.200.2005	Colored (glossy or sandblasted) and anodized aluminum profile	Kg	On the job	166,00
10.200.2006	Electrostatic powder-coated aluminum profile	Kg	On the job	189,00
10.200.2012	Natural-matte, anodized, thermally insulated aluminum profile	Kg	On the job	194,00
10.200.2013	Natural (glossy or sandblasted), anodized and thermally insulated aluminum profile	Kg	On the job	197,00
10.200.2014	Colored-matte, anodized, thermally insulated aluminum profile	Kg	On the job	190,00
10.200.2015	Colored (glossy or sandblasted), anodized and thermally insulated aluminum profile	Kg	On the job	197,00
10.200.2016	Electrostatic powder-coated, thermally insulated aluminum profile	Kg	On the job	190,00
10.200.2022	Natural-matte and anodized aluminum profile with PVC insulation	Kg	On the job	163,00
10.200.2023	Natural (glossy or sandblasted or satin) and anodized, PVC-insulated aluminum profile	Kg	On the job	168,00
10.200.2024	Colored-matte and anodized aluminum profile with PVC insulation	Kg	On the job	168,00
10.200.2025	Colored (glossy or sandblasted) and anodized, PVC-insulated aluminum profile	Kg	On the job	177,00
10.200.2026	Electrostatic powder-coated, PVC-insulated aluminum profile	Kg	On the job	177,00
ALUMINUM PLATES (TS EN 485-1, TS EN 485-2, TS EN 485-4)				
A- Plain Aluminum Panels				
1-EN AW 1100-AL99.0 Cu				
10.200.2101	0.30 mm thickness	Kg	On the job	154,00
10.200.2102	0.50 mm thickness	Kg	On the job	153,00
10.200.2103	0.70 mm thickness	Kg	On the job	153,00
10.200.2104	3.00 mm thickness	Kg	On the job	151,00
2-EN AW 1050A-AL99.5				
10.200.2111	0.30 mm thickness	Kg	On the job	154,00
10.200.2112	0.50 mm thickness	Kg	On the job	153,00
10.200.2113	0.70 mm thickness	Kg	On the job	153,00
10.200.2114	3.00 mm thickness	Kg	On the job	151,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
3-EN AW 3003-ALMn1Cu				
10.200.2121	0.30 mm thickness	Kg	On the job	155,00
10.200.2122	0.50 mm thickness	Kg	On the job	154,00
10.200.2123	0.70 mm thickness	Kg	On the job	154,00
10.200.2124	3.00 mm thickness	Kg	On the job	153,00
4-EN AW 3105-ALMn0.5Mg0.5				
10.200.2131	0.30 mm thickness	Kg	On the job	155,00
10.200.2132	0.50 mm thickness	Kg	On the job	154,00
10.200.2133	0.70 mm thickness	Kg	On the job	154,00
10.200.2134	3.00 mm thickness	Kg	On the job	153,00
5-EN AW 5005-ALMg1				
10.200.2141	0.30 mm thickness	Kg	On the job	155,00
10.200.2142	0.50 mm thickness	Kg	On the job	154,00
10.200.2143	0.70 mm thickness	Kg	On the job	154,00
10.200.2144	3.00 mm thickness	Kg	On the job	153,00
B- Coated Aluminum Flat Panels Factory-coated with roller (Outer surface coated with min. 5 microns of epoxy lining, and 20 microns of final coat of polyester paint. Inner surface coated with min. 7 microns of epoxy lining)				
1-EN AW 1100-AL99.0 Cu				
10.200.2201	0,30 mm thickness	Kg	On the job	190,00
10.200.2202	0.50 mm thickness	Kg	On the job	189,00
10.200.2203	0.70 mm thickness	Kg	On the job	189,00
10.200.2204	3.00 mm thickness	Kg	On the job	189,00
2-EN AW 1050A-AL99.5				
10.200.2211	0.30 mm thickness	Kg	On the job	190,00
10.200.2212	0.50 mm thickness	Kg	On the job	189,00
10.200.2213	0.70 mm thickness	Kg	On the job	189,00
10.200.2214	3.00 mm thickness	Kg	On the job	189,00
3-EN AW 3003-ALMn1Cu				
10.200.2221	0.30 mm thickness	Kg	On the job	197,00
10.200.2222	0.50 mm thickness	Kg	On the job	190,00
10.200.2223	0.70 mm thickness	Kg	On the job	190,00
10.200.2224	3.00 mm thickness	Kg	On the job	190,00
4-EN AW 3105-ALMn0.5Mg0.5				
10.200.2231	0.30 mm thickness	Kg	On the job	197,00
10.200.2232	0.50 mm thickness	Kg	On the job	190,00
10.200.2233	0.70 mm thickness	Kg	On the job	190,00
10.200.2234	3.00 mm thickness	Kg	On the job	190,00
5-EN AW 5005-ALMg1				
10.200.2241	0.30 mm thickness	Kg	On the job	197,00
10.200.2242	0.50 mm thickness	Kg	On the job	197,00
10.200.2243	0.70 mm thickness	Kg	On the job	190,00
10.200.2244	3.00 mm thickness	Kg	On the job	189,00
Trapezoidal aluminum panels (TS 7677 - aluminum alloys) (various thickness values)				
10.200.2301	EN AW 3003 -ALMn1Cu	Kg	On the job	172,00
10.200.2302	EN AW 3105-ALMn0,5Mg0,5	Kg	On the job	172,00
10.200.2303	EN AW 5005 -ALMg1	Kg	On the job	192,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
Coated trapezoidal aluminum panels (TS 7677 - Aluminum alloys) (Various thickness values) Factory-coated with roller (Outer surface coated with min. 5 microns of epoxy lining, and 20 microns of final coat of polyester paint. Inner surface coated with min. 7 microns of epoxy lining)				
10.200.2341	EN AW 3003 - ALMn1Cu	Kg	On the job	212,00
10.200.2342	EN AW 3105 - ALMn0,5Mg0,5	Kg	On the job	212,00
10.200.2343	EN AW 5005- ALMn1	Kg	On the job	225,00
Trapezoidal Aluminum Panels (TS 7677 - Aluminum) (Various Thicknesses)				
10.200.2381	EN AW 1050A - AL99.5	Kg	On the job	166,00
Coated Trapezoidal Aluminum Panels (TS 7677 - Aluminum) (Various Thicknesses) Factory-coated with roller (Outer surface coated with min. 5 microns of epoxy lining, and 20 microns of final coat of polyester paint. Inner surface coated with min. 7 microns of epoxy lining)				
10.200.2391	EN AW 1050A - AL99.5	Kg	On the job	198,00
ALUMINUM COMPOSITE PANELS				
10.200.2401	Aluminum Composite Panel (0.50 mm + 3 mm + 0.50 mm) 0.50-mm-thick aluminum plate visible exterior surface of 0.50-mm-thick aluminum plate (EN AW 5000 series) coated with min. 8-micron epoxy primer, then 22-micron PVDF (boiling 500 > 70%), final coat of paint, and 3-mm polyethylene filling in between, and with an adhesion strength of min. 100 N/cm, (minimum fire class C s3 d2)	m ²	On the job	668,00
10.200.2411	Aluminum Composite Panel (0.50 mm + 3 mm + 0.50 mm) 3-mm-thick mineral filling between the 0.50-mm-thick (EN AW 3000 series) aluminum plates. The visible external surfaces of the aluminum sheets shall be coated with 28-mm-thick PVDF paint, and primer-coated composite panels between the aluminum sheets and fillings (fire class: A2 s1 d0)	m ²	On the job	1.289,00
Pop Rivet, Lag Screw Set, Aluminum Ingot				
10.200.2451	Aluminum lag fasteners	Qty	On the job	5,08
10.200.2452	Aluminum pop rivet	Qty	On the job	0,41
10.200.2501	Aluminum ingot	Kg	Factory	104,12
ALUMINUM EXPANSION PROFILES (Etial 60)				
Covering Profiles (for Walls, Ceilings and Facades) (Anodized - Countersunk screw holes drilled at max. 45-cm intervals on one side)				
10.200.2701	120 mm width, min. 1.3-mm wall thickness	m	On the job	116,00
10.200.2702	150 mm width, min 1.5 mm wall thickness	m	On the job	160,00
10.200.2703	200 mm width, min 1.7 mm wall thickness	m	On the job	242,00
10.200.2704	250 mm width, min 1.7 mm wall thickness	m	On the job	286,00
Covering Profiles (Resistant to pedestrian loads) (for flooring) (Anodized - Countersunk screw holes drilled at max. 45-cm intervals on one side)				
10.200.2711	120 mm width, min. 2.2 mm wall thickness	m	On the job	169,00
10.200.2712	150 mm width, min 2.4 mm wall thickness	m	On the job	225,00
10.200.2713	200 mm width, min 2.6 mm wall thickness	m	On the job	346,00
10.200.2714	250 mm width, min 2.6 mm wall thickness	m	On the job	397,00
Sub-coating Expansion Profiles (Resistant to pedestrian loads) (for flooring) (Including rubber gaskets) (Aluminum wall thickness min. 2 mm, min. +/- 4-mm movement capacity, Profile height min. 35 mm, and wing width min. 45mm)				
10.200.2721	Expansion gap: 50 mm	m	On the job	247,00
10.200.2722	Expansion gap: 80 mm	m	On the job	385,00
10.200.2723	Expansion gap: 100 mm	m	On the job	465,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
Sub-coating Expansion Profiles (Resistant to pedestrian loads) (for flooring) (Including rubber and aluminum strip seals) (Aluminum wall thickness min. 2,5 mm, min. +/- 4-mm movement capacity, Profile height min. 40 mm, and wing width min. 45 mm, gaps between the supports carrying the seal reinforced with additional components)				
10.200.2731	Expansion gap: 50 mm	m	On the job	499,00
10.200.2732	Expansion gap: 80 mm	m	On the job	669,00
10.200.2733	Expansion gap: 100 mm	m	On the job	837,00
10.200.2734	Expansion gap: 150 mm	m	On the job	1.269,00
Over-coating Expansion Profiles (For Walls and Ceilings) (Including rubber gaskets) (Aluminum wall thickness min. 1,5 mm, min. +/- 4-mm movement capacity, Profile height min. 13 mm profile height, and min. 4: mm) (Countersunk screw holes drilled at max. 45-cm intervals on two opposing edges)				
10.200.2741	Expansion gap: 50 mm	m	On the job	132,00
10.200.2742	Expansion gap: 80 mm	m	On the job	156,00
10.200.2743	Expansion gap: 100 mm	m	On the job	185,00
Over-coating Expansion Profiles (Resistant to pedestrian loads) (for flooring) (Including rubber gaskets) (Aluminum wall thickness min. 1,5 mm, min. +/- 4 mm moving capacity, Profile height min. 15 mm, wing width min. 45 mm) (Countersunk screw holes drilled at max. 30-cm intervals on two opposing edges)				
10.200.2751	Expansion gap: 50 mm	m	On the job	225,00
10.200.2752	Expansion gap: 80 mm	m	On the job	314,00
10.200.2753	Expansion gap: 100 mm	m	On the job	383,00
Over-coating Expansion Profiles (Resistant to pedestrian loads) (for flooring) (Including rubber and aluminum strip seals) (Aluminum wall thickness min. 2 mm, min. +/- 4 mm moving capacity, Profile height min. 20 mm, wing width min. 45 mm, gaps between the supports carrying the seal reinforced with additional components) (max. 30-cm intervals on two opposing edges)				
10.200.2761	Expansion gap: 50 mm	m	On the job	282,00
10.200.2762	Expansion gap: 80 mm	m	On the job	397,00
10.200.2763	Expansion gap: 100 mm	m	On the job	502,00
10.200.2764	Expansion gap: 150 mm	m	On the job	760,00
	Note: 1- The same definitions and prices shall be applicable to the corner expansion profiles. 2- Where other measurable properties than the ones mentioned above are required in the relevant project design and specifications are sought, these items shall not apply.			
Expansion Profile Installation Materials, etc.				
10.200.2791	Butyl tape (each side self-adhesive, 3 mm thickness / 10 mm width)	m	On the job	14,00
10.200.2792	Insulation tape for expansions (min. 1-mm-thick, 30-cm-wide)	m	On the job	137,00
10.200.2793	Insulation tape for expansions (min. 1-mm-thick, 40-cm-wide)	m	On the job	180,00
ZINC – LEAD				
10.200.2801	Zinc plate	Kg	On the job	113,00
10.200.2809	Zinc (Ingot) (TS EN ISO 3146+AC)	Kg	On the job	96,60
10.200.2811	Lead plate (min. 99.98% purity)	Kg	On the job	97,20
10.200.2812	Lead Sheet (99.80% ≤ purity < %99.98)	Kg	On the job	91,20
10.200.2819	Lead (Ingot)	Kg	On the job	82,80

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
SPHEROIDAL GRAPHITE CAST IRON, COPPER AND BRASS PRODUCTS, ETC.				
10.200.2851	Nodular cast (GJS 400) (TS EN 1563)	Kg	On the job	40,80
10.200.2852	Nodular cast (GJS 500) (TS EN 1563)	Kg	On the job	43,80
10.200.2853	Various copper profiles and plates (TS EN 1652)	Kg	On the job	370,00
10.200.2854	Blister copper	Kg	Factory	311,00
10.200.2861	Brass pipes	Kg	On the job	259,00
10.200.2862	Flat brass bar	Kg	On the job	259,00
SUPPORTS				
10.200.2951	High-quality steel support (Special cast)	Kg	On the job	49,20
10.200.2952	Rubber abutment with plates with internal reinforcement (60 shore)	cm ³	On the job	0,25
HOT-DIP GALVANIZED STEEL SHEET PROFILES FOR GYPSUM BOARDS (ST 37) (TS EN 14195)				
10.200.3001	Ceiling C 60 profile with 60x27 mm minimum size, 0.50 mm minimum thickness, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z100}$ (TC60)	m	On the job	17,20
10.200.3002	Ceiling C 60 profile with 60x27 mm minimum size, 0.60 mm minimum thickness, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z100}$ (TC60)	m	On the job	23,40
10.200.3003	Ceiling U28 profile with 0.50 mm minimum thickness and 27 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z100}$ (TU28)	m	On the job	11,70
10.200.3004	Ceiling U28 profile with 0.60 mm minimum thickness and 27 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z100}$ (TU28)	m	On the job	13,20
10.200.3005	Wall C 50 profile with 0.50 mm minimum thickness and 47 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z100}$ (DC50)	m	On the job	24,60
10.200.3006	Wall C 50 profile with 0.60 mm minimum thickness and 47 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z100}$ (DC50)	m	On the job	30,00
10.200.3007	Wall C 75 profile with 0.50 mm minimum thickness and 47 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z100}$ (DC75)	m	On the job	29,40
10.200.3008	Wall C 75 profile with 0.60 mm minimum thickness and 47 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z100}$ (DC75)	m	On the job	34,20
10.200.3009	Wall C 100 profile with 0.50 mm minimum thickness and 47 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z100}$ (DC100)	m	On the job	33,40
10.200.3010	Wall C 100 profile with 0.60 mm minimum thickness and 47 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z100}$ (DC100)	m	On the job	39,80
10.200.3011	Wall U 50 profile with 0.50 mm minimum thickness and 38 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z100}$ (DU50)	m	On the job	17,40
10.200.3012	Wall U 50 profile with 0.60 mm minimum thickness and 38 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z100}$ (DU50)	m	On the job	24,60
10.200.3013	Wall U 75 profile with 0.50 mm minimum thickness and 38 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z100}$ (DU75)	m	On the job	21,50
10.200.3014	Wall U 75 profile with 0.60 mm minimum thickness and 38 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z100}$ (DU75)	m	On the job	29,60

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.200.3015	Wall U 100 profile with 0.50 mm minimum thickness and 38 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z100}$ (DU100)	m	On the job	26,00
10.200.3016	Wall U 100 profile with 0.60 mm minimum thickness and 38 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z100}$ (DU100)	m	On the job	34,80
10.201.3001	Ceiling U28 profile with 0.55 mm thickness and min. 27 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 100\text{N/mm}^2$, $\geq \text{Z100}$ (TU28)	m	On the job	11,70
10.201.3002	Ceiling C 60 profile with 60x27 mm minimum size, 0.55 mm minimum thickness, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 100\text{N/mm}^2$, $\geq \text{Z100}$ (TC60)	m	On the job	20,30
10.201.3003	Wall C 50 profile with 0.55 mm minimum thickness and 47 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 100\text{N/mm}^2$, $\geq \text{Z100}$ (DC50)	m	On the job	25,75
10.201.3004	Wall C 50 profile with 0.90 mm minimum thickness and 47 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z275}$ (DC50)	m	On the job	39,00
10.201.3005	Wall C 75 profile with 0.55 mm minimum thickness and 47 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 100\text{N/mm}^2$, $\geq \text{Z100}$ (DC75)	m	On the job	29,60
10.201.3006	Wall C 75 profile with 0.90 mm minimum thickness and 47 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z275}$ (DC100)	m	On the job	46,00
10.201.3007	Wall C 100 profile with 0.55 mm minimum thickness and 47 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 100\text{N/mm}^2$, $\geq \text{Z100}$ (DC100)	m	On the job	33,80
10.201.3008	Wall C 100 profile with 0.90 mm minimum thickness and 47 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z275}$ (DC100)	m	On the job	60,20
10.201.3009	Wall C 125 profile with 0.50 mm minimum thickness and 47 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z100}$ (DC125)	m	On the job	37,80
10.201.3010	Wall C 125 profile with 0.60 mm minimum thickness and 47 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z100}$ (DC125)	m	On the job	41,40
10.201.3011	Wall C 125 profile with 0.90 mm minimum thickness and 47 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z275}$ (DC125)	m	On the job	65,50
10.201.3012	Wall C 150 profile with 0.50 mm minimum thickness and 47 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z100}$ (DC150)	m	On the job	39,00
10.201.3013	Wall C 150 profile with 0.60 mm minimum thickness and 47 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z100}$ (DC150)	m	On the job	45,20
10.201.3014	Wall C 150 profile with 0.90 mm minimum thickness and 47 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z275}$ (DC150)	m	On the job	70,80
10.201.3015	Wall U 125 profile with 0.50 mm minimum thickness and 38 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z100}$ (DU125)	m	On the job	31,20
10.201.3016	Wall U 125 profile with 0.60 mm minimum thickness and 38 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z100}$ (DU125)	m	On the job	36,00
10.201.3017	Wall U 125 profile with 0.90 mm minimum thickness and 38 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z275}$ (DU125)	m	On the job	55,80
10.201.3018	Wall U 150 profile with 0.50 mm minimum thickness and 38 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z100}$ (DU150)	m	On the job	34,80

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.201.3019	Wall U 150 profile with 0.60 mm minimum thickness and 38 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140 \text{ N/mm}^2$, $\geq \text{Z100}$ (DU150)	m	On the job	41,40
10.201.3020	Wall U 150 profile with 0.90 mm minimum thickness and 38 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140 \text{ N/mm}^2$, $\geq \text{Z275}$ (DU150)	m	On the job	63,60
10.202.3001	Wall U50 profile, perforated, with minimum 2 mm thickness and side flange height of at least 40 mm, manufactured from hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140 \text{ N/mm}^2$, coating class $\geq \text{Z100}$ (U50)	m	On the job	123,50
10.202.3002	Wall U75 profile, perforated, with minimum 2 mm thickness and side flange height of at least 40 mm, manufactured from hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140 \text{ N/mm}^2$, coating class $\geq \text{Z100}$ (U75)	m	On the job	144,00
10.202.3003	Wall U100 profile, perforated, with minimum 2 mm thickness and side flange height of at least 40 mm, manufactured from hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140 \text{ N/mm}^2$, coating class $\geq \text{Z100}$ (U100)	m	On the job	168,00
MECHANICAL INSTALLATION COMPONENTS FOR GYPSUM BOARDS				
10.200.3021	Perforated corner profile with 0.35 mm minimum thickness and 23 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140 \text{ N/mm}^2$, $\geq \text{Z100}$	m	On the job	5,75
10.200.3022	Perforated corner profile with 0.40 mm minimum thickness and 25 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140 \text{ N/mm}^2$, $\geq \text{Z100}$	m	On the job	6,72
10.200.3023	Clips with 7.5 cm length, 0.8 mm thickness, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140 \text{ N/mm}^2$, $\geq \text{Z100}$	Qty	On the job	1,25
10.200.3024	T-profile hanging bracket with 11.5 cm length, >1 mm thickness, and stainless steel spring, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140 \text{ N/mm}^2$, $\geq \text{Z100}$	Qty	On the job	5,04
10.200.3025	C-profile hanging bracket with 11.5 cm length, >1 mm thickness, and stainless steel spring, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140 \text{ N/mm}^2$, $\geq \text{Z100}$	Qty	On the job	6,72
10.200.3026	Attachment fitting with 9 cm length, 0.6 mm thickness, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140 \text{ N/mm}^2$, $\geq \text{Z100}$	Qty	On the job	2,76
10.200.3027	U-nail with 7.5 cm length, 1 mm thickness, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140 \text{ N/mm}^2$, $\geq \text{Z100}$	Qty	On the job	2,76
10.200.3028	U-nail with 12 cm length, 1 mm thickness, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140 \text{ N/mm}^2$, $\geq \text{Z100}$	Qty	On the job	4,14
10.200.3029	U-nail with 20 cm length, 1 mm thickness, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140 \text{ N/mm}^2$, $\geq \text{Z100}$	Qty	On the job	6,36
10.200.3030	U-nail screw (made of carbon steel, chrome-coated, with pointy ends, any size) box (500 pcs.)	Box	On the job	78,00
10.200.3031	Joint tape (made of fiberglass, self-adhesive, width: 5 cm)	m	On the job	0,78
10.200.3032	Insulation tape (made of 3-mm polyethylene, self-adhesive, width: 5 cm)	m	On the job	1,25
10.200.3033	Insulation tape (made of 3-mm polyethylene, self-adhesive, width: 7.5 cm)	m	On the job	2,50
10.200.3034	Insulation tape (made of 3-mm polyethylene, self-adhesive, width: 10 cm)	m	On the job	3,35
10.201.3021	U-L 50 fastener, 2 mm thickness, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140 \text{ N/mm}^2$, $\geq \text{Z100}$ (UA-L50)	Qty	On the job	18,60
10.201.3022	U-L 75 fastener, 2 mm thickness, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140 \text{ N/mm}^2$, $\geq \text{Z100}$ (UA-L50)	Qty	On the job	24,60
10.201.3023	U-L 100 fastener, 2 mm thickness, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140 \text{ N/mm}^2$, $\geq \text{Z100}$ (UA-L50)	Qty	On the job	27,60
10.201.3024	Nut bolt for U-L fasteners	Qty	On the job	2,11
10.201.3025	L 50 fastener, 2 mm thickness, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140 \text{ N/mm}^2$, $\geq \text{Z275}$ (L50)	Qty	On the job	12,60
10.201.3026	L 75 fastener, 2 mm thickness, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140 \text{ N/mm}^2$, $\geq \text{Z275}$ (L75)	Qty	On the job	13,20
10.201.3027	L 100 fastener, 2 mm thickness, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140 \text{ N/mm}^2$, $\geq \text{Z275}$ (L100)	Qty	On the job	16,10
10.201.3028	L 125 fastener, 2 mm thickness, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140 \text{ N/mm}^2$, $\geq \text{Z275}$ (L125)	Qty	On the job	18,00
10.201.3029	T profile, 0.90 mm thickness, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140 \text{ N/mm}^2$, $\geq \text{Z275}$	m	On the job	41,40

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.201.3030	Perforated aluminum corner profile, 0.35 mm thickness, min. 23 mm side wall height	m	On the job	4,80
10.201.3031	Double Clips with min. 60x27 mm size and 1.00 mm thickness, made of hot-dip galvanized steel sheet with a min. yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z100}$	Qty	On the job	1,65
10.201.3032	Adjustable angle attachment fitting with 9 cm length, 0.6 mm thickness, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z100}$	Qty	On the job	2,27
10.201.3033	Joint tape (made of fiberglass, width: 5 cm)	m	On the job	0,40
10.201.3034	Joint tape (made of fiberglass, self-adhesive, width: 10 cm)	m	On the job	0,78
10.201.3035	Joint tape (made of paper, 5 cm)	m	On the job	0,78
SUSPENDED CEILING CARRIER METAL PROFILE SYSTEMS AND MECHANICAL INSTALLATION COMPONENTS (TS EN 13964)				
1- Aluminum, for metal suspended ceilings				
10.200.3051	Concealed carrier profile (clip-in system) (min. 0.50-mm-thick, made of hot-dip galvanized sheet metal) (for aluminum and metal suspended ceilings)	m	On the job	12,90
10.200.3052	Concealed carrier profile (clip-in system) (min. 0.60-mm-thick, made of hot-dip galvanized sheet metal) (for aluminum and metal suspended ceilings)	m	On the job	13,75
10.200.3053	Clip-in aluminum edge C-profile (min. 1.00-mm-thick, in any size, and electrostatically or factory coated)	m	On the job	21,85
10.200.3054	Sheet metal C-profile of the clip-in system (min. 0.50-mm-thick, in any size, made of hot-dip galvanized sheet metal, and electrostatically or factory coated)	m	On the job	16,70
10.200.3055	Carrier attachment (made of min. 0.50-mm-thick, made of hot-dip galvanized sheet metal plate and 4-mm-thick galvanized bar)	Qty	On the job	2,10
10.200.3056	Attachment clip (Profile attachment made of 0.50-mm-thick spring steel plate or min. 2-mm-thick spring steel)	Qty	On the job	2,50
10.200.3057	Press clip (made of 0.50-mm-thick spring steel)	Qty	On the job	2,35
10.200.3058	Lamellar suspended ceiling carrier profile (made of min. 0.50-mm-thick hot-dip galvanized sheet metal (oven-dried paint) with 1 cm joints)	m	On the job	17,95
10.200.3059	Lamellar suspended ceiling carrier profile (min. (0.50-mm-thick hot-dip galvanized sheet metal (oven-dried paint) with 1.5 cm joints)	m	On the job	21,85
10.200.3060	Lamellar suspended ceiling carrier profile (made of min. 0.50-mm-thick hot-dip galvanized sheet metal (oven-dried paint) with 2 cm joints)	m	On the job	21,85
10.200.3061	Lamellar suspended ceiling carrier profile (made of min. 0.50-mm-thick hot-dip galvanized sheet metal (oven-dried paint) self-jointed)	m	On the job	21,85
10.200.3062	15-mm-wide, min. 0.50-mm-thick aluminum joint strip	m	On the job	11,00
10.200.3063	20-mm-wide, min. 0.50-mm-thick aluminum joint strip	m	On the job	11,40
10.200.3064	Edge L profile made of 0.50-mm-thick hot-dip galvanized sheet metal (oven-dried paint) self-jointed	m	On the job	11,40
10.200.3065	Edge U profile made of 0.50-mm-thick hot-dip galvanized sheet metal (oven-dried paint) self-jointed	m	On the job	16,40
2- Rock wool (mineral fiber) fiberglass, aluminum, metal plaster board and similar other types of suspended ceiling (polyester-based electrostatic powder-coated) (including 3071 ... 3128)				
24-mm-WIDE MAIN CARRIER T PROFILES				
10.200.3071	Profile with 0.40-mm thickness, and h=38-mm height	m	On the job	13,15
10.200.3072	Profile with 0.30-mm thickness, and h=38-mm height	m	On the job	10,90
10.200.3073	Corrosion-resistant profile with 0.30-mm thickness, and h=38-mm height	m	On the job	20,80
10.200.3074	Corrosion-resistant profile with 0.40-mm thickness, and h=38-mm height	m	On the job	22,45
35-mm-WIDE MAIN CARRIER T PROFILES				

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.200.3081	Profile with 0.30-mm thickness, and h=38-mm height	m	On the job	32,45
24-mm-WIDE INTERMEDIATE CARRIER T PROFILES				
10.200.3091	Profile with 0.40-mm thickness, and h=30-mm height	m	On the job	19,00
10.200.3092	Profile with steel clip head, 0.30-mm thickness, and h=30 to 32-mm height	m	On the job	14,85
10.200.3093	Profile with steel clip head, 0.30-mm thickness, and h=25-mm height	m	On the job	16,30
10.200.3094	Corrosion-resistant profile with steel clip head, 0.30-mm thickness, and h=32-mm height	m	On the job	14,85
10.200.3095	Corrosion-resistant profile with steel clip head, 0.40-mm thickness, and h=32-mm height	m	On the job	20,00
10.200.3096	Corrosion-resistant profile with steel clip head, 0.30-mm thickness, and h=25-mm height	m	On the job	16,85
10.200.3097	Corrosion-resistant profile with steel clip head, 0.40-mm thickness, and h=25-mm height	m	On the job	19,60
35-mm-WIDE INTERMEDIATE CARRIER T PROFILES				
10.200.3101	Profile with 0.30-mm thickness, and h=38-mm height	m	On the job	30,00
15-mm-WIDE MAIN CARRIER T PROFILES				
10.200.3111	Profile with 0.40-mm thickness, and h=38-mm height	m	On the job	16,30
10.200.3112	Profile with 0.30-mm thickness, and h=32-mm height	m	On the job	14,85
10.200.3113	Profile with 0.40-mm thickness, and h=32-mm height	m	On the job	14,85
10.200.3114	Grooved profile with 0.30-mm thickness, and h=45-mm height	m	On the job	36,20
10.200.3115	Profile with 0.40-mm thickness, and h=45-mm height	m	On the job	36,20
15-mm-WIDE INTERMEDIATE CARRIER T PROFILES				
10.200.3121	Profile with 0.40-mm thickness, and h=30-mm height	m	On the job	17,00
10.200.3122	Profile with steel clip head, 0.30-mm thickness, and h=32-mm height	m	On the job	17,05
10.200.3123	Grooved profile with 0.30-mm thickness, and h=45-mm height	m	On the job	38,95
10.200.3124	Grooved profile with 0.40-mm thickness, and h=45-mm height	m	On the job	41,80
10.200.3125	Edge L-profile (0.50 mm thickness)	m	On the job	9,45
10.200.3126	Edge L-profile 0.50-mm-thick, corrosion-resistant	m	On the job	18,60
10.200.3127	Edge Z-profile (0.40 mm - 0.60 mm thickness)	m	On the job	13,50
10.200.3128	Edge Z-profile (0.50 mm - 0.70 mm thickness)	m	On the job	20,35
10.200.3129	Suspension bar, 40 cm (4-mm galvanized bar, length: 40 cm)	Qty	On the job	1,00
10.200.3130	Suspension bar, 50 cm (4-mm galvanized bar, length: 50 cm)	Qty	On the job	1,65
10.200.3131	Suspension bar, 60 cm (4-mm galvanized bar, length: 60 cm)	Qty	On the job	1,71
10.200.3132	Suspension bar, 80 cm (4-mm galvanized bar, length: 80 cm)	Qty	On the job	2,15
10.200.3133	Suspension bar, 100 cm (4-mm galvanized bar, length: 100 cm)	Qty	On the job	2,42
10.200.3134	Suspension bar, 120 cm (4-mm galvanized bar, length: 120 cm)	Qty	On the job	3,14
10.200.3135	Suspension bar, above 120 cm (4-mm galvanized bar, length: above 120 cm)	Qty	On the job	3,58
10.200.3136	Double spring (made of 0.60-mm-thick spring steel, coated with phosphate and similar materials)	Qty	On the job	2,00
10.200.3137	Steel dowel pin (including 6 x 45 screws, barrels, angle irons and nuts)	Qty	On the job	1,93
GYPSUM PLASTER PROFILE				
10.200.3141	Gypsum plaster corner profile with ≥ 0.40 mm minimum thickness and 35 mm side wall height, made of hot-dip galvanized steel sheet with a minimum yield strength of $\geq 140\text{N/mm}^2$, $\geq \text{Z100}$	m	On the job	4,55
SQUARE AND RECTANGULAR PROFILE STEEL PIPES (TS EN 10305-5)				

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.200.3601	(average prices of the items no. 10.200.3602, 10.200.3603, 10.200.3605 and 10.200.3612 per kg are considered)	Kg	Factory	30,48
10.200.3602	10 x 10 x 1.0 mm	m	Factory	11,15
10.200.3603	15 x 15 x 1.0 mm	m	Factory	12,95
10.200.3604	20 x 20 x 1.0 mm	m	Factory	17,30
10.200.3605	25 x 25 x 1.0 mm	m	Factory	22,05
10.200.3606	25 x 25 x 1.2 mm	m	Factory	25,95
10.200.3607	30 x 30 x 1.0 mm	m	Factory	26,30
10.200.3608	30 x 30 x 1.2 mm	m	Factory	30,65
10.200.3609	30 x 30 x 1.5 mm	m	Factory	35,00
10.200.3610	40 x 40 x 1.5 mm	m	Factory	47,00
10.200.3611	40 x 40 x 2.0 mm	m	Factory	55,50
10.200.3612	50 x 50 x 2.0 mm	m	Factory	70,30
10.200.3613	10 x 20 x 1.0 mm	m	Factory	13,15
10.200.3614	10 x 30 x 1.0 mm	m	Factory	17,15
10.200.3615	15 x 25 x 1.0 mm	m	Factory	17,15
10.200.3616	20 x 30 x 1.0 mm	m	Factory	21,20
10.200.3617	20 x 40 x 1.0 mm	m	Factory	26,50
10.200.3618	20 x 40 x 1.5 mm	m	Factory	35,00
10.200.3619	30 x 40 x 1.5 mm	m	Factory	41,35
10.200.3620	30 x 50 x 1.5 mm	m	Factory	47,70
10.200.3621	30 x 50 x 2.0 mm	m	Factory	55,65
10.200.3622	40 x 60 x 2.0 mm	m	Factory	69,95
STEEL WIRES, STRANDS, AND BARS FOR PRESTRESSED CONCRETE				
10.200.3701	Prestressing wire (Plain surface) (Ø4 - 12 mm) (TS 3721)	Kg	Factory	27,20
10.200.3702	Prestressing wire (Notched surface) (Ø4 - 12 mm) (TS 3721)	Kg	Factory	28,00
10.200.3703	Prestressing wire (Ø0.5 inches) (Type 270 K) (TS EN 1537)	Kg	Factory	30,75
10.200.3704	Prestressing wire (Ø0.6 inches and above) (Type 270 K) (TS EN 1537)	Kg	Factory	30,75
FACADE MECHANICAL INSTALLATION COMPONENTS				
1- U-profile (stainless steel AISI 304)				
10.200.3801	35/35/3 mm	m	On the job	222,00
10.200.3802	40/30/3 mm	m	On the job	205,00
10.200.3803	40/40/3 mm	m	On the job	256,00
10.200.3804	50/50/3 mm	m	On the job	327,00
10.200.3805	40/40/4 mm	m	On the job	332,00
10.200.3806	50/50/4 mm	m	On the job	417,00
10.200.3807	50/50/5 mm	m	On the job	501,00
2- U-profile (ST 37 hot-dip galvanized)				
10.200.3821	35/35/3 mm	m	On the job	65,50
10.200.3822	40/30/3 mm	m	On the job	62,90
10.200.3823	40/40/3 mm	m	On the job	73,70
10.200.3824	50/50/3 mm	m	On the job	95,70
10.200.3825	40/40/4 mm	m	On the job	95,70
10.200.3826	50/50/4 mm	m	On the job	121,00
10.200.3827	50/50/5 mm	m	On the job	151,50

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
3- L-profile (stainless steel AISI 304)				
10.200.3841	30/30/3 mm	m	On the job	126,50
10.200.3842	40/40/3 mm	m	On the job	168,50
10.200.3843	50/50/3 mm	m	On the job	247,50
10.200.3844	40/40/4 mm	m	On the job	230,00
10.200.3845	50/50/4 mm	m	On the job	290,00
10.200.3846	50/50/5 mm	m	On the job	360,00
4- L-profile (ST 37 hot-dip galvanized)				
10.200.3861	30/30/3 mm	m	On the job	39,00
10.200.3862	40/40/3 mm	m	On the job	52,50
10.200.3863	50/50/3 mm	m	On the job	72,00
10.200.3864	40/40/4 mm	m	On the job	66,00
10.200.3865	50/50/4 mm	m	On the job	82,00
10.200.3866	50/50/5 mm	m	On the job	99,00
5- L-console (stainless steel AISI 304)				
10.200.3881	50/60 x 120 x 3 mm	Qty	On the job	33,50
10.200.3882	50/80 x 120 x 4 mm	Qty	On the job	52,00
10.200.3883	50/100 x 120 x 4 mm	Qty	On the job	60,50
10.200.3884	60/120 x 120 x 5 mm	Qty	On the job	88,00
10.200.3885	60/140 x 120 x 5 mm	Qty	On the job	96,50
6- L-console (ST 37 hot-dip galvanized)				
10.200.3901	50/60 x 120 x 3 mm	Qty	On the job	12,50
10.200.3902	50/80 x 120 x 4 mm	Qty	On the job	19,50
10.200.3903	50/100 x 120 x 4 mm	Qty	On the job	22,30
10.200.3904	60/120 x 120 x 5 mm	Qty	On the job	32,00
10.200.3905	60/140 x 120 x 5 mm	Qty	On the job	36,00
7-Z anchor (stainless steel AISI 304)				
10.200.3921	30 x 3 x Y20 mm	Qty	On the job	8,25
10.200.3922	30 x 3 x Y40 mm	Qty	On the job	12,00
10.200.3923	30 x 3 x Y60 mm	Qty	On the job	14,30
10.200.3924	30 x 3 x Y80 mm	Qty	On the job	18,00
10.200.3925	30 x 3 x Y100 mm	Qty	On the job	20,00
10.200.3926	30 x 4 x Y20 mm	Qty	On the job	12,00
10.200.3927	30 x 4 x Y40 mm	Qty	On the job	16,50
10.200.3928	30 x 4 x Y60 mm	Qty	On the job	18,50
10.200.3929	30 x 4 x Y80 mm	Qty	On the job	22,00
10.200.3930	30 x 4 x Y100 mm	Qty	On the job	25,80
10.200.3931	30 x 5 x Y20 mm	Qty	On the job	15,20
10.200.3932	30 x 5 x Y40 mm	Qty	On the job	18,70
10.200.3933	30 x 5 x Y60 mm	Qty	On the job	24,20
10.200.3934	30 x 5 x Y80 mm	Qty	On the job	27,80
10.200.3935	30 x 5 x Y100 mm	Qty	On the job	32,00
10.200.3936	40 x 5 x Y20 mm	Qty	On the job	18,70
10.200.3937	40 x 5 x Y40 mm	Qty	On the job	26,00
10.200.3938	40 x 5 x Y60 mm	Qty	On the job	30,50
10.200.3939	40 x 5 x Y80 mm	Qty	On the job	35,00
10.200.3940	40 x 5 x Y100 mm	Qty	On the job	42,50

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
8- L-anchor (stainless steel AISI 304)				
10.200.3951	30 x 30/30 x3 mm	Qty	On the job	6,60
10.200.3952	30 x 30/40 x 3 mm	Qty	On the job	7,40
10.200.3953	30 x 30/50 x 3 mm	Qty	On the job	7,80
10.200.3954	30 x 40/40 x 3 mm	Qty	On the job	7,80
10.200.3955	30 x 40/50 x 3 mm	Qty	On the job	8,40
10.200.3956	30 x 30/30 x 4 mm	Qty	On the job	7,80
10.200.3957	30 x 30/40 x 4 mm	Qty	On the job	8,90
10.200.3958	30 x 30/50 x 4 mm	Qty	On the job	9,90
10.200.3959	30 x 40/40 x 4 mm	Qty	On the job	9,90
9- Grouted anchor (Flat bar) (stainless steel AISI 304)				
10.200.3971	18 x 130 x 2.5 mm	Qty	On the job	6,60
10.200.3972	20 x 100 x 2.5 mm	Qty	On the job	5,50
10.200.3973	20 x 130 x 2.5 mm	Qty	On the job	7,20
10.200.3974	20 x 150 x 2.5 mm	Qty	On the job	7,70
10.200.3975	20 x 150 x 3 mm	Qty	On the job	9,00
10.200.3976	20 x 180 x 3 mm	Qty	On the job	10,50
10.200.3977	20 x 200 x 3 mm	Qty	On the job	11,80
10- Grouted anchor (rod) (stainless steel AISI 304)				
10.200.3991	Ø5 x 150 mm	Qty	On the job	2,70
10.200.3992	Ø6 x 150 mm	Qty	On the job	3,85
10.200.3993	Ø6 x 200 mm	Qty	On the job	5,00
10.200.3994	Ø8 x 150 mm	Qty	On the job	6,60
11- Jacketed dowel pin (stainless steel, AISI 304)				
10.200.4001	M6 x 80 mm	Qty	On the job	5,20
10.200.4002	M6 x 100 mm	Qty	On the job	5,95
10.200.4003	M8 x 80 mm	Qty	On the job	7,70
10.200.4004	M8 x 100 mm	Qty	On the job	8,40
10.200.4005	M10 x 80 mm	Qty	On the job	11,50
10.200.4006	M10 x 100 mm	Qty	On the job	12,65
10.200.4007	M10 x 120 mm	Qty	On the job	14,00
12- Jacketed dowel pin (ST 37, electrolytically galvanized)				
10.200.4021	M6 x 80 mm	Qty	On the job	2,25
10.200.4022	M6 x 100 mm	Qty	On the job	2,65
10.200.4023	M8 x 80 mm	Qty	On the job	3,20
10.200.4024	M8 x 100 mm	Qty	On the job	3,60
10.200.4025	M10 x 80 mm	Qty	On the job	4,50
10.200.4026	M10 x 100 mm	Qty	On the job	4,95
10.200.4027	M10 x 120 mm	Qty	On the job	5,25
13- Clip-on dowel pin (stainless steel, AISI 304)				
10.200.4041	M6 x 65 mm	Qty	On the job	5,60
10.200.4042	M6 x 80 mm	Qty	On the job	5,60
10.200.4043	M6 x 100 mm	Qty	On the job	6,60
10.200.4044	M8 x 70 mm	Qty	On the job	7,55
10.200.4045	M8 x 80 mm	Qty	On the job	7,90
10.200.4046	M8 x 100 mm	Qty	On the job	9,70
10.200.4047	M10 x 90 mm	Qty	On the job	14,50

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.200.4048	M10 x 120 mm	Qty	On the job	17,60
10.200.4049	M12 x 110 mm	Qty	On the job	23,10
10.200.4050	M12 x 120 mm	Qty	On the job	23,65
10.200.4051	M16 x 145 mm	Qty	On the job	51,50
14- Clip-on dowel pin (ST 37, electrolytically galvanized)				
10.200.4061	M6 x 65 mm	Qty	On the job	2,25
10.200.4062	M6 x 80 mm	Qty	On the job	2,65
10.200.4063	M6 x 100 mm	Qty	On the job	3,10
10.200.4064	M8 x 70 mm	Qty	On the job	3,60
10.200.4065	M8 x 80 mm	Qty	On the job	3,60
10.200.4066	M8 x 100 mm	Qty	On the job	4,10
10.200.4067	M10 x 90 mm	Qty	On the job	6,30
10.200.4068	M10 x 120 mm	Qty	On the job	7,15
10.200.4069	M12 x 110 mm	Qty	On the job	9,30
10.200.4070	M12 x 120 mm	Qty	On the job	9,70
10.200.4071	M16 x 145 mm	Qty	On the job	20,45
15- Sleeve anchor (stainless steel, AISI 304)				
10.200.4081	M6 x 60 mm	Qty	On the job	2,70
10.200.4082	M6 x 80 mm	Qty	On the job	9,30
10.200.4083	M8 x 60 mm	Qty	On the job	12,10
10.200.4084	M8 x 80 mm	Qty	On the job	13,90
10.200.4085	M8 x 100 mm	Qty	On the job	14,85
16- Sleeve anchor (ST 37, electrolytically galvanized)				
10.200.4091	M6 x 60 mm	Qty	On the job	3,60
10.200.4092	M6 x 80 mm	Qty	On the job	4,50
10.200.4093	M8 x 60 mm	Qty	On the job	5,55
10.200.4094	M8 x 80 mm	Qty	On the job	6,05
10.200.4095	M8 x 100 mm	Qty	On the job	6,95
17- Stud anchor (stainless steel, AISI 304)				
10.200.4101	M8 x 110 mm	Qty	On the job	10,55
10.200.4102	M10 x 130 mm	Qty	On the job	16,60
10.200.4103	M10 x 170 mm	Qty	On the job	18,50
10.200.4104	M12 x 160 mm	Qty	On the job	26,60
10.200.4105	M16 x 190 mm	Qty	On the job	50,05
10.200.4106	M20 x 240 mm	Qty	On the job	93,20
10.200.4107	M24 x 290 mm	Qty	On the job	156,00
18- Stud anchor (ST 37, electrolytically galvanized)				
10.200.4121	M8 x 110 mm	Qty	On the job	5,25
10.200.4122	M10 x 130 mm	Qty	On the job	6,65
10.200.4123	M10 x 170 mm	Qty	On the job	7,75
10.200.4124	M12 x 160 mm	Qty	On the job	9,70
10.200.4125	M16 x 190 mm	Qty	On the job	18,15
10.200.4126	M20 x 240 mm	Qty	On the job	32,00
10.200.4127	M24 x 290 mm	Qty	On the job	55,50
19- Adjusting arm (stainless steel, AISI 304)				
10.200.4141	M8 x 50 mm	Qty	On the job	2,25
10.200.4142	M8 x 60 mm	Qty	On the job	2,70

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.200.4143	M8 x 70 mm	Qty	On the job	2,70
10.200.4144	M10 x 50 mm	Qty	On the job	4,50
10.200.4145	M10 x 60 mm	Qty	On the job	4,75
10.200.4146	M10 x 70 mm	Qty	On the job	5,75
10.200.4147	M10 x 80 mm	Qty	On the job	6,55
10.200.4148	M12 x 50 mm	Qty	On the job	6,35
10.200.4149	M12 x 60 mm	Qty	On the job	7,15
10.200.4150	M12 x 70 mm	Qty	On the job	7,35
10.200.4151	M12 x 80 mm	Qty	On the job	8,35
10.200.4152	M14 x 50 mm	Qty	On the job	8,35
10.200.4153	M14 x 60 mm	Qty	On the job	9,35
10.200.4154	M14 x 70 mm	Qty	On the job	10,00
10.200.4155	M14 x 80 mm	Qty	On the job	12,00
10.200.4156	M16 x 50 mm	Qty	On the job	10,00
10.200.4157	M16 x 60 mm	Qty	On the job	12,00
10.200.4158	M16 x 70 mm	Qty	On the job	13,20
10.200.4159	M16 x 80 mm	Qty	On the job	14,60
20- Flanged pin (stainless steel, AISI 304)				
10.200.4171	Ø4 x 50 mm	Qty	On the job	1,05
10.200.4172	Ø4 x 60 mm	Qty	On the job	1,55
10.200.4173	Ø5 x 50 mm	Qty	On the job	1,75
10.200.4174	Ø5 x 60 mm	Qty	On the job	1,95
10.200.4175	Ø5 x 70 mm	Qty	On the job	2,25
10.200.4176	Ø6 x 60 mm	Qty	On the job	2,35
10.200.4177	Ø6 x 75 mm	Qty	On the job	2,70
21- Lock washer (stainless steel, AISI 304)				
10.200.4181	30/22/2.5 mm	Qty	On the job	2,45
10.200.4182	34/26/3 mm	Qty	On the job	3,20
22- Flat washer (stainless steel, AISI 304)				
10.200.4191	30/22/2.5 mm	Qty	On the job	1,85
10.200.4192	34/26/3 mm	Qty	On the job	2,70
23- Bolt (stainless steel, AISI A2 70)				
10.200.4201	M6 x 30 mm	Qty	On the job	1,10
10.200.4202	M6 x 60 mm	Qty	On the job	2,45
10.200.4203	M6 x 80 mm	Qty	On the job	2,80
10.200.4204	M8 x 25 mm	Qty	On the job	1,55
10.200.4205	M8 x 30 mm	Qty	On the job	1,85
10.200.4206	M8 x 40 mm	Qty	On the job	2,45
10.200.4207	M8 x 50 mm	Qty	On the job	2,45
10.200.4208	M8 x 60 mm	Qty	On the job	2,70
10.200.4209	M8 x 80 mm	Qty	On the job	4,70
10.200.4210	M8 x 100 mm	Qty	On the job	4,70
10.200.4211	M10 x 30 mm	Qty	On the job	2,70
10.200.4212	M10 x 40 mm	Qty	On the job	3,10
10.200.4213	M10 x 50 mm	Qty	On the job	3,85
10.200.4214	M12 x 30 mm	Qty	On the job	4,29
10.200.4215	M12 x 40 mm	Qty	On the job	4,70

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.200.4216	M12 x 50 mm	Qty	On the job	5,70
24-Bolt (ST 37, electrolytically galvanized)				
10.200.4231	M6 x 30 mm	Qty	On the job	0,55
10.200.4232	M6 x 60 mm	Qty	On the job	1,10
10.200.4233	M6 x 80 mm	Qty	On the job	1,10
10.200.4234	M8 x 25 mm	Qty	On the job	0,55
10.200.4235	M8 x 30 mm	Qty	On the job	0,75
10.200.4236	M8 x 40 mm	Qty	On the job	0,85
10.200.4237	M8 x 50 mm	Qty	On the job	1,10
10.200.4238	M8 x 60 mm	Qty	On the job	1,10
10.200.4239	M8 x 80 mm	Qty	On the job	1,55
10.200.4240	M8 x 100 mm	Qty	On the job	1,90
10.200.4241	M10 x 30 mm	Qty	On the job	1,10
10.200.4242	M10 x 40 mm	Qty	On the job	1,30
10.200.4243	M10 x 50 mm	Qty	On the job	1,55
10.200.4244	M12 x 30 mm	Qty	On the job	1,10
10.200.4245	M12 x 40 mm	Qty	On the job	1,55
10.200.4246	M12 x 50 mm	Qty	On the job	1,90
25 - Nut (stainless steel AISI A2)				
10.200.4261	M6	Qty	On the job	0,39
10.200.4262	M8	Qty	On the job	0,77
10.200.4263	M10	Qty	On the job	1,55
10.200.4264	M12	Qty	On the job	2,70
10.200.4265	M14	Qty	On the job	3,85
10.200.4266	M16	Qty	On the job	5,55
10.200.4267	M20	Qty	On the job	7,65
10.200.4268	M24	Qty	On the job	18,15
26-Nut (ST 37, electrolytically galvanized)				
10.200.4281	M6-8 (included)	Qty	On the job	0,25
10.200.4282	M10	Qty	On the job	0,75
10.200.4283	M12	Qty	On the job	0,75
10.200.4284	M14	Qty	On the job	1,10
10.200.4285	M16	Qty	On the job	1,10
10.200.4286	M20	Qty	On the job	3,25
10.200.4287	M24	Qty	On the job	6,10
27-Washer (stainless steel AISI 304)				
10.200.4301	M6-8 (included)	Qty	On the job	0,25
10.200.4302	M10	Qty	On the job	0,55
10.200.4303	M12	Qty	On the job	0,75
10.200.4304	M14	Qty	On the job	1,10
10.200.4305	M16	Qty	On the job	1,55
10.200.4306	M20	Qty	On the job	3,25
10.200.4307	M24	Qty	On the job	4,65
28-Washer (ST 37, electrolytically galvanized)				

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.200.4321	M6-14 (including 14)	Qty	On the job	0,33
10.200.4322	M16	Qty	On the job	0,55
10.200.4323	M20	Qty	On the job	0,77
10.200.4324	M24	Qty	On the job	1,10
29- Plastic cylinder				
10.200.4331	Ø7 x 30 mm	Qty	On the job	0,55
10.200.4332	Ø8 x 35 mm	Qty	On the job	1,10
30- Stainless steel bolts and nuts (AISI 304)				
10.200.4441	M 20 x 110	Qty	On the job	69,50
10.200.4442	M 20 x 120	Qty	On the job	69,50
10.200.4443	M 20 x 130	Qty	On the job	73,50
10.200.4444	M 20 x 140	Qty	On the job	79,50
10.200.4445	M 20 x 160	Qty	On the job	88,00
10.200.4446	M 20 x 180	Qty	On the job	95,50
10.200.4447	M 27 x 150	Qty	On the job	179,50
10.200.4448	M 27 x 170	Qty	On the job	196,50
10.200.4449	M 27 x 220	Qty	On the job	254,00
10.200.4450	M 30 x 200	Qty	On the job	297,00
10.200.4451	M 30 x 210	Qty	On the job	321,00
10.200.4452	M 33 x 220	Qty	On the job	387,00
10.200.4453	M 33 x 240	Qty	On the job	412,50
CORE BARREL, SAMPLER, DRILL PIPES, WELL PROTECTION COVERS, ETC.				
10.200.4501	Core Barrel (drilling) (Core sampling)	Qty	On the job	4.777,00
10.200.4502	Sampler	Qty	On the job	688,00
10.200.4503	Covered drilling pipe (St 33)	Kg	Factory	16,00
10.200.4504	Filter drilling pipe (St 33)	Kg	Factory	19,50
10.200.4505	3-inch steel pipe (St 37) (TS EN 10255+A1)	Kg	Factory	34,10
10.200.4506	Well protection pipe	m	Factory	144,50
10.200.4507	Iron pipe (Various sizes)	Kg	Factory	13,00
10.200.4508	Structural steel pipe with an outside diameter of 48.3 and wall thickness of min. 2.7 mm (TS EN 10219-2)	Kg	Factory	21,00
COATING MATERIALS				
NATURAL STONES (Honed or polished)				
	1) Prices of the natural stones in the Quotation List are for 2 x 30-40-50 x free length in cm. Other dimensions and thickness values shall be calculated by the following formula. k = The new coefficient identified, a = width (cm) b = length (cm) h = thickness (cm) k= (k1 x k2) - 1 k1= log (a x b)/log (180) - 0.22 (dimension increase coefficient) k2= log (h) / log (6) + 0.61 (thickness increase coefficient) Dimension increase coefficient shall be taken k1 = 1 for all free length. k = 1 for 2 x 30-40-50 x free length. 2) The aforementioned formulae for the dimension and thickness increase coefficients; a- Shall not apply to the natural stones with a dimension below 30 cm or both dimensions 60 cm and above (including 60 cm). b- Shall not apply to the thickness values of 2 to 5 cm (including 5 cm).			
WHITE AND GRAY MARBLES (Honed or polished) (TS EN 12057, TS EN 1467, TS EN 1468)				

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.1001	White Marble	m ²	On the job	325,00
10.240.1002	Afyon Honey (Afyon)	m ²	On the job	424,00
10.240.1003	Afyon White (Afyon)	m ²	On the job	560,00
10.240.1004	Afyon Gray (Afyon)	m ²	On the job	275,00
10.240.1005	Afyon Tiger Skin (Afyon)	m ²	On the job	275,00
10.240.1006	Afyon Cream (Afyon)	m ²	On the job	467,00
10.240.1007	Afyon Sugar (Afyon)	m ²	On the job	541,00
10.240.1008	Aydın Gray (Aydın)	m ²	On the job	346,00
10.240.1009	Bursa Kemalpaşa White (Bursa)	m ²	On the job	390,00
10.240.1010	Çanakkale Biga White (Çanakkale)	m ²	On the job	435,00
10.240.1011	Çanakkale Pearl (Çanakkale)	m ²	On the job	435,00
10.240.1012	Denizli White Marble (Denizli)	m ²	On the job	407,00
10.240.1013	Golden Crystal (Balıkesir)	m ²	On the job	440,00
10.240.1014	Kale Sugar (Muğla)	m ²	On the job	487,00
10.240.1015	Kavaklıdere Silver White (Muğla)	m ²	On the job	307,00
10.240.1016	Kütahya Tiger Skin (Kütahya)	m ²	On the job	284,00
10.240.1017	Marmara Adası Gray (Balıkesir)	m ²	On the job	371,00
10.240.1018	Marmara White (Balıkesir)	m ²	On the job	420,00
10.240.1019	Marmara Equator (Balıkesir)	m ²	On the job	860,00
10.240.1020	Marmara Silver (Balıkesir)	m ²	On the job	546,00
10.240.1021	Marmara Panda (Balıkesir)	m ²	On the job	604,00
10.240.1022	Milas (Muğla)	m ²	On the job	362,00
10.240.1023	Milas White, Muğla White (Muğla)	m ²	On the job	311,00
10.240.1024	Milas Lilac (Muğla)	m ²	On the job	437,00
10.240.1025	Milas Lemon (Muğla)	m ²	On the job	307,00
10.240.1026	Milas Pearl (Muğla)	m ²	On the job	321,00
10.240.1027	Sandıklı White (Afyon)	m ²	On the job	1.102,00
10.240.1028	Uşak White (Uşak)	m ²	On the job	451,00
10.240.1029	Afyon Cloud (Gray) (Afyon)	m ²	On the job	435,00
10.240.1030	Bianco Leopardo (Aydın)	m ²	On the job	282,00
10.240.1031	Bitlis White (Bitlis)	m ²	On the job	362,00
10.240.1032	Savana Gray (Kastamonu)	m ²	On the job	1.385,00
10.240.1033	Silver Gray (Burdur)	m ²	On the job	930,00
10.240.1034	Soft Gray (Burdur)	m ²	On the job	1.457,00
10.240.1035	Marmara Extra White (Balıkesir)	m ²	On the job	2.375,00
10.240.1036	Bursa Maroxy (Bursa)	m ²	On the job	394,00
10.240.1037	Gray Moca (Elazığ)	m ²	On the job	566,00
10.240.1038	Shadow Gray (Balıkesir)	m ²	On the job	593,00
10.240.1039	Daphne Gray (Antalya)	m ²	On the job	930,00
10.240.1040	Rolek Gray (Kastamonu)	m ²	On the job	840,00
10.240.1041	Rain Gray (Balıkesir)	m ²	On the job	600,00
10.240.1042	Helen of Troy Gray (Balıkesir)	m ²	On the job	465,00
10.240.1300	Any surface treatment (excluding honing and polishing, including burning, aging, sanding, hammering, filling, natural sizing, acid washing, etc.)	m ²	On the job	105,00
BEIGE AND PINK MARBLES (Honed or Polished) (TS EN 12057, TS EN 1467, TS EN 1468)				
10.240.1301	Light Beige	m ²	On the job	489,00
10.240.1302	Dark Beige	m ²	On the job	390,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.1303	Afyon Beige (Afyon)	m ²	On the job	288,00
10.240.1304	Amasya Classical Beige (Amasya)	m ²	On the job	450,00
10.240.1305	Amasya Regal Beige (Amasya)	m ²	On the job	390,00
10.240.1306	Ankara Anatolian Beige, Ankara Kazan Beige, Ankara Hittite Beige (Ankara)	m ²	On the job	363,00
10.240.1307	Best Cream (Malatya)	m ²	On the job	548,00
10.240.1308	Bilecik Ivory (Bilecik)	m ²	On the job	435,00
10.240.1309	Bilecik Light Beige (Bilecik)	m ²	On the job	510,00
10.240.1310	Bilecik Dark Beige (Bilecik)	m ²	On the job	394,00
10.240.1311	Bilecik Kremabil (Bilecik)	m ²	On the job	631,00
10.240.1312	Bilecik Pink (Bilecik)	m ²	On the job	535,00
10.240.1313	Bilecik Sugar Beige (Bilecik)	m ²	On the job	325,00
10.240.1314	Botticino (Diyarbakır)	m ²	On the job	408,00
10.240.1315	Botticino Royal (Diyarbakır)	m ²	On the job	518,00
10.240.1316	Burdur Beige (Burdur)	m ²	On the job	548,00
10.240.1317	Burdur Cappuccino Beige (Burdur)	m ²	On the job	566,00
10.240.1318	Burdur Sunset (Burdur)	m ²	On the job	724,00
10.240.1319	Bursa Cream (Bursa)	m ²	On the job	535,00
10.240.1320	Bursa Rosa (Bursa)	m ²	On the job	420,00
10.240.1321	Bursa Sugar Beige (Bursa)	m ²	On the job	345,00
10.240.1322	Bursa Beige (Bursa)	m ²	On the job	390,00
10.240.1323	Carmen Rossa (Manisa)	m ²	On the job	488,00
10.240.1324	Cream Rose (Bilecik)	m ²	On the job	350,00
10.240.1325	Crema Eda (Eskişehir)	m ²	On the job	535,00
10.240.1326	Çermik Beige (Diyarbakır)	m ²	On the job	443,00
10.240.1327	Çeşme Beige (İzmir)	m ²	On the job	375,00
10.240.1328	Çorum Tosya Beige (Çorum)	m ²	On the job	371,00
10.240.1329	Denizli Pink (Denizli)	m ²	On the job	310,00
10.240.1330	Diyarbakır Hazar Beige (Diyarbakır)	m ²	On the job	398,00
10.240.1331	Diyarbakır Hazar Rose (Diyarbakır)	m ²	On the job	398,00
10.240.1332	Diyarbakır Hazar Pink (Diyarbakır)	m ²	On the job	443,00
10.240.1333	Diyarbakır Kulp Beige (Diyarbakır)	m ²	On the job	398,00
10.240.1334	Diyarbakır Pink (Diyarbakır)	m ²	On the job	398,00
10.240.1335	Eflani Beige (Karabük)	m ²	On the job	535,00
10.240.1336	Erzincan Beige (Erzincan)	m ²	On the job	450,00
10.240.1337	Erzincan Beige, Green Striped (Erzincan)	m ²	On the job	420,00
10.240.1338	Eskişehir Beige, Sivrihisar Whipped Cream Beige (Eskişehir)	m ²	On the job	345,00
10.240.1339	Dusty Rose (Bilecik)	m ²	On the job	310,00
10.240.1340	Hani Beige (Diyarbakır)	m ²	On the job	360,00
10.240.1341	Harmankaya Pink (Bilecik)	m ²	On the job	406,00
10.240.1342	Karia Cream (Burdur)	m ²	On the job	655,00
10.240.1343	Lice Beige (Diyarbakır)	m ²	On the job	487,00
10.240.1344	Lotus Beige Dark (Bilecik)	m ²	On the job	446,00
10.240.1345	Lotus Beige Light (Bilecik)	m ²	On the job	630,00
10.240.1346	Lotus Cream (Bilecik)	m ²	On the job	653,00
10.240.1347	Lotus Rosalia (Bilecik)	m ²	On the job	446,00
10.240.1348	Malatya Beige (Malatya)	m ²	On the job	535,00
10.240.1349	Olive Maroon (Bursa)	m ²	On the job	331,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.1350	Perlato Giallo (Malatya)	m ²	On the job	535,00
10.240.1351	Perlato Rosa (Malatya)	m ²	On the job	472,00
10.240.1352	Rosalina (Bilecik)	m ²	On the job	350,00
10.240.1353	Rosalia Classic (Bilecik)	m ²	On the job	360,00
10.240.1354	Rosalia Light (Bilecik)	m ²	On the job	368,00
10.240.1355	Samsun Beige (Samsun)	m ²	On the job	375,00
10.240.1356	Sivrihisar Pink (Eskişehir)	m ²	On the job	397,00
10.240.1357	Yozgat Rosato Beige (Yozgat)	m ²	On the job	375,00
10.240.1358	Sivrihisar Coffee Beige (Eskişehir)	m ²	On the job	237,00
10.240.1359	Royal Cappuccino (Antalya)	m ²	On the job	262,00
10.240.1360	Silky Gray (Antalya)	m ²	On the job	331,00
10.240.1361	Royal Amber (Cream) Antalya	m ²	On the job	312,00
10.240.1362	Cappuccino (Beige) (Bilecik)	m ²	On the job	285,00
10.240.1363	Likya Beige (Burdur)	m ²	On the job	315,00
10.240.1364	Crema Likya Beige (Burdur)	m ²	On the job	312,00
10.240.1365	Burdur Brown (Red) (Burdur)	m ²	On the job	312,00
10.240.1366	Flamingo (Pink) (Burdur)	m ²	On the job	244,00
10.240.1367	New Botticino (Beige) (Diyarbakır)	m ²	On the job	442,00
10.240.1368	Düzce Beige (Düzce)	m ²	On the job	397,00
10.240.1369	Cremera Beige (Mersin)	m ²	On the job	397,00
10.240.1370	Cremasiva Beige (Mersin)	m ²	On the job	345,00
10.240.1371	Chamomile (Yellow) (Eskişehir)	m ²	On the job	506,00
10.240.1372	Balboursa Beige (Cream, Red, Green) (Muğla)	m ²	On the job	215,00
10.240.1373	Crema Barla (Beige) (Isparta)	m ²	On the job	529,00
10.240.1374	Senirkent Beige (Light Beige) (Isparta)	m ²	On the job	454,00
10.240.1375	Emelas Beige Marble (Izmir)	m ²	On the job	369,00
10.240.1376	Diana Rose (Beige Pink) (Konya)	m ²	On the job	443,00
10.240.1377	Nova Beige (Light Beige) (Mersin)	m ²	On the job	345,00
10.240.1378	Light Beige (Siirt)	m ²	On the job	345,00
10.240.1379	Golden Beige (Darende Beige) (Malatya)	m ²	On the job	840,00
10.240.1380	Bitlis Beige (Bitlis)	m ²	On the job	345,00
10.240.1381	Golden Emperador Beige (Bilecik)	m ²	On the job	235,00
10.240.1382	Tawny Beige (Bursa)	m ²	On the job	919,00
10.240.1383	Cappuccino Light (Bursa)	m ²	On the job	750,00
10.240.1384	Cafe Latte Dark (Bursa)	m ²	On the job	919,00
10.240.1385	Moca Dark Beige (Bursa)	m ²	On the job	844,00
10.240.1386	Apple Beige (Antalya)	m ²	On the job	1.112,00
10.240.1387	Myra Beige (Bursa)	m ²	On the job	1.112,00
10.240.1388	Prince Beige (Antalya)	m ²	On the job	1.112,00
10.240.1389	Afyon Cream Beige (Afyon)	m ²	On the job	556,00
10.240.1390	Afyon Yellow Beige (Afyon)	m ²	On the job	606,00
10.240.1391	Orient Pink (Diyarbakır)	m ²	On the job	525,00
10.240.1392	Koky Beige (Diyarbakır)	m ²	On the job	570,00
10.240.1393	Christine (Diyarbakır)	m ²	On the job	498,00
10.240.1394	Adara Cream (Kahramanmaraş)	m ²	On the job	506,00
10.240.1395	Sand Wave (Diyarbakır)	m ²	On the job	502,00
10.240.1396	Diyarbakır Beige (Diyarbakır)	m ²	On the job	472,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.1397	Ancient Beige (Burdur)	m ²	On the job	502,00
10.240.1398	Calista Cream (Burdur)	m ²	On the job	679,00
10.240.1399	Daino Reale (Burdur)	m ²	On the job	570,00
10.240.1400	Cafe Latte (Isparta)	m ²	On the job	503,00
10.240.1401	Agora Beige (Manisa)	m ²	On the job	1.170,00
10.240.1402	Mink Beige (Manisa)	m ²	On the job	723,00
10.240.1403	Crema Carita (Burdur)	m ²	On the job	608,00
10.240.1404	Hammer Beige (Burdur)	m ²	On the job	443,00
10.240.1405	Crema Dorlion (Bursa)	m ²	On the job	331,00
10.240.1406	Beige Moca (Elazığ)	m ²	On the job	369,00
10.240.1407	Van Beige (Van)	m ²	On the job	438,00
10.240.1408	Likya Royal (Burdur)	m ²	On the job	585,00
10.240.1409	Likya Pearl (Burdur)	m ²	On the job	630,00
10.240.1410	Lily (Burdur)	m ²	On the job	525,00
10.240.1411	Crema Nouva (Bilecik)	m ²	On the job	398,00
10.240.1412	Sahara Beige (Amasya)	m ²	On the job	288,00
10.240.1413	Apple Beige (Amasya)	m ²	On the job	288,00
10.240.1414	Sand Beige (Bursa)	m ²	On the job	331,00
10.240.1415	New Marfile (Bursa)	m ²	On the job	588,00
10.240.1416	Cream Valencia (Kastamonu)	m ²	On the job	308,00
10.240.1417	Crema Elegance (Eskişehir)	m ²	On the job	312,00
10.240.1418	Bronze Beige (Eskişehir)	m ²	On the job	330,00
10.240.1419	Crema Rosa (Eskişehir)	m ²	On the job	275,00
10.240.1420	Spider (Konya)	m ²	On the job	795,00
10.240.1421	Dalmatian (Konya)	m ²	On the job	662,00
10.240.1422	Sofita Beige (Bilecik)	m ²	On the job	218,00
10.240.1423	Roze Beige (Bilecik)	m ²	On the job	256,00
10.240.1424	Patara Beige (Muğla)	m ²	On the job	438,00
10.240.1425	Sandras Gray (Muğla)	m ²	On the job	840,00
10.240.1700	Any surface treatment (excluding honing and polishing, including burning, aging, sanding, hammering, filling, natural sizing, acid washing, etc.)	m ²	On the job	105,00
COLORED MARBLES (Honed or polished) (TS EN 12057, TS EN 1467, TS EN 1468)				
10.240.1701	Color Marble	m ²	On the job	398,00
10.240.1702	Afyon Violet (Afyon)	m ²	On the job	488,00
10.240.1703	Afyon Black (Afyon)	m ²	On the job	540,00
10.240.1704	Akşehir Black (Konya)	m ²	On the job	315,00
10.240.1705	Alanya Emperador Dark (Antalya)	m ²	On the job	750,00
10.240.1706	Alanya Emperador Light (Antalya)	m ²	On the job	481,00
10.240.1707	Alanya Black (Antalya)	m ²	On the job	608,00
10.240.1708	Balıkesir Bigadiç Collared Dove (Balıkesir)	m ²	On the job	450,00
10.240.1709	Burdur Rose (Burdur)	m ²	On the job	381,00
10.240.1710	Bursa Emperador (Bursa)	m ²	On the job	460,00
10.240.1711	Bursa Gold (Bursa)	m ²	On the job	488,00
10.240.1712	Cappuccino (Bursa)	m ²	On the job	544,00
10.240.1713	Cappuccino Royal (Diyarbakır)	m ²	On the job	683,00
10.240.1714	Dark Emperador (Burdur)	m ²	On the job	488,00
10.240.1715	Dark Olive (Sivas)	m ²	On the job	1.260,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.1716	Eflani Green (Karabük)	m ²	On the job	398,00
10.240.1717	Aegean Maroon (Wavy and Grainy) (Muğla)	m ²	On the job	500,00
10.240.1718	Aegean Maroon Space (Muğla)	m ²	On the job	775,00
10.240.1719	Aegean Coffee (Manisa)	m ²	On the job	488,00
10.240.1720	Elazığ Cherry (Rosso Levanto) (Elazığ)	m ²	On the job	750,00
10.240.1721	Izmir Teos Green (Izmir)	m ²	On the job	506,00
10.240.1722	Kale Bordeaux (Denizli)	m ²	On the job	775,00
10.240.1723	King Blue Stone (Kütahya)	m ²	On the job	345,00
10.240.1724	Kütahya Black (Kütahya)	m ²	On the job	405,00
10.240.1725	Kütahya Green (Kütahya)	m ²	On the job	375,00
10.240.1726	Maroon Marinace (Kastamonu)	m ²	On the job	1.050,00
10.240.1727	Milas Ice and Water Green (Muğla)	m ²	On the job	975,00
10.240.1728	Antigorite Petroleum Green (Elazığ)	m ²	On the job	608,00
10.240.1729	Prestige Brown (Kastamonu)	m ²	On the job	1.388,00
10.240.1730	Rosso Galiano (Bilecik)	m ²	On the job	506,00
10.240.1731	Safranbolu Eflani Fossiliferous Rustic Green (Karabük)	m ²	On the job	775,00
10.240.1732	Sandıklı Brown (Afyon)	m ²	On the job	775,00
10.240.1733	Sandıklı Black (Afyon)	m ²	On the job	500,00
10.240.1734	Sivas Silver (Sivas)	m ²	On the job	288,00
10.240.1735	Süpren (Eskişehir)	m ²	On the job	518,00
10.240.1736	Tokat Yeşilırmak Diabase (Dolerite) (Tokat)	m ²	On the job	1.075,00
10.240.1737	Notre Dame Breccia (Kayseri)	m ²	On the job	1.260,00
10.240.1738	Yellow River (Eskişehir)	m ²	On the job	625,00
10.240.1739	Chem Gray Black (Kulp) (Diyarbakır)	m ²	On the job	525,00
10.240.1740	Light Emperador (Light Brown) (Adıyaman)	m ²	On the job	428,00
10.240.1741	Sun Flower (Yellow Beige) (Şanlıurfa)	m ²	On the job	285,00
10.240.1742	Afyon Tiger Skin (Variegated Blue) (Afyon)	m ²	On the job	356,00
10.240.1743	Grigio Alanya (Gray) (Antalya)	m ²	On the job	600,00
10.240.1744	Verde Rosa (Aydın)	m ²	On the job	285,00
10.240.1745	Verde Arabescato (Aydın)	m ²	On the job	248,00
10.240.1746	Royal Violet (Aydın)	m ²	On the job	285,00
10.240.1747	Marronvenk Black (Elazığ)	m ²	On the job	450,00
10.240.1748	Söğüt Beige (Dark Beige) (Bilecik)	m ²	On the job	285,00
10.240.1749	Gold Beige (Dark Yellow) (Bilecik)	m ²	On the job	345,00
10.240.1750	Halfeti Pink (Şanlıurfa)	m ²	On the job	345,00
10.240.1751	Maroon Grizo (Eskişehir)	m ²	On the job	256,00
10.240.1752	Pansy Green (Hareli) (Kütahya)	m ²	On the job	600,00
10.240.1753	Violet (Hareli) (Kütahya)	m ²	On the job	600,00
10.240.1754	Golden Leopard (Yellow) (Şanlıurfa)	m ²	On the job	237,00
10.240.1755	Bitlis Smoke-gray (Bitlis)	m ²	On the job	450,00
10.240.1756	Olive Gray (Sivas)	m ²	On the job	1.290,00
10.240.1757	Olive Marone Green (Bursa)	m ²	On the job	1.112,50
10.240.1758	Brunette (Konya)	m ²	On the job	1.112,50
10.240.1759	Olive Pearl (Bursa)	m ²	On the job	1.575,00
10.240.1760	Tulip Black (Diyarbakır)	m ²	On the job	1.750,00
10.240.1761	Brown Espera (Adıyaman)	m ²	On the job	615,00
10.240.1762	Reddish Brown (Denizli)	m ²	On the job	525,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.1763	Silver Black (Afyon)	m ²	On the job	675,00
10.240.1764	Portoro (Antalya)	m ²	On the job	663,00
10.240.1765	Salome (Eskişehir)	m ²	On the job	288,00
10.240.1766	Golden Spider (Eskişehir)	m ²	On the job	288,00
10.240.1767	Black Pearl (Diyarbakır)	m ²	On the job	450,00
10.240.2000	Any surface treatment (excluding honing and polishing, including burning, aging, sanding, hammering, filling, natural sizing, acid washing, etc.)	m ²	On the job	105,00
ONYX (Honed or polished) (TS EN 12057, TS EN 1467, TS EN 1468)				
10.240.2001	Fantasy Onyx (Bayburt)	m ²	On the job	2.450,00
10.240.2002	Onyx Honey (Eskişehir)	m ²	On the job	556,00
10.240.2003	White Onyx (Bayburt)	m ²	On the job	3.100,00
10.240.2004	Onyx Marble (Afyon)	m ²	On the job	1.450,00
10.240.2005	Sivas Onyx (Sivas)	m ²	On the job	950,00
10.240.2006	Picasso Onyx (Eskişehir)	m ²	On the job	1.750,00
10.240.2007	Honey Onyx (Afyon)	m ²	On the job	1.650,00
10.240.2008	Cola Onyx (Afyon)	m ²	On the job	1.550,00
10.240.2009	Honey Onyx Akhisar (Manisa)	m ²	On the job	1.706,00
10.240.2010	Demirci Onyx (Manisa)	m ²	On the job	2.678,00
10.240.2011	Onyx Fantastico (Eskişehir)	m ²	On the job	1.500,00
10.240.2012	Nuvola Onyx (Eskişehir)	m ²	On the job	1.550,00
10.240.2100	Any surface treatment (excluding honing and polishing, including burning, aging, sanding, hammering, filling, natural sizing, acid washing, etc.)	m ²	On the job	105,00
TRAVERTINES (Honed or polished)				
10.240.2101	Light-colored Travertine	m ²	On the job	428,00
10.240.2102	Dark-colored Travertine	m ²	On the job	345,00
10.240.2103	Afyon Beige Travertine (Afyon)	m ²	On the job	275,00
10.240.2104	Aizona Cream (Balıkesir)	m ²	On the job	656,00
10.240.2105	Arizona Pink (Balıkesir)	m ²	On the job	569,00
10.240.2106	Arizona Red (Balıkesir)	m ²	On the job	544,00
10.240.2107	Arizona Red Coffee (Balıkesir)	m ²	On the job	525,00
10.240.2108	Antique Red Travertine (Kütahya)	m ²	On the job	450,00
10.240.2109	Balıkesir Noche Travertine (Balıkesir)	m ²	On the job	569,00
10.240.2110	Balıkesir Scabos (Balıkesir)	m ²	On the job	569,00
10.240.2111	Bayburt Light Travertine (Bayburt)	m ²	On the job	488,00
10.240.2112	Chestnut Travertine (Tokat)	m ²	On the job	369,00
10.240.2113	Chocolate (Kütahya)	m ²	On the job	781,00
10.240.2114	Chocolate (Balıkesir)	m ²	On the job	625,00
10.240.2115	Coffee Milk (Balıkesir)	m ²	On the job	544,00
10.240.2116	Denizli Classical Travertine (Denizli)	m ²	On the job	458,00
10.240.2117	Denizli White Travertine (Denizli)	m ²	On the job	625,00
10.240.2118	Denizli Travertine Dark (Denizli)	m ²	On the job	405,00
10.240.2119	Denizli Travertine Light (Denizli)	m ²	On the job	585,00
10.240.2120	Elazığ Yellow Travertine (Elazığ)	m ²	On the job	488,00
10.240.2121	Giresun Classical Light (Giresun)	m ²	On the job	488,00
10.240.2122	Golden (Kütahya)	m ²	On the job	781,00
10.240.2123	Kırşehir Noche Travertine (Kırşehir)	m ²	On the job	387,00
10.240.2124	Konya Travertine (Konya)	m ²	On the job	525,00
10.240.2125	Leonardo (Kütahya)	m ²	On the job	850,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.2126	Rainbow (Balıkesir)	m ²	On the job	750,00
10.240.2127	Rose Travertine (Kütahya)	m ²	On the job	444,00
10.240.2128	Rosewood (Balıkesir)	m ²	On the job	488,00
10.240.2129	Sitra Classical Travertine (Sivas)	m ²	On the job	390,00
10.240.2130	Sivas Yellow Travertine (Sivas)	m ²	On the job	458,00
10.240.2131	Sivas Scabos (Sivas)	m ²	On the job	458,00
10.240.2132	Toscana (Kütahya)	m ²	On the job	569,00
10.240.2133	Walnut Travertine (Denizli)	m ²	On the job	443,00
10.240.2134	Scabos Gold (Elazığ)	m ²	On the job	356,00
10.240.2135	Tuscany Porcini (Elazığ)	m ²	On the job	356,00
10.240.2136	Rustic Gold (Elazığ)	m ²	On the job	356,00
10.240.2137	Caribbean (Manisa)	m ²	On the job	569,00
10.240.2138	Mystic Travertine (Brown) (Sivas)	m ²	On the job	313,00
10.240.2139	Denizli Travertine Cross (Denizli)	m ²	On the job	369,00
10.240.2140	Denizli Travertine Vein (Denizli)	m ²	On the job	469,00
10.240.2141	Afyon Travertine Noche (Afyon)	m ²	On the job	338,00
10.240.2142	Afyon Cream Travertine (Afyon)	m ²	On the job	608,00
10.240.2143	Afyon Yellow Travertine (Afyon)	m ²	On the job	606,00
10.240.2144	Denizli Yellow Travertine (Denizli)	m ²	On the job	458,00
10.240.2145	Pewter Blend (Afyon)	m ²	On the job	469,00
10.240.2146	Mare Gold (Konya)	m ²	On the job	443,00
10.240.2300	Any surface treatment (excluding honing and polishing, including burning, aging, sanding, hammering, filling, natural sizing, acid washing, etc.)	m ²	On the job	105,00
LIMESTONE (Honed or polished) (TS EN 12057, TS EN 1467, TS EN 1468)				
10.240.2301	Crema Classic (Antalya)	m ²	On the job	398,00
10.240.2302	Crema Cloudy (Antalya)	m ²	On the job	338,00
10.240.2303	Emgoni (Sakarya)	m ²	On the job	1.050,00
10.240.2304	Arykanda Limestone (White) (Antalya)	m ²	On the job	325,00
10.240.2305	Caribbean Cream (Antalya)	m ²	On the job	369,00
10.240.2306	Canarian Cream (Antalya)	m ²	On the job	325,00
10.240.2307	Champagne (Antalya)	m ²	On the job	325,00
10.240.2308	Cybele (Antalya)	m ²	On the job	369,00
10.240.2309	Anatolian White (Yozgat)	m ²	On the job	325,00
10.240.2400	Any surface treatment (excluding honing and polishing, including burning, aging, sanding, hammering, filling, natural sizing, acid washing, etc.)	m ²	On the job	105,00
GRANITES (Honed or polished) (TS 6234, TS 699)				
10.240.2401	Aksaray Pink, Ortaköy Pink (Aksaray)	m ²	On the job	1.260,00
10.240.2402	Aksaray Pasture (Aksaray)	m ²	On the job	1.260,00
10.240.2403	Balaban Green (Kırklareli)	m ²	On the job	1.620,00
10.240.2404	Bergama Gray (İzmir)	m ²	On the job	1.027,00
10.240.2405	Bulancak Smoke-gray (Giresun)	m ²	On the job	1.635,00
10.240.2406	Hirfanlı Gray (Kırşehir)	m ²	On the job	1.222,00
10.240.2407	Ezine Gray (Çanakkale)	m ²	On the job	844,00
10.240.2408	Koçaz Pink (Kırklareli)	m ²	On the job	975,00
10.240.2409	Ankara Smoke-gray (Ankara)	m ²	On the job	1.402,00
10.240.2410	Hisar Gray (Eskişehir)	m ²	On the job	1.402,00
10.240.2411	Diana Gray (Ağrı)	m ²	On the job	581,00
10.240.2412	Nero Nebiyan (Samsun)	m ²	On the job	1.068,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.2413	Beypazarı Gray Rose (Ankara)	m ²	On the job	975,00
10.240.2414	İspir Green (Erzurum)	m ²	On the job	1.168,00
10.240.2415	İspir Gray (Erzurum)	m ²	On the job	1.050,00
10.240.2416	Pazaryolu Emerald (Rize)	m ²	On the job	1.112,00
	Note: Aforementioned materials with item no. 10.240.2401-2416 shall be sent to tests per the standard TS 699 within the knowledge of the administration. Laboratory test reports (water absorption rate, abrasion and pressure resistance) shall be requested with the payment receipt.			
10.240.2500	Any surface treatment (excluding honing and polishing, including burning, aging, sanding, hammering, filling, natural sizing, acid washing, etc.)	m ²	On the job	189,00
DIABASES (Honed or polished) (TS EN 12057, TS EN 1467, TS EN 1468)				
10.240.2501	Dark Green Diabase (Bursa)	m ²	On the job	855,00
10.240.2502	Alanya Green Diabase (Antalya)	m ²	On the job	1.944,00
10.240.2600	Any surface treatment (excluding honing and polishing, including burning, aging, sanding, hammering, filling, natural sizing, acid washing, etc.)	m ²	On the job	126,00
ANDESITE CURBS AND SLABS (TS 10835)				
Andesite Curbs				
10.240.2601	10 x 10 x 50 cm	Qty	On the job	103,00
10.240.2602	10 x 15 x 50 cm	Qty	On the job	144,00
10.240.2603	10 x 20 x 50 cm	Qty	On the job	159,00
10.240.2604	10 x 25 x 50 cm	Qty	On the job	181,00
10.240.2605	10 x 30 x 50 cm	Qty	On the job	198,00
10.240.2606	15 x 15 x 50 cm	Qty	On the job	225,00
10.240.2607	15 x 20 x 50 cm	Qty	On the job	252,00
10.240.2608	15 x 25 x 50 cm	Qty	On the job	297,00
10.240.2609	15 x 30 x 50 cm	Qty	On the job	315,00
10.240.2610	15 x 40 x 50 cm (horizontal curb)	Qty	On the job	378,00
10.240.2611	10 x 10 x 70 cm	Qty	On the job	144,00
10.240.2612	10 x 15 x 70 cm	Qty	On the job	195,00
10.240.2613	10 x 20 x 70 cm	Qty	On the job	225,00
10.240.2614	10 x 25 x 70 cm	Qty	On the job	258,00
10.240.2615	10 x 30 x 70 cm	Qty	On the job	270,00
10.240.2616	15 x 15 x 70 cm	Qty	On the job	297,00
10.240.2617	15 x 20 x 70 cm	Qty	On the job	354,00
10.240.2618	15 x 25 x 70 cm	Qty	On the job	414,00
10.240.2619	15 x 30 x 70 cm	Qty	On the job	429,00
10.240.2620	15 x 40 x 70 cm	Qty	On the job	468,00
10.240.2621	8 x 20 x 50 cm gutter stone	m	On the job	378,00
Andesite Slabs				
A-3 cm thickness				
10.240.2641	15 x 15 cm size	m ²	On the job	354,00
10.240.2642	20 x 20 cm size	m ²	On the job	378,00
10.240.2643	30 x 30 cm size	m ²	On the job	423,00
10.240.2644	40 x 40 cm size	m ²	On the job	480,00
10.240.2645	50 x 50 cm size	m ²	On the job	549,00
10.240.2646	15 cm x free length	m ²	On the job	297,00
10.240.2647	20 cm x free length	m ²	On the job	324,00
10.240.2648	30 cm x free length	m ²	On the job	354,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.2649	40 cm x free length	m ²	On the job	429,00
10.240.2650	50 cm x free length	m ²	On the job	480,00
B- 4-cm thick				
10.240.2661	15 x 15 cm size	m ²	On the job	423,00
10.240.2662	20 x 20 cm size	m ²	On the job	504,00
10.240.2663	30 x 30 cm size	m ²	On the job	486,00
10.240.2664	40 x 40 cm size	m ²	On the job	531,00
10.240.2665	50 x 50 cm size	m ²	On the job	549,00
10.240.2666	15 cm x free length	m ²	On the job	360,00
10.240.2667	20 cm x free length	m ²	On the job	387,00
10.240.2668	30 cm x free length	m ²	On the job	423,00
10.240.2669	40 cm x free length	m ²	On the job	459,00
10.240.2670	50 cm x free length	m ²	On the job	486,00
C- 5-cm thick				
10.240.2681	15 x 15 cm size	m ²	On the job	450,00
10.240.2682	20 x 20 cm size	m ²	On the job	477,00
10.240.2683	30 x 30 cm size	m ²	On the job	504,00
10.240.2684	40 x 40 cm size	m ²	On the job	549,00
10.240.2685	50 x 50 cm size	m ²	On the job	585,00
10.240.2686	15 cm x free length	m ²	On the job	387,00
10.240.2687	20 cm x free length	m ²	On the job	405,00
10.240.2688	30 cm x free length	m ²	On the job	459,00
10.240.2689	40 cm x free length	m ²	On the job	486,00
10.240.2690	50 cm x free length	m ²	On the job	504,00
D- 6-cm thick				
10.240.2701	15 x 15 cm size	m ²	On the job	468,00
10.240.2702	20 x 20 cm size	m ²	On the job	495,00
10.240.2703	30 x 30 cm size	m ²	On the job	531,00
10.240.2704	40 x 40 cm size	m ²	On the job	576,00
10.240.2705	50 x 50 cm size	m ²	On the job	621,00
10.240.2706	15 cm x free length	m ²	On the job	405,00
10.240.2707	20 cm x free length	m ²	On the job	432,00
10.240.2708	30 cm x free length	m ²	On the job	477,00
10.240.2709	40 cm x free length	m ²	On the job	603,00
10.240.2710	50 cm x free length	m ²	On the job	548,00
E- 3-cm-thick impactite (made from 6-cm-thick stones)				
10.240.2721	10 x 10 cm	m ²	On the job	495,00
10.240.2722	15 x 15 cm size	m ²	On the job	513,00
10.240.2723	20 x 20 cm size	m ²	On the job	549,00
10.240.2724	10 cm x free length	m ²	On the job	432,00
10.240.2725	15 cm x free length	m ²	On the job	450,00
10.240.2726	20 cm x free length	m ²	On the job	459,00
	Note: Intermediate values for andesite curbs and slabs shall be determined by interpolation.			
10.240.2741	Korgun pink (4-cm thick and in any size)	m ²	On the job	342,00
10.240.2742	Korgun pink (6-cm thick and in any size)	m ²	On the job	441,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.2743	Kurşunlu black (4-cm thick and in any size)	m²	On the job	387,00
10.240.2744	Kurşunlu black (6-cm thick and in any size)	m²	On the job	486,00
	Note: Intermediate values shall be interpolated.			
BASALT STONE				
1-Curbs				
10.240.2901	10 x 15 x 50 cm	Qty	On the job	126,00
10.240.2902	10 x 20 x 50 cm	Qty	On the job	156,00
10.240.2903	10 x 25 x 50 cm	Qty	On the job	198,00
10.240.2904	10 x 30 x 50 cm	Qty	On the job	225,00
2-Slabs				
Note: Intermediate values shall be interpolated				
10.240.2911	2 x 30 x 30 cm	m²	On the job	369,00
10.240.2912	2 x 40 x 40 cm	m²	On the job	423,00
10.240.2913	2 x 30 x free length	m²	On the job	315,00
10.240.2914	2 x 40 x free length	m²	On the job	342,00
10.240.2915	3 x 30 x 30 cm	m²	On the job	423,00
10.240.2916	3 x 40 x 40 cm	m²	On the job	477,00
10.240.2917	3 x 30 x free length	m²	On the job	342,00
10.240.2918	3 x 40 x free length	m²	On the job	405,00
10.240.2919	4 x 30 x 30 cm	m²	On the job	513,00
10.240.2920	4 x 40 x 40 cm	m²	On the job	530,00
10.240.2921	4 x 30 x free length	m²	On the job	415,00
10.240.2922	4 x 40 x free length	m²	On the job	480,00
10.240.2923	5 x 30 x 30 cm	m²	On the job	560,00
10.240.2924	5 x 40 x 40 cm	m²	On the job	640,00
10.240.2925	5 x 30 x free length	m²	On the job	495,00
10.240.2926	5 x 40 x free length	m²	On the job	540,00
10.240.2927	6 x 30 x free length	m²	On the job	605,00
10.240.2928	6 x 40 x free length	m²	On the job	675,00
REGIONAL NATURAL STONES (In any size depending on the project)				
10.240.3001	Bayburt stone (Tuff, tuffite) (4-cm slab)	m²	On the job	104,00
Ignimbrite coating stone (Slab)				
10.240.3011	Black and red (4 to 6-cm thick)	m²	On the job	109,00
10.240.3012	White (4 to 6-cm thick)	m²	On the job	206,00
Kayseri stone (Slab)				
10.240.3021	Mimarsinan stone (3-cm thick)	m²	On the job	206,00
10.240.3022	Mancusun stone (3-cm thick)	m²	On the job	206,00
10.240.3023	Erkilet stone (2-cm thick)	m²	On the job	181,00
10.240.3024	Tomarza stone (2-cm thick)	m²	On the job	181,00
Siirt stone (Slab)				
10.240.3031	3-cm thick	m²	On the job	143,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.3032	4-cm thick	m ²	On the job	156,00
10.240.3033	5-cm thick	m ²	On the job	175,00
10.240.3034	6-cm thick	m ²	On the job	188,00
Düzce stone				
a) 3-cm-thick slabs (black - unpolished)				
10.240.3041	3 x 10 x 40 cm	m ²	On the job	281,00
10.240.3042	3 x 10 x free length cm	m ²	On the job	275,00
10.240.3043	3 x 20 x 40 cm	m ²	On the job	306,00
10.240.3044	3 x 20 x free length cm	m ²	On the job	287,00
10.240.3045	3 x 30 x 40 cm	m ²	On the job	338,00
10.240.3046	3 x 30 x free length cm	m ²	On the job	315,00
b) 4-cm-thick slabs (black - unpolished)				
10.240.3051	4 x 10 x 40 cm	m ²	On the job	369,00
10.240.3052	4 x 10 x free length cm	m ²	On the job	350,00
10.240.3053	4 x 20 x 40 cm	m ²	On the job	381,00
10.240.3054	4 x 20 x free length cm	m ²	On the job	369,00
10.240.3055	4 x 30 x 40 cm	m ²	On the job	406,00
10.240.3056	4 x 30 x free length cm	m ²	On the job	394,00
c) Curbs (chamfered) (black - unpolished)				
10.240.3061	15 x 15 x 50 cm	Qty	On the job	206,00
10.240.3062	15 x 15 x 35 cm	Qty	On the job	153,00
10.240.3063	15 x 15 x 70 cm	Qty	On the job	281,00
10.240.3064	10 x 10 x 50 cm	Qty	On the job	156,00
10.240.3065	10 x 10 x 35 cm	Qty	On the job	109,00
10.240.3066	10 x 10 x 70 cm	Qty	On the job	213,00
d) Gutter (black - unpolished)				
10.240.3071	6 x 20 x free length cm	m	On the job	225,00
Döğer Tuff Stone (Afyonkarahisar)				
Panels (in any size)				
10.240.3081	3-cm thick	m ²	On the job	613,00
10.240.3082	4 cm thick	m ²	On the job	725,00
10.240.3083	5-cm thick	m ²	On the job	844,00
10.240.3084	6-cm thick	m ²	On the job	944,00
10.240.3085	7-cm thick	m ²	On the job	1.050,00
10.240.3086	8-cm thick	m ²	On the job	1.168,00
Wall Blocks (30 cm x 50 cm) (Prices of other thicknesses shall be interpolated.)				
10.240.3091	10-cm thick	m ²	On the job	1.100,00
10.240.3092	15-cm thick	m ²	On the job	1.510,00
10.240.3093	20-cm thick	m ²	On the job	1.940,00
10.240.3094	25 cm thick	m ²	On the job	2.355,00
10.240.3095	30 cm thick	m ²	On the job	2.775,00
10.240.3096	35 cm thick	m ²	On the job	3.175,00
10.240.3097	40 cm thick	m ²	On the job	3.594,00
Jamb/Floor Molding, etc. (min. 10 cm thickness) (Prices of other widths shall be interpolated.)				
10.240.3101	10 cm wide	m	On the job	221,00
10.240.3102	15 cm wide	m	On the job	275,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.3103	20 cm wide	m	On the job	331,00
10.240.3104	25 cm wide	m	On the job	388,00
10.240.3105	30 cm wide	m	On the job	450,00
10.240.3106	35 cm wide	m	On the job	500,00
MARBLE/STONE POWDER - CHIPS				
10.240.3201	Marble chips (White)	Tons	On the job	263,00
10.240.3202	Marble chips (Color)	Tons	On the job	312,00
10.240.3203	Marble powder (White)	Tons	On the job	221,00
10.240.3204	Marble powder (Color)	Tons	On the job	275,00
10.240.3205	Natural stone chips	Tons	On the job	212,00
10.240.3206	Natural stone powder	Tons	On the job	262,00
CERAMIC TILES				
	These materials shall be sent to tests for compliance with TS EN 14411 if required by the administration. Laboratory test reports (water absorption, breaking and abrasion strength) shall be required to be submitted with the payment receipt.			
Ceramic Floor Tiles (First Quality) (TS EN 14411 - Dry-pressed ceramic tiles - Low water absorption 0.5% < E < 3% group BIb)				
10.240.3301	White floor tile with any pattern and surface characteristics (20 x 20 cm nominal size)	m²	On the job	156,00
10.240.3302	White floor tile with any pattern and surface characteristics (30 x 30 cm - 33 x 33 cm nominal size)	m²	On the job	149,00
10.240.3303	White floor tile with any pattern and surface characteristics (40 x 40 cm nominal size)	m²	On the job	151,00
10.240.3304	White floor tile with any pattern and surface characteristics (42.5 x 42.5 cm - 45 x 45 cm nominal size)	m²	On the job	156,00
10.240.3351	Colored floor tile with any pattern and surface characteristics (20 x 20 cm nominal size)	m²	On the job	165,00
10.240.3352	Colored floor tile with any pattern and surface characteristics (30 x 30 cm - 33 x 33 cm nominal size)	m²	On the job	156,00
10.240.3353	Colored floor tile with any pattern and surface characteristics (40 x 40 cm nominal size)	m²	On the job	164,00
10.240.3354	Colored floor tile with any pattern and surface characteristics (42.5 x 42.5 cm - 45 x 45 cm nominal size)	m²	On the job	164,00
	Note: Extra 7 TRY shall be charged if ceramic floor tiles are rectified.			
Ceramic Wall Tiles (First Quality) (TS EN 14411 – Dry-pressed ceramic tiles, E > 10%, Group BIII)				
10.240.3401	White wall tile with any pattern and surface characteristics (10 x 10 cm nominal size, meshed)	m²	On the job	208,00
10.240.3402	White wall tile with any pattern and surface characteristics (20 x 20 cm nominal size)	m²	On the job	150,00
10.240.3403	White wall tile with any pattern and surface characteristics (20 x 25 cm - 20 x 30 cm nominal size)	m²	On the job	180,00
10.240.3404	White wall tile with any pattern and surface characteristics (20 x 40 cm - 20 x 45 cm nominal size)	m²	On the job	165,00
10.240.3405	White wall tile with any pattern and surface characteristics (25 x 33 cm - 25 x 40 cm nominal size)	m²	On the job	165,00
10.240.3406	White wall tile with any pattern and surface characteristics (20 x 60 cm - 30 x 60 cm - 33 x 60 cm nominal size)	m²	On the job	212,00
10.240.3407	White wall tile with any pattern and surface characteristics (20 x 50 cm - 25 x 50 cm - 30 x 45 cm - 33 x 45 cm nominal size)	m²	On the job	154,00
10.240.3408	White wall tile with any pattern and surface characteristics (30 x 90 cm - 33 x 90 cm - 33 x 100 cm - 31 x 92 cm nominal size)	m²	On the job	304,00
10.240.3409	White wall tile with any pattern and surface characteristics (25 x 70 cm - 25 x 75 cm - 40 x 80 cm nominal size)	m²	On the job	289,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.3451	Colored wall tile with any pattern and surface characteristics (10 x 10 cm nominal size, meshed)	m²	On the job	220,00
10.240.3452	Colored wall tile with any pattern and surface characteristics (20 x 20 cm nominal size)	m²	On the job	166,00
10.240.3453	Colored wall tile with any pattern and surface characteristics (20 x 25 cm - 20 x 30 cm nominal size)	m²	On the job	193,00
10.240.3454	Colored wall tile with any pattern and surface characteristics (20 x 40 cm - 20 x 45 cm nominal size)	m²	On the job	170,00
10.240.3455	Colored wall tile with any pattern and surface characteristics (25 x 33 cm - 25 x 40 cm nominal size)	m²	On the job	170,00
10.240.3456	Colored wall tile with any pattern and surface characteristics (20 x 60 cm - 30 x 60 cm - 33 x 60 cm nominal size)	m²	On the job	223,00
10.240.3457	Colored wall tile with any pattern and surface characteristics (20 x 50 cm - 25 x 50 cm - 30 x 45 cm - 33 x 45 cm nominal size)	m²	On the job	166,00
10.240.3458	Colored wall tile with any pattern and surface characteristics (30 x 90 cm - 33 x 90 cm - 33 x 100 cm - 31 x 92 cm nominal size)	m²	On the job	317,00
10.240.3459	Colored wall tile with any pattern and surface characteristics (25 x 70 cm - 25 x 75 cm - 40 x 80 cm nominal size)	m²	On the job	304,00
	Note: Extra TRY 7 shall be charged if ceramic wall tiles are rectified.			
Gazed Porcelain Tiles (First Class) (TS EN 14411 - Dry-pressed ceramic tiles - Low water absorption E < 0.5% group BIa)				
10.240.3501	White, glazed porcelain tile with any pattern and surface characteristics (10 x 10 cm nominal size, meshed)	m²	On the job	300,00
10.240.3502	White, glazed porcelain tile with any pattern and surface characteristics (10 x 20 cm - 12.5 x 25 cm - 12 x 24.5 cm nominal size)	m²	On the job	250,00
10.240.3503	White, glazed porcelain tile with any pattern and surface characteristics (20 x 20 cm nominal size)	m²	On the job	245,00
10.240.3504	White, glazed porcelain tile with any pattern and surface characteristics (30 x 30 cm - 33 x 33 cm nominal size)	m²	On the job	220,00
10.240.3505	White, glazed porcelain tile with any pattern and surface characteristics (40 x 40 cm nominal size)	m²	On the job	232,00
10.240.3506	White, glazed porcelain tile with any pattern and surface characteristics (42.5 x 42.5 cm - 45 x 45 cm nominal size)	m²	On the job	232,00
10.240.3508	White, glazed porcelain tile with any pattern and surface characteristics (60 x 60 cm nominal size)	m²	On the job	281,00
10.240.3509	White, glazed porcelain tile with any pattern and surface characteristics (15 x 60 cm nominal size)	m²	On the job	330,00
10.240.3510	White, glazed porcelain tile with any pattern and surface characteristics (30 x 60 cm nominal size)	m²	On the job	289,00
10.240.3511	White, glazed porcelain tile with any pattern and surface characteristics (15 x 90 cm - 22.5 x 90 cm nominal size)	m²	On the job	420,00
10.240.3512	White, glazed porcelain tile with any pattern and surface characteristics (20 x 120 cm - 30 x 120 cm nominal size)	m²	On the job	535,00
10.240.3514	White, glazed porcelain tile with any pattern and surface characteristics (60 x 90 cm - 60 x 120 cm nominal size)	m²	On the job	449,00
10.240.3515	White, glazed porcelain tile with any pattern and surface characteristics (80 x 80 cm - 90 x 90 cm nominal size)	m²	On the job	400,00
10.240.3516	White, glazed porcelain tile with any pattern and surface characteristics (80 x 160 cm nominal size)	m²	On the job	708,00
10.240.3517	White, glazed porcelain tile with any pattern and surface characteristics (90 x 180 cm nominal size)	m²	On the job	858,00
10.240.3551	Colored, glazed porcelain tile with any pattern and surface characteristics (10 x 10 cm nominal size, meshed)	m²	On the job	311,00
10.240.3552	Colored, glazed porcelain tile with any pattern and surface characteristics (10 x 20 cm - 12.5 x 25 cm - 12 x 24.5 cm nominal size)	m²	On the job	265,00
10.240.3553	Colored, glazed porcelain tile with any pattern and surface characteristics (20 x 20 cm nominal size)	m²	On the job	265,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.3554	Colored, glazed porcelain tile with any pattern and surface characteristics (30 x 30 cm - 33 x 33 cm nominal size)	m²	On the job	231,00
10.240.3555	Colored, glazed porcelain tile with any pattern and surface characteristics (40 x 40 cm nominal size)	m²	On the job	245,00
10.240.3556	Colored, glazed porcelain tile with any pattern and surface characteristics (42.5 x 42.5 cm - 45 x 45 cm nominal size)	m²	On the job	245,00
10.240.3558	Colored, glazed porcelain tile with any pattern and surface characteristics (60 x 60 cm nominal size)	m²	On the job	289,00
10.240.3559	Colored, glazed porcelain tile with any pattern and surface characteristics (15 x 60 cm nominal size)	m²	On the job	338,00
10.240.3560	Colored, glazed porcelain tile with any pattern and surface characteristics (30 x 60 cm nominal size)	m²	On the job	307,00
10.240.3561	Colored, glazed porcelain tile with any pattern and surface characteristics (15 x 90 cm - 22.5 x 90 cm nominal size)	m²	On the job	430,00
10.240.3562	Colored, glazed porcelain tile with any pattern and surface characteristics (20 x 120 cm - 30 x 120 cm nominal size)	m²	On the job	550,00
10.240.3564	Colored, glazed porcelain tile with any pattern and surface characteristics (60 x 90 cm - 60 x 120 cm nominal size)	m²	On the job	462,00
10.240.3565	Colored, glazed porcelain tile with any pattern and surface characteristics (80 x 80 cm - 90 x 90 cm nominal size)	m²	On the job	416,00
10.240.3566	Colored, glazed porcelain tile with any pattern and surface characteristics (80 x 160 cm nominal size)	m²	On the job	712,00
10.240.3567	Colored, glazed porcelain tile with any pattern and surface characteristics (90 x 180 cm nominal size)	m²	On the job	884,00
	Note: Extra TRY 7 shall be charged if glazed porcelain tiles are rectified.			
Non-glazed Porcelain Tiles (First Quality) (TS EN 14411 - Dry-pressed ceramic tiles - Low water absorption E < 0.5% group BIa)				
10.240.3601	Matte, non-glazed porcelain tile with any color, pattern and surface characteristics (10 x 10 cm nominal size, meshed)	m²	On the job	330,00
10.240.3603	Matte, non-glazed porcelain tile with any color, pattern and surface characteristics (20 x 20 cm nominal size)	m²	On the job	284,00
10.240.3604	Matte, non-glazed porcelain tile with any color, pattern and surface characteristics (30 x 30 cm - 33 x 33 cm nominal size)	m²	On the job	250,00
10.240.3605	Matte, non-glazed porcelain tile with any color, pattern and surface characteristics (40 x 40 cm nominal size)	m²	On the job	272,00
10.240.3606	Matte, non-glazed porcelain tile with any color, pattern and surface characteristics (42.5 x 42.5 cm - 45 x 45 cm nominal size) (Rectified)	m²	On the job	328,00
10.240.3608	Matte, non-glazed porcelain tile with any color, pattern and surface characteristics (60 x 60 cm nominal size) (Rectified)	m²	On the job	380,00
10.240.3609	Matte, non-glazed porcelain tile with any color, pattern and surface characteristics (15 x 60 cm nominal size) (Rectified)	m²	On the job	380,00
10.240.3610	Matte, non-glazed porcelain tile with any color, pattern and surface characteristics (30 x 60 cm nominal size) (Rectified)	m²	On the job	385,00
10.240.3612	Matte, non-glazed porcelain tile with any color, pattern and surface characteristics (20 x 120 cm - 30 x 120 cm nominal size) (Rectified)	m²	On the job	633,00
10.240.3614	Matte, non-glazed porcelain tile with any color, pattern and surface characteristics (60 x 90 cm - 60 x 120 cm nominal size) (Rectified)	m²	On the job	667,00
10.240.3615	Matte, non-glazed porcelain tile with any color, pattern and surface characteristics (80 x 80 cm - 90 x 90 cm nominal size) (Rectified)	m²	On the job	515,00
10.240.3616	Matte, non-glazed porcelain tile with any color, pattern and surface characteristics (80 x 160 cm nominal size) (Rectified)	m²	On the job	600,00
10.240.3617	Matte, non-glazed porcelain tile with any color, pattern and surface characteristics (90 x 180 cm nominal size) (Rectified)	m²	On the job	884,00
10.240.3651	Glossy, non-glazed porcelain tiles with any color, pattern and surface characteristics (10 x 10 cm nominal size, meshed) (Rectified)	m²	On the job	436,00
10.240.3653	Glossy, non-glazed porcelain tiles with any color, pattern and surface characteristics (20 x 20 cm nominal size) (Rectified)	m²	On the job	364,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.3654	Glossy, non-glazed porcelain tiles with any color, pattern and surface characteristics (30 x 30 cm - 33 x 33 cm nominal size) (Rectified)	m ²	On the job	330,00
10.240.3655	Glossy, non-glazed porcelain tiles with any color, pattern and surface characteristics (40 x 40 cm nominal size) (Rectified)	m ²	On the job	356,00
10.240.3656	Glossy, non-glazed porcelain tiles with any color, pattern and surface characteristics (42.5 x 42.5 cm - 45 x 45 cm nominal size) (Rectified)	m ²	On the job	430,00
10.240.3658	Glossy, non-glazed porcelain tiles with any color, pattern and surface characteristics (60 x 60 cm nominal size) (Rectified)	m ²	On the job	482,00
10.240.3659	Glossy, non-glazed porcelain tiles with any color, pattern and surface characteristics (15 x 60 cm nominal size) (Rectified)	m ²	On the job	488,00
10.240.3660	Glossy, non-glazed porcelain tiles with any color, pattern and surface characteristics (30 x 60 cm nominal size) (Rectified)	m ²	On the job	515,00
10.240.3662	Glossy, non-glazed porcelain tiles with any color, pattern and surface characteristics (20 x 120 cm - 30 x 120 cm nominal size) (Rectified)	m ²	On the job	824,00
10.240.3664	Glossy, non-glazed porcelain tiles with any color, pattern and surface characteristics (60 x 90 cm - 60 x 120 cm nominal size) (Rectified)	m ²	On the job	852,00
10.240.3665	Glossy, non-glazed porcelain tiles with any color, pattern and surface characteristics (80 x 80 cm - 90 x 90 cm nominal size) (Rectified)	m ²	On the job	620,00
10.240.3666	Glossy, non-glazed porcelain tiles with any color, pattern and surface characteristics (80 x 160 cm nominal size) (Rectified)	m ²	On the job	700,00
10.240.3667	Glossy, non-glazed porcelain tiles with any color, pattern and surface characteristics (90 x 180 cm nominal size) (Rectified)	m ²	On the job	977,00
	Note 1: Extra TRY 7 shall be charged if unrectified non-glazed porcelain tiles are rectified.			
	Note 2: The surfaces of glossy non-glazed porcelain tiles shall be coated with a protective layer.			
Industrial Floor Ceramics (First Quality) (TS EN 14411 - Dry-pressed ceramic tiles - Low water absorption E < 0.5% group BIa)				
10.240.3701	Matte, non-glazed porcelain tile with any color, pattern and surface characteristics (20 x 20 x 0.8 cm nominal size)	m ²	On the job	275,00
10.240.3702	Matte, non-glazed porcelain tile with any color, pattern and surface characteristics (20 x 20 x 1.2 cm nominal size)	m ²	On the job	290,00
10.240.3703	Matte, non-glazed porcelain tile with any color, pattern and surface characteristics (20 x 20 x 1.4 cm nominal size)	m ²	On the job	330,00
10.240.3705	Matte, non-glazed porcelain tile with any color, pattern and surface characteristics (24 x 24 x 1.4 cm nominal size)	m ²	On the job	330,00
	Note: Extra TRY 6 shall be charged if industrial flooring ceramics are rectified.			
Pool Ceramics (First Quality) (TS EN 14411 - Rolled ceramic tiles - Low water absorption E < 0.5% group AIa)				
10.240.3801	Partly color-glazed pool railings (Nominal size: 119 x 244 x 23 mm - 120 x 245 x 20 mm)	Qty	On the job	166,00
10.240.3802	Partly color-glazed, grooved pool railings (Nominal size: 119 x 244 x 23 mm - 120 x 245 x 20 mm)	Qty	On the job	166,00
10.240.3803	non-glazed, serrated pool-side tiles (Nominal size: 119 x 244 x 8 mm - 120 x 245 x 8 mm)	Qty	On the job	30,00
10.240.3807	Corners (inside/outside) of partly color-glazed pool railings (Nominal size: 119 x 119 x 23 mm - 120 x 245 x 20 mm)	Qty	On the job	220,00
10.240.3808	Internal profile coated with color glazing (Nominal size: 55 x 244 x 33 mm - 45 x 245 x 35 mm)	Qty	On the job	157,00
10.240.3809	External profile coated with color glazing (Nominal size: 40 x 244 x 33 mm - 45 x 245 x 35 mm)	Qty	On the job	157,00
10.240.3810	Internal corner profile coated with color glazing (Nominal size: 55 x 55 x 33 mm - 45 x 45 x 35 mm)	Qty	On the job	70,00
10.240.3811	External corner profile coated with color glazing (Nominal size: 40 x 40 x 33 mm - 45 x 45 x 35 mm)	Qty	On the job	70,00
10.240.3813	Partly color-glazed pool railings (Nominal size: 244 x 244 x 23 mm - 245 x 245 x 20 mm)	Qty	On the job	226,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.3814	Partly color-glazed, grooved pool railings (Nominal size: 244 x 244 x 23 mm - 245 x 245 x 20 mm)	Qty	On the job	226,00
10.240.3815	Partly color-glazed, grooved pool railings (Nominal size: 244 x 244 x 28/40 mm)	Qty	On the job	226,00
10.240.3816	Corners (inside/outside) of partly color-glazed pool railings (Nominal size: 244 x 244 x 23 mm - 245 x 245 x 20 mm)	Qty	On the job	427,00
10.240.3817	Corners (inside/outside) of partly color-glazed pool railings with foot grates (Nominal size: 275 x 275 x 28/40 mm - 250+40 x 245 x 35 mm)	Qty	On the job	515,00
10.240.3818	Partly color-glazed pool railings with foot grates (Nominal size: 275 x 244 x 28/40 mm - 250+40 x 245 x 35 mm)	Qty	On the job	264,00
10.240.3819	Partly color-glazed, grooved pool railings with foot grates (Nominal size: 275 x 244 x 28/40 mm - 250+40 x 245 x 35 mm)	Qty	On the job	264,00
10.240.3823	non-glazed, serrated pool-side tiles with grate feet (Nominal size: 145 x 244 x 40 mm - 120+40 x 245 x 35 mm)	Qty	On the job	120,00
10.240.3824	non-glazed, serrated poolside tiles with grate feet - inside / outside (Nominal size: 145 x 145 x 40 mm - 120+40 x 245 x 35 mm)	Qty	On the job	430,00
10.240.3827	Chamfered, partly color-glazed, non-slip stairs mats (Nominal size: 119 x 244 x 8 mm - 120 x 245 x 8 mm)	Qty	On the job	84,00
10.240.3828	Chamfered, partly color-glazed, non-slip stairs mat corners - (inside/outside) (Nominal size: 119 x 119 x 8 mm - 120 x 120 x 8 mm)	Qty	On the job	274,00
10.240.3833	Partly color-glazed pool railings (Nominal size: 375 x 244 x 23 mm - 375+40 x 245 x 35 mm)	Qty	On the job	338,00
10.240.3834	Partly color-glazed, grooved pool railings (Nominal size: 375 x 244 x 23 mm - 375+40 x 245 x 35 mm)	Qty	On the job	338,00
10.240.3836	Corners (inside/outside) of partly color-glazed pool railings (Nominal size: 375 x 375 x 23 mm - 375+40 x 245 x 35 mm)	Qty	On the job	773,00
non-glazed Thin Porcelain Plates				
(TS EN 14411 - Dry-pressed ceramic tiles - Low water absorption E < 0.5% group BIA)				
10.240.3901	Non-glazed thin porcelain plate with matte surface and meshed back, in any color and pattern (100 cm x 300 cm x 0.3 cm)	m ²	On the job	984,00
10.240.3902	Non-glazed thin porcelain plate with matte surface and meshed back, in any color and pattern (50 cm x 300 cm x 0.3 cm)	m ²	On the job	984,00
10.240.3903	Non-glazed thin porcelain plate with matte surface and meshed back, in any color and pattern (50 cm x 150 cm x 0.3 cm)	m ²	On the job	1.016,00
10.240.3904	Non-glazed thin porcelain plate with matte surface and meshed back, in any color and pattern (100 cm x 100 cm x 0.3 cm)	m ²	On the job	1.016,00
10.240.3905	Non-glazed thin porcelain plate with matte surface and meshed back, in any color and pattern (100 cm x 150 cm x 0.3 cm)	m ²	On the job	1.016,00
10.240.3906	Non-glazed thin porcelain plate with matte surface and meshed back, in any color and pattern (50 cm x 100 cm x 0.3 cm)	m ²	On the job	1.016,00
10.240.3907	Non-glazed thin porcelain plate with matte surface and meshed back, in any color and pattern (60 cm x 300 cm x 0.3 cm)	m ²	On the job	997,00
10.240.3908	Non-glazed thin porcelain plate with matte surface and meshed back, in any color and pattern (120 cm x 360 cm x 0.3 cm)	m ²	On the job	997,00
10.240.3909	Non-glazed thin porcelain plate with matte surface and meshed back, in any color and pattern (120 cm x 120 cm x 0.3 cm)	m ²	On the job	1.030,00
10.240.3910	Non-glazed thin porcelain plate with matte surface and meshed back, in any color and pattern (60 cm x 120 cm x 0.3 cm)	m ²	On the job	1.062,00
10.240.3911	Non-glazed thin porcelain plate with matte surface and meshed back, in any color and pattern (60 cm x 60 cm x 0.3 cm)	m ²	On the job	1.096,00
10.240.3912	Non-glazed thin porcelain plate with matte surface and meshed back, in any color and pattern (100 cm x 300 cm x 0.5 cm)	m ²	On the job	1.156,00
10.240.3913	Non-glazed thin porcelain plate with matte surface and meshed back, in any color and pattern (50 cm x 300 cm x 0.5 cm)	m ²	On the job	1.156,00
10.240.3914	Non-glazed thin porcelain plate with matte surface and meshed back, in any color and pattern (50 cm x 150 cm x 0.5 cm)	m ²	On the job	1.214,00
10.240.3915	Non-glazed thin porcelain plate with matte surface and meshed back, in any color and pattern (100 cm x 100 cm x 0.5 cm)	m ²	On the job	1.214,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.3916	Non-glazed thin porcelain plate with matte surface and meshed back, in any color and pattern (100 cm x 150 cm x 0.5 cm)	m ²	On the job	1.214,00
10.240.3917	Non-glazed thin porcelain plate with matte surface and meshed back, in any color and pattern (50 cm x 100 cm x 0.5 cm)	m ²	On the job	1.214,00
10.240.3918	Non-glazed thin porcelain plates in any color, with glossy surface and meshed back (50 cm x 300 cm x 0.5 cm)	m ²	On the job	1.326,00
10.240.3919	Non-glazed thin porcelain plates in any color, with glossy surface and meshed back (50 cm x 150 cm x 0.5 cm)	m ²	On the job	1.326,00
10.240.3920	Non-glazed thin porcelain plates in any color, with glossy surface and meshed back (50 cm x 100 cm x 0.5 cm)	m ²	On the job	1.326,00
10.240.3921	Non-glazed thin porcelain plates in any color, with glossy surface and meshed back (66 cm x 300 cm x 0.5 cm)	m ²	On the job	1.458,00
10.240.3922	Non-glazed thin porcelain plate in any color and pattern, with matte surface and non-meshed back (100 cm x 300 cm x 0.5 cm)	m ²	On the job	984,00
10.240.3923	Non-glazed thin porcelain plate in any color and pattern, with matte surface and non-meshed back (50 cm x 300 cm x 0.5 cm)	m ²	On the job	984,00
10.240.3924	Non-glazed thin porcelain plate in any color and pattern, with matte surface and non-meshed back (50 cm x 150 cm x 0.5 cm)	m ²	On the job	996,00
10.240.3925	Non-glazed thin porcelain plate in any color and pattern, with matte surface and non-meshed back (100 cm x 100 cm x 0.5 cm)	m ²	On the job	996,00
10.240.3926	Non-glazed thin porcelain plate in any color and pattern, with matte surface and non-meshed back (100 cm x 150 cm x 0.5 cm)	m ²	On the job	996,00
10.240.3927	Non-glazed thin porcelain plate in any color and pattern, with matte surface and non-meshed back (50 cm x 100 cm x 0.5 cm)	m ²	On the job	996,00
10.240.3928	Non-glazed thin porcelain plate with matte surface and meshed back, in any color and pattern (60 cm x 360 cm x 0.3 cm) (120 cm x 180 cm x 0.3 cm)	m ²	On the job	1.016,00
10.240.3929	Non-glazed thin porcelain plate with matte surface and meshed back, in any color and pattern (60 cm x 180 cm x 0.3 cm)	m ²	On the job	1.148,00
10.240.3930	Non-glazed thin porcelain plate with matte surface and meshed back, in any color and pattern (60 cm x 360 cm x 0.5 cm) (120 cm x 180 cm x 0.5 cm)	m ²	On the job	1.214,00
10.240.3931	Non-glazed thin porcelain plate with matte surface and meshed back, in any color and pattern (60 cm x 180 cm x 0.5 cm)	m ²	On the job	1.280,00
10.240.3932	Non-glazed thin porcelain plate in any color and pattern, with matte surface and non-meshed back (120 cm x 360 cm x 0.3 cm)	m ²	On the job	752,00
10.240.3933	Non-glazed thin porcelain plate in any color and pattern, with matte surface and non-meshed back (60 cm x 360 cm x 0.3 cm) (120 cm x 180 cm x 0.3 cm)	m ²	On the job	884,00
10.240.3934	Non-glazed thin porcelain plate in any color and pattern, with matte surface and non-meshed back (60 cm x 180 cm x 0.3 cm)	m ²	On the job	950,00
10.240.3935	Non-glazed thin porcelain plate in any color and pattern, with matte surface and non-meshed back (120 cm x 360 cm x 0.5 cm)	m ²	On the job	950,00
10.240.3936	Non-glazed thin porcelain plate in any color and pattern, with matte surface and non-meshed back (60 cm x 360 cm x 0.5 cm) (120 cm x 180 cm x 0.5 cm)	m ²	On the job	1.050,00
10.240.3937	Non-glazed thin porcelain plate in any color and pattern, with matte surface and non-meshed back (60 cm x 180 cm x 0.5 cm)	m ²	On the job	1.148,00
10.240.3938	Non-glazed thin porcelain plate in any color, with matte surface and meshed back (100 cm x 300 cm x 0.5 cm) (120 cm x 360 cm x 0.5 cm)	m ²	On the job	1.445,00
10.240.3939	Non-glazed thin porcelain plate in any color, with matte surface and meshed back (100 cm x 100 cm x 0.5 cm)	m ²	On the job	1.933,00
10.240.3940	Non-glazed thin porcelain plate in any color, with matte surface and meshed back (100 cm x 150 cm x 0.5 cm)	m ²	On the job	1.564,00
10.240.3941	Non-glazed thin porcelain plate in any color, with matte surface and meshed back (60 cm x 360 cm x 0.5 cm) (120 cm x 180 cm x 0.5 cm)	m ²	On the job	1.801,00
10.240.3942	Non-glazed thin porcelain plate in any color, with matte surface and meshed back (120 cm x 120 cm x 0.5 cm) (60 cm x 180 cm x 0.5 cm)	m ²	On the job	1.914,00
10.240.3943	Non-glazed thin porcelain plate in any color, with matte surface and meshed back (100 cm x 300 cm x 0.6 cm)	m ²	On the job	1.702,00
10.240.3944	Non-glazed thin porcelain plate in any color, with matte surface and meshed back (50 cm x 300 cm x 0.6 cm)	m ²	On the job	1.835,00
10.240.3945	Non-glazed thin porcelain plate in any color, with matte surface and meshed back (50 cm x 150 cm x 0.6 cm) (100 cm x 100 cm x 0.6 cm)	m ²	On the job	1.914,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
Glazed/non-glazed Thick Porcelain Plates (First Quality) (TS EN 14411 - Dry-pressed ceramic tiles - Low water absorption E < 0.5% group BIA)				
10.240.4001	Glazed/non-glazed thick porcelain plates in any color and pattern (nominal dimensions: 40 x 40 x 2 cm)	m ²	On the job	502,00
10.240.4002	Glazed/non-glazed thick porcelain plates in any color and pattern (nominal dimensions: 60 x 60 x 2 cm)	m ²	On the job	548,00
10.240.4003	Glazed/non-glazed thickness porcelain plates in any color and pattern (nominal dimensions: 60 x 90 x 2 cm - 60 x 120 x 2 cm)	m ²	On the job	752,00
10.240.4004	Glazed/non-glazed thickness porcelain plates in any color and pattern (nominal dimensions: 80 x 80 x 2 cm - 90 x 90 x 2 cm)	m ²	On the job	706,00
10.240.4032	Glazed/non-glazed thickness porcelain plates in any color and pattern (nominal dimensions: 60 x 60 x 3 cm)	m ²	On the job	800,00
10.240.4034	Glazed/non-glazed thickness porcelain plates in any color and pattern (nominal dimensions: 80 x 80 x 3 cm - 90 x 90 x 3 cm)	m ²	On the job	1.030,00
	Note: Extra TRY 7 shall be charged if glazed/non-glazed thick porcelain plates are rectified.			
VITRIFIED TILES (TS 202) (Maximum 20% water absorption (indoors); minimum bending strength: 15 N/mm²)				
10.240.4501	Plain vitrified tiles, any color (20 cm x 20 cm)	m ²	On the job	290,00
10.240.4502	Plain vitrified curbs, any color (20 cm x 20 cm)	m ²	On the job	310,00
10.240.4503	Plain vitrified corner, any color (10 cm x 10 cm)	m ²	On the job	330,00
10.240.4504	Plain, embossed, vitrified tiles, any color (20 cm x 20 cm)	m ²	On the job	310,00
10.240.4505	Plain, embossed, vitrified curbs, any color (20 cm x 20 cm)	m ²	On the job	317,00
10.240.4506	Plain, vitrified, embossed corner, any color (10 cm x 10 cm)	m ²	On the job	330,00
10.240.4507	Patterned, vitrified tiles, any color (20 cm x 20 cm)	m ²	On the job	356,00
10.240.4508	Patterned, vitrified curbs, any color (20 cm x 20 cm)	m ²	On the job	377,00
10.240.4509	Patterned, vitrified corner, any color (10 cm x 10 cm)	m ²	On the job	402,00
10.240.4510	Patterned, vitrified, embossed tiles, any color (20 cm x 20 cm)	m ²	On the job	356,00
10.240.4511	Patterned, vitrified, embossed curbs, any color (20 cm x 20 cm)	m ²	On the job	383,00
10.240.4512	Patterned, vitrified, embossed corner, any color (10 cm x 10 cm)	m ²	On the job	416,00
TERRAZZO TILE SLABS (INDOOR) (TS 213-1 EN 13748-1) (Single layer - Honed or Polished) To be manufactured as single layer with crushed marble aggregates (0-15 mm) using vacuum-press-vibration technique with cement binder. None of the vertical abrasion results in abrasion tests shall exceed 25 mm. None of the overall water absorption test results shall exceed 8% by mass. (Any form and color)				
Terrazzo Tile Slabs (Artificial Marble) with Marble Aggregate				
10.240.4601	Breaking Load Conditions (Class 1) Surface area ≤ 1,100 cm ² (Should be laid on full grout bedding)	m ²	On the job	224,00
10.240.4602	Breaking Load Conditions (Class 1) Surface area > 1,100 cm ² (Should be laid on full grout bedding)	m ²	On the job	265,00
10.240.4603	Breaking Load conditions (Class 2), Surface area ≤ 1,100 cm ² , and breaking strength > 2.5 kN	m ²	On the job	253,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.4604	Breaking load conditions (Class 3), Sized 1,100 < Surface area < 1,800 cm ² , and breaking strength > 3 kN	m ²	On the job	274,00
10.240.4605	Breaking Load Conditions (Class 3), Surface area ≥ 1,800 cm ² , and breaking strength > 3 kN	m ²	On the job	396,00
Terrazzo Tile Slabs (Artificial Marble) with Granite Aggregate				
10.240.4621	Breaking Load Conditions (Class 1) Surface area ≤ 1,100 cm ² (Should be laid on full grout bedding)	m ²	On the job	346,00
10.240.4622	Breaking Load Conditions (Class 1) Surface area > 1,100 cm ² (Should be laid on full grout bedding)	m ²	On the job	375,00
10.240.4623	Breaking Load conditions (Class 2), Surface area ≤ 1,100 cm ² , and breaking strength > 2.5 kN	m ²	On the job	374,00
10.240.4624	Breaking load conditions (Class 3), Sized 1,100 < Surface area < 1,800 cm ² , and breaking strength > 3 kN	m ²	On the job	396,00
10.240.4625	Breaking Load Conditions (Class 3), Surface area ≥ 1,800 cm ² , and breaking strength > 3 kN	m ²	On the job	477,00
Terrazzo Tile Slabs (Artificial Marble) with Quartz/Silica Aggregate (min. 20% quartz/silica + 80% marble aggregate)				
10.240.4641	Breaking Load Conditions (Class 1) Surface area ≤ 1,100 cm ² (Should be laid on full grout bedding)	m ²	On the job	346,00
10.240.4642	Breaking Load Conditions (Class 1) Surface area > 1,100 cm ² (Should be laid on full grout bedding)	m ²	On the job	375,00
10.240.4643	Breaking Load conditions (Class 2), Surface area ≤ 1,100 cm ² , and breaking strength > 2.5 kN	m ²	On the job	374,00
10.240.4644	Breaking load conditions (Class 3), Sized 1,100 < Surface area < 1,800 cm ² , and breaking strength > 3 kN	m ²	On the job	396,00
10.240.4645	Breaking Load Conditions (Class 3), Surface area ≥ 1,800 cm ² , and breaking strength > 3 kN	m ²	On the job	477,00
Terrazzo Tile Slabs (Artificial Marble) with Quartz/Silica Aggregate				
10.240.4661	Breaking Load Conditions (Class 1) Surface area ≤ 1,100 cm ² (Should be laid on full grout bedding)	m ²	On the job	762,00
10.240.4662	Breaking Load Conditions (Class 1) Surface area > 1,100 cm ² (Should be laid on full grout bedding)	m ²	On the job	812,00
10.240.4663	Breaking Load conditions (Class 2), Surface area ≤ 1,100 cm ² , and breaking strength > 2.5 kN	m ²	On the job	812,00
10.240.4664	Breaking load conditions (Class 3), Sized 1,100 < Surface area < 1,800 cm ² , and breaking strength > 3 kN	m ²	On the job	852,00
10.240.4665	Breaking Load Conditions (Class 3), Surface area ≥ 1,800 cm ² , and breaking strength > 3 kN	m ²	On the job	944,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
TERRAZZO TILE SLABS (OUTDOOR) (TS 213-2 EN 13748-2) Double Layer In two layers, namely top and bottom layers. For the sizes from 0 to 15 mm, it shall be manufactured in two layers with marble, granite, basalt, andesite, quartz-silica or mosaic aggregates, using press-vibration-washing-brushing-sanding technique with cement binder. (All colors and patterns) Single Layer A single layer. For the sizes from 0 to 15 mm, it shall be manufactured as a single layer with marble, granite, basalt, andesite, quartz-silica or mosaic aggregates, using vacuum-press-vibration-washing-brushing-sanding technique with cement binder. (All colors and patterns) None of the overall water absorption test results shall exceed 8% by mass. If such materials are used as tactile walking surface indicators (TWSI), the surface and surface relief (emboss) texture shall fulfill the conditions defined in the standard TS ISO 23599 depending on the use of the surface (warning surface or guiding surface).				
Terrazzo Tile Slabs (Cement Tiles) (Manufactured by pressing) (threaded/non-threaded, colored/colorless)				
10.240.4801	Breaking Strength Conditions (Class 1) Minimum 2.8 MPa bending strength, Abrasion strength class (2-G), Surface area $\leq 1,600 \text{ cm}^2$	m ²	On the job	213,00
10.240.4802	Breaking Strength Conditions (Class 1) Minimum 2.8 MPa bending strength, Abrasion strength class (2-G), $1,600 < \text{Surface Area} \leq 3600 \text{ cm}^2$	m ²	On the job	265,00
10.240.4803	Breaking Strength Conditions (Class 2) Minimum 3.2 MPa bending strength, Abrasion strength class (3-H), Surface area $\leq 1,600 \text{ cm}^2$	m ²	On the job	253,00
10.240.4804	Breaking Strength Conditions (Class 2) Minimum 3.2 MPa bending strength, Abrasion strength class (3-H), $1,600 < \text{Surface Area} \leq 3600 \text{ cm}^2$	m ²	On the job	325,00
10.240.4805	Breaking Strength Conditions (Class 3) Minimum 4.0 MPa bending strength, Abrasion strength class (4-I), Surface area $\leq 1,600 \text{ cm}^2$	m ²	On the job	315,00
10.240.4806	Breaking Strength Conditions (Class 3) Minimum 4.0 MPa bending strength, Abrasion strength class (4-I), $1,600 < \text{Surface Area} \leq 3600 \text{ cm}^2$	m ²	On the job	389,00
Terrazzo Tile Slabs (with Marble Aggregate) (With any surface treatment)				
10.240.4821	Breaking Strength Conditions (Class 1) Minimum 2.8 MPa bending strength, Abrasion strength class (2-G), Surface area $\leq 1,600 \text{ cm}^2$	m ²	On the job	253,00
10.240.4822	Breaking Strength Conditions (Class 1) Minimum 2.8 MPa bending strength, Abrasion strength class (2-G), $1,600 < \text{Surface Area} \leq 3600 \text{ cm}^2$	m ²	On the job	305,00
10.240.4823	Breaking Strength Conditions (Class 2) Minimum 3.2 MPa bending strength, Abrasion strength class (3-H), Surface area $\leq 1,600 \text{ cm}^2$	m ²	On the job	305,00
10.240.4824	Breaking Strength Conditions (Class 2) Minimum 3.2 MPa bending strength, Abrasion strength class (3-H), $1,600 < \text{Surface Area} \leq 3600 \text{ cm}^2$	m ²	On the job	386,00
10.240.4825	Breaking Strength Conditions (Class 3) Minimum 4.0 MPa bending strength, Abrasion strength class (4-I), Surface area $\leq 1,600 \text{ cm}^2$	m ²	On the job	375,00
10.240.4826	Breaking Strength Conditions (Class 3) Minimum 4.0 MPa bending strength, Abrasion strength class (4-I), $1,600 < \text{Surface Area} \leq 3600 \text{ cm}^2$	m ²	On the job	437,00
Terrazzo Tile Slabs (with Granite Aggregate) (With any surface treatment)				
10.240.4841	Breaking Strength Conditions (Class 1) Minimum 2.8 MPa bending strength, Abrasion strength class (2-G), Surface area $\leq 1600 \text{ cm}^2$	m ²	On the job	325,00
10.240.4842	Breaking Strength Conditions (Class 1) Minimum 2.8 MPa bending strength, Abrasion strength class (2-G), $1,600 < \text{Surface Area} \leq 3600 \text{ cm}^2$	m ²	On the job	386,00
10.240.4843	Breaking Strength Conditions (Class 2) Minimum 3.2 MPa bending strength, Abrasion strength class (3-H), Surface area $\leq 1,600 \text{ cm}^2$	m ²	On the job	386,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.4844	Breaking Strength Conditions (Class 2) Minimum 3.2 MPa bending strength, Abrasion strength class (3-H), $1,600 < \text{Surface Area} \leq 3600 \text{ cm}^2$	m ²	On the job	456,00
10.240.4845	Breaking Strength Conditions (Class 3) Minimum 4.0 MPa bending strength, Abrasion strength class (4-I), $\text{Surface area} \leq 1,600 \text{ cm}^2$	m ²	On the job	437,00
10.240.4846	Breaking Strength Conditions (Class 3) Minimum 4.0 MPa bending strength, Abrasion strength class (4-I), $1,600 < \text{Surface Area} \leq 3600 \text{ cm}^2$	m ²	On the job	518,00
Terrazzo Tile Slabs (with Andesite Aggregate) (With any surface treatment)				
10.240.4861	Breaking Strength Conditions (Class 1) Minimum 2.8 MPa bending strength, Abrasion strength class (2-G), $\text{Surface area} \leq 1,600 \text{ cm}^2$	m ²	On the job	305,00
10.240.4862	Breaking Strength Conditions (Class 1) Minimum 2.8 MPa bending strength, Abrasion strength class (2-G), $1600 < \text{Surface Area} \leq 3600 \text{ cm}^2$	m ²	On the job	375,00
10.240.4863	Breaking Strength Conditions (Class 2) Minimum 3.2 MPa bending strength, Abrasion strength class (3-H), $\text{Surface area} \leq 1,600 \text{ cm}^2$	m ²	On the job	335,00
10.240.4864	Breaking Strength Conditions (Class 2) Minimum 3.2 MPa bending strength, Abrasion strength class (3-H), $1,600 < \text{Surface Area} \leq 3600 \text{ cm}^2$	m ²	On the job	416,00
10.240.4865	Breaking Strength Conditions (Class 3) Minimum 4.0 MPa bending strength, Abrasion strength class (4-I), $\text{Surface area} \leq 1,600 \text{ cm}^2$	m ²	On the job	402,00
10.240.4866	Breaking Strength Conditions (Class 3) Minimum 4.0 MPa bending strength, Abrasion strength class (4-I), $1,600 < \text{Surface Area} \leq 3600 \text{ cm}^2$	m ²	On the job	478,00
Terrazzo Tile Slabs (with Basalt Aggregate) (With any surface treatment)				
10.240.4881	Breaking Strength Conditions (Class 1) Minimum 2.8 MPa bending strength, Abrasion strength class (2-G), $\text{Surface area} \leq 1,600 \text{ cm}^2$	m ²	On the job	274,00
10.240.4882	Breaking Strength Conditions (Class 1) Minimum 2.8 MPa bending strength, Abrasion strength class (2-G), $1600 < \text{Surface Area} \leq 3600 \text{ cm}^2$	m ²	On the job	325,00
10.240.4883	Breaking Strength Conditions (Class 2) Minimum 3.2 MPa bending strength, Abrasion strength class (3-H), $\text{Surface area} \leq 1,600 \text{ cm}^2$	m ²	On the job	335,00
10.240.4884	Breaking Strength Conditions (Class 2) Minimum 3.2 MPa bending strength, Abrasion strength class (3-H), $1,600 < \text{Surface Area} \leq 3600 \text{ cm}^2$	m ²	On the job	416,00
10.240.4885	Breaking Strength Conditions (Class 3) Minimum 4.0 MPa bending strength, Abrasion strength class (4-I), $\text{Surface area} \leq 1,600 \text{ cm}^2$	m ²	On the job	389,00
10.240.4886	Breaking Strength Conditions (Class 3) Minimum 4.0 MPa bending strength, Abrasion strength class (4-I), $1,600 < \text{Surface Area} \leq 3600 \text{ cm}^2$	m ²	On the job	466,00
Terrazzo Tile Slabs (with Quartz/Silica Aggregate) (With any surface treatment)				
10.240.4901	Breaking Strength Conditions (Class 1) Minimum 2.8 MPa bending strength, Abrasion strength class (2-G), $\text{Surface area} \leq 1,600 \text{ cm}^2$	m ²	On the job	427,00
10.240.4902	Breaking Strength Conditions (Class 1) Minimum 2.8 MPa bending strength, Abrasion strength class (2-G), $1600 < \text{Surface Area} \leq 3600 \text{ cm}^2$	m ²	On the job	487,00
10.240.4903	Breaking Strength Conditions (Class 2) Minimum 3.2 MPa bending strength, Abrasion strength class (3-H), $\text{Surface area} \leq 1,600 \text{ cm}^2$	m ²	On the job	487,00
10.240.4904	Breaking Strength Conditions (Class 2) Minimum 3.2 MPa bending strength, Abrasion strength class (3-H), $1,600 < \text{Surface Area} \leq 3600 \text{ cm}^2$	m ²	On the job	528,00
10.240.4905	Breaking Strength Conditions (Class 3) Minimum 4.0 MPa bending strength, Abrasion strength class (4-I), $\text{Surface area} \leq 1,600 \text{ cm}^2$	m ²	On the job	528,00
10.240.4906	Breaking Strength Conditions (Class 3) Minimum 4.0 MPa bending strength, Abrasion strength class (4-I), $1,600 < \text{Surface Area} \leq 3600 \text{ cm}^2$	m ²	On the job	578,00
Terrazzo Tile Slabs (with wash concrete surface treatment)				
10.240.4921	Breaking Strength Conditions (Class 1) Minimum 2.8 MPa bending strength, Abrasion strength class (2-G), $\text{Surface area} \leq 1,600 \text{ cm}^2$	m ²	On the job	244,00
10.240.4922	Breaking Strength Conditions (Class 1) Minimum 2.8 MPa bending strength, Abrasion strength class (2-G), $1600 < \text{Surface Area} \leq 3600 \text{ cm}^2$	m ²	On the job	305,00
10.240.4923	Breaking Strength Conditions (Class 2) Minimum 3.2 MPa bending strength, Abrasion strength class (3-H), $\text{Surface area} \leq 1,600 \text{ cm}^2$	m ²	On the job	375,00
10.240.4924	Breaking Strength Conditions (Class 2) Minimum 3.2 MPa bending strength, Abrasion strength class (3-H), $1,600 < \text{Surface Area} \leq 3600 \text{ cm}^2$	m ²	On the job	406,00
10.240.4925	Breaking Strength Conditions (Class 3) Minimum 4.0 MPa bending strength, Abrasion strength class (4-I), $\text{Surface area} \leq 1,600 \text{ cm}^2$	m ²	On the job	396,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.4926	Breaking Strength Conditions (Class 3) Minimum 4.0 MPa bending strength, Abrasion strength class (4-I), 1,600 < Surface Area ≤ 3600 cm²	m²	On the job	456,00
Terrazzo Baseboard (With marble, granite, basalt, andesite, quartz, silica aggregate) 6 to 10-cm high with 0 to 15-mm aggregate in a single layer manufactured with vacuum-press-vibration technique, wiped and chamfered. None of the vertical abrasion results in abrasion tests shall exceed 25 mm. None of the overall water absorption test results shall exceed 8% by mass. (Any color and thickness)				
10.240.5200	Terrazzo baseboard, 6 to 10 cm height, any thickness (With any surface treatment)	m	On the job	68,00
CONCRETE-REINFORCED, READY-MADE STAIR STEPS (TS EN 14843, TS 13631)				
Flat steps (step and riser as two pieces, With any surface treatment)				
10.240.5201	Stair steps with marble aggregate	m²	On the job	860,00
10.240.5202	Stair steps with granite aggregate	m²	On the job	973,00
10.240.5203	Stair steps with andesite and basalt aggregate	m²	On the job	973,00
10.240.5204	Stair steps with quartz/silica + marble aggregate	m²	On the job	1.106,00
10.240.5205	Stair steps with quartz/silica aggregate	m²	On the job	1.512,00
L-shaped miter steps (one piece), With any surface treatment				
10.240.5221	L-shaped stair steps with marble aggregate	m²	On the job	1.025,00
10.240.5222	L-shaped stair steps with granite aggregate	m²	On the job	1.172,00
10.240.5223	L-shaped stair steps with andesite and basalt aggregate	m²	On the job	1.172,00
10.240.5224	L-shaped stair steps with quartz/silica + marble aggregate	m²	On the job	1.257,00
10.240.5225	L-shaped stair steps with quartz/silica aggregate	m²	On the job	1.708,00
STAIR SKIRT BOARDS AND NOTCH BOARDS (TS EN 14843)				
10.240.5241	Stair skirt boards (L) (With any surface treatment)	m	On the job	125,00
10.240.5242	Stair skirt boards (L) (With any surface treatment)	m	On the job	135,00
CONCRETE-REINFORCED, READY-MADE WINDOWSILLS, PARAPETS AND COPING TILES (TS 4060, TS 4063)				
Windowsills, parapets and coping tiles (plain) (With any surface treatment)				
10.240.5301	Marble aggregate (plain) windowsills, parapets or coping tiles	m²	On the job	1.058,00
10.240.5302	Granite aggregate (plain) windowsills, parapets or coping tiles	m²	On the job	1.172,00
10.240.5303	Quartz/silica + marble aggregate (plain) windowsills, parapets or coping tiles	m²	On the job	1.228,00
10.240.5304	Quartz/silica aggregate (plain) windowsills, parapets or coping tiles	m²	On the job	1.530,00
Windowsills, parapets and coping tiles (L) (With any surface treatment)				
10.240.5321	Marble aggregate (L) windowsills, parapets or coping tiles	m²	On the job	1.134,00
10.240.5322	Granite aggregate (L) windowsills, parapets or coping tiles	m²	On the job	1.190,00
10.240.5323	Quartz/silica + marble aggregate (L) windowsills, parapets or coping tiles	m²	On the job	1.369,00
10.240.5324	Quartz/silica aggregate (L) windowsills, parapets or coping tiles	m²	On the job	1.530,00
Windowsills, parapets and coping tiles (U) (With any surface treatment)				
10.240.5341	Marble aggregate (U) windowsills, parapets or coping tiles	m²	On the job	1.370,00
10.240.5342	Granite aggregate (U) windowsills, parapets or coping tiles	m²	On the job	1.492,00
10.240.5343	Quartz/silica + marble aggregate (U) windowsills, parapets or coping tiles	m²	On the job	1.653,00
10.240.5344	Quartz/silica aggregate (U) windowsills, parapets or coping tiles	m²	On the job	1.766,00
AGGLOMERATES				
Modular Tiles for Floor and Stair Covering (Indoor and Outdoor) (TS EN 15285)				
10.240.5351	3 cm thick marble, granite and quartz aggregate slab (with cement-based binder)	m²	On the job	416,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
ANTI-SLIP STAIR STRIPS				
10.240.5401	Production of factory-made anti-slip stair strips made of a single row of rubber strip (0.7-cm indents shall be made 3 or 4 cm inside the edge of the step, and a rubber strip shall be placed in the indent)	m	On the job	77,00
10.240.5402	Production of factory-made anti-slip stair strips made of two rows of rubber strip (0.7-cm indents shall be made at 3-cm intervals 3 or 4 cm inside the edge of the step, and a rubber strip shall be placed in the indent)	m	On the job	122,00
10.240.5403	Production of factory-made anti-slip stair strips by sandblasting (3-4 cm inside the edge of the step shall be sandblasted in a width of 4 to 6 cm after it is polished)	m	On the job	67,00
10.240.5404	Production of factory-made anti-slip stair strips using Aska strips (After polishing, 6 to 12 rows of 0.3-cm-deep and 0.3-cm-wide grooves shall be made by blades 3 or 4 cm inside the steps)	m	On the job	67,00
10.240.5405	Factory-production of anti-slip strips for stairs in the form of corner cords in single lines (4x2 cm of rubber shall be placed on the edge of the steps at the production stage and polished with the step)	m	On the job	151,00
10.240.5406	Factory-production of anti-slip stair strips in the form of resin tapes (After the polishing is done, a 3 to 5-cm-wide and 0.5-cm-deep groove shall be made 3 to 4 cm from the edge of the step and filled with resin-based binder and silicon.)	m	On the job	127,00
10.240.5411	4 to 5-cm-wide anti-slip strips for the steps	m	On the job	13,92
10.240.5412	2.5 to 3-cm-wide anti-slip strips for the steps	m	On the job	7,25
GYPSUM BUILDING PLASTERS (TS EN 13279-1, 2)				
10.240.5506	Machine-applied plaster mortar	Kg	On the job	1,95
10.240.5507	Perlite Plaster Mortar	Kg	On the job	1,69
10.240.5508	Fine Application Plaster (Satin plaster)	Kg	On the job	3,09
10.240.5509	Building Plaster for Fiber-reinforced Components	Kg	On the job	1,70
10.240.5510	Masonry Plaster	Kg	On the job	1,95
PLASTERS USED FOR INSTALLATION OF GYPSUM BOARDS				
10.240.5513	Joint filling plaster (TS EN 13963)	Kg	On the job	2,85
10.240.5514	Adhesion plaster (TS EN 14496)	Kg	On the job	2,85
OTHER STRUCTURAL PLASTERS				
10.240.5517	Self-leveling, plaster-based floor bedding mortar (TS EN 13813)	Kg	On the job	6,76
10.240.5518	Plaster-based Ready-mix Floor Mortar (TS EN 13813)	Kg	On the job	1,70
GYPSUM BOARDS (TS EN 520 + A1)				
10.240.5581	6 to 6.5 mm thick standard (Type A) gypsum board	m ²	On the job	82,00
10.240.5582	9,5 mm thick standard (Type A) gypsum board	m ²	On the job	34,00
10.240.5583	12,5 mm thick standard (Type A) gypsum board	m ²	On the job	35,00
10.240.5584	15 mm thick standard (Type A) gypsum board	m ²	On the job	46,00
10.240.5585	18 mm thick standard (Type A) gypsum board	m ²	On the job	101,00
10.240.5593	12.5 mm thick gypsum board with reduced water absorption rate (Type H1)	m ²	On the job	56,00
10.240.5594	15 mm thick gypsum board with reduced water absorption rate (Type H1)	m ²	On the job	71,00
10.240.5595	18 mm thick gypsum board with reduced water absorption rate (Type H1)	m ²	On the job	157,00
10.240.5603	12.5 mm thick gypsum board with reduced water absorption rate (Type H2)	m ²	On the job	50,00
10.240.5604	15 mm thick gypsum board with reduced water absorption rate (Type H2)	m ²	On the job	64,00
10.240.5605	18 mm thick gypsum board with reduced water absorption rate (Type H2)	m ²	On the job	140,00
10.240.5613	12,5 mm thick (Type F) gypsum board with enhanced fire resistance	m ²	On the job	49,50
10.240.5614	15 mm thick (Type F) gypsum board with enhanced fire resistance	m ²	On the job	59,00
10.240.5615	18 mm thick (Type F) gypsum board with enhanced fire resistance	m ²	On the job	130,00
10.240.5623	12.5 mm thick (Type FH1) gypsum board with enhanced fire resistance and reduced water absorption rate	m ²	On the job	73,50
10.240.5624	15 mm thick (Type FH1) gypsum board with enhanced fire resistance and reduced water absorption rate	m ²	On the job	85,50

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.5625	18 mm thick (Type FH1) gypsum board with enhanced fire resistance and reduced water absorption rate	m ²	On the job	186,00
10.240.5633	12.5 mm thick (Type FH2) gypsum board with enhanced fire resistance and reduced water absorption rate	m ²	On the job	66,00
10.240.5634	15 mm thick (Type FH2) gypsum board with enhanced fire resistance and reduced water absorption rate	m ²	On the job	77,00
10.240.5635	18 mm thick (Type FH2) gypsum board with enhanced fire resistance and reduced water absorption rate	m ²	On the job	172,00
10.240.5643	12,5 mm thick (Type DF) gypsum board with enhanced fire resistance and density	m ²	On the job	54,00
10.240.5644	15 mm thick (Type DF) gypsum board with enhanced fire resistance and density	m ²	On the job	66,00
10.240.5653	12,5 mm thick (Type IR) gypsum board with enhanced surface rigidity and break resistance	m ²	On the job	52,00
10.240.5654	15 mm thick (Type IR) gypsum board with enhanced surface rigidity and break resistance	m ²	On the job	66,00
10.240.5673	12,5 mm thick (Type DFIR) gypsum board with enhanced surface rigidity, break resistance, density and fire resistance	m ²	On the job	54,00
10.240.5674	15 mm thick (Type DFIR) gypsum board with enhanced surface rigidity, break resistance, density and fire resistance	m ²	On the job	69,00
10.240.5683	12.5 mm thick (Type FH2IR) gypsum board with enhanced fire resistance, surface rigidity, break resistance and reduced water absorption rate	m ²	On the job	56,00
10.240.5684	15 mm thick (Type FH2IR) gypsum board with enhanced fire resistance, surface rigidity, break resistance and reduced water absorption rate	m ²	On the job	70,00
10.240.5693	12.5 mm thick (Type DFH1IR) gypsum board with enhanced density, fire resistance, surface rigidity, break resistance and reduced water absorption rate	m ²	On the job	95,00
10.240.5694	15 mm thick (Type DFH1IR) gypsum board with enhanced density, fire resistance, surface rigidity, break resistance and reduced water absorption rate	m ²	On the job	109,00
10.240.5703	12.5 mm thick (Type DFH2IR) gypsum board with enhanced density, fire resistance, surface rigidity, break resistance and reduced water absorption rate	m ²	On the job	86,00
10.240.5704	15 mm thick (Type DFH2IR) gypsum board with enhanced density, fire resistance, surface rigidity, break resistance and reduced water absorption rate	m ²	On the job	97,50
GYPSUM BOARDS REINFORCED WITH FELT-TYPE FIBER (TS EN 15283-1+A1)				
10.240.5713	12.5 mm thick (Type GM-FH1) gypsum board with both surfaces coated with glass fiber, enhanced fire resistance and reduced water absorption rate	m ²	On the job	91,00
10.240.5714	15 mm thick (Type GM-FH1) gypsum board with both surfaces coated with glass fiber, enhanced fire resistance and reduced water absorption rate	m ²	On the job	105,00
10.240.5723	12.5 mm thick (Type GM-FH1R) gypsum board with both surfaces coated with glass fiber, enhanced fire resistance, break resistance and reduced water absorption rate	m ²	On the job	101,00
10.240.5724	15 mm thick (Type GM-FH1R) gypsum board with both surfaces coated with glass fiber, enhanced fire resistance, break resistance and reduced water absorption rate	m ²	On the job	113,00
10.240.5733	12,5 mm thick (Type GM-FR) gypsum board with both surfaces coated with glass fiber, enhanced fire resistance and break resistance	m ²	On the job	113,00
10.240.5734	15 mm thick (Type GM-FR) gypsum board with both surfaces coated with glass fiber, enhanced fire resistance and break resistance	m ²	On the job	178,00
10.240.5735	20 mm thick (Type GM-FR) gypsum board with both surfaces coated with glass fiber, enhanced fire resistance and break resistance	m ²	On the job	331,00
10.240.5736	25 mm thick (Type GM-FR) gypsum board with both surfaces coated with glass fiber, enhanced fire resistance and break resistance	m ²	On the job	427,00
10.240.5743	12,5 mm thick (Type GM-F) gypsum board with both surfaces coated with glass fiber, and enhanced fire resistance	m ²	On the job	105,00
10.240.5744	15 mm thick (Type GM-F) gypsum board with both surfaces coated with glass fiber, and enhanced fire resistance	m ²	On the job	169,00
10.240.5745	20 mm thick (Type GM-F) gypsum board with both surfaces coated with glass fiber, and enhanced fire resistance	m ²	On the job	322,00
10.240.5746	25 mm thick (Type GM-F) gypsum board with both surfaces coated with glass fiber, and enhanced fire resistance	m ²	On the job	407,00
GYPSUM BOARDS REINFORCED WITH CELLULOSIC FIBER (TS EN 15283-2+A1)				
10.240.5753	10 mm thick board made of a mixture of gypsum mortar and cellulose	m ²	On the job	73,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.5754	12,5 mm thick board made of a mixture of gypsum mortar and cellulose	m ²	On the job	87,00
10.240.5755	15 mm thick board made of a mixture of gypsum mortar and cellulose	m ²	On the job	95,00
GYPSON BOARD PRODUCTS (TS EN 14190)				
10.240.5763	8 mm thick, 60 x 60-cm gypsum ceiling tile (Type A)	m ²	On the job	45,50
10.240.5764	9.5 mm thick, 60 x 60-cm gypsum ceiling tile (Type A) with coated front surface	m ²	On the job	53,00
10.240.5765	8 mm thick, 60 x 60-cm gypsum ceiling tile (Type A) with PVC-paneled front surface and metal film-paneled rear surface	m ²	On the job	56,00
10.240.5766	9.5 mm thick, 60 x 60-cm gypsum ceiling tile (Type A) with PVC-paneled front surface, and metal film-paneled rear surface	m ²	On the job	70,00
10.240.5768	9.5 mm thick, 60 x 60-cm gypsum ceiling tile (Type H2) with reduced water absorption rate and coated front surface	m ²	On the job	87,00
10.240.5780	9.5 mm thick, 60 x 60 cm gypsum ceiling tile (Type H2), with PVC-coated front surface, metal film-coated rear surface, and reduced water absorption rate	m ²	On the job	99,00
10.240.5782	9.5-mm-thick, 60 x 60-cm perforated gypsum ceiling tile (Type A) with coated front surface and glass tissue-covered rear surface	m ²	On the job	101,00
10.240.5784	9.5-mm-thick, 60 x 120-cm perforated gypsum ceiling tile (Type A) with coated front surface and glass tissue-covered rear surface	m ²	On the job	101,00
10.240.5786	9.5 mm thick, 60 x 60-cm perforated gypsum ceiling tile (Type A) with PVC-paneled front surface, and glass tissue-covered rear surface	m ²	On the job	105,00
10.240.5791	12.5-mm-thick, irregularly perforated gypsum boards (Type A) with one surface covered with glass tissue	m ²	On the job	200,00
10.240.5792	12.5 mm thick, regularly perforated gypsum boards (Type A) with one surface covered with glass tissue	m ²	On the job	140,00
10.240.5793	12.5 mm thick, perforated, curved gypsum boards (Type A) with one surface covered with glass tissue	m ²	On the job	117,00
10.240.5794	7 mm thick, 60 x 60-cm gypsum ceiling tile (Type A) with coated front surface	m ²	On the job	51,00
PVC-BASED FLOORING				
A) Elastic Flooring, fire class Bfl s1, Anti-bacterial TS EN ISO 10581, TS EN ISO 24343-1, TS EN ISO 24344, TS EN 684, TS EN ISO 10874, TS EN 660-2				
2- Flexible, homogeneous, heterogeneous, 2.0-mm-thick				
10.240.6001	Homogeneous (Group: P) (Abrasion – thickness loss: $AL \leq 0.15$ mm or volume loss $Fv \leq 4.0$ mm ³) (Permanent indentation ≤ 0.10 mm)	m ²	On the job	360,00
10.240.6002	Heterogeneous (Group: T) Pure PVC with top layer thickness min. 0,55 mm (Abrasion - thickness loss: $AL \leq 0.08$ mm or Volume loss $Fv \leq 2.0$ mm ³) (Permanent indentation ≤ 0.10 mm)	m ²	On the job	300,00
10.240.6003	Homogeneous (Group: T) (Abrasion - thickness loss: $AL \leq 0.08$ mm or Volume loss $Fv \leq 2.0$ mm ³) (Permanent indentation ≤ 0.10 mm)	m ²	On the job	450,00
10.240.6010	Heterogeneous (Group: T) Pure PVC with top layer thickness min. 0.70 mm (Abrasion - thickness loss: $AL \leq 0.08$ mm or Volume loss $Fv \leq 2.0$ mm ³) (Permanent indentation ≤ 0.10 mm)	m ²	On the job	350,00
4- Flexible, homogeneous, 2.0-mm thick, conductor tile. Electrical resistance: 10^4 ohms - 10^6 ohms.				
10.240.6011	Group: T (Abrasion - thickness loss: $AL \leq 0.08$ mm or Volume loss $Fv \leq 2.0$ mm ³) (Permanent indentation ≤ 0.10 mm)	m ²	On the job	550,00
10.240.6012	Group: P (Abrasion - thickness loss: $AL \leq 0.15$ mm or Volume loss $Fv \leq 4.0$ mm ³) (Permanent indentation ≤ 0.10 mm)	m ²	On the job	475,00
5- Flexible, heterogeneous, granule surface, non-slip, 2.0-mm thick (Group T) (Abrasion - thickness loss: $AL \leq 0.08$ mm or Volume loss $Fv \leq 2.0$ mm³) (Permanent indentation ≤ 0.10 mm)				
10.240.6021	Wet areas Pure PVC with top abrasion layer thickness min. 0,55 mm	m ²	On the job	500,00
10.240.6022	Inclined surfaces (ramps) Pure PVC with top abrasion layer thickness min. 0.70 mm	m ²	On the job	600,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
B) Elastic Flooring (with foam backing), fire class Cfl s1, Anti-bacterial TS EN 651, TS EN ISO 24340, TS EN ISO 24343-1, TS EN 684				
10.240.6031	Flexible, heterogeneous, min. 3.0-mm thick, top layer thickness min. 0.65 mm (Abrasion - thickness loss: $AL \leq 0.08$ mm or Volume loss $F_v \leq 2.0$ mm ³) (Permanent indentation ≤ 0.20 mm) (Acoustic insulation: min. 15 Db) Group: T	m ²	On the job	420,00
C- PVC-based flooring chemicals and accessories				
10.240.6051	PVC-based flexible baseboard	m	On the job	30,00
10.240.6052	PVC-based, self-rotational capped baseboard	m	On the job	45,00
10.240.6053	Welding cord	m	On the job	7,00
10.240.6054	PVC-based transition profile (4 cm of width, min. 2 mm of wall thickness)	m	On the job	40,00
10.240.6055	Aluminum-based transition profile (4-cm wide)	m	On the job	70,00
10.240.6056	PVC-based stair nosing	m	On the job	50,00
10.240.6057	PVC-based sideboard cushion	m	On the job	25,00
10.240.6058	Acrylic-based PVC Adhesive	Kg	On the job	90,00
10.240.6059	Acrylic-based Carbon-Reinforced Conductor PVC Adhesive	Kg	On the job	150,00
	NOTE: 1- The bottom layer of the heterogeneous material shall be non-absorbent, non-breakable, flexible, made of weldable PVC, etc. mixture for its entire thickness (1.5 mm or 2.0 mm); and shall not be foam, swollen or expanded foam, cork, etc. Heterogeneous material with 1.5 mm thickness shall be min. 2100 g/m², and heterogeneous material with 2 mm thickness shall be min. 2800 g/m². In addition, a certificate of compliance with the EN 649 standard issued by an internationally accredited organization shall be required. The condition that fire class as well as volume test and abrasion thickness loss test results are published by the manufacturers on their international websites shall be sought. (This definition applies to the items no. 10.240.6001...6022) Samples shall be taken with the administration before the materials (item no. 10.240.6001...6031) under the aforementioned titles 10.240.6001...6031 are manufactured. The samples shall be tested by an accredited laboratory. The approved test results shall be annexed to the payment receipt. 2-10.240.6001 - Administrator and personnel rooms, guest houses, day care centers, infirmaries, etc. of public institutions and organizations. 10.240.6002 - Administrator and personnel rooms, (except hospitals) guest houses, day care centers, etc. of public institutions and organizations. 10.240.6003/6010 - All corridors of public service buildings, hearing rooms of court houses, fitness and multi-purpose rooms, hospital intensive care units, patient rooms (except hospital operating rooms and x-ray rooms), outpatient clinics, rehabilitation centers, community healthcare centers, cafeterias, classrooms, dormitories, libraries, laboratories, and any area where medical stretchers and trolleys may be used, etc. 10.240.6011/6012 - Hospital operating rooms, x-ray rooms, IT main switch rooms, production and storage areas of defense industry, electronics production and repair areas, etc. 10.240.6021/6022 - Wet surfaces and inclined surfaces (ramps), etc. 10.240.6031 - Meeting and conference halls, and reading rooms of libraries, etc.			
INDOOR COATING MATERIALS FOR SPORTS HALLS				
Fire Class Cfl s1 (TS EN 14904)				
10.240.6071	EN 14808 25 ≤ Shock Absorption < 35, EN 14809 Vertical Deformation ≤ 2 mm, EN 13036-4 80 ≤ Friction Coefficient ≤ 110, EN 12235 Ball Bounce min. 90%, EN 1516 Penetration Resistance max. 0.5 mm, TS 8103 EN ISO 5470-1 Abrasion Resistance max. 1000mg	m ²	On the job	900,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.6072	EN 14808 35 ≤ Shock Absorption < 45, EN 14809 Vertical Deformation ≤ 3 mm, EN 13036-4 80≤ Friction Coefficient ≤ 110, EN 12235 Ball Bounce min. 90%, EN 1516 Penetration Resistance max. 0.5 mm, TS 8103 EN ISO 5470-1 Abrasion Resistance max. 1000 mg	m²	On the job	1.200,00
10.240.6073	EN 14808 45 ≤ Shock Absorption, EN 14809 Vertical Deformation ≤ 3.5 mm, EN 13036-4 80≤ Friction Coefficient ≤ 110, EN 12235 Ball Bounce min. 90%, EN 1516 Penetration Resistance max. 0.5 mm, TS 8130 ISO 6670, TS EN ISO 5470-1 Abrasion Resistance max. 1000 mg	m²	On the job	1.600,00
	Note: A document issued by an internationally accredited organization and indicating that the said materials were manufactured per TS EN 14904 and TÜRKAK-approved compliance test results shall be requested.			
LINOLEUM FLOORING (TS EN ISO 24011) (Fire Class Cfl s1)				
10.240.6101	2 mm thickness (Class 32-41 - TS EN ISO 10874) (Permanent indentation =<0.10 mm - TS EN ISO 24343-1)	m²	On the job	450,00
10.240.6102	2.5 mm thickness (Class 34-43 - TS EN ISO 10874) (Permanent indentation =<0.10 mm - TS EN ISO 24343-1)	m²	On the job	405,00
10.240.6103	3.2 mm thickness (Class 34-43 - TS EN ISO 10874) (Permanent indentation =<0.10 mm - TS EN ISO 24343-1)	m²	On the job	600,00
10.240.6104	Linoleum welding cord	m	On the job	10,00
10.240.6105	Acrylic-based linoleum adhesive	Kg	On the job	75,00
LUXURY VINYL TILES (LVT) (TS EN 14041, TS EN ISO 10582) (Fire Class Bfl S1)				
10.240.6122	Top layer thickness: 0.55 mm - Total thickness: 2.5 mm (Permanent indentation =<0.10 mm - TS EN ISO 24343-1)	m²	On the job	415,00
10.240.6123	Top layer thickness: 0.70 mm - Total thickness: 2.5 mm (Permanent indentation =<0.10 mm - TS EN ISO 24343-1)	m²	On the job	450,00
10.240.6127	Top layer thickness: 0.30 mm - Total thickness: 5 mm (Permanent indentation =<0.10 mm - TS EN ISO 24343-1)	m²	On the job	600,00
10.240.6128	Top layer thickness: 0.55 mm - Total thickness: 5 mm (Permanent indentation =<0.10 mm - TS EN ISO 24343-1)	m²	On the job	650,00
LAY-ON CEILING SYSTEM (Min. 20-micron-thick coat of electrostatic polyester powder paint) (TS EN 13964)				
10.240.6501	0.70-mm-thick, 60x60 cm, EN AW 3000 series unperforated aluminum plate	m²	On the job	345,00
10.240.6502	0.70-mm-thick, 60x60 cm, EN AW 3000 series perforated aluminum plate	m²	On the job	360,00
10.240.6503	0.70-mm-thick, 60x60 cm, EN AW 3000 series perforated aluminum plate with backside covered with acoustic fabric	m²	On the job	410,00
10.240.6504	0.50-mm-thick, 30x30-cm, EN AW 3000 series unperforated aluminum plate	m²	On the job	380,00
10.240.6505	0.70-mm-thick, 30x30-cm, EN AW 3000 series unperforated aluminum plate	m²	On the job	395,00
10.240.6506	0.50-mm-thick, 30x30-cm, EN AW 3000 series perforated aluminum plate	m²	On the job	385,00
10.240.6507	0.70-mm-thick, 30x30-cm, EN AW 3000 series perforated aluminum plate	m²	On the job	395,00
10.240.6508	0.50-mm-thick, 30x30 cm, EN AW 3000 series perforated aluminum plate with backside covered with acoustic fabric	m²	On the job	395,00
10.240.6509	0.70-mm-thick, 30x30 cm, EN AW 3000 series perforated aluminum plate with backside covered with acoustic fabric	m²	On the job	410,00
10.240.6510	Unperforated plate sized 60 x 60-cm with 0.50-mm thickness, made of hot-dip galvanized sheet metal	m²	On the job	282,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.6511	Perforated plate sized 60 x 60 cm with 0.50-mm thickness, made of hot-dip galvanized sheet metal	m ²	On the job	282,00
10.240.6512	Perforated plate sized 60x60 cm with 0.50-mm thickness, made of hot-dip galvanized sheet metal, with the back surface covered with fabric	m ²	On the job	305,00
10.240.6513	Unperforated plate sized 60 x 120-cm with 0.60-mm thickness, made of hot-dip galvanized sheet metal	m ²	On the job	320,00
10.240.6514	Perforated plate sized 60 x 120-cm with 0.60-mm thickness, made of hot-dip galvanized sheet metal	m ²	On the job	340,00
10.240.6515	Perforated plate sized 60x120 with 0.60-mm thickness, made of hot-dip galvanized sheet metal, with the back surface covered with fabric	m ²	On the job	390,00
LAY-IN CEILING SYSTEM (Min. 20-micron-thick coat of electrostatic polyester powder paint) (TS EN 13964)				
10.240.6551	0.70-mm-thick, 60 x 60-cm, EN AW 3000 series unperforated aluminum plate	m ²	On the job	345,00
10.240.6552	0.70-mm-thick, 60x60 cm, EN AW 3000 series perforated aluminum plate	m ²	On the job	360,00
10.240.6553	0.70-mm-thick, 60x60 cm, EN AW 3000 series perforated aluminum plate with backside covered with acoustic fabric	m ²	On the job	395,00
10.240.6554	0.50-mm-thick, 30x30-cm, EN AW 3000 series unperforated aluminum plate	m ²	On the job	380,00
10.240.6555	0.70-mm-thick, 30 x 30-cm, EN AW 3000 series unperforated aluminum plate	m ²	On the job	385,00
10.240.6556	0.50-mm-thick, 30 x 30-cm, EN AW 3000 series perforated aluminum plate	m ²	On the job	380,00
10.240.6557	0.70-mm-thick, 30 x 30-cm, EN AW 3000 series perforated aluminum plate	m ²	On the job	395,00
10.240.6558	0.50-mm-thick, 30 x 30-cm, EN AW 3000 series perforated aluminum plate with backside covered with acoustic fabric	m ²	On the job	412,00
10.240.6559	0.70-mm-thick, 30 x 30-cm, EN AW 3000 series perforated aluminum plate with backside covered with acoustic fabric	m ²	On the job	412,00
10.240.6560	Unperforated plate sized 60 x 60-cm with 0.50-mm thickness, made of hot-dip galvanized sheet metal	m ²	On the job	250,00
10.240.6561	Perforated plate sized 60 x 60 cm with 0.50-mm thickness, made of hot-dip galvanized sheet metal	m ²	On the job	275,00
10.240.6562	Perforated plate sized 60x60 cm with 0.50-mm thickness, made of hot-dip galvanized sheet metal, with the back surface covered with fabric	m ²	On the job	306,00
10.240.6563	Unperforated plate sized 60 x 120-cm with 0.60-mm thickness, made of hot-dip galvanized sheet metal	m ²	On the job	285,00
10.240.6564	Perforated plate sized 60 x 120-cm with 0.60-mm thickness, made of hot-dip galvanized sheet metal	m ²	On the job	306,00
10.240.6565	Perforated plate sized 60x120 with 0.60-mm thickness, made of hot-dip galvanized sheet metal, with the back surface covered with fabric	m ²	On the job	340,00
CLIP-IN CEILING SYSTEM (Min. 20-micron-thick coat of electrostatic polyester powder paint) (TS EN 13964)				
10.240.6601	0.70-mm-thick, 60 x 60-cm, EN AW 3000 series unperforated aluminum plate	m ²	On the job	360,00
10.240.6602	0.70-mm-thick, 60x60 cm, EN AW 3000 series perforated aluminum plate	m ²	On the job	395,00
10.240.6603	0.70-mm-thick, 60x60 cm, EN AW 3000 series perforated aluminum plate with backside covered with acoustic fabric	m ²	On the job	450,00
10.240.6604	0.50-mm-thick, 30x30-cm, EN AW 3000 series unperforated aluminum plate	m ²	On the job	380,00
10.240.6605	0.70-mm-thick, 30 x 30-cm, EN AW 3000 series unperforated aluminum plate	m ²	On the job	432,00
10.240.6606	0.50-mm-thick, 30 x 30-cm, EN AW 3000 series perforated aluminum plate	m ²	On the job	385,00
10.240.6607	0.70-mm-thick, 30 x 30-cm, EN AW 3000 series perforated aluminum plate	m ²	On the job	445,00
10.240.6608	0.50-mm-thick, 30 x 30-cm, EN AW 3000 series perforated aluminum plate with backside covered with acoustic fabric	m ²	On the job	395,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.6609	0.70-mm-thick, 30 x 30-cm, EN AW 3000 series perforated aluminum plate with backside covered with acoustic fabric	m ²	On the job	460,00
10.240.6610	Unperforated plate sized 60 x 60-cm with 0.50-mm thickness, made of hot-dip galvanized sheet metal	m ²	On the job	295,00
10.240.6611	Perforated plate sized 60 x 60 cm with 0.50-mm thickness, made of hot-dip galvanized sheet metal	m ²	On the job	300,00
10.240.6612	Perforated plate sized 60x60 cm with 0.50-mm thickness, made of hot-dip galvanized sheet metal, with the back surface covered with fabric	m ²	On the job	330,00
10.240.6613	Unperforated plate sized 30 x 120 with 0.50-mm thickness, made of hot-dip galvanized sheet metal	m ²	On the job	315,00
10.240.6614	Perforated plate sized 30 x 120 with 0.50-mm thickness, made of hot-dip galvanized sheet metal	m ²	On the job	360,00
10.240.6615	Perforated plate sized 30 x 120 with 0.50-mm thickness, made of hot-dip galvanized sheet metal, with the back surface covered with fabric	m ²	On the job	360,00
ALUMINUM LAMELLAR SUSPENDED CEILING (TS EN 13964) (EN AW 3000 series) (Aluminum fins factory-coated by a roller system with the internal surfaces coated with min. 5 microns of epoxy primer and min. 20 microns of polyester final layer, and the surface facing ceiling coated with 5 microns of epoxy primer)				
10.240.6651	85-mm-wide, 0.70-mm-thick	m ²	On the job	370,00
10.240.6652	85-mm-wide, 0.50-mm-thick (self-jointed)	m ²	On the job	460,00
10.240.6653	85-mm-wide, 0.70-mm-thick (perforated)	m ²	On the job	460,00
10.240.6654	100-mm-wide, 0.70-mm-thick	m ²	On the job	370,00
10.240.6655	100-mm-wide, 0.50-mm-thick (self-jointed)	m ²	On the job	430,00
10.240.6656	100-mm-wide, 0.70-mm-thick (perforated)	m ²	On the job	460,00
10.240.6657	250-mm-wide, 0.70-mm-thick	m ²	On the job	400,00
10.240.6658	100-mm-wide, 50-mm-high V-shaped, 0.70-mm-thick	m ²	On the job	535,00
10.240.6659	15-mm-wide, 0.50-mm-thick joint strip	m	On the job	40,00
10.240.6660	20-mm-wide, 0.50-mm-thick joint strip	m	On the job	40,00
10.240.6661	Edge U-profile (0.50 mm thickness)	m	On the job	32,00
PROFILE SYSTEMS USED FOR INTERNALLY APPLIED INSULATION (TS EN 13964)				
10.240.6681	0.50-mm-thick, min. 20-mm-wide, U-profile hot-dip galvanized sheet metal	m	On the job	11,00
10.240.6682	0.60-mm-thick, min. 48-mm-wide, C-profile hot-dip galvanized sheet metal	m	On the job	20,00
10.240.6683	Fixing tools (75-mm or 100-mm-long galvanized sheet metal fixing rod and galvanized sheet metal adjusting ring)	Qty	On the job	15,00
10.240.6684	1-mm-thick, min. 48-mm-wide galvanized sheet metal window retainer	Qty	On the job	7,00
GLASS WOOL SUSPENDED CEILING AND WALL PANELS (TS EN 13964) (Fire Class A2 s1 d0)				
10.240.6731	Rock wool suspended ceiling panel with 15 mm thickness, painted front side and 50 kg/m ³ density	m ²	On the job	355,00
10.240.6732	40-mm-thick glass wool wall panel with both sides covered with acoustic fabric or painted, and 95 kg/m ³ density	m ²	On the job	2.000,00
10.240.6733	40-mm-thick glass wool suspended ceiling panel with the front surface covered with acoustic fabric or painted, the back surface covered with glass tissue with 95 kg/m ³ density	m ²	On the job	1.780,00
10.240.6734	20-mm-thick glass wool wall panel with the front surface covered with acoustic fabric, the back surface covered with glass tissue with 95 kg/m ³ density	m ²	On the job	1.280,00
10.240.6735	40-mm-thick glass wool wall panel with the front surface covered with acoustic fabric, the back surface covered with glass tissue with 95 kg/m ³ density	m ²	On the job	1.700,00
ROCK WOOL SUSPENDED CEILING PANELS (Density: min. 120 kg/m³) (Rockwool rate: min. 50%) (Fire class: min. A2 S1 D0) (TS EN 13964)				
Rock wool suspended ceiling panels seated on T24 carriers				

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.6751	12-mm thick, min. 70% relative humidity resistance as per TS EN ISO 11654, white-coated rock wool suspended ceiling panel with alpha w value of min. 0.45	m ²	On the job	120,00
10.240.6752	15-mm thick, min. 70% relative humidity resistance as per TS EN ISO 11654, white-coated rock wool suspended ceiling panel with alpha w value of min. 0,55	m ²	On the job	132,50
10.240.6753	15-mm thick, min. 90% relative humidity resistance as per TS EN ISO 11654, alpha w value of min. 0.60, Dnfw value min. 29 ddB white-coated, sandy and perforated rock wool suspended ceiling panel with blunt edge finish	m ²	On the job	195,00
10.240.6754	15-mm thick, min. 95% relative humidity resistance as per TS EN ISO 11654, alpha w value of min. 0.60, Dnfw value min. 31 ddB white-coated, tightly perforated rock wool suspended ceiling panel with blunt edge finish	m ²	On the job	175,00
10.240.6755	Suspended ceiling panel with 15 mm thickness, 95% relative humidity resistance, with a minimum alpha w value of 0.55 and a minimum Dnfw value of 32 dB as per TS EN ISO 11654, with a white sandy surface and blunt edge finish.	m ²	On the job	315,00
10.240.6756	Suspended ceiling panel with 15 mm thickness, 95% relative humidity resistance, with a minimum alpha w value of 0.80 and a minimum Dnfw value of 25 dB as per TS EN ISO 11654, with a white laminated surface and blunt edge finish.	m ²	On the job	345,00
10.240.6757	Suspended ceiling panel with min. 19 mm thickness, 95% relative humidity resistance, with a minimum alpha w value of 0.95 and a minimum Dnfw value of 25 dB as per TS EN ISO 11654, with a white laminated surface and blunt edge finish.	m ²	On the job	440,00
10.240.6758	Suspended ceiling panel with min. 19 mm thickness, 95% relative humidity resistance, with a minimum alpha w value of 1.0 and a minimum Dnfw value of 24 dB as per TS EN ISO 11654, with a white laminated surface and blunt edge finish.	m ²	On the job	530,00
10.240.6759	Suspended ceiling panel with 19 mm thickness, 95% relative humidity resistance, with a minimum alpha w value of 0.60 and a minimum Dnfw value of 40 dB as per TS EN ISO 11654, with a white laminated surface and blunt edge finish.	m ²	On the job	680,00
Rock wool suspended ceiling panels laid-on T24 carriers				
10.240.6771	15-mm thick, min. white-coated, micro-perforated rock wool suspended ceiling panel with T24 tegular edge; minimum 95% relative humidity resistance, alpha w ≥ 0.60 and Dnfw ≥ 31 dB, compliant with TS EN ISO 11654.	m ²	On the job	280,00
10.240.6772	Suspended lay-in ceiling panel with 15 mm thickness, 95% relative humidity resistance, with a minimum alpha w value of 0.55 and a minimum Dnfw value of 35 dB as per TS EN ISO 11654, white sandy surface, and edge end laid-on T24.	m ²	On the job	355,00
10.240.6773	Suspended ceiling lay-in panel with 15 mm thickness, 95% relative humidity resistance, with a minimum alpha w value of 0.80 and a minimum Dnfw value of 25 dB as per TS EN ISO 11654, white laminated surface, and edge end laid-on T24.	m ²	On the job	345,00
10.240.6774	Min. 19-mm-thick suspended ceiling lay-in panel, 95% relative humidity resistance, with a minimum alpha w value of 0.95 and a minimum Dnfw value of 25 dB as per TS EN ISO 11654, white laminated surface, and edge end laid-on T24.	m ²	On the job	530,00
10.240.6775	Min. 19-mm-thick suspended ceiling lay-in panel, 95% relative humidity resistance, with a minimum alpha w value of 1.0 and a minimum Dnfw value of 24 dB as per TS EN ISO 11654, white laminated surface, and edge end laid-on T24.	m ²	On the job	585,00
10.240.6776	Suspended ceiling panel with 19 mm thickness, 95% relative humidity resistance, with a minimum alpha w value of 0.60 and a minimum Dnfw value of 40 dB as per TS EN ISO 11654, white laminated surface and edge end laid-on T24.	m ²	On the job	740,00
Rock wool suspended ceiling panels laid-on T15 carriers				
10.240.6791	15-mm thick, min. 95% relative humidity resistance as per TS EN ISO 11654, alpha w value of min. 0.60, Dnfw value min. 31 ddB white-coated, tightly perforated rock wool suspended lay-in ceiling panel, and edge end laid-on T15.	m ²	On the job	310,00
10.240.6792	Suspended lay-in ceiling panel with 15 mm thickness, 95% relative humidity resistance, with a minimum alpha w value of 0.55 and a minimum Dnfw value of 35 dB as per TS EN ISO 11654, white sandy surface, and edge end laid-on T15.	m ²	On the job	390,00
10.240.6793	Suspended ceiling lay-in panel with 15 mm thickness, 95% relative humidity resistance, with a minimum alpha w value of 0.85 and a minimum Dnfw value of 25 dB as per TS EN ISO 11654, white laminated surface and edge end laid-on T15.	m ²	On the job	410,00
10.240.6794	Min. 19-mm-thick suspended ceiling lay-in panel, 95% relative humidity resistance, with a minimum alpha w value of 0.95 and a minimum Dnfw value of 25 dB as per TS EN ISO 11654, white laminated surface, and edge end laid-on T15.	m ²	On the job	530,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.6795	Min. 19-mm-thick suspended ceiling lay-in panel, 95% relative humidity resistance, with a minimum α_w value of 1.0 and a minimum Dnfw value of 24 dB as per TS EN ISO 11654, white laminated surface, and edge end laid-on T15.	m ²	On the job	565,00
10.240.6796	Suspended ceiling panel with 19 mm thickness, 95% relative humidity resistance, with a minimum α_w value of 0.60 and a minimum Dnfw value of 40 dB as per TS EN ISO 11654, white laminated surface and edge end laid-on T15.	m ²	On the job	745,00
Rock wool suspended ceiling panels with concealed T24 carriers				
10.240.6811	Suspended ceiling panel with 19 mm thickness, 95% relative humidity resistance, with a minimum α_w value of 0.75 and a minimum Dnfw value of 33 dB as per TS EN ISO 11654, white laminated surface and edge concealing T24 carrier.	m ²	On the job	820,00
10.240.6812	Suspended ceiling panel with 19 mm thickness, 95% relative humidity resistance, with a minimum α_w value of 0.65 and a minimum Dnfw value of 35 dB as per TS EN ISO 11654, white sandy surface and edge concealing T24 carrier.	m ²	On the job	480,00
10.240.6813	Suspended ceiling panel with 17 mm thickness, 95% relative humidity resistance, with a minimum α_w value of 0.90 and a minimum Dnfw value of 29 dB as per TS EN ISO 11654, white laminated surface and edge concealing T24 carrier.	m ²	On the job	740,00
PVC FACADE AND WALL CLADDING, SUSPENDED CEILING				
10.240.7201	Hard PVC cladding panel used for cladding outside walls of buildings (TS 10883)	m ²	On the job	200,00
10.240.7202	Hard PVC cladding panel used for cladding interior surfaces of buildings (TS 10884)	m ²	On the job	160,00
10.240.7203	Hard PVC suspended ceiling panels in any color and pattern (60 cm x 60 cm) (TS 10884)	m ²	On the job	180,00
10.240.7204	Hard PVC suspended ceiling panels in any color and pattern (30 cm x 30 cm) (TS 13964)	m ²	On the job	165,00
GLASS, CERAMIC, NATURAL STONE MOSAICS (Any color, size, form and pattern, meshed (lined up on mesh))				
10.240.8001	Glass mosaics	m ²	On the job	360,00
10.240.8002	Ceramic mosaics	m ²	On the job	475,00
10.240.8003	Natural stone mosaics (Jointless - Polished Surface)	m ²	On the job	710,00
10.240.8004	Natural stone mosaics (Jointed - Plain Surface)	m ²	On the job	785,00
CEMENT-BONDED PARTICLE BOARDS (TS EN 634-1, 2)				
10.240.8051	8 mm thickness	m ²	On the job	132,00
10.240.8052	10 mm thickness	m ²	On the job	165,00
10.240.8053	12 mm thickness	m ²	On the job	200,00
10.240.8054	14 mm thickness	m ²	On the job	235,00
10.240.8055	16 mm thickness	m ²	On the job	265,00
10.240.8056	18 mm thickness	m ²	On the job	300,00
10.240.8057	20 mm thickness	m ²	On the job	335,00
10.240.8058	24 mm thickness	m ²	On the job	395,00
10.240.8059	28 mm thickness	m ²	On the job	465,00
10.240.8060	30 mm thickness	m ²	On the job	500,00
FLAT BOARDS MADE OF FIBER-REINFORCED CEMENT (TS EN 12467+A2) (Market Prices of other thicknesses will be interpolated)				
10.240.8101	6 mm thickness	m ²	On the job	130,00
10.240.8102	8 mm thickness	m ²	On the job	145,00
10.240.8103	10 mm thickness	m ²	On the job	190,00
10.240.8104	12 mm thickness	m ²	On the job	225,00
10.240.8105	14 mm thickness	m ²	On the job	255,00
10.240.8106	16 mm thickness	m ²	On the job	295,00
10.240.8107	18 mm thickness	m ²	On the job	335,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.8108	20 mm thickness	m ²	On the job	370,00
MAGNESIUM-OXIDE-BASED BOARDS (ETA) (Market Prices of other thicknesses will be interpolated)				
10.240.8201	4 mm thickness	m ²	On the job	80,00
10.240.8202	6 mm thickness	m ²	On the job	115,00
10.240.8203	8 mm thickness	m ²	On the job	145,00
10.240.8204	10 mm thickness	m ²	On the job	180,00
10.240.8205	12 mm thickness	m ²	On the job	205,00
10.240.8206	14 mm thickness	m ²	On the job	230,00
10.240.8207	16 mm thickness	m ²	On the job	265,00
10.240.8208	18 mm thickness	m ²	On the job	300,00
10.240.8209	20 mm thickness	m ²	On the job	325,00
PLASTIC PROFILE PANELS WITH FIBERGLASS-REINFORCED POLYESTER RESIN (CTP) CATEGORY 1, 3, 4 (TS EN 1013+A1)				
A- Transparent roofing sheets				
10.240.9001	0.9-mm-thick, UV-resistant, translucent, grooved, trapezoidal roof panel coated with 30-micron-thick protective film or gel	m ²	On the job	145,00
B- Opaque colored roofing sheets				
10.240.9011	1.5-mm-thick, UV-resistant, grooved/trapezoidal roof panel coated with 30-micron-thick protective film or gel	m ²	On the job	235,00
10.240.9012	1.8-mm-thick, UV-resistant, grooved/trapezoidal roof panel coated with 30-micron-thick protective film or gel	m ²	On the job	290,00
10.240.9013	2.0-mm-thick, UV-resistant, grooved/trapezoidal roof panel coated with 30-micron-thick protective film or gel	m ²	On the job	360,00
C- Double-layer fiberglass-reinforced transparent polyester sandwich composite panel sheets				
10.240.9021	UV-resistant, grooved/trapezoidal panels with 1.5mm thick top panel coated with 30-micron thick protective film or gel, 1.2 mm thick bottom plate without any film or gel, and polyethylene foam filling (of 30 kg/m ³ density and 40 mm thickness) in between	m ²	On the job	545,00
10.240.9022	1.5 mm thick, 30-micron thick protective film or gel coated upper panel, and 1.2 mm thick bottom panel without any film or gel, with polyethylene foam filling (of 30 kg/m ³ density and 50 mm thickness) in between, UV-resistant, grooved/trapezoidal panels	m ²	On the job	580,00
10.240.9023	1.8 mm thick, 30-micron thick protective film or gel coated upper panel, and 1.5 mm thick bottom panel without any film or gel, with polyethylene foam filling (of 30 kg/m ³ density and 40 mm thickness) in between, UV-resistant, grooved/trapezoidal panels	m ²	On the job	650,00
10.240.9024	1.8 mm thick, 30-micron thick protective film or gel coated upper panel, and 1.5 mm thick bottom panel without any film or gel, with polyethylene foam filling (of 30 kg/m ³ density and 50 mm thickness) in between, UV-resistant, grooved/trapezoidal panels	m ²	On the job	675,00
Fiberglass-reinforced polyester, opaque, colored, embossed, flat sheets				
1- Colored opaque sheets with top surface covered with 20-micron-thick embossed protective film or gel, and bottom surface flat and hygienic				
10.240.9031	For 1,2 mm thickness	m ²	On the job	165,00
10.240.9032	For 1,4 mm thickness	m ²	On the job	195,00
10.240.9033	For 1.5 mm thickness	m ²	On the job	210,00
10.240.9034	For 1.8 mm thickness	m ²	On the job	240,00
10.240.9035	For 2.0 mm thickness	m ²	On the job	275,00
10.240.9036	For 2.2 mm thickness	m ²	On the job	300,00
10.240.9037	For 2.5 mm thickness	m ²	On the job	340,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.240.9038	For 3.0 mm thickness	m ²	On the job	415,00
2- Colored opaque sheets with top surface covered with 20-micron-thick isophthalic-based gel, and bottom surface flat and hygienic				
10.240.9041	For 1,3 mm thickness	m ²	On the job	195,00
10.240.9042	For 1.5 mm thickness	m ²	On the job	225,00
10.240.9043	For 1.8 mm thickness	m ²	On the job	265,00
10.240.9044	For 2.0 mm thickness	m ²	On the job	295,00
10.240.9045	For 2.2 mm thickness	m ²	On the job	325,00
10.240.9046	For 2.5 mm thickness	m ²	On the job	345,00
10.240.9047	For 3.0 mm thickness	m ²	On the job	415,00
PVC CATEGORY 1, 3, 4 PLASTIC PROFILE PANELS (TS EN 1013+A1)				
E- Single-layer, transparent roofing sheets				
10.240.9051	Min. 1.00-mm wall thickness and UV resistant roofing cover plate with translucent, trapezoid top, flat bottom	m ²	On the job	150,00
F- Opaque, colored, single-layer roofing sheets				
10.240.9061	Min. 1.00-mm wall thickness and UV resistant roofing cover plate with non-translucent, trapezoid top, flat bottom	m ²	On the job	120,00
G- Two-layer, transparent roofing sheets				
10.240.9071	Min. 1.00-mm wall thickness, 40-mm panel height, air space and UV resistant roofing cover plate with translucent, trapezoid top, flat bottom	m ²	On the job	320,00
H- Opaque, colored, two-layer roofing sheets				
10.240.9081	Min. Roofing cover plate with trapezoidal top and flat bottom, non-translucent and UV-resistant, featuring 1.00 mm wall thickness, 40 mm panel height, and internal air gap	m ²	On the job	215,00
POLYCARBONATE SHEETS (Grooved - Single Cell) (TS EN ISO 11963)				
10.240.9091	4 mm thickness	m ²	On the job	95,00
10.240.9092	6 mm thickness	m ²	On the job	135,00
10.240.9093	8 mm thickness	m ²	On the job	160,00
10.240.9094	10 mm thickness	m ²	On the job	175,00
Grooved Panels, Installation Materials, etc.				
10.240.9101	Fiber-cement grooved panel (6-mm thick) (TS EN 494+A1)	m ²	On the job	95,00
10.240.9102	Grooved bitumen panels (Any color) (Category R >= 1400 N/m ²) (TS EN 534+A1) (Fire class: Broof)	m ²	On the job	130,00
10.240.9111	Galvanized nail 70/17, same color as the cladding panel, with plastic washer	Qty	On the job	0,50
10.240.9112	Galvanized hook with plastic head	Qty	On the job	2,50
10.240.9113	Special galvanized twist nail with plastic washer	Qty	On the job	2,50
10.240.9114	Galvanized nail with monobloc head	Qty	On the job	1,00
10.240.9115	Self-drilling screw with monobloc head	Qty	On the job	2,20
10.240.9116	Capped lag screw	Qty	On the job	2,20
10.240.9117	Capped hook screw	Qty	On the job	2,20
PAINT, PRIMER, PUTTY, LACQUER, POLISH, COATING, STRUCTURAL CHEMICALS AND ADDITIVES, ETC.				
PAINT				
10.250.1001	Water-based silicon semi-matte interior wall coating (Covering Class: 1, WSR Class: 1, Gloss: G2)	L	On the job	208,00
10.250.1002	Water-based silicon semi-matte interior wall coating (Covering Class: 2, WSR Class: 1, Gloss: G2)	L	On the job	192,00
10.250.1003	Water-based silicon silk matte interior wall coating (Covering Class: 2, WSR Class: 1, Gloss: G2)	L	On the job	160,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.250.1004	Water-based silicon silk matte interior wall coating (Covering Class: 2, WSR Class: 2, Gloss: G2)	L	On the job	136,00
10.250.1005	Water-based silicon soft matte interior wall coating (Covering Class: 2, WSR Class: 1, Gloss: G2)	L	On the job	152,00
10.250.1006	Water-based silicon soft matte interior wall coating (Covering Class: 2, WSR Class: 2, Gloss: G2)	L	On the job	128,00
10.250.1007	Water-based silicon matte interior wall coating (Covering Class: 2, WSR Class: 1, Gloss: G3)	L	On the job	144,00
10.250.1008	Water-based silicon matte interior wall coating (Covering Class: 2, WSR Class: 2, Gloss: G3)	L	On the job	120,00
10.250.1009	Water-based silicon full matte interior wall coating (Covering Class: 2, WSR Class: 1, Gloss: G4)	L	On the job	189,00
10.250.1010	Water-based plastic matte interior wall coating (Covering Class: 2, WSR Class: 2, Gloss: G3)	L	On the job	114,00
10.250.1011	Water-based plastic matte interior wall coating (Covering Class: 2, WSR Class: 3, Gloss: G3)	L	On the job	96,00
10.250.1012	Water-based plastic matte interior wall coating (Covering Class: 2, WSR Class: 4, Gloss: G3)	L	On the job	66,00
10.250.1013	Water-based silicon semi-matte antibacterial interior wall coating (Covering Class: 2, WSR Class: 1, Gloss: G2)	L	On the job	218,00
10.250.1014	Water-based silicon silk matte antibacterial interior wall coating (Covering Class: 2, WSR Class: 1, Gloss: G2)	L	On the job	181,00
10.250.1015	Water-based silicon soft matte antibacterial interior wall coating (Covering Class: 2, WSR Class: 1, Gloss: G2)	L	On the job	176,00
10.250.1016	Water-based silicon matte antibacterial interior wall coating (Covering Class: 2, WSR Class: 2, Gloss: G3)	L	On the job	141,00
10.250.1017	Water-based plastic antibacterial interior wall coating (Covering Class: 2, WSR Class: 2, Gloss: G3)	L	On the job	109,00
10.250.1018	(VOC quantity < 0.1g/L) Water-based silk matte interior wall coating (Covering Class: 2, WSR Class: 1, Gloss: G2) (VOC= Volatile Organic Component)	L	On the job	248,00
10.250.1019	(VOC quantity < 0.1g/L) Water-based full matte interior wall coating (Covering Class: 2, WSR Class: 1, Gloss: G4) (VOC= Volatile Organic Component)	L	On the job	232,00
10.250.1020	Water-based glossy interior wall coating (Covering Class: 2, WSR Class: 1, Gloss: G1)	L	On the job	280,00
10.250.1021	Water-based acrylic copolymer emulsion exterior wall paint (V1:W1:G3)	L	On the job	125,00
10.250.1022	class water-based acrylic copolymer emulsion exterior wall paint (V1:W2:G3)	L	On the job	133,00
10.250.1023	Water-based pure acrylic exterior wall paint (V1:W3:G2)	L	On the job	243,00
10.250.1024	Water-based pure acrylic exterior wall paint (V2:W3:G2)	L	On the job	234,00
10.250.1025	Water-based pure acrylic exterior wall paint (V2:W3:G3)	L	On the job	225,00
10.250.1026	Water-based pure acrylic exterior wall paint (V3:W3:G2)	L	On the job	217,00
10.250.1027	Water-based pure acrylic exterior wall paint (V3:W3:G3)	L	On the job	208,00
10.250.1028	Water-based, silicon exterior wall paint (V1:W3:G3)	L	On the job	201,00
10.250.1029	Water-based, silicon exterior wall paint (V2:W3:G3)	L	On the job	173,00
10.250.1030	Water-based, silicon exterior wall paint (V1:W2:G3)	L	On the job	144,00
10.250.1031	Silicone water-based exterior wall paint resistant to microorganism formation, (V1:W3:G3) class	L	On the job	225,00
10.250.1032	Water-based, silicon, grained/textured exterior wall panel	Kg	On the job	80,00
10.250.1033	Photocatalytic silicone water-based exterior wall paint resistant to microorganism formation (V1:W3:G3)	L	On the job	234,00
10.250.1034	Water-based photocatalytic silicon exterior wall paint (V1:W3:G3)	L	On the job	208,00
10.250.1035	Water-based photocatalytic silicon exterior wall paint (V2:W3:G3)	L	On the job	191,00
10.250.1036	Water-based photocatalytic pure acrylic exterior wall paint (V1:W3:G2)	L	On the job	243,00
10.250.1037	Water-based pure acrylic grained/textured flexible exterior wall paint (V2:W3:G2)	L	On the job	234,00
10.250.1038	Water-based pure acrylic grained/textured flexible exterior wall paint (V2:W3:G3)	L	On the job	225,00
10.250.1039	Water-based pure acrylic grained/textured flexible exterior wall paint (V3:W3:G2)	L	On the job	217,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.250.1040	Water-based pure acrylic grained/textured flexible exterior wall paint (V3:W3:G3)	L	On the job	208,00
10.250.1041	Water-based pure acrylic-based, fine-textured exterior wall paint (E2, S1,W3, V2, G2)	L	On the job	234,00
10.250.1042	Water-based pure acrylic-based, fine-textured exterior wall paint (E2, S1, W3, V3, G2)	L	On the job	217,00
10.250.1043	Water-based, acrylic, grained/textured exterior wall panel	Kg	On the job	80,00
10.250.1044	Synthetic-based glossy paint	L	On the job	200,00
10.250.1045	Synthetic-based semi-matte paint	L	On the job	175,00
10.250.1046	Synthetic-based silk matte paint	L	On the job	150,00
10.250.1047	Synthetic-based matte paint	L	On the job	135,00
10.250.1048	Alkyd resin-based metal plating final coat paint	L	On the job	300,00
10.250.1049	Water-based ceiling paint (Covering Class: 2, WSR Class: 4, Gloss: G3)	Kg	On the job	55,00
10.250.1050	Water-based ceiling paint (Covering Class: 2, WSR Class: 5, Gloss: G3)	Kg	On the job	45,00
10.250.1051	Water-based antibacterial ceiling paint (Covering Class: II, WSR Class: V, Gloss: G3)	Kg	On the job	50,00
10.250.1052	(VOC quantity < 0.1g/L) Water-based ceiling paint	Kg	On the job	250,00
10.250.1053	Water-based panel door paint	L	On the job	300,00
10.250.1054	Water-based exterior wall wood paint (except for doors and windows)	L	On the job	245,00
10.250.1055	Solvent-based epoxy paint (two-component)	L	On the job	165,00
10.250.1056	Urethane alkyd resin-based anticorrosive metal paint	L	On the job	315,00
10.250.1057	Water-based epoxy paint	Kg	On the job	80,00
10.250.1058	Mineral powder paint (Any color)	Kg	On the job	32,00
PRIMER				
10.300.1171	Water-based primer	L	On the job	65,00
10.300.1172	Water-based silicon-based exterior wall primer	L	On the job	95,00
10.300.1173	Water-based exposed concrete primer	Kg	On the job	50,00
10.300.1174	Water-based wood paint primer	L	On the job	270,00
10.300.1175	Iron - steel surface protective primer (anti-rust)	L	On the job	120,00
10.300.1176	Metal and PVC surface primer	L	On the job	415,00
10.300.1177	Water-based, acrylic antibacterial solution	L	On the job	45,00
10.300.1178	Water-based, acrylic antibacterial primer	L	On the job	110,00
10.300.1179	Stain-blocking thermoplastic resin-based interior wall primer	L	On the job	350,00
10.300.1180	Synthetic paint primer	L	On the job	120,00
10.300.1181	Synthetic-based protective primer for raw wood	L	On the job	135,00
10.300.1182	Synthetic-based colored protective agent for wood	L	On the job	150,00
10.300.1183	Thermoplastic resin-based primer	Kg	On the job	90,00
10.300.1184	Solvent-based epoxy primer (two-component)	L	On the job	170,00
10.300.1185	Acrylic copolymer resin and solvent-based exterior wall primer	L	On the job	205,00
10.300.1186	Decorative Primer	Kg	On the job	40,00
PUTTY				
10.300.1201	Water-based interior wall putty	Kg	On the job	40,00
10.300.1202	Acrylic-based putty	Kg	On the job	35,00
10.300.1203	Water-based wood putty	Kg	On the job	70,00
10.300.1204	Synthetic paint putty	Kg	On the job	60,00
PROTECTIVE EXTERIOR WALL COATING				
10.300.1261	Water-based, UV-resistant, transparent surface protection coating	L	On the job	180,00
10.300.1262	Siloxane-based, UV-resistant, transparent surface protection coating	L	On the job	190,00
Lacquer, Polish				
10.300.1311	Synthetic-based lacquer	L	On the job	165,00
10.300.1312	Synthetic-based, colored protective agent for wood	L	On the job	180,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.300.1313	Floor varnish	L	On the job	200,00
10.300.1314	Filling varnish	L	On the job	175,00
COATINGS				
10.300.1351	Acrylic-based, premixed, colored plaster	Kg	On the job	40,00
10.300.1352	Silicon-based, premixed, colored plaster	Kg	On the job	47,00
10.300.1353	Cement-based, premixed plaster (dry mixture)	Kg	On the job	11,00
10.300.1361	Exterior wall coating with acrylic binder and micro-globules	Kg	On the job	325,00
Road Marking Agents (TS EN 1871)				
10.300.1401	Water-based cold road traffic line paint	Kg	On the job	110,00
10.300.1402	Solvent-based cold road traffic line paint	Kg	On the job	75,00
10.300.1403	Thermoplastic-based warm road traffic line paint	Kg	On the job	55,00
10.300.1404	Traffic line paint thinner (free from chlorine and benzol)	Kg	On the job	36,19
10.300.1405	Turpentine (Naphtha)	Kg	On the job	43,87
ACRYLIC MODIFIED POLYURETHANE-BASED PAINT, ETC. MATERIALS				
1) Wall paint				
10.300.1501	Grained	Kg	On the job	100,00
10.300.1502	Nano-resin	Kg	On the job	340,00
10.300.1503	Wood paint	Kg	On the job	500,00
10.300.1504	Metal paint	Kg	On the job	835,00
10.300.1505	PVC, Aluminum paint	Kg	On the job	815,00
10.300.1506	Antibacterial paint	Kg	On the job	550,00
10.300.1507	Transparent protective	Kg	On the job	840,00
10.300.1508	Antibacterial priming	Kg	On the job	275,00
10.300.1509	Antibacterial transparent protective (Nano silver ion-based)	Kg	On the job	900,00
10.300.1510	Nano-resin-based, photoluminescent pigment paint (that can be luminated for minimum 8 hours during power outage) (emergency exit roads and markings, shelters, tunnels, warehouses, vestibules, foyers, military wards, etc.)	Kg	On the job	2.685,00
10.300.1511	Water-based acrylic polyurethane nano-resin-based, open-flame-resistant (fireproof for 90 minutes) paint	Kg	On the job	550,00
10.300.1512	Water-based paint remover gel	Kg	On the job	305,00
10.300.1513	Paint remover powder	Kg	On the job	75,00
10.300.1514	Water-based, nano-tech coating (any color), on any surface reflecting Solar IR rays (materials, aluminum, galvanized, plaster, concrete and similar other surfaces)	Kg	On the job	2.950,00
10.300.1515	Acrylic modified polyurethane primer	Kg	On the job	240,00
Auxiliary Materials for Paint, etc.				
10.300.1601	Soft soap (TS 54)	Kg	On the job	20,00
10.300.1602	Sandpaper (size A4)	Qty	On the job	6,50
10.300.1603	Cotton	Kg	On the job	17,00
STRUCTURAL CHEMICALS				
Mortar Admixtures (For Bedding, Screed, Plaster mortar, etc.)				
10.300.2001	Waterproofing admixture for regular setting (Fluid)	Kg	On the job	23,00
10.300.2002	Waterproofing admixture for quick setting (Fluid)	Kg	On the job	30,00
10.300.2003	Waterproofing admixture for very quick setting (Fluid)	Kg	On the job	33,50
10.300.2004	Plasticizing - Air Entraining mortar admixture (Fluid)	Kg	On the job	35,00
10.300.2005	Plasticizing - Setting Retarder mortar admixture (Fluid)	Kg	On the job	35,00
Concrete Protective Admixtures and Materials (TS EN 934-2+A1)				

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.300.2031	Water Reducer/Plasticizer (Fluid)	Kg	On the job	18,00
10.300.2032	Powerful Water Reducer/Super-plasticizer (Fluid)	Kg	On the job	27,50
10.300.2033	Medium Plasticizer - Setting Retarder (Fluid)	Kg	On the job	22,00
10.300.2034	Super Plasticizer - Setting Retarder (Fluid)	Kg	On the job	35,00
10.300.2035	Chemical Setting Retarder Admixture (Fluid)	Kg	On the job	30,00
10.300.2036	Chemical Hardening-accelerating Admixture (Fluid)	Kg	On the job	30,00
10.300.2037	Waterproofing Admixture (Fluid)	Kg	On the job	26,00
10.300.2038	Air-entraining Chemical Admixture (Fluid)	Kg	On the job	30,00
10.300.2039	Cold-weather Concreting Admixture (Fluid)	Kg	On the job	16,50
10.300.2040	Crystallized waterproofing admixture (Fluid)	Kg	On the job	185,00
10.300.2042	Hydrophilic waterproofing admixture (Powder) (Additive mixed into concrete with a consumption of 1% of the cement dosage)	Kg	On the job	185,00
Concrete Side Products				
10.300.2061	Corrosion-retarding Admixture (Fluid)	Kg	On the job	125,00
10.300.2062	Acrylic-based Curing Agent (Fluid)	Kg	On the job	45,00
10.300.2063	Paraffinic-based Curing Agent (Fluid)	Kg	On the job	40,00
Concrete Repair Agents, etc. (Cement-based)				
10.300.2071	Fine Repair Mortar (TS EN 1504-3)	Kg	On the job	8,00
10.300.2072	Coarse Repair Mortar (TS EN 1504-3)	Kg	On the job	7,80
10.300.2073	Cement-based Pouring Grout (TS EN 1504-3)	Kg	On the job	9,75
10.300.2074	Self-leveling floor bedding mortar (TS EN 13813, TS EN 1504-2)	Kg	On the job	12,00
Cement-based Surface Hardeners (TS EN 1504-2, TS EN 13813)				
10.300.2091	Surface hardeners with basalt aggregates (Gray)	Kg	On the job	3,50
10.300.2092	Surface hardeners with basalt aggregates (Red)	Kg	On the job	5,20
10.300.2093	Surface hardeners with basalt aggregates (Green)	Kg	On the job	7,80
10.300.2094	Surface hardeners with quartz aggregates (Gray)	Kg	On the job	4,00
10.300.2095	Surface hardeners with quartz aggregates (Red)	Kg	On the job	6,00
10.300.2096	Surface hardeners with quartz aggregates (Green)	Kg	On the job	9,00
10.300.2097	Surface hardeners with quartz-corundum aggregates (Gray)	Kg	On the job	5,50
10.300.2098	Surface hardeners with quartz-corundum aggregates (Red)	Kg	On the job	7,50
10.300.2099	Surface hardeners with quartz-corundum aggregates (Green)	Kg	On the job	9,50
10.300.2100	Surface hardeners with corundum aggregates (Gray)	Kg	On the job	6,80
10.300.2101	Surface hardeners with corundum aggregates (Red)	Kg	On the job	8,90
10.300.2102	Surface hardeners with corundum aggregates (Green)	Kg	On the job	12,50
Liquid Surface Hardeners - Primers (TS EN 1504-2)				
10.300.2121	Anti-dusting Coating and Curing Agent (Fresh/Hardened Concrete) (Fluid)	Kg	On the job	40,00
10.300.2122	Single-component Acrylic Copolymer-based Primer (Fluid)	Kg	On the job	40,00
Quick-setting Admixtures for Shotcrete (Dry System)				
10.300.2131	Powder shotcrete admixture with alkali content	Kg	On the job	20,00
10.300.2132	Alkali-free powder shotcrete admixture	Kg	On the job	17,00
Quick-setting Admixtures for Shotcrete (Wet System)				
10.300.2141	Fluid shotcrete admixture with alkali content	Kg	On the job	26,00
10.300.2142	Alkali-free, fluid shotcrete admixture	Kg	On the job	18,50
Resin-based Agents				
10.300.2151	Adhesive for adherence of epoxy-based old concrete to new concrete (two-component)	Kg	On the job	225,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.300.2152	Epoxy-based pre-flooring primer (two-component) (TS EN 1504-2)	Kg	On the job	315,00
10.300.2153	Epoxy-based (Self-leveling) flooring (two-component)	Kg	On the job	205,00
10.300.2154	Epoxy-based flooring with orange peel pattern (texture) (two-component) (TS EN 1504-2)	Kg	On the job	270,00
10.300.2155	Epoxy-based (two-component) adhesive and repair grout (TS EN 1504-3)	Kg	On the job	190,00
10.300.2156	Agents used for anchorage (epoxy resin-based, two-component cylinder) (250-ml cylinder)	Qty	On the job	440,00
10.300.2157	One-component, polyurethane-based, UV-resistant joint filling mastic (310-ml cartridge)	Qty	On the job	160,00
10.300.2158	Polyethylene cylinders (diameter: Ø6 mm)	m	On the job	1,50
10.300.2159	Two-component, polyurethane-based, solvent-free, elastic, self-leveling flooring material (TS EN 1504-2 and TS EN 13813)	Kg	On the job	255,00
10.300.2160	Self-adhesive copper strips (0.075 mm thickness - 15 mm width)	m	On the job	47,00
10.300.2161	Low-viscosity, black-pigment, conductive, two-component, epoxy-based primer (EN 13813)	Kg	On the job	950,00
10.300.2162	Anti-static, solvent-free, low-emission, two-component, self-leveling polyurethane flooring material (EN 13813)	Kg	On the job	285,00
10.300.2163	Water-based, solvent-free, low-emission, bacteriostatic, two-component, polyurethane-based, clear or pigmented final layer coating material with matte surface finish (TS EN 1504-2)	Kg	On the job	930,00
10.300.2164	Anti-static, two-component, polyurethane-based, matte, water-based and low-emission, ESD final layer coating material with matte surface finish (TS EN 13813)	Kg	On the job	1.500,00
10.300.2165	Polyurethane-based, UV-resistant, colored, elastic, two-component final layer coating material with matte appearance	Kg	On the job	780,00
10.300.2166	Polyurethane-based, one-component, UV-resistant, protective final layer coating material with solvent	Kg	On the job	1.000,00
Water Insulation Agents				
10.300.2171	Cement-based, quick-setting sealing grout (TS EN 1504-3)	Kg	On the job	55,00
10.300.2172	Cement-based crystallized water insulation agent (single-component) (TS EN 1504-2)	Kg	On the job	20,00
10.300.2173	Cement-based, elastic (two-component) water insulation grout (TS EN 1504-2)	Kg	On the job	30,00
10.300.2174	Elastomeric resin-based (single-component) water insulation agent (Liquid Membrane)	Kg	On the job	80,00
10.300.2175	Cement- and bitumen-based (two-component) water insulation agent	Kg	On the job	60,00
10.300.2176	Bitumen-rubber-based (single-component) water insulation agent	Kg	On the job	70,00
10.300.2177	Bitumen-rubber-based (two-component) water insulation agent	Kg	On the job	70,00
10.300.2178	Hybrid polyurea-based (two-component) water insulation agent (TS EN 1504-2)	Kg	On the job	230,00
10.300.2179	100%-pure polyurea-based (two-component) water insulation agent (TS EN 1504-2)	Kg	On the job	400,00
Mold Releases				
10.300.2191	Oil-based mold release (concentrated mold oil) (for Wood)	Kg	On the job	35,00
10.300.2192	Oil-based mold release (concentrated mold oil) (for plastic-steel)	Kg	On the job	45,00
Tile Adhesives				
10.300.2201	Cement-based, standard-performance tile adhesives with reduced slip (TS EN 12004-1 - C1T)	Kg	On the job	4,50
10.300.2202	Cement-based, standard-performance tile adhesives with reduced slip and prolonged exposed holding time (TS EN 12004-1 - C1TE)	Kg	On the job	7,50
10.300.2203	Cement-based, high-performance tile adhesives with reduced slip and prolonged exposed holding time (TS EN 12004-1 - C2TE)	Kg	On the job	11,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.300.2204	Cement-based, high-performance, flexible tile adhesives with reduced slip and prolonged exposed holding time ((TS EN 12004-1 - C2TE) (TS EN 12004-2 - S1))	Kg	On the job	20,00
10.300.2205	Cement-based, high-performance, very flexible tile adhesives with reduced slip and prolonged exposed holding time ((TS EN 12004-1 - C2TE) (TS EN 12004-2 - S2))	Kg	On the job	22,00
10.300.2206	Dispersion (Acrylic)-based, standard-performance tile adhesives with reduced slip TS EN 12004-1 - D1T)	Kg	On the job	42,00
10.300.2207	Dispersion (Acrylic)-based, high-performance tile adhesives with reduced slip and prolonged exposed holding time (TS EN 12004-1 - D2TE)	Kg	On the job	55,00
10.300.2208	Reaction resin-based (two or more components), high-performance tile adhesives with reduced slip (TS EN 12004-1 - R2T)	Kg	On the job	155,00
Joint Filling Agents (any color)				
10.300.2231	Cement-based, standard-performance joint filling (TS EN 13888 - CG1)	Kg	On the job	11,50
10.300.2232	Cement-based, high-performance, high abrasion-resistant joint filling with reduced water absorption (TS EN 13888 - CG2AW)	Kg	On the job	15,00
10.300.2233	Reaction resin-based (two or more components) joint filling (TS EN 13888 - RG)	Kg	On the job	165,00
STEEL WIRES AND MICRO/MACRO REINFORCEMENT FIBERS USED FOR CONCRETE REINFORCEMENT				
Steel Wires (TS EN 14889-1)				
10.300.4001	Longitudinally deformed, glued wires (notched, longitudinally curved, waved)	Kg	On the job	65,00
10.300.4002	Longitudinally deformed, non-glued wires (notched, longitudinally curved, waved)	Kg	On the job	60,00
Glued Wires with Hooks in Both Ends (TS EN 14889-1)				
10.300.4011	0.55 mm in diameter and 30/35 mm long	Kg	On the job	90,00
10.300.4012	0.75 mm in diameter and 30/35 mm long	Kg	On the job	85,00
10.300.4013	0.75 mm in diameter and 60 mm long	Kg	On the job	80,00
10.300.4014	0.90 mm in diameter and 60 mm long	Kg	On the job	75,00
Non-glued Wires with Hooks in Both Ends (TS EN 14889-1)				
10.300.4021	0.55 mm in diameter and 30/35 mm long	Kg	On the job	80,00
10.300.4022	0.75 mm in diameter and 30/35 mm long	Kg	On the job	70,00
10.300.4023	0.75 mm in diameter and 60 mm long	Kg	On the job	65,00
10.300.4024	0.90 mm in diameter and 60 mm long	Kg	On the job	60,00
Macro/micro reinforcement fibers (TS EN 14889-2)				
10.300.4101	Price of synthetic macro-fiber reinforcement in 1 m ³ of shotcrete with synthetic macro-fiber reinforcement, which shall have an energy storage capacity of (500 joules ≤ energy storage capacity < 700 joule) as indicated by the tests conducted by a laboratory accredited per TS EN 14488-5.	m ³	On the job	560,00
10.300.4102	Price of synthetic macro-fiber reinforcement in 1 m ³ of shotcrete with synthetic macro-fiber reinforcement, which shall have an energy storage capacity of (700 joules ≤ energy storage capacity < 1000 joules) as indicated by the tests conducted by a laboratory accredited per TS EN 14488-5.	m ³	On the job	815,00
10.300.4103	Price of synthetic macro-fiber reinforcement in 1 m ³ of shotcrete with synthetic macro-fiber reinforcement, which shall have an energy storage capacity of (1000 joules ≤ energy storage capacity) as indicated by the tests conducted by a laboratory accredited per TS EN 14488-5.	m ³	On the job	1.060,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.300.4121	Unit price for synthetic macrofiber reinforcement per m ³ of field concrete, with minimum flexural strength values of 1.5 N/mm ² at CMOD = 0.5 mm and 1.0 N/mm ² at CMOD = 3.5 mm, as verified by accredited laboratory tests in accordance with TS EN 14651+A1.	m ³	On the job	760,00
10.300.4151	Polypropylene/Polyamide micro-fiber reinforcement fibers	Kg	On the job	100,00
INSULATION MATERIALS				
FIBER THERMAL AND ACOUSTIC INSULATION MATERIALS				
GLASS WOOL OF INORGANIC ORIGIN				
GLASS WOOL THERMAL INSULATION MATTE (TS EN 13162+A1)				
	Glass wool thermal insulation matte manufactured in accordance with TS EN 13162 +A1 standard, with a miter tolerance of less than ± 5 mm/m, a length tolerance of $\pm 2\%$, a width tolerance of $\pm 1.5\%$, a flatness tolerance of 6 mm and below, a thickness class of T1, CE marked, and with thermal conductivity and thickness suitable for the thermal insulation project made in accordance with TS 825. Note: Market Prices of other values will be interpolated.			
Unfaced glass wool roof blanket				
for thermal insulation in roof decks				
10.310.1001	With $0,035 \leq$ thermal conductivity value < 0.040 W/(m.K)	m ³	On the job	1.100,00
10.310.1002	$0,040 \leq$ Thermal conductivity ≤ 0.045 W/(m.K)	m ³	On the job	700,00
Glass wool roof blankets, one surface covered with glass tissue				
With $0,035 \leq$ thermal conductivity value < 0.040 W/(m.K)				
10.310.1011	8-cm thick	m ²	On the job	115,00
10.310.1012	16 cm thick	m ²	On the job	215,00
$0,040 \leq$ Thermal conductivity ≤ 0.045 W/(m.K)				
10.310.1021	8-cm thick	m ²	On the job	77,50
10.310.1022	16 cm thick	m ²	On the job	145,00
Glass Wool Roof Blanket With One Side Aluminum Foil Facing,				
for Thermal Insulation Between Rafters				
With $0,035 \leq$ thermal conductivity value < 0.040 W/(m.K)				
10.310.1031	8-cm thick	m ²	On the job	155,00
10.310.1032	16 cm thick	m ²	On the job	250,00
$0,040 \leq$ Thermal conductivity ≤ 0.045 W/(m.K)				
10.310.1041	8-cm thick	m ²	On the job	115,00
10.310.1042	16 cm thick	m ²	On the job	185,00
GLASS WOOL THERMAL INSULATION BOARDS (TS EN 13162 + A1)				
	Glass wool thermal insulation boards manufactured in accordance with TS EN 13162 standard, with thermal conductivity below 0.040 W/(m.K), with a miter tolerance of less than ± 5 mm/m, a length tolerance of $\pm 2\%$, a width tolerance of $\pm 1.5\%$, a flatness tolerance of 6 mm and below, a thickness class of T1, CE marked, and with thermal conductivity and thickness suitable for the thermal insulation project made in accordance with TS 825. Note: Market Prices of other values will be interpolated.			
Boards with One Side Covered with Glass Fiber				
for Thermal Insulation in Curtain Walls				
	Water repellent properties (with silicone or other additives) with a water absorption value of 1.0 kg/m ² and below (WP) in short-term partial immersion			
10.310.1051	5-cm thick	m ²	On the job	130,00
10.310.1052	10-cm thick	m ²	On the job	215,00
10.310.1053	15-cm thick	m ²	On the job	305,00
For Thermal Insulation in Suspended Ceilings				

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
	For Composite Glass Wool Suspended Ceiling Thermal Insulation Boards; Factory-made composite insulation board with one side coated with PVC, fiberglass, etc., and a thermal conductivity of 0.035 W/(m.K) and below			
PVC-Coated Composite Boards				
10.310.1061	2 cm thick	m ²	On the job	200,00
10.310.1062	2.5 cm thick	m ²	On the job	230,00
10.310.1063	3-cm thick	m ²	On the job	265,00
10.310.1064	5-cm thick	m ²	On the job	405,00
White Fiberglass Covered Composite Boards				
10.310.1071	2 cm thick	m ²	On the job	495,00
10.310.1072	2.5 cm thick	m ²	On the job	530,00
10.310.1073	3-cm thick	m ²	On the job	565,00
10.310.1074	5-cm thick	m ²	On the job	720,00
Glasswool Thermal and Acoustic Insulation Mattresses and Boards (TS EN 13162) For thermal and acoustic insulation in raised floors, suspended ceilings, etc. that are not used under load				
	Glass wool mattresses and boards produced for thermal and acoustic insulation, manufactured in accordance with TS EN 13162 standard, with a thermal conductivity below 0.040 W/(m.K), a miter tolerance of less than ± 5 mm/m, a length tolerance of $\pm 2\%$, a width tolerance of ± 1.5 mm, a flatness tolerance of 6 mm and below, a fire reaction class of at least A2, s1-d0, with the CE mark and with thermal conductivity and thickness in accordance with the acoustic project or report and, if necessary, with a heat insulation project according to TS 825.			
Glass wool blankets used in other details such as raised floors, suspended ceilings, etc				
10.310.1081	Sound absorption coefficient of (average) ≥ 0.80 ,	m ³	On the job	1.600,00
10.310.1082	Sound absorption coefficient of (average) ≥ 0.90 ,	m ³	On the job	1.685,00
10.310.1083	Sound absorption coefficient of (average) $\geq 1,00$,	m ³	On the job	1.750,00
Rock Wool Boards Used in Other Details Such as Partition Walls, Raised Floors, Suspended Ceilings, etc.				
10.310.1091	Sound absorption coefficient of (average) ≥ 0.80 ,	m ³	On the job	4.150,00
10.310.1092	Sound absorption coefficient of (average) $\geq 0,90$,	m ³	On the job	4.350,00
10.310.1093	Sound absorption coefficient of (average) $\geq 1,00$,	m ³	On the job	4.550,00
ROCK WOOL THERMAL INSULATION BOARDS (TS EN 13162 + A1)				
	Specially produced rock wool thermal insulation materials with thermal conductivity and thickness suitable for the thermal insulation project made according to TS 825.			
For Exterior Thermal Insulation				
	Rock wool boards specially produced for plastered applications, manufactured according to TS EN 13162+A1 standard, with a thermal conductivity below 0.040 W/(m.K), dimensional stability class DS(70,-), thickness class T5, compressive strength at least 10kPa, square deviation tolerance less than ± 5 mm/m, length tolerance $\pm 2\%$, width tolerance $\pm 1.5\%$, water absorption value at long-term partial immersion of 3.0 kg/m ² and below (WL(P)), flatness tolerance of 6mm and below, reaction to fire class at least A2.s1-d0, CE marked, with thermal conductivity and thickness appropriate to the thermal insulation project made according to TS 825. Note 1: Rock wool thermal insulation boards must individually comply with TS EN 13162 and meet the above specifications. The certificate of conformity to TS EN 13500 or ETAG 004 for external thermal insulation systems proves that the rock wool boards meet the conditions defined above. Note 2: Thermal insulation materials used in exterior thermal insulation systems shall have a thermal resistance of at least 1.00 m ² K/W. Note 3: Market Prices of other values will be interpolated.			
10.310.1101	Tensile strength perpendicular to the surface at min. 7.5 kPa (TR7.5)	m ³	On the job	2.650,00
10.310.1102	Tensile strength perpendicular to the surface at min. 10 kPa (TR10)	m ³	On the job	3.200,00
10.310.1103	Tensile strength perpendicular to the surface at min. 15 kPa (TR15)	m ³	On the job	4.000,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
For Curtain Wall and Internal Thermal Insulation				
	Rock wool boards that are produced according to TS EN 13162+A1 standard, in compliance with system standards, with a thermal conductivity below 0.040 W/(m.K), dimensional stability class DS(70,-), miter tolerance less than ± 5 mm/m, length tolerance $\pm 2\%$, width tolerance $\pm 1.5\%$, water absorption value in short-term partial immersion is 1.0 kg/m ² and below (WS(P)), flatness tolerance is 6mm and below, reaction to fire class is at least A2,s1-d0, with the CE marking, and thermal conductivity and thickness appropriate for thermal insulation projects made according to TS 825. Note: Market Prices of other values will be interpolated.			
Curtain Wall Applications;				
Uncoated Products				
10.310.1111	Tensile strength perpendicular to the surface at min. 1.0 kPa (TR1)	m ³	On the job	1.750,00
10.310.1112	Tensile strength perpendicular to the surface at min. 2.5 kPa (TR2.5)	m ³	On the job	2.350,00
Curtain Wall Boards with Glass Fabric Covering on One Side				
10.310.1121	At least 1.0 kPa (TR1) tensile strength perpendicular to the surface with a 5 cm thick rock wool board	m ²	On the job	125,00
10.310.1122	At least 1.0 kPa (TR1) tensile strength perpendicular to the surface with a 10 cm thick rock wool board	m ²	On the job	225,00
10.310.1123	At least 1.0 kPa (TR1) tensile strength perpendicular to the surface with a 15 cm thick rock wool board	m ²	On the job	320,00
10.310.1124	At least 2.5 kPa (TR2.5) tensile strength perpendicular to the surface with a 5 cm thick rock wool board	m ²	On the job	155,00
10.310.1125	At least 2.5 kPa (TR2.5) tensile strength perpendicular to the surface with a 10 cm thick rock wool board	m ²	On the job	285,00
10.310.1126	At least 2.5 kPa (TR2.5) tensile strength perpendicular to the surface with a 15 cm thick rock wool board	m ²	On the job	400,00
Internal Thermal Insulation Applications (Composite Rock Wool Thermal Insulation Boards with Single Surface Plaster);				
10.310.1131	With 3-cm-thick rock wool board	m ²	On the job	405,00
10.310.1132	with 5-cm-thick rock wool board	m ²	On the job	495,00
10.310.1133	with 8-cm-thick rock wool board	m ²	On the job	625,00
For Other Thermal Insulation Applications				
	Rock wool boards that are produced according to TS EN 13162+A1 standard, with a thermal conductivity below 0.040 W/(m.K), miter tolerance less than ± 5 mm/m, length tolerance $\pm 2\%$, width tolerance $\pm 1.5\%$, water absorption value in short-term partial immersion is 1.0 kg/m ² and below (WP), flatness tolerance is 6mm and below, with the CE marking, and thermal conductivity and thickness appropriate for thermal insulation projects made according to TS 825. Note: Market Prices of other values will be interpolated. Note: Coating types shall be added based on relevant market values.			
For Thermal Insulation on Terrace Roofs				
	Under certain temperature and relative humidity conditions, rock wool boards with a dimensional stability of class DS (70,90), thickness tolerance class of T4, and tensile strength perpendicular to the surface of at least 7.5 kPa (TR7,5).			
Compressive strength of at least 60 kPa				
10.310.1141	6-cm-thick rock wool board	m ²	On the job	235,00
10.310.1142	8-cm-thick rock wool board	m ²	On the job	305,00
10.310.1143	10-cm-thick rock wool board	m ²	On the job	380,00
Compressive strength of at least 70 kPa				
10.310.1151	6-cm-thick rock wool board	m ²	On the job	265,00
10.310.1152	8-cm-thick rock wool board	m ²	On the job	315,00
10.310.1153	10-cm-thick rock wool board	m ²	On the job	400,00
Compressive strength of at least 80 kPa				

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.310.1161	6-cm-thick rock wool board	m ²	On the job	320,00
10.310.1162	8-cm-thick rock wool board	m ²	On the job	365,00
10.310.1163	10-cm-thick rock wool board	m ²	On the job	460,00
Compressive strength of at least 90 kPa				
10.310.1171	8-cm-thick rock wool board	m ²	On the job	380,00
10.310.1172	10-cm-thick rock wool board	m ²	On the job	475,00
Compressive strength of at least 100 kPa				
10.310.1181	8-cm-thick rock wool board	m ²	On the job	420,00
10.310.1182	10-cm-thick rock wool board	m ²	On the job	530,00
For Thermal Insulation on Sloping Roofs (such as between rafters, standing seam roofs)				
Under certain temperature conditions, rock wool boards with a dimensional stability of class DS (70,-), thickness tolerance class of T2.				
10.310.1191	With $0.030 \leq$ thermal conductivity value $< 0.035\text{W}/(\text{m.K})$	m ³	On the job	1.750,00
10.310.1192	$0.035 \leq$ Thermal conductivity $\leq 0.040\text{W}/(\text{m.K})$	m ³	On the job	1.550,00
For Thermal Insulation in Floors				
For Floating Floor Details Subject to Load				
Compressive strength of at least 10 kPa				
10.310.1201	2,5-cm-thick rock wool board	m ²	On the job	100,00
10.310.1202	3-cm-thick rock wool board	m ²	On the job	105,00
Compressive strength of at least 15 kPa				
10.310.1211	2,5-cm-thick rock wool board	m ²	On the job	108,00
10.310.1212	3-cm-thick rock wool board	m ²	On the job	115,00
Compressive strength of at least 20 kPa				
10.310.1221	2,5-cm-thick rock wool board	m ²	On the job	115,00
10.310.1222	3-cm-thick rock wool board	m ²	On the job	120,00
Compressive strength of at least 25 kPa				
10.310.1231	2,5-cm-thick rock wool board	m ²	On the job	125,00
10.310.1232	3-cm-thick rock wool board	m ²	On the job	130,00
For Details such as Raised Floors that are Not Subject to Load, etc.				
10.310.1241	With $0.030 \leq$ thermal conductivity value $< 0.035\text{W}/(\text{m.K})$	m ³	On the job	1.750,00
10.310.1242	$0.035 \leq$ Thermal conductivity $\leq 0.040\text{W}/(\text{m.K})$	m ³	On the job	1.450,00
Rock Wool Thermal and Acoustic Insulation Boards (TS EN 13162+A1)				
For Thermal and Acoustic Insulation in Details Not Used Under Load				
	Rock wool boards produced for thermal and acoustic insulation, manufactured in accordance with TS EN 13162+A1 standard, with a thermal conductivity below $0.040\text{ W}/(\text{m.K})$, a miter tolerance of less than $\pm 5\text{ mm/m}$, a length tolerance of $\pm 2\%$, a width tolerance of $\pm 1.5\text{ mm}$, a flatness tolerance of 6 mm and below, a fire reaction class of at least A2, s1-d0, with the CE mark and with thermal conductivity and thickness in accordance with the acoustic project or report and, if necessary, with a heat insulation project according to TS 825.			
Rock Wool Boards Used in Other Details Such as Partition Walls, Raised Floors, Suspended Ceilings, etc.				
10.310.1251	Sound absorption coefficient of (average) ≥ 0.80 ,	m ³	On the job	1.350,00
10.310.1252	Sound absorption coefficient of (average) ≥ 0.90 ,	m ³	On the job	1.870,00
10.310.1253	Sound absorption coefficient of (average) ≥ 1.00 ,	m ³	On the job	2.385,00
EXPANDED POLYSTYRENE (EPS) FOAM BOARDS (TS EN 13163+A2)				
	Specially produced Expanded Polystyrene Foam (EPS) thermal insulation materials with thermal conductivity and thickness suitable for the thermal insulation project made according to TS 825.			
For Exterior Thermal Insulation Applications				

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
	Expanded polystyrene foam boards, produced according to TS EN 13163+A2 standard, with a thermal conductivity below 0.040 W/(m.K), dimensional stability under normal laboratory conditions of $\pm 0.2\%$ (DS(N)2), thickness tolerance of ± 1 mm (T1), deviation from square tolerance of ± 2 mm/m (S2), length tolerance of ± 2 mm (L2), width tolerance of ± 2 mm (W2), water absorption value under long-term partial immersion of 0.5kg/m ² and below (WL(P)0.5), flatness tolerance of 5mm and below (P5), reaction to fire class E, with CE marking, and with thermal conductivity and thickness appropriate for thermal insulation projects made according to TS 825. Note 1: EPS thermal insulation boards must individually comply with TS EN 13163+A2 and meet the above specifications. The certificate of conformity to TS EN 13499 or ETAG 004 for external thermal insulation systems proves that the EPS boards meet the conditions defined above. Note 2: Thermal insulation materials used in exterior thermal insulation systems shall have a thermal resistance of at least 1.00 m ² K/W. Note 3: Market Prices of other values will be interpolated.			
Expanded Polystyrene Foam (EPS) Boards				
10.310.1301	Tensile strength perpendicular to the surface at min. 100 kPa (TR100)	m ³	On the job	1.325,00
10.310.1302	Tensile strength perpendicular to the surface at min. 200 kPa (TR200)	m ³	On the job	1.990,00
10.310.1303	Tensile strength perpendicular to the surface at min. 300 kPa (TR300)	m ³	On the job	2.670,00
Graphite/Carbon Based Expanded Polystyrene Foam (EPS) Boards				
10.310.1311	Tensile strength perpendicular to the surface at min. 100 kPa (TR100)	m ³	On the job	1.570,00
10.310.1312	Tensile strength perpendicular to the surface at min. 200 kPa (TR200)	m ³	On the job	2.370,00
10.310.1313	Tensile strength perpendicular to the surface at min. 300 kPa (TR300)	m ³	On the job	3.150,00
For Other Applications				
	Expanded polystyrene foam boards conforming to TS EN 13163+A2 standard, with a thermal conductivity below 0.040 W/(m.K), a thickness tolerance of ± 2 mm, a miter tolerance of ± 5 mm/m (S5), a length tolerance of ± 3 mm (L3), a width tolerance of ± 3 mm (W3), a flatness tolerance of 5 mm and below, with the CE marking, thermal conductivity and thickness appropriate to the thermal insulation project made according to TS 825, and a fire reaction class of at least E. Note: Market Prices of other values will be interpolated.			
For Internal Thermal Insulation on Walls				
	(DS(N)5) class EPS boards with a dimensional stability of $\pm 0.5\%$ under normal laboratory conditions and a dimensional stability of $\pm 3\%$ under the influence of temperature (DS(70,-)3).			
Plastered and Profiled Applications				
Expanded Polystyrene Foam (EPS) Boards				
10.310.1321	Compressive strength of at least 90 kPa	m ³	On the job	1.350,00
10.310.1322	Compressive strength of at least 150 kPa	m ³	On the job	1.800,00
10.310.1323	Compressive strength of at least 200 kPa	m ³	On the job	2.250,00
Graphite/Carbon Based Expanded Polystyrene Foam (EPS) Boards				
10.310.1331	Compressive strength of at least 90 kPa,	m ³	On the job	1.700,00
10.310.1332	Compressive strength of at least 150 kPa	m ³	On the job	2.335,00
10.310.1333	Compressive strength of at least 200 kPa	m ³	On the job	2.900,00
For Thermal Insulation on Pitched Roofs				
	(DS(N)5) class EPS boards with a dimensional stability of $\pm 0.5\%$ under normal laboratory conditions and a dimensional stability of $\pm 3\%$ under the influence of temperature (DS(70,-)3).			
For Applications Between and Below Rafters				
Expanded Polystyrene Foam (EPS) Boards				
10.310.1341	Compressive strength of at least 60 kPa	m ³	On the job	1.215,00
10.310.1342	Compressive strength of at least 90 kPa	m ³	On the job	1.380,00
Graphite/Carbon Based Expanded Polystyrene Foam (EPS) Boards				
10.310.1351	Compressive strength of at least 60 kPa,	m ³	On the job	1.525,00
10.310.1352	Compressive strength of at least 90 kPa,	m ³	On the job	1.750,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
For Above-Rafter Applications				
	[DLT(1)5] class EPS boards with a maximum dimensional stability of 5% under the influence of temperature			
Expanded Polystyrene Foam (EPS) Boards				
10.310.1361	Compressive strength of at least 100 kPa	m ³	On the job	1.500,00
10.310.1362	Compressive strength of at least 150 kPa,	m ³	On the job	1.800,00
10.310.1363	Compressive strength of at least 200 kPa	m ³	On the job	2.250,00
Graphite/Carbon Based Expanded Polystyrene Foam (EPS) Boards				
10.310.1371	Compressive strength of at least 100 kPa	m ³	On the job	1.930,00
10.310.1372	Compressive strength of at least 150 kPa	m ³	On the job	2.350,00
10.310.1373	Compressive strength of at least 200 kPa	m ³	On the job	2.900,00
For Thermal Insulation in Floors				
	EPS boards with a dimensional stability of $\pm 0.5\%$ [DS(N)5 class] under normal laboratory conditions			
For Details Not Subject to Load				
Expanded Polystyrene Foam (EPS) Boards				
10.310.1381	Compressive strength at least 60 kPa (for roofing)	m ³	On the job	1.215,00
10.310.1382	Compressive strength of at least 90 kPa,	m ³	On the job	1.380,00
10.310.1383	Compressive strength of at least 100 kPa	m ³	On the job	1.500,00
Graphite/Carbon Based Expanded Polystyrene Foam (EPS) Boards				
10.310.1391	Compressive strength at least 60 kPa (for roofing)	m ³	On the job	1.525,00
10.310.1392	Compressive strength of at least 90 kPa	m ³	On the job	1.750,00
10.310.1393	Compressive strength of at least 100 kPa	m ³	On the job	1.930,00
For Details Subject to Load				
Expanded Polystyrene Foam (EPS) Boards				
10.310.1401	Compressive strength of at least 150 kPa	m ³	On the job	1.800,00
10.310.1402	Compressive strength of at least 200 kPa	m ³	On the job	2.250,00
Graphite/Carbon Based Expanded Polystyrene Foam (EPS) Boards				
10.310.1411	Compressive strength of at least 150 kPa	m ³	On the job	2.350,00
10.310.1412	Compressive strength of at least 200 kPa	m ³	On the job	2.900,00
Terrace Roofs				
For Traditional Terrace Roof Details				
Expanded Polystyrene Foam (EPS) Boards				
10.310.1421	Compressive strength of at least 100 kPa (on non-walkable terrace roofs)	m ³	On the job	1.500,00
10.310.1422	Compressive strength of at least 150 kPa	m ³	On the job	1.800,00
10.310.1423	Compressive strength of at least 200 kPa	m ³	On the job	2.250,00
Graphite/Carbon Based Expanded Polystyrene Foam (EPS) Boards				
10.310.1431	Compressive strength of at least 100 kPa (on non-walkable terrace roofs)	m ³	On the job	1.930,00
10.310.1432	Compressive strength of at least 150 kPa	m ³	On the job	2.350,00
10.310.1433	Compressive strength of at least 200 kPa	m ³	On the job	2.900,00
For Inverted Terrace Roof Details				
	EPS boards with long-term water absorption class of WL(T) 0.5 with full immersion (only for terrace roofs open to pedestrian traffic)			
Expanded Polystyrene Foam (EPS) Boards				
10.310.1441	Compressive strength of at least 200 kPa	m ³	On the job	2.250,00
10.310.1442	Compressive strength of at least 250 kPa	m ³	On the job	2.700,00
Graphite/Carbon Based Expanded Polystyrene Foam (EPS) Boards				
10.310.1451	Compressive strength of at least 200 kPa,	m ³	On the job	2.900,00
10.310.1452	Compressive strength of at least 250 kPa,	m ³	On the job	3.500,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
Walls with Soil Contact				
	EPS boards with water absorption by diffusion of class WD(V)5, compressive strength at least 250 kPa, and a freeze-thaw resistance with a maximum reduction in compressive stress of 10% after 300 cycles (only for underground external walls up to a depth of 6 m)			
10.310.1461	Boards with compressive strength of at least 250 kPa (EPS)	m ³	On the job	2.250,00
10.310.1462	Graphite/carbon based Expanded Polystyrene Foam (EPS) boards with compressive strength of at least 250 kPa	m ³	On the job	2.900,00
EXTRUDED POLYSTYRENE FOAM (XPS) BOARDS (TS EN 13164+A1)				
For Exterior Thermal Insulation				
	Extruded polystyrene foam boards manufactured according to TS EN 13164+A1 standard, in compliance with system standards, with a thermal conductivity below 0.040 W/(m.K), a dimensional stability under a certain temperature and humidity effect of up to 5% (DS(70,90) class), a thickness tolerance of at least ± 1.0 mm (T3 class), a long-term water absorption class with full immersion of WL(T)1.5, a fire reaction class of E, with CE marking, and with thermal conductivity and thickness appropriate to the thermal insulation project made according to TS 825, with a rough or rough and channeled surface. Note 1: XPS thermal insulation boards must individually comply with TS EN 13164+A1 and meet the above specifications. The certificate of conformity to ETAG 004 for external thermal insulation systems proves that the XPS boards meet the conditions defined above. Note 2: Thermal insulation materials used in exterior thermal insulation systems shall have a thermal resistance of at least 1.00 m ² K/W. Note 3: Market Prices of other values will be interpolated.			
10.310.1501	Tensile strength perpendicular to the surface at min. 200 kPa	m ³	On the job	3.200,00
10.310.1502	Tensile strength perpendicular to the surface at min. 400 kPa	m ³	On the job	4.600,00
For Other Applications				
	Extruded polystyrene foam boards manufactured according to TS EN 13164+A1 standard, with a thermal conductivity below 0.040 W/(m.K), with a fire reaction class of E, with the CE mark, and with thermal conductivity and thickness appropriate to the thermal insulation project made according to TS 825. Note: Market Prices of other values will be interpolated.			
For Internal Thermal Insulation of Walls				
Plastered and Profiled Applications				
	XPS boards with a rough/rough & grooved surface of T2 class, with a dimensional stability of max. 5% (DS(70,90) class) under the effect of certain temperature and humidity, a thickness tolerance of at least ± 1.5 mm			
10.310.1511	Tensile strength perpendicular to the surface of at least 100 kPa (for profiled applications only)	m ³	On the job	2.800,00
10.310.1512	Tensile strength perpendicular to the surface at min. 200 kPa	m ³	On the job	3.800,00
Applications made with Composite XPS Thermal Insulation Boards				
	Factory-made composite insulation board in accordance with TS EN 13950, with adhesion/cohesion of XPS thermal insulation material higher than 17 kPa, coated with aluminum foil on one side and 12.5 mm thick gypsum board.			
10.310.1521	With 3-cm-thick XPS board	m ²	On the job	95,00
10.310.1522	With 5-cm-thick XPS board	m ²	On the job	155,00
10.310.1523	With 10-cm-thick XPS board	m ²	On the job	390,00
For Thermal Insulation in Floors				
10.310.1531	Compressive strength of at least 100 kPa (for details not exposed to load)	m ³	On the job	2.750,00
10.310.1532	Compressive strength of at least 200 kPa	m ³	On the job	3.150,00
10.310.1533	Compressive strength of at least 300 kPa	m ³	On the job	3.400,00
10.310.1534	Compressive strength of at least 500 kPa	m ³	On the job	6.650,00
Terrace Roofs				

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
Traditional Terrace Roofs				
	XPS boards with dimensional stability class of DLT(2)5 under pressure load and temperature conditions			
XPS sheets with a thermal conductivity coefficient of $0.030 \leq 0.035$ W/(m.K)				
10.310.1541	Compressive strength of at least 300 kPa	m ³	On the job	3.485,00
10.310.1542	Compressive strength of at least 500 kPa	m ³	On the job	7.150,00
XPS sheets with a thermal conductivity coefficient of $0.035 \leq 0.040$ W/(m.K)				
10.310.1551	Compressive strength of at least 300 kPa	m ³	On the job	3.375,00
10.310.1552	Compressive strength of at least 500 kPa	m ³	On the job	6.685,00
Inverted Terrace Roofs				
	XPS boards with dimensional stability class pf DLT(2)5 under pressure load and temperature conditions and long-term water absorption of less than 0.7% under full immersion [class WL(T)0,7]			
XPS sheets with a thermal conductivity coefficient of $0.030 \leq 0.035$ W/(m.K)				
10.310.1561	Compressive strength of at least 200 kPa (on non-walkable inverted terrace roofs)	m ³	On the job	3.375,00
10.310.1562	Compressive strength of at least 300 kPa (on walkable inverted terrace roofs)	m ³	On the job	3.675,00
10.310.1563	Compressive strength of at least 500 kPa (on parking lot roofs)	m ³	On the job	7.050,00
XPS sheets with a thermal conductivity coefficient of $0.035 \leq 0.040$ W/(m.K)				
10.310.1571	Compressive strength of at least 200 kPa (on non-walkable inverted terrace roofs)	m ³	On the job	3.350,00
10.310.1572	Compressive strength of at least 300 kPa (on walkable inverted terrace roofs)	m ³	On the job	3.650,00
10.310.1573	Compressive strength of at least 500 kPa (on parking lot roofs)	m ³	On the job	7.100,00
XPS sheets with a thermal conductivity coefficient of $0.040 \leq 0.045$ W/(m.K)				
10.310.1581	Compressive strength of at least 200 kPa (on non-walkable inverted terrace roofs)	m ³	On the job	3.100,00
10.310.1582	Compressive strength of at least 300 kPa (on walkable inverted terrace roofs)	m ³	On the job	3.375,00
10.310.1583	Compressive strength of at least 500 kPa (on parking lot roofs)	m ³	On the job	6.550,00
Walls with Soil Contact				
	XPS boards with water absorption by diffusion of class WD(V)3 and freeze-thaw resistance class of FTCD2			
XPS sheets with a thermal conductivity coefficient of $0.030 \leq 0.035$ W/(m.K)				
10.310.1591	Compressive strength of at least 300 kPa	m ³	On the job	3.580,00
10.310.1592	Compressive strength of at least 400 kPa	m ³	On the job	4.950,00
10.310.1593	Compressive strength of at least 500 kPa	m ³	On the job	7.050,00
XPS sheets with a thermal conductivity coefficient of $0.035 \leq 0.040$ W/(m.K)				
10.310.1601	Compressive strength of at least 300 kPa	m ³	On the job	3.450,00
10.310.1602	Compressive strength of at least 400 kPa	m ³	On the job	4.650,00
10.310.1603	Compressive strength of at least 500 kPa	m ³	On the job	6.750,00
XPS sheets with a thermal conductivity coefficient of $0.040 \leq 0.045$ W/(m.K)				
10.310.1611	Compressive strength of at least 300 kPa	m ³	On the job	3.300,00
10.310.1612	Compressive strength of at least 400 kPa	m ³	On the job	4.450,00
10.310.1613	Compressive strength of at least 500 kPa	m ³	On the job	6.575,00
For Thermal Insulation on Sloping Roofs (under, between and above rafters (with or without roof boards))				
	XPS boards with a dimensional stability of up to 5% (DS(70,90)) under the influence of certain temperature and humidity			
10.310.1621	Compressive strength of at least 100 kPa (for applications between rafters)	m ³	On the job	2.770,00
10.310.1622	Compressive strength of at least 200 kPa	m ³	On the job	3.175,00
10.310.1623	Compressive strength of at least 300 kPa	m ³	On the job	3.415,00
10.310.1624	Compressive strength of at least 400 kPa and bending strength of at least 600 kPa (for applications without roof boards on rafters)	m ³	On the job	8.080,00
THERMAL INSULATION DOWELS				

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
a) Insulation dowels with steel nail				
10.330.2351	For 9 to 15 cm (including 15 cm)	Qty	On the job	3,50
10.330.2352	For lengths exceeding 15 cm	Qty	On the job	3,80
b) Insulation dowels with plastic nail				
10.330.2356	For 9 to 15 cm (including 15 cm)	Qty	On the job	1,25
10.330.2357	For lengths exceeding 15 cm	Qty	On the job	1,65
c) Insulation dowels applied to autoclaved aerated concrete (AAC) surfaces				
10.330.2361	For lengths equal to and greater than 15 cm (with clamped plastic screws)	Qty	On the job	3,10
10.330.2362	For lengths equal to and greater than 15 cm (with clamped steel screws)	Qty	On the job	5,15
d) Insulation dowels applied to wooden surfaces				
10.330.2366	For 7 to 15 cm (including 15 cm)	Qty	On the job	1,65
10.330.2367	For lengths exceeding 15 cm	Qty	On the job	3,00
AUXILIARY INSULATION SHEATHING COMPONENTS				
Corner Profiles				
10.330.2401	Aluminum Corner Profiles	m	On the job	8,50
10.330.2402	PVC Corner Profile	m	On the job	3,50
10.330.2403	Aluminum Corner Profiles (Meshed)	m	On the job	11,50
10.330.2404	PVC Corner Profiles (Meshed)	m	On the job	7,85
10.330.2405	Corner Profiles with Aluminum Drip Course	m	On the job	9,75
10.330.2406	Corner Profiles with PVC Drip Course	m	On the job	6,50
10.330.2407	Corner Profiles with Aluminum Drip Course (Meshed)	m	On the job	23,50
10.330.2408	Corner Profiles with PVC Drip Course (Meshed)	m	On the job	12,50
Plinth Profiles				
10.330.2411	Aluminum (initial) plinth profiles for 3 to 5 cm insulation sheathing	m	On the job	35,00
10.330.2412	Aluminum (initial) plinth profiles for 6 to 10 cm insulation sheathing	m	On the job	45,00
Window Sill Extension Profiles				
10.330.2416	Aluminum window sill extension profiles	m	On the job	55,00
10.330.2417	PVC window sill extension profiles	m	On the job	23,50
Mesh Expansion Profiles				
10.330.2421	PVC-based expansion profiles (mesh) for 3 to 5 cm dilatation openings	m	On the job	105,00
10.330.2422	PVC-based expansion profiles (mesh) for 6 to 8 cm dilatation openings	m	On the job	135,00
10.330.2423	PVC-based expansion profiles (mesh) for dilatation openings larger than 8 cm	m	On the job	165,00
Joinery Finish Profiles				
10.330.2426	Self-adhesive mesh PVC Window and Door Attachment Profiles (Joinery Finish Profile)	m	On the job	26,50
Plastic Wedge, etc.				
10.330.2431	Plastic Wedges	Qty	On the job	2,00
THERMAL INSULATION PLATE ADHESIVE, PLASTER, MESH, ETC.				
10.330.2501	Plaster mesh (resistant to 145 to 160 g/m ² of alkali) (Certified with national technical approval or European technical approval)	m ²	On the job	12,00
10.330.2502	Plaster mesh (75 g/m ²) (Certified with national technical approval or European technical approval)	m ²	On the job	8,00
10.330.2503	Thermal insulation board adhesive (TS 13566) (cement-based, polymer-added)	Kg	On the job	4,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.330.2504	Thermal insulation board adhesive (Acrylic-based, elastic)	Kg	On the job	10,00
10.330.2505	Thermal insulation panel plaster (TS 13687) (cement-based, polymer-added)	Kg	On the job	4,50
10.330.2506	Thermal insulation panel plaster (Acrylic-based, elastic)	Kg	On the job	15,00
EPS BOARDS AND STRUCTURAL PANELS MADE OF LOW-CARBON GALVANIZED STEEL WIRE				
(EPS density min. 16 kg/m ³ - Wire Thickness Ø2.8 mm - 3.5 mm - Steel wires shall be spot welded with max. 10 cm spacing in vertical and horizontal axes) (UTO)				
10.330.2551	Panel thickness: 10 cm - EPS thickness: 7.5 cm	m ²	On the job	540,00
10.330.2552	Panel thickness: 11 cm - EPS thickness: 8.5 cm	m ²	On the job	570,00
10.330.2553	Panel thickness: 13 cm - EPS thickness: 10.5 cm	m ²	On the job	595,00
10.330.2554	Panel thickness: 15 cm - EPS thickness: 12.5 cm	m ²	On the job	630,00
(EPS density min. 16 kg/m ³ - Wire Thickness Ø2.5 mm - 3.5 mm - Steel wires shall be spot welded with max. 10 cm spacing in vertical and horizontal axes) (UTO)				
10.330.2561	Panel thickness: 10 cm - EPS thickness: 7.5 cm	m ²	On the job	540,00
10.330.2562	Panel thickness: 11 cm - EPS thickness: 8.5 cm	m ²	On the job	570,00
10.330.2563	Panel thickness: 13 cm - EPS thickness: 10.5 cm	m ²	On the job	595,00
10.330.2564	Panel thickness: 15 cm - EPS thickness: 12.5 cm	m ²	On the job	625,00
POLYISOCYANURATE BOARDS				
10.330.2571	Hard Polyisocyanurate (PIR) Foam Boards (Fire Resistance Class: C) (TS EN 13165+A2)	m ³	On the job	8.650,00
INSULATED ROOF AND WALL PANELS				
Polyurethane (PUR) insulated sandwich roof panels (TS EN 14509) (Fire Reaction Class min. C s3 d2, BROOF-certified exterior fire performance, Polyurethane density min. 38-42 kg/m³, Sheet metal yield strength min. 220 N/mm², Sheet metals galvanized min. 100 g/m², exterior surface coated with 5 microns of epoxy primer and 20 microns of polyester (final coat) paint (by a factory-made painting roll system), surfaces exposed to polyurethane coated with min. 5-micron epoxy primer)				
10.330.2601	0.50 + 0.40 + (40 mm filling)	m ²	On the job	530,00
10.330.2602	0.50 + 0.40 + (50 mm filling)	m ²	On the job	570,00
10.330.2603	0.50 + 0.40 + (60 mm filling)	m ²	On the job	650,00
10.330.2604	0.50 + 0.40 + (75 mm filling)	m ²	On the job	730,00
10.330.2605	0.50 + 0.40 + (80 mm filling)	m ²	On the job	780,00
10.330.2606	0.50 + 0.40 + (100 mm filling)	m ²	On the job	860,00
10.330.2607	0.50 + 0.50 + (100 mm filling)	m ²	On the job	890,00
10.330.2608	0.50 + 0.50 + (40 mm filling)	m ²	On the job	625,00
10.330.2609	0.70 + 0.50 + (60 mm filling)	m ²	On the job	730,00
Polyurethane (PUR) insulated, hidden fastener sandwich facade panels (TS EN 14509) (Fire Reaction Class min. C s3 d2, Polyurethane density min. 38-42 kg/m³, Sheet metal yield strength min. 220 N/mm², Sheet metals galvanized min. 100 g/m², exterior surface coated with 5 microns of epoxy primer and 20 microns of polyester (final coat) paint (by a factory-made painting roll system), surfaces exposed to polyurethane coated with min. 5-micron epoxy primer)				
10.330.2626	0.50 + 0.40 + (40 mm filling)	m ²	On the job	530,00
10.330.2627	0.50 + 0.40 + (50 mm filling)	m ²	On the job	570,00
10.330.2628	0.50 + 0.40 + (60 mm filling)	m ²	On the job	650,00
10.330.2629	0.60 + 0.40 + (75 mm filling)	m ²	On the job	780,00
10.330.2630	0.60 + 0.40 + (80 mm filling)	m ²	On the job	790,00
10.330.2631	0.60 + 0.40 + (100 mm filling)	m ²	On the job	870,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
Sandwich roof panel with polyurethane insulation and 1.20-mm-thick felt PVC membrane (Fire Reaction Class min. C s3 d2, BROOF-certified exterior fire performance, Polyurethane density min. 38-42 kg/m ³ , Sheet metal yield strength min. 220 N/mm ² , Sheet metals galvanized min. 100 g/m ² , exterior surface coated with 5 microns of epoxy primer and 20 microns of polyester (final coat) paint (by a factory-made painting roll system), surfaces exposed to polyurethane coated with min. 5-micron epoxy primer, PVC membrane-reinforced and UV-resistant)				
10.330.2651	1.20 + 0.60 + (40 mm filling)	m ²	On the job	790,00
10.330.2652	1.20 + 0.60 + (50 mm filling)	m ²	On the job	835,00
10.330.2653	1.20 + 0.60 + (60 mm filling)	m ²	On the job	870,00
10.330.2654	1.20 + 0.60 + (75 mm filling)	m ²	On the job	925,00
10.330.2655	1.20 + 0.60 + (80 mm filling)	m ²	On the job	960,00
10.330.2656	1.20 + 0.60 + (100 mm filling)	m ²	On the job	1.030,00
Sandwich roof panel with polyurethane insulation and 1.20-mm-thick felt TPO membrane (Fire Reaction Class min. C s3 d2, BROOF-certified exterior fire performance, Polyurethane density min. 38-42 kg/m ³ , Sheet metal yield strength min. 220 N/mm ² , Sheet metals galvanized min. 100 g/m ² , exterior surface coated with 5 microns of epoxy primer and 20 microns of polyester (final coat) paint (by a factory-made painting roll system), surfaces exposed to polyurethane coated with min. 5-micron epoxy primer, TPO membrane-reinforced and UV-resistant)				
10.330.2676	1.20 + 0.60 + (40 mm filling)	m ²	On the job	820,00
10.330.2677	1.20 + 0.60 + (50 mm filling)	m ²	On the job	865,00
10.330.2678	1.20 + 0.60 + (60 mm filling)	m ²	On the job	905,00
10.330.2679	1.20 + 0.60 + (75 mm filling)	m ²	On the job	955,00
10.330.2680	1.20 + 0.60 + (80 mm filling)	m ²	On the job	975,00
10.330.2681	1.20 + 0.60 + (100 mm filling)	m ²	On the job	1.040,00
Polyisocyanurate (PIR) insulated sandwich roof panels (TS EN 14509) (Fire Reaction Class min. B s3 d0, BROOF-certified exterior fire performance, Polyisocyanurate density min. 38-42 kg/m ³ , Sheet metal yield strength min. 220 N/mm ² , Sheet metals galvanized min. 100 g/m ² , exterior surface coated with 5 microns of epoxy primer and 20 microns of polyester (final coat) paint (by a factory-made painting roll system), surfaces exposed to polyisocyanurate coated with min. 5-micron epoxy primer)				
10.330.2701	0.50 + 0.40 + (40 mm filling)	m ²	On the job	565,00
10.330.2702	0.50 + 0.40 + (50 mm filling)	m ²	On the job	625,00
10.330.2703	0.50 + 0.40 + (60 mm filling)	m ²	On the job	710,00
10.330.2704	0.50 + 0.40 + (75 mm filling)	m ²	On the job	790,00
10.330.2705	0.50 + 0.40 + (80 mm filling)	m ²	On the job	820,00
10.330.2706	0.50 + 0.40 + (100 mm filling)	m ²	On the job	910,00
10.330.2707	0.50 + 0.50 + (100 mm filling)	m ²	On the job	925,00
10.330.2708	0.50 + 0.50 + (40 mm filling)	m ²	On the job	640,00
10.330.2709	0.70 + 0.50 + (60 mm filling)	m ²	On the job	790,00
Polyisocyanurate (PIR) insulated, concealed fastener sandwich facade panels (TS EN 14509) (Fire Reaction Class min. B s3 d0, Polyisocyanurate density min. 38-42 kg/m ³ , Sheet metal yield strength min. 220 N/mm ² , Sheet metals galvanized min. 100 g/m ² , exterior surface coated with 5 microns of epoxy primer and 20 microns of polyester (final coat) paint (by a factory-made painting roll system), surfaces exposed to polyurethane coated with min. 5-micron epoxy primer)				
10.330.2726	0.50 + 0.40 + (40 mm filling)	m ²	On the job	580,00
10.330.2727	0.50 + 0.40 + (50 mm filling)	m ²	On the job	625,00
10.330.2728	0.50 + 0.40 + (60 mm filling)	m ²	On the job	670,00
10.330.2729	0.60 + 0.40 + (75 mm filling)	m ²	On the job	780,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.330.2730	0.60 + 0.40 + (80 mm filling)	m ²	On the job	820,00
10.330.2731	0.60 + 0.40 + (100 mm filling)	m ²	On the job	900,00
Sandwich roof panel with polyisocyanurate insulation and 1.20-mm-thick felt PVC membrane (Fire Reaction Class min. B s3 d0, BROOF-certified exterior fire performance, Polyisocyanurate density min. 38-42 kg/m³, Sheet metal yield strength min. 220 N/mm², Sheet metals galvanized min. 100 g/m², exterior surface coated with 5 microns of epoxy primer and 20 microns of polyester (final coat) paint (by a factory-made painting roll system), surfaces exposed to polyisocyanurate coated with min. 5-micron epoxy primer, PVC membrane-reinforced and UV-resistant)				
10.330.2751	1.20 + 0.60 + (40 mm filling)	m ²	On the job	865,00
10.330.2752	1.20 + 0.60 + (50 mm filling)	m ²	On the job	900,00
10.330.2753	1.20 + 0.60 + (60 mm filling)	m ²	On the job	950,00
10.330.2754	1.20 + 0.60 + (75 mm filling)	m ²	On the job	1.010,00
10.330.2755	1.20 + 0.60 + (80 mm filling)	m ²	On the job	1.030,00
10.330.2756	1.20 + 0.60 + (100 mm filling)	m ²	On the job	1.100,00
Sandwich roof panel with polyisocyanurate insulation and 1.20-mm-thick felt TPO membrane (Fire Reaction Class min. B s3 d0, BROOF-certified exterior fire performance, Polyisocyanurate density min. 38-42 kg/m³, Sheet metal yield strength min. 220 N/mm², Sheet metals galvanized min. 100 g/m², exterior surface coated with 5 microns of epoxy primer and 20 microns of polyester (final coat) paint (by a factory-made painting roll system), surfaces exposed to polyisocyanurate coated with min. 5-micron epoxy primer, TPO membrane-reinforced and UV-resistant)				
10.330.2776	1.20 + 0.60 + (40 mm filling)	m ²	On the job	900,00
10.330.2777	1.20 + 0.60 + (50 mm filling)	m ²	On the job	915,00
10.330.2778	1.20 + 0.60 + (60 mm filling)	m ²	On the job	960,00
10.330.2779	1.20 + 0.60 + (75 mm filling)	m ²	On the job	1.030,00
10.330.2780	1.20 + 0.60 + (80 mm filling)	m ²	On the job	1.040,00
10.330.2781	1.20 + 0.60 + (100 mm filling)	m ²	On the job	1.130,00
Polystyrene (EPS) insulated sandwich roof panels (TS EN 14509) (Fire reaction class min. E, exterior fire performance BROOF-certified, EPS density min. 15-20 kg/m³, Natural and embossed aluminum panel yield strength min. 140 N/mm²)				
10.330.2801	0.70 + 0.50 + (40 mm filling)	m ²	On the job	695,00
10.330.2802	0.70 + 0.50 + (50 mm filling)	m ²	On the job	710,00
10.330.2803	0.70 + 0.50 + (60 mm filling)	m ²	On the job	720,00
10.330.2804	0.70 + 0.50 + (80 mm filling)	m ²	On the job	750,00
10.330.2805	0.70 + 0.50 + (100 mm filling)	m ²	On the job	785,00
10.330.2806	0.50 + 0.50 + (40 mm filling)	m ²	On the job	625,00
10.330.2807	0.50 + 0.50 + (50 mm filling)	m ²	On the job	640,00
10.330.2808	0.50 + 0.50 + (60 mm filling)	m ²	On the job	650,00
10.330.2809	0.50 + 0.50 + (80 mm filling)	m ²	On the job	695,00
10.330.2810	0.50 + 0.50 + (100 mm filling)	m ²	On the job	710,00
Polystyrene (EPS) insulated sandwich roof panels (TS EN 14509) (Fire reaction class min. E, exterior fire performance BROOF-certified, EPS density min. 15-20 kg/m³, Sheet metal yield strength min. 220 N/mm², Sheet metals galvanized min. 100 g/m², exterior surface coated with 5 microns of epoxy primer and 20 microns of polyester (final coat) paint (by a factory-made painting roll system), surfaces exposed to EPS coated with min. 5-micron epoxy primer)				
10.330.2826	0.50 + 0.40 + (40 mm filling)	m ²	On the job	550,00
10.330.2827	0.50 + 0.40 + (50 mm filling)	m ²	On the job	580,00
10.330.2828	0.50 + 0.40 + (60 mm filling)	m ²	On the job	585,00
10.330.2829	0.50 + 0.40 + (80 mm filling)	m ²	On the job	625,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.330.2830	0.50 + 0.40 + (100 mm filling)	m ²	On the job	640,00
10.330.2831	0.50 + 0.50 + (40 mm filling)	m ²	On the job	580,00
10.330.2832	0.50 + 0.50 + (50 mm filling)	m ²	On the job	585,00
10.330.2833	0.50 + 0.50 + (60 mm filling)	m ²	On the job	625,00
10.330.2834	0.50 + 0.50 + (80 mm filling)	m ²	On the job	640,00
10.330.2835	0.50 + 0.50 + (100 mm filling)	m ²	On the job	650,00
10.330.2836	0.70 + 0.50 + (40 mm filling)	m ²	On the job	650,00
10.330.2837	0.70 + 0.50 + (50 mm filling)	m ²	On the job	650,00
10.330.2838	0.70 + 0.50 + (60 mm filling)	m ²	On the job	695,00
10.330.2839	0.70 + 0.50 + (80 mm filling)	m ²	On the job	710,00
10.330.2840	0.70 + 0.50 + (100 mm filling)	m ²	On the job	750,00
Polystyrene (EPS) insulated sandwich roof panels (TS EN 14509) (Fire reaction class min. E, exterior fire performance BROOF-certified, EPS density min. 15-20 kg/m³, top sheet metal yield strength min. 220 N/mm², Sheet metals galvanized min. 100 g/m², exterior surface coated with 5 microns of epoxy primer and 20 microns of polyester (final coat) paint (by a factory-made painting roll system), surfaces exposed to EPS coated with min. 5-micron epoxy primer, lower natural and embossed aluminum plate yield strength min. 140 N/mm²)				
10.330.2851	0.50 + 0.40 + (40 mm filling)	m ²	On the job	580,00
10.330.2852	0.50 + 0.40 + (50 mm filling)	m ²	On the job	585,00
10.330.2853	0.50 + 0.40 + (60 mm filling)	m ²	On the job	650,00
10.330.2854	0.50 + 0.40 + (80 mm filling)	m ²	On the job	640,00
10.330.2855	0.50 + 0.40 + (100 mm filling)	m ²	On the job	650,00
10.330.2856	0.50 + 0.50 + (40 mm filling)	m ²	On the job	585,00
10.330.2857	0.50 + 0.50 + (50 mm filling)	m ²	On the job	625,00
10.330.2858	0.50 + 0.50 + (60 mm filling)	m ²	On the job	640,00
10.330.2859	0.50 + 0.50 + (80 mm filling)	m ²	On the job	650,00
10.330.2860	0.50 + 0.50 + (100 mm filling)	m ²	On the job	695,00
10.330.2861	0.70 + 0.50 + (40 mm filling)	m ²	On the job	650,00
10.330.2862	0.70 + 0.50 + (50 mm filling)	m ²	On the job	695,00
10.330.2863	0.70 + 0.50 + (60 mm filling)	m ²	On the job	710,00
10.330.2864	0.70 + 0.50 + (80 mm filling)	m ²	On the job	720,00
10.330.2865	0.70 + 0.50 + (100 mm filling)	m ²	On the job	760,00
Rock wool-insulated, sandwich roof panels (TS EN 14509) (Fire Reaction Class A2 s1 d0, BROOF exterior fire performance, Rock Wool density min. 100 kg/m³, Sheet metal yield strength min. 220 N/mm², Sheet metals galvanized min. 100 g/m², exterior surface coated with 5 microns of epoxy primer and 20 microns of polyester (final coat) paint (by a factory-made painting roll system), surfaces exposed to rock wool coated with min. 5-micron epoxy primer)				
10.330.2901	0.50 + 0.50 + (50 mm filling)	m ²	On the job	700,00
10.330.2902	0.50 + 0.50 + (60 mm filling)	m ²	On the job	720,00
10.330.2903	0.50 + 0.50 + (75 mm filling)	m ²	On the job	780,00
10.330.2904	0.50 + 0.50 + (80 mm filling)	m ²	On the job	785,00
10.330.2905	0.60 + 0.50 + (100 mm filling)	m ²	On the job	830,00
10.330.2906	0.60 + 0.50 + (50 mm filling)	m ²	On the job	750,00
10.330.2907	0.60 + 0.50 + (60 mm filling)	m ²	On the job	780,00
10.330.2908	0.60 + 0.50 + (75 mm filling)	m ²	On the job	820,00
10.330.2909	0.60 + 0.50 + (80 mm filling)	m ²	On the job	820,00
10.330.2910	0.70 + 0.50 + (100 mm filling)	m ²	On the job	865,00
10.330.2911	0.70 + 0.60 + (120 mm filling)	m ²	On the job	1.015,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.330.2912	0.70 + 0.60 + (150 mm filling)	m ²	On the job	1.085,00
	Rock wool-insulated, hidden fastener sandwich facade panels (TS EN 14509) (Fire Reaction Class A2 s1 d0, Rock wool density min. 100 kg/m³, Sheet metal yield strength min. 220 N/mm², Sheet metals galvanized min. 100 g/m², exterior surface coated with 5 microns of epoxy primer and 20 microns of polyester (final coat) paint (by a factory-made painting roll system), surfaces exposed to rock wool coated with min. 5-micron epoxy primer)			
10.330.2926	0.50 + 0.50 + (50 mm filling)	m ²	On the job	780,00
10.330.2927	0.60 + 0.50 + (60 mm filling)	m ²	On the job	755,00
10.330.2928	0.60 + 0.50 + (75 mm filling)	m ²	On the job	785,00
10.330.2929	0.60 + 0.50 + (80 mm filling)	m ²	On the job	820,00
10.330.2930	0.60 + 0.50 + (100 mm filling)	m ²	On the job	845,00
10.330.2931	0.70 + 0.50 + (75 mm filling)	m ²	On the job	785,00
10.330.2932	0.70 + 0.50 + (80 mm filling)	m ²	On the job	820,00
10.330.2933	0.70 + 0.50 + (100 mm filling)	m ²	On the job	845,00
10.330.2934	0.70 + 0.60 + (120 mm filling)	m ²	On the job	975,00
10.330.2935	0.70 + 0.60 + (150 mm filling)	m ²	On the job	1.085,00
	Sandwich roof panel with rock wool insulation and 1.20-mm-thick felt PVC membrane (Fire Reaction Class min. B s1 d0, BROOF-certified exterior fire performance, Rock wool density min. 120 kg/m³, Sheet metal yield strength min. 220 N/mm², Sheet metals galvanized min. 100 g/m², exterior surfaces 5 coated with 5 microns of epoxy primer and 20 microns of polyester (final coat) paint (by a factory-made painting roll system), surfaces exposed to rock wool coated with min. 5-micron epoxy primer, PVC membrane-reinforced and UV-resistant)			
10.330.2951	1.20 + 0.60 + (50 mm filling)	m ²	On the job	955,00
10.330.2952	1.20 + 0.60 + (60 mm filling)	m ²	On the job	975,00
10.330.2953	1.20 + 0.60 + (75 mm filling)	m ²	On the job	1.035,00
10.330.2954	1.20 + 0.60 + (80 mm filling)	m ²	On the job	1.040,00
10.330.2955	1.20 + 0.70 + (100 mm filling)	m ²	On the job	1.130,00
	Sandwich roof panel with rock wool insulation and 1,20-mm-thick felt TPO membrane (Fire Reaction Class min. B s1 d0, BROOF-certified exterior fire performance, Rock wool density min. 120 kg/m³, Sheet metal yield strength min. 220 N/mm², Sheet metals galvanized min. 100 g/m², exterior surfaces 5 coated with 5 microns of epoxy primer and 20 microns of polyester (final coat) paint (by a factory-made painting roll system), surfaces exposed to rock wool coated with min. 5-micron epoxy primer, TPO membrane-reinforced and UV-resistant)			
10.330.2961	1.20 + 0.60 + (50 mm filling)	m ²	On the job	965,00
10.330.2962	1.20 + 0.60 + (60 mm filling)	m ²	On the job	1.015,00
10.330.2963	1.20 + 0.60 + (75 mm filling)	m ²	On the job	1.040,00
10.330.2964	1.20 + 0.60 + (80 mm filling)	m ²	On the job	1.085,00
10.330.2965	1.20 + 0.70 + (100 mm filling)	m ²	On the job	1.145,00
	Sandwich roof panel with rock wool insulation and 1.50-mm-thick felt TPO membrane (Fire Reaction Class min. B s1 d0, BROOF-certified exterior fire performance, Rock wool density min. 120 kg/m³, Sheet metal yield strength min. 220 N/mm², Sheet metals galvanized min. 100 g/m², exterior surfaces 5 coated with 5 microns of epoxy primer and 20 microns of polyester (final coat) paint (by a factory-made painting roll system), surfaces exposed to rock wool coated with min. 5-micron epoxy primer, TPO membrane-reinforced and UV-resistant)			
10.330.2971	1.50 + 0.60 + (50 mm filling)	m ²	On the job	975,00
10.330.2972	1.50 + 0.60 + (60 mm filling)	m ²	On the job	1.035,00
10.330.2973	1.50 + 0.60 + (75 mm filling)	m ²	On the job	1.085,00
10.330.2974	1.50 + 0.60 + (80 mm filling)	m ²	On the job	1.090,00
10.330.2975	1.50 + 0.70 + (100 mm filling)	m ²	On the job	1.175,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
Sandwich roof panel with rock wool and polyurethane insulation and 1.20-mm-thick felt PVC membrane (Fire Reaction Class min. B s1 d0, BROOF-certified exterior fire performance, Rock wool density min. 100 kg/m ³ , Polyurethane density min. 40 kg/m ³ Sheet metal yield strength min. 220 N/mm ² , Sheet metals galvanized min. 100 g/m ² , exterior surface coated with 5 microns of epoxy primer and 20 microns of polyester (final coat) paint (by a factory-made painting roll system), surfaces exposed to rock wool coated with min. 5-micron epoxy primer, PVC membrane-reinforced and UV-resistant)				
10.330.2981	1.20 + 0.60 + (50 mm rock wool + 25 mm polyurethane filling)	m ²	On the job	1.085,00
10.330.2982	1.20 + 0.50 + (75 mm rock wool + 25 mm polyurethane filling)	m ²	On the job	1.100,00
Sandwich roof panel with rock wool and polyurethane insulation and 1.20-mm-thick felt TPO membrane (Fire Reaction Class min. B s1 d0, BROOF-certified exterior fire performance, Rock wool density min. 100 kg/m ³ , Polyurethane density min. 40 kg/m ³ Sheet metal yield strength min. 220 N/mm ² , Sheet metals galvanized min. 100 g/m ² , exterior surface coated with 5 microns of epoxy primer and 20 microns of polyester (final coat) paint (by a factory-made painting roll system), surfaces exposed to rock wool coated with min. 5-micron epoxy primer, TPO membrane-reinforced and UV-resistant)				
10.330.2986	1.20 + 0.60 + (50 mm rock wool + 25 mm polyurethane filling)	m ²	On the job	1.100,00
10.330.2987	1.20 + 0.50 + (75 mm rock wool + 25 mm polyurethane filling)	m ²	On the job	1.145,00
Roof Exterior Panel Installation Materials, etc.				
10.330.3098	Plastic-based sealing strip (10-mm thick, 30-mm wide)	m	On the job	15,00
10.330.3099	Panel installation screw with EPDM seal	Qty	On the job	2,50
10.330.3100	Panel installation screw with puller screw	Qty	On the job	2,50
SPRAYED INSULATION AGENTS				
10.330.3101	Two-component, sprayed, hard polyurethane foam (TS EN 14315-1, 2)	Kg	On the job	105,00
10.330.3102	Boron-added, loose-textured cellulose (TS EN 15101-1, 2)	Kg	On the job	35,00
INSULATION PLASTERS				
10.330.3201	Ready-made rough/fine plaster mortar (T I, W I, CS I) (TS EN 998-1)	m ³	On the job	3.950,00
10.330.3202	Ready-made rough/fine plaster mortar (T I, W I, CS II) (TS EN 998-1)	m ³	On the job	4.300,00
AAC THERMAL INSULATION PANELS (TS 13729)				
10.330.3301	AAC thermal insulation panels	m ³	On the job	1.750,00
10.330.3302	AAC thermal insulation panel plaster	Kg	On the job	4,50
10.330.3303	AAC thermal insulation panel adhesive	Kg	On the job	4,50
WOOD CHIP PLANKS (TS 305) (200x50 cm)				
10.330.3401	2.5 cm	m ²	On the job	200,00
10.330.3402	3.5 cm	m ²	On the job	250,00
10.330.3403	5 cm	m ²	On the job	330,00
10.330.3404	7.5 cm	m ²	On the job	410,00
10.330.3405	10 cm	m ²	On the job	530,00
PRESSED STRAW-FILLED BOARDS (TS EN 13986+A1)				
10.330.3451	40-mm-thickness, pressed straw-filled board covered with cardboard tube	m ²	On the job	345,00
10.330.3452	60-mm-thickness, pressed straw-filled board covered with cardboard tube	m ²	On the job	385,00
SUB-FLOORING MAT WITH MIN. 30 kg/m³ DENSITY (polyethylene foam)				
10.330.3501	2 mm thickness	m ²	On the job	4,80
10.330.3502	3 mm thickness	m ²	On the job	7,50
10.330.3503	4 mm thickness	m ²	On the job	9,50
10.330.3504	5 mm thickness	m ²	On the job	11,50

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
FLAT MAT MADE OF POLYETHYLENE FOAM (min. 90 kg/m³ density) (TS EN 16069+A1) (Market Prices of other thicknesses will be interpolated)				
10.330.3521	2 mm thickness	m ²	On the job	27,00
10.330.3522	5 mm thickness	m ²	On the job	66,00
10.330.3523	8 mm thickness	m ²	On the job	110,00
10.330.3524	15 mm thickness	m ²	On the job	205,00
10.330.3525	30 mm thickness	m ²	On the job	405,00
PERFORATED MAT MADE OF POLYETHYLENE FOAM (min. 90 kg/m³ density) (TS EN 16069+A1) (Market Prices of other thicknesses will be interpolated)				
10.330.3541	2 mm thickness	m ²	On the job	55,00
10.330.3542	2.5 mm thickness	m ²	On the job	75,00
10.330.3543	5 mm thickness	m ²	On the job	110,00
POLYESTER-BASED INSULATION FELT (UTO) (Thermal conductivity value ≤ 0.038 W/mK, Fire class min. C s2d1)				
10.330.3561	7 mm thickness	m ²	On the job	86,50
10.330.3562	10 mm thickness	m ²	On the job	125,00
10.330.3563	15 mm thickness	m ²	On the job	145,00
10.330.3564	20 mm thickness	m ²	On the job	180,00
BITUMEN SHEETS (in every shape and size) (Shingle) (TS EN 544)				
10.330.5001	Oxidized bitumen shingles containing minimum 1300 g/m ² of bitumen	m ²	On the job	165,00
10.330.5002	Self-adhesive, oxidized bitumen shingles containing minimum 1300 g/m ² of bitumen	m ²	On the job	180,00
10.330.5003	Elastomer-modified, bitumen shingles containing minimum 1300 g/m ² of bitumen	m ²	On the job	155,00
10.330.5004	Self-adhesive, elastomer-modified, bitumen shingles containing minimum 1300 g/m ² of bitumen	m ²	On the job	165,00
10.330.5005	Plastomer APP-modified, bitumen shingles (with glass tissue carriers) containing minimum 1300 g/m ² of bitumen	m ²	On the job	155,00
10.330.5006	Self-adhesive, plastomer APP-modified, bitumen shingles (with glass tissue carriers) containing minimum 1300 g/m ² of bitumen	m ²	On the job	165,00
POLYMER BITUMEN SHEETS (TS EN 13969, TS EN 13707, Torch-treated)				
1- Sheets with Plastomer-based Glass Tissue Carriers (Bent at -10 °C, Tensile strength min. 300/200 N/5 cm, strain failures 2% longitudinally, 2% transversely)				
10.330.5101	2 mm	m ²	On the job	75,00
10.330.5102	3 mm	m ²	On the job	92,00
10.330.5103	3.3 mm, one surface coated with reflective gray mineral	m ²	On the job	110,00
10.330.5104	3.3 mm, one surface coated with reflective white mineral	m ²	On the job	115,00
10.330.5105	3.3 mm, one surface coated with reflective red mineral	m ²	On the job	113,00
10.330.5106	3.3 mm, one surface coated with reflective green mineral	m ²	On the job	113,00
10.330.5107	3 mm, one surface coated with metal foil	m ²	On the job	130,00
1A- Sheets with Plastomer-based Glass Tissue Carriers (Bent at -10 °C, Tensile strength min. 400/300 N/5 cm, strain failures 2% longitudinally, 2% transversely)				
10.330.5111	2 mm	m ²	On the job	80,00
10.330.5112	3 mm	m ²	On the job	100,00
10.330.5113	3.3 mm, one surface coated with reflective gray mineral	m ²	On the job	110,00
10.330.5114	3.3 mm, one surface coated with reflective white mineral	m ²	On the job	117,00
10.330.5115	3.3 mm, one surface coated with reflective red mineral	m ²	On the job	117,00
10.330.5116	3.3 mm, one surface coated with reflective green mineral	m ²	On the job	117,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.330.5117	3 mm, one surface coated with metal foil	m ²	On the job	130,00
2- Covers with Plastomer-based Polyester Felt carriers (Bent at -10 °C, Tensile strength min. 800/600 N/5 cm, strain failures 35% longitudinally, 35% transversely)				
10.330.5121	3 mm	m ²	On the job	108,00
10.330.5122	3.3 mm, one surface coated with reflective gray mineral	m ²	On the job	130,00
10.330.5123	3.3 mm, one surface coated with reflective white mineral	m ²	On the job	132,00
10.330.5124	3.3 mm, one surface coated with reflective red mineral	m ²	On the job	130,00
10.330.5125	3.3 mm, one surface coated with reflective green mineral	m ²	On the job	130,00
10.330.5126	3 mm, one surface coated with metal foil	m ²	On the job	147,00
10.330.5127	4 mm	m ²	On the job	130,00
10.330.5128	4.3 mm, one surface coated with reflective gray mineral	m ²	On the job	147,00
10.330.5129	4.3 mm, one surface coated with reflective white mineral	m ²	On the job	150,00
10.330.5130	4.3 mm, one surface coated with reflective red mineral	m ²	On the job	150,00
10.330.5131	4.3 mm, one surface coated with reflective green mineral	m ²	On the job	150,00
10.330.5132	4 mm, one surface coated with metal foil	m ²	On the job	165,00
10.330.5133	4 mm (resistant to plant roots) (Results of tests conducted by accredited laboratories as per TS EN 13948 shall be required.)	m ²	On the job	225,00
Covers with 2-A Plastomer-based Polyester Felt carriers (Bent at -10 °C, Tensile strength min. 1000/800 N/5 cm, strain failures 40% longitudinally, 40% transversely)				
10.330.5141	4 mm Viaduct type	m ²	On the job	175,00
3- Sheets with Elastomer-based Glass Tissue Carriers (Bent at -20 °C, Tensile strength min. 300/200 N/5 cm, strain failures 2% longitudinally, 2% transversely)				
10.330.5151	2 mm	m ²	On the job	85,00
10.330.5152	3 mm	m ²	On the job	105,00
10.330.5153	3.3 mm, one surface coated with reflective gray mineral	m ²	On the job	122,00
10.330.5154	3.3 mm, one surface coated with reflective white mineral	m ²	On the job	129,00
10.330.5155	3.3 mm, one surface coated with reflective red mineral	m ²	On the job	125,00
10.330.5156	3.3 mm, one surface coated with reflective green mineral	m ²	On the job	125,00
10.330.5157	3 mm, one surface coated with metal foil	m ²	On the job	145,00
3A-Sheets with Elastomer-based Glass Tissue Carriers (Bent at -20 °C, Tensile strength min. 400/300 N/5 cm, strain failures 2% longitudinally, 2% transversely)				
10.330.5161	2 mm	m ²	On the job	92,00
10.330.5162	3 mm	m ²	On the job	110,00
10.330.5163	3.3 mm, one surface coated with reflective gray mineral	m ²	On the job	130,00
10.330.5164	3.3 mm, one surface coated with reflective white mineral	m ²	On the job	133,00
10.330.5165	3.3 mm, one surface coated with reflective red mineral	m ²	On the job	130,00
10.330.5166	3.3 mm, one surface coated with reflective green mineral	m ²	On the job	130,00
10.330.5167	3 mm, one surface coated with metal foil	m ²	On the job	147,00
Covers with 4-Elastomer-based Polyester Felt carriers (Bent at -20 °C, Tensile strength min. 800/600 N/5 cm, strain failures 35% longitudinally, 35% transversely)				
10.330.5171	3 mm	m ²	On the job	130,00
10.330.5172	3.3 mm, one surface coated with reflective gray mineral	m ²	On the job	150,00
10.330.5173	3.3 mm, one surface coated with reflective white mineral	m ²	On the job	155,00
10.330.5174	3.3 mm, one surface coated with reflective red mineral	m ²	On the job	152,00
10.330.5175	3.3 mm, one surface coated with reflective green mineral	m ²	On the job	152,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.330.5176	3 mm, one surface coated with metal foil	m ²	On the job	188,00
10.330.5177	4 mm	m ²	On the job	152,00
10.330.5178	4.3 mm, one surface coated with reflective gray mineral	m ²	On the job	170,00
10.330.5179	4.3 mm, one surface coated with reflective white mineral	m ²	On the job	177,00
10.330.5180	4.3 mm, one surface coated with reflective red mineral	m ²	On the job	174,00
10.330.5181	4.3 mm, one surface coated with reflective green mineral	m ²	On the job	174,00
10.330.5182	4 mm, one surface coated with metal foil	m ²	On the job	192,00
10.330.5183	4 mm (resistant to plant roots) (Results of tests conducted by accredited laboratories as per TS EN 13948 shall be required.)	m ²	On the job	255,00
5- Sheets with Plastomer-based Glass Tissue Carriers (Bent at -5 °C, Tensile strength min. 300/200 N/5 cm, strain failures 2% longitudinally, 2% transversely)				
10.330.5191	2 mm	m ²	On the job	71,00
10.330.5192	3 mm	m ²	On the job	86,00
10.330.5193	3.3 mm, one surface coated with reflective gray mineral	m ²	On the job	105,00
10.330.5194	3.3 mm, one surface coated with reflective white mineral	m ²	On the job	107,00
10.330.5195	3.3 mm, one surface coated with reflective red mineral	m ²	On the job	105,00
10.330.5196	3.3 mm, one surface coated with reflective green mineral	m ²	On the job	105,00
6- Covers with Plastomer-based Polyester Felt carriers (Bent at -5 °C, Tensile strength min. 600/400 N/5 cm, strain failures 30% longitudinally, 30% transversely)				
10.330.5201	3 mm	m ²	On the job	100,00
10.330.5202	3.3 mm, one surface coated with reflective gray mineral	m ²	On the job	122,00
10.330.5203	3.3 mm, one surface coated with reflective white mineral	m ²	On the job	122,00
10.330.5204	3.3 mm, one surface coated with reflective red mineral	m ²	On the job	122,00
10.330.5205	3.3 mm, one surface coated with reflective green mineral	m ²	On the job	122,00
10.330.5206	4 mm	m ²	On the job	122,00
10.330.5207	4.3 mm, one surface coated with reflective gray mineral	m ²	On the job	138,00
10.330.5208	4.3 mm, one surface coated with reflective white mineral	m ²	On the job	145,00
10.330.5209	4.3 mm, one surface coated with reflective red mineral	m ²	On the job	145,00
10.330.5210	4.3 mm, one surface coated with reflective green mineral	m ²	On the job	145,00
7- Liquid Primers and Protective Agents				
10.330.5291	Bitumen emulsion (TS 113)	Kg	On the job	31,00
10.330.5292	Bitumen solution	Kg	On the job	56,50
10.330.5293	Elastomeric bitumen solution	Kg	On the job	65,50
10.330.5294	Reflective bitumen solution	Kg	On the job	115,00
10.330.5295	Elastomeric bitumen	Kg	On the job	61,00
MECHANICAL FITTINGS (SCREWS) FOR WATER INSULATION				
a) Metal head and metal screws				
10.330.5301	4.8 x 70 mm	Qty	On the job	1,30
10.330.5302	4.8 x 90 mm	Qty	On the job	1,70
10.330.5303	4.8 x 110 mm	Qty	On the job	2,00
b) plastic head and metal threads				
10.330.5306	4.8 x 70 mm	Qty	On the job	2,00
10.330.5307	4.8 x 90 mm	Qty	On the job	2,30
10.330.5308	4.8 x 110 mm	Qty	On the job	2,70
Asphalt (Used for roofing) (TS 105)				
10.330.5401	Type 1 (Softening point: 57 - 66)	Kg	On the job	11,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.330.5402	Type 2 (Softening point: 70 - 80)	Kg	On the job	11,00
10.330.5403	Type 3 (Softening point: 85 - 96)	Kg	On the job	11,00
10.330.5404	Type 4 (Softening point: 99 - 107)	Kg	On the job	11,00
ASPHALT CEMENTS AND LIQUID PETROLEUM ASPHALT				
10.330.5421	Asphalt cement (Penetration asphalt) (Izmit)	Kg	Refinery	16,10
10.330.5422	Asphalt cement (Penetration asphalt) (Kırıkkale)	Kg	Refinery	16,10
10.330.5423	Asphalt cement (Penetration asphalt) (Batman)	Kg	Refinery	16,10
10.330.5424	Asphalt cement (Penetration asphalt) (Izmir)	Kg	Refinery	16,10
10.330.5425	MC-30 (Medium-setting)	Kg	Refinery	27,25
10.330.5426	MC-800 (Medium-setting)	Kg	Refinery	23,68
ASPHALT EMULSIONS USED FOR ROAD PAVEMENT (TS 1082, TS EN 13808)				
10.330.5441	Cationic Asphalt Emulsion (CRS-1 Type)	Kg	Factory	11,60
10.330.5442	Cationic Asphalt Emulsion (CRS-2 Type)	Kg	Factory	13,80
10.330.5443	Cationic Asphalt Emulsion (CMS-2 Type)	Kg	Factory	14,40
10.330.5444	Cationic Asphalt Emulsion (CSS-1 Type)	Kg	Factory	14,40
10.330.5445	Anionic Asphalt Emulsion (RS-1 Type)	Kg	Factory	11,20
10.330.5446	Anionic Asphalt Emulsion (SS-1 Type)	Kg	Factory	12,10
MASTIC ASPHALT				
10.330.5451	Mastic Asphalt (TS 112 EN 12970)	Kg	On the job	26,50
VARIOUS WATER AND STEAM INSULATION MATERIALS				
10.330.5491	Canvas	m ²	On the job	6,75
10.330.5492	Tarred rope (Ø12 mm)	m	On the job	7,00
10.330.5493	Bitumen cardboard (TS EN 13859-1) (Type 1)	m ²	On the job	4,50
10.330.5494	Minimum 1-mm-thick, non-laminated polymer bitumen cover with glass tissue, coated with polyethylene film on both surfaces, for use under sloped roofing materials (TS EN 13859-1)	m ²	On the job	50,00
10.330.5495	Bitumen cardboard (TS EN 13859-1) (Type 3)	m ²	On the job	5,00
10.330.5496	Minimum 0.60-mm-thick, non-laminated polymer bitumen cover with polyester felt carriers, coated with polyethylene film on both surfaces, for use under sloped roofing materials (TS EN 13859-1)	m ²	On the job	56,50
10.330.5497	Sub-roof water insulation board with bitumen-impregnated organic fiber (TS EN 14964)	m ²	On the job	100,00
10.330.5498	Water insulation cover permeable to water vapor TS EN 13859-1, 2 (waterproofing class WI)	m ²	On the job	38,00
10.330.5499	Water insulation cover permeable to water vapor TS EN 13859-1,2 (waterproofing class WII, fire class A2)	m ²	On the job	60,00
GEOTEXTILE FELTS				
10.330.6001	100 g/m ²	m ²	On the job	5,90
10.330.6002	150 g/m ²	m ²	On the job	6,20
10.330.6003	200 g/m ²	m ²	On the job	8,00
10.330.6004	250 g/m ²	m ²	On the job	9,70
10.330.6005	300 g/m ²	m ²	On the job	11,70
10.330.6006	400 g/m ²	m ²	On the job	15,50
10.330.6007	500 g/m ²	m ²	On the job	19,50
	Note: Where other measurable properties than weight is sought in the project specifications, this item shall not apply.			

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
GEOMEMBRANES (TS EN 13956, TS EN 13967+A1) (Prices of other thicknesses shall be interpolated)				
1-PVC-based, Flat type/with Signal layer				
10.330.6011	1 mm thickness	m ²	On the job	103,00
10.330.6012	1.5 mm thickness	m ²	On the job	150,00
10.330.6013	2 mm thickness	m ²	On the job	205,00
10.330.6014	2.5 mm thickness	m ²	On the job	255,00
2- PVC-based, UV-resistant, Reinforced (Glass fiber or polyester)				
10.330.6021	1 mm thickness	m ²	On the job	113,00
10.330.6022	1.5 mm thickness	m ²	On the job	170,00
10.330.6023	2 mm thickness	m ²	On the job	225,00
10.330.6024	2.5 mm thickness	m ²	On the job	280,00
3- HDPE-based, Flat type/with Signal layer				
10.330.6031	1 mm thickness	m ²	On the job	83,00
10.330.6032	1.5 mm thickness	m ²	On the job	123,00
10.330.6033	2 mm thickness	m ²	On the job	165,00
10.330.6034	2.5 mm thickness	m ²	On the job	206,00
4- HDPE-based, UV-resistant, Reinforced (Glass fiber or polyester)				
10.330.6041	1 mm thickness	m ²	On the job	94,00
10.330.6042	1.5 mm thickness	m ²	On the job	138,00
10.330.6043	2 mm thickness	m ²	On the job	188,00
10.330.6044	2.5 mm thickness	m ²	On the job	232,00
5- LDPE-based, Flat type/with Signal layer				
10.330.6051	1 mm thickness	m ²	On the job	82,00
10.330.6052	1.5 mm thickness	m ²	On the job	125,00
10.330.6053	2 mm thickness	m ²	On the job	163,00
10.330.6054	2.5 mm thickness	m ²	On the job	206,00
7- Thermoset EPDM-based				
10.330.6061	1 mm thickness	m ²	On the job	220,00
10.330.6062	1.5 mm thickness	m ²	On the job	325,00
10.330.6063	2 mm thickness	m ²	On the job	445,00
10.330.6064	2.5 mm thickness	m ²	On the job	540,00
9- TPO-based, UV-resistant, Reinforced (Glass fiber or polyester)				
10.330.6071	1 mm thickness	m ²	On the job	150,00
10.330.6072	1.5 mm thickness	m ²	On the job	225,00
10.330.6073	2 mm thickness	m ²	On the job	300,00
10.330.6074	2.5 mm thickness	m ²	On the job	370,00
10-Thermoplastic EPDM-based				
10.330.6081	1 mm thickness	m ²	On the job	180,00
10.330.6082	1.5 mm thickness	m ²	On the job	270,00
10.330.6083	2 mm thickness	m ²	On the job	365,00
10.330.6084	2.5 mm thickness	m ²	On the job	455,00
11- HDPE-based, Cross T-Grip				
10.330.6091	1.5 mm thickness	m ²	On the job	163,00
10.330.6092	2 mm thickness	m ²	On the job	215,00
10.330.6093	2.5 mm thickness	m ²	On the job	270,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
RUBBER DILATATION EXPANSION USED FOR CONCRETE WORKS (Rubber seals) (TS 2810-1,2)				
10.330.6201	Class I	Kg	On the job	105,00
10.330.6202	Class II	Kg	On the job	85,00
10.330.6203	Class III	Kg	On the job	65,00
PVC RUBBER DILATATION EXPANSION USED FOR CONCRETE WORKS (Plastic seals) (TS 3078-1,2)				
10.330.6211	Normal seals (n)	Kg	On the job	70,00
10.330.6212	Special parts (z)	Kg	On the job	75,00
10.330.6213	Different types of seals	Kg	On the job	75,00
HDPE Boards (TS 6905 EN ISO 14632) (Any color) (with/without UV resistance) (Prices of other thicknesses shall be interpolated)				
10.330.6301	2 mm thickness	m ²	On the job	160,00
10.330.6302	3 mm thickness	m ²	On the job	240,00
10.330.6303	4 mm thickness	m ²	On the job	325,00
10.330.6304	5 mm thickness	m ²	On the job	405,00
10.330.6305	10 mm thickness	m ²	On the job	805,00
10.330.6306	20 mm thickness	m ²	On the job	1.550,00
10.330.6307	30 mm thickness	m ²	On the job	2.400,00
10.330.6308	HDPE Welding Rod	Kg	On the job	105,00
PP Boards (TS EN ISO 15013) (Any color) (with/without UV resistance) (Prices of other thicknesses shall be interpolated)				
10.330.6321	2 mm thickness	m ²	On the job	152,00
10.330.6322	3 mm thickness	m ²	On the job	223,00
10.330.6323	4 mm thickness	m ²	On the job	305,00
10.330.6324	5 mm thickness	m ²	On the job	395,00
10.330.6325	10 mm thickness	m ²	On the job	775,00
10.330.6326	20 mm thickness	m ²	On the job	1.550,00
10.330.6327	30 mm thickness	m ²	On the job	2.350,00
10.330.6328	PP Welding Rod	Kg	On the job	105,00
HDPE-based Drainage and Protection Boards				
10.330.6401	150 ≤ Pressure Resistance < 200 kN/m ²	m ²	On the job	20,00
10.330.6402	200 ≤ Pressure Resistance < 250 kN/m ²	m ²	On the job	35,00
10.330.6403	250 ≤ Pressure Resistance < 350 kN/m ²	m ²	On the job	50,00
10.330.6404	350 ≤ Pressure Resistance < 450 kN/m ²	m ²	On the job	65,00
10.330.6405	450 ≤ Pressure Resistance < 550 kN/m ²	m ²	On the job	80,00
HDPE-based Geocomposite Drainage and Protection Boards (TS EN 13252)				
10.330.6421	150 ≤ Pressure Resistance < 200 kN/m ²	m ²	On the job	50,00
10.330.6422	200 ≤ Pressure Resistance < 250 kN/m ²	m ²	On the job	72,00
10.330.6423	250 ≤ Pressure Resistance < 350 kN/m ²	m ²	On the job	95,00
10.330.6424	350 ≤ Pressure Resistance < 450 kN/m ²	m ²	On the job	110,00
10.330.6425	450 ≤ Pressure Resistance < 550 kN/m ²	m ²	On the job	130,00
SELF-ADHESIVE METAL INSULATION PINS				
10.330.6441	4 cm long	Quantity	On the job	1,25
10.330.6442	6 cm long	Quantity	On the job	1,65

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.330.6443	10 cm long	Quantity	On the job	1,80
GLASS AND SIMILAR OTHER SUPPLIES				
1- Colorless Glass Sheets (TS EN 572-2)				
10.380.1001	2.2 mm thickness	m ²	On the job	200,00
10.380.1002	3 mm thickness	m ²	On the job	250,00
10.380.1003	4 mm thickness	m ²	On the job	310,00
10.380.1004	5 mm thickness	m ²	On the job	390,00
10.380.1005	6 mm thickness	m ²	On the job	460,00
10.380.1006	8 mm thickness	m ²	On the job	570,00
10.380.1007	10 mm thickness	m ²	On the job	670,00
2- Smoke-gray Glass Sheets (TS EN 572-2)				
10.380.1011	3 mm thickness	m ²	On the job	320,00
10.380.1012	4 mm thickness	m ²	On the job	515,00
10.380.1013	5 mm thickness	m ²	On the job	600,00
10.380.1014	6 mm thickness	m ²	On the job	690,00
10.380.1015	8 mm thickness	m ²	On the job	850,00
10.380.1016	10 mm thickness	m ²	On the job	1.000,00
3- Bronze-colored Glass Sheets (TS EN 572-2)				
10.380.1021	4 mm thickness	m ²	On the job	500,00
10.380.1022	5 mm thickness	m ²	On the job	600,00
10.380.1023	6 mm thickness	m ²	On the job	680,00
10.380.1024	8 mm thickness	m ²	On the job	850,00
10.380.1025	10 mm thickness	m ²	On the job	1.030,00
4- Blue Glass Sheets (TS EN 572-2)				
10.380.1031	4 mm thickness	m ²	On the job	545,00
10.380.1032	6 mm thickness	m ²	On the job	725,00
10.380.1033	8 mm thickness	m ²	On the job	900,00
5- Green Glass Sheets (TS EN 572-2)				
10.380.1041	3 mm thickness	m ²	On the job	320,00
10.380.1042	4 mm thickness	m ²	On the job	515,00
10.380.1043	5 mm thickness	m ²	On the job	600,00
10.380.1044	6 mm thickness	m ²	On the job	710,00
10.380.1045	8 mm thickness	m ²	On the job	875,00
10.380.1046	10 mm thickness	m ²	On the job	1.090,00
6- Sandblasted Glass Sheets (TS EN 572-2)				
10.380.1051	4 mm thickness	m ²	On the job	625,00
10.380.1052	6 mm thickness	m ²	On the job	815,00
10.380.1053	8 mm thickness	m ²	On the job	970,00
7- Low-iron Glass Sheets (TS EN 572-2)				
10.380.1061	4 mm thickness	m ²	On the job	560,00
10.380.1062	5 mm thickness	m ²	On the job	725,00
10.380.1063	6 mm thickness	m ²	On the job	800,00
10.380.1064	8 mm thickness	m ²	On the job	1.070,00
10.380.1065	10 mm thickness	m ²	On the job	1.320,00
10.380.1066	12 mm thickness	m ²	On the job	1.740,00
8- Reflective Solar Control Glasses (TS EN 1096-1, 2, 3, 4)				
10.380.1071	4 mm thickness	m ²	On the job	815,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.380.1072	6 mm thickness	m ²	On the job	1.010,00
10.380.1073	8 mm thickness	m ²	On the job	1.270,00
MIRRORS				
1- Colorless Mirrors (TS EN 1036-1, 2)				
10.380.1201	3 mm thickness	m ²	On the job	385,00
10.380.1202	4 mm thickness	m ²	On the job	460,00
10.380.1203	5 mm thickness	m ²	On the job	550,00
10.380.1204	6 mm thickness	m ²	On the job	610,00
2- Smoke-gray Mirrors (TS EN 1036-1, 2)				
10.380.1211	4 mm thickness	m ²	On the job	550,00
10.380.1212	5 mm thickness	m ²	On the job	635,00
10.380.1213	6 mm thickness	m ²	On the job	695,00
3- Bronze-colored Mirrors (TS EN 1036-1, 2)				
10.380.1221	4 mm thickness	m ²	On the job	550,00
10.380.1222	5 mm thickness	m ²	On the job	640,00
10.380.1223	6 mm thickness	m ²	On the job	700,00
FROSTED GLASSES				
1- Colorless Frosted Glass Sheets (TS EN 572-5)				
10.380.1301	4 mm thickness	m ²	On the job	300,00
2- Colored, Frosted Glass Sheets (TS EN 572-5)				
10.380.1311	4 mm thickness	m ²	On the job	360,00
3- Colorless, Wired, Frosted Glass Sheets (TS EN 572-6)				
10.380.1321	6 mm thickness	m ²	On the job	720,00
LAMINATED GLASSES				
1- Colorless, Clear, 0.38-PVB Laminated Glasses (TS EN ISO 12543-1)				
10.380.1401	3+3 mm thickness	m ²	On the job	850,00
10.380.1402	4+4 mm thickness	m ²	On the job	900,00
10.380.1403	5+5 mm thickness	m ²	On the job	1.080,00
10.380.1404	6+6 mm thickness	m ²	On the job	1.320,00
2- Colorless, Clear, 0.76-PVB Laminated Glasses (TS EN ISO 12543-1)				
10.380.1411	3+3 mm thickness	m ²	On the job	1.150,00
10.380.1412	4+4 mm thickness	m ²	On the job	1.240,00
10.380.1413	5+5 mm thickness	m ²	On the job	1.400,00
10.380.1414	6+6 mm thickness	m ²	On the job	1.750,00
10.380.1415	8+8 mm thickness	m ²	On the job	1.910,00
10.380.1416	10 + 10 mm thickness	m ²	On the job	2.220,00
3- Colorless, Opaque, 0.38-PVB Laminated Glasses (TS EN ISO 12543-1)				
10.380.1421	3+3 mm thickness	m ²	On the job	1.300,00
10.380.1422	4+4 mm thickness	m ²	On the job	1.235,00
10.380.1423	5+5 mm thickness	m ²	On the job	1.500,00
10.380.1424	6+6 mm thickness	m ²	On the job	1.750,00
4- Colorless, Opaque, 0.76-PVB Laminated Glasses (TS EN ISO 12543-1)				
10.380.1431	3+3 mm thickness	m ²	On the job	1.985,00
10.380.1432	4+4 mm thickness	m ²	On the job	1.870,00
10.380.1433	5+5 mm thickness	m ²	On the job	2.150,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.380.1434	6+6 mm thickness	m ²	On the job	2.400,00
5- Colorless, Clear, Acoustic, 0.76-PVB, Laminated Glasses (TS EN ISO 12543-1)				
10.380.1441	3+3 mm thickness	m ²	On the job	1.655,00
10.380.1442	4+4 mm thickness	m ²	On the job	1.910,00
10.380.1443	5+5 mm thickness	m ²	On the job	2.150,00
10.380.1444	6+6 mm thickness	m ²	On the job	2.435,00
6- Colorless, Clear, 0.38-PVB Low-iron, Laminated Glasses (TS EN ISO 12543-1)				
10.380.1451	4+4 mm thickness	m ²	On the job	1.130,00
INSULATION GLASSES (TS EN 1279-1, TS EN 1279-2, TS EN 1279-3, TS EN 1279-4, TS EN 1279-6) (Air (Dry) Filled) Note: If insulation glasses are filled with argon gas, the unit price shall be added TRY 5 for 9-mm spacing, TRY 6 for 12-mm spacing, and TRY 7 for 16-mm spacing.				
9-mm spacing, molded				
10.380.1501	3+3 mm thickness	m ²	On the job	715,00
10.380.1502	4+4 mm thickness	m ²	On the job	735,00
10.380.1503	5+5 mm thickness	m ²	On the job	870,00
10.380.1504	6+6 mm thickness	m ²	On the job	960,00
12-mm spacing, molded				
10.380.1511	3+3 mm thickness	m ²	On the job	740,00
10.380.1512	4+4 mm thickness	m ²	On the job	764,50
10.380.1513	5+5 mm thickness	m ²	On the job	925,00
10.380.1514	6+6 mm thickness	m ²	On the job	990,00
16-mm spacing, molded				
10.380.1521	3+3 mm thickness	m ²	On the job	755,00
10.380.1522	4+4 mm thickness	m ²	On the job	790,00
10.380.1523	5+5 mm thickness	m ²	On the job	929,50
10.380.1524	6+6 mm thickness	m ²	On the job	1.000,00
9-mm spacing, molded (the first glass coated with thermal control layer)				
10.380.1531	4+4 mm thickness	m ²	On the job	800,00
10.380.1532	4+5 mm thickness	m ²	On the job	870,00
10.380.1533	4+6 mm thickness	m ²	On the job	910,00
10.380.1534	6+6 mm thickness	m ²	On the job	1.020,00
10.380.1535	6+4 mm thickness	m ²	On the job	970,00
12-mm spacing, molded (the first glass coated with thermal control layer)				
10.380.1541	4+4 mm thickness	m ²	On the job	810,00
10.380.1542	4+5 mm thickness	m ²	On the job	890,00
10.380.1543	4+6 mm thickness	m ²	On the job	930,00
10.380.1544	6+6 mm thickness	m ²	On the job	1.040,00
10.380.1545	6+4 mm thickness	m ²	On the job	980,00
16-mm spacing, molded (the first glass coated with thermal control layer)				
10.380.1551	4+4 mm thickness	m ²	On the job	850,00
10.380.1552	4+5 mm thickness	m ²	On the job	900,00
10.380.1553	4+6 mm thickness	m ²	On the job	950,00
10.380.1554	6+6 mm thickness	m ²	On the job	1.070,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.380.1555	6+4 mm thickness	m ²	On the job	1.000,00
9-mm spacing, molded (first glass coated with solar and thermal control layer)				
10.380.1561	4+4 mm thickness	m ²	On the job	810,00
10.380.1562	4+5 mm thickness	m ²	On the job	870,00
10.380.1563	4+6 mm thickness	m ²	On the job	915,00
10.380.1564	6+4 mm thickness	m ²	On the job	930,00
10.380.1565	6+5 mm thickness	m ²	On the job	990,00
10.380.1566	6+6 mm thickness	m ²	On the job	1.030,00
12-mm spacing, molded (first glass coated with solar and thermal control layer)				
10.380.1571	4+4 mm thickness	m ²	On the job	840,00
10.380.1572	4+5 mm thickness	m ²	On the job	890,00
10.380.1573	4+6 mm thickness	m ²	On the job	930,00
10.380.1574	6+4 mm thickness	m ²	On the job	940,00
10.380.1575	6+5 mm thickness	m ²	On the job	1.010,00
10.380.1576	6+6 mm thickness	m ²	On the job	1.060,00
16-mm spacing, molded (first glass coated with solar and thermal control layer)				
10.380.1581	4+4 mm thickness	m ²	On the job	915,00
10.380.1582	4+5 mm thickness	m ²	On the job	970,00
10.380.1583	4+6 mm thickness	m ²	On the job	1.000,00
10.380.1584	6+4 mm thickness	m ²	On the job	1.015,00
10.380.1585	6+5 mm thickness	m ²	On the job	1.080,00
10.380.1586	6+6 mm thickness	m ²	On the job	1.150,00
12-mm spacing, molded (the outer glass shall be a tempered reflective solar control glass, and the inner glass shall be a plain glass)				
10.380.1591	6+4 mm thickness	m ²	On the job	1.400,00
10.380.1592	6+5 mm thickness	m ²	On the job	1.470,00
10.380.1593	6+6 mm thickness	m ²	On the job	1.550,00
16-mm spacing, molded (the outer glass shall be a tempered reflective solar control glass, and the inner glass shall be a plain glass)				
10.380.1601	6+4 mm thickness	m ²	On the job	1.530,00
10.380.1602	6+5 mm thickness	m ²	On the job	1.615,00
10.380.1603	6+6 mm thickness	m ²	On the job	1.660,00
10.380.1604	8+8 mm thickness	m ²	On the job	1.840,00
10.380.1605	8+6 mm thickness	m ²	On the job	1.740,00
12-mm spacing, molded (the outer glass shall be a tempered reflective solar control glass, and the inner glass shall be coated with a thermal control layer)				
10.380.1611	6+4 mm thickness	m ²	On the job	1.540,00
10.380.1612	6+5 mm thickness	m ²	On the job	1.644,50
10.380.1613	6+6 mm thickness	m ²	On the job	1.680,00
16-mm spacing, molded (the outer glass shall be a tempered reflective solar control glass, and the inner glass shall be coated with a thermal control layer)				
10.380.1621	6+4 mm thickness	m ²	On the job	1.550,00
10.380.1622	6+5 mm thickness	m ²	On the job	1.650,00
10.380.1623	6+6 mm thickness	m ²	On the job	1.700,00
10.380.1624	8+8 mm thickness	m ²	On the job	2.150,00
10.380.1625	8+6 mm thickness	m ²	On the job	1.950,00
12-mm spacing, molded (The outer glass shall be coated with tempered, neutral, thermal and solar control layers, and the inner glass shall be a plain glass)				

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.380.1631	6+6 mm thickness	m ²	On the job	1.590,00
10.380.1632	8+6 mm thickness	m ²	On the job	1.810,00
10.380.1633	8+8 mm thickness	m ²	On the job	1.950,00
16-mm spacing, molded (The outer glass shall be coated with tempered, neutral, thermal and solar control layers, and the inner glass shall be a plain glass)				
10.380.1641	6+6 mm thickness	m ²	On the job	1.650,00
10.380.1642	8+6 mm thickness	m ²	On the job	1.850,00
10.380.1643	8+8 mm thickness	m ²	On the job	2.000,00
12+12-mm spacing, molded (Three-layer insulation glass with the first layer coated with thermal and solar control glass, the second layer coated with a tempered, colorless, plain glass, and the third layer coated with a thermal control glass.)				
10.380.1651	4+4+4 mm thickness	m ²	On the job	1.500,00
16+16-mm spacing, molded (Three-layer insulation glass with the first layer coated with thermal and solar control glass, the second layer coated with a tempered, colorless, plain glass, and the third layer coated with a thermal control glass.)				
10.380.1661	4+4+4 mm thickness	m ²	On the job	1.550,00
12+12-mm spacing, molded (Three-layer insulation glass with the first layer coated with thermal control glass, the second layer coated with a tempered, colorless, plain glass, and the third layer coated with a thermal control glass.)				
10.380.1671	4+4+4 mm thickness	m ²	On the job	1.440,00
16+16-mm spacing, molded (Three-layer insulation glass with the first layer coated with thermal control glass, the second layer coated with a tempered, colorless, plain glass, and the third layer coated with a thermal control glass.)				
10.380.1681	4+4+4 mm thickness	m ²	On the job	1.470,00
12-mm spacing, molded (The outer glass shall be a tempered, colored solar control glass, and the inner glass shall be a plain glass with a thermal control layer)				
10.380.1691	6 (blue) mm + 6 mm thickness	m ²	On the job	1.402,50
10.380.1692	6 (green) mm + 6 mm thickness	m ²	On the job	1.375,00
10.380.1693	6 (smoke gray) mm + 6 mm thickness	m ²	On the job	1.364,00
10.380.1694	6 (bronze color) mm + 6 mm thickness	m ²	On the job	1.353,00
16-mm spacing, molded (The outer glass shall be a tempered, colored solar control glass, and the inner glass shall be a plain glass with a thermal control layer)				
10.380.1701	6 (blue) mm + 6 mm thickness	m ²	On the job	1.430,00
10.380.1702	6 (green) mm + 6 mm thickness	m ²	On the job	1.391,50
10.380.1703	6 (smoke gray) mm + 6 mm thickness	m ²	On the job	1.375,00
10.380.1704	6 (bronze color) mm + 6 mm thickness	m ²	On the job	1.364,00
12-mm spacing, molded (The first glass coated with a thermal control layer, and the internal glass a colorless, laminated layer)				
10.380.1711	4 + (4+4 - 0.38 PVB, laminated)	m ²	On the job	1.210,00
10.380.1712	6 + (4+4 - 0.38 PVB, laminated)	m ²	On the job	1.320,00
10.380.1713	4 + (5+5 - 0.38 PVB, laminated)	m ²	On the job	1.342,00
10.380.1714	6 + (5+5 - 0.38 PVB, laminated)	m ²	On the job	1.463,00
16-mm spacing, molded (The first glass coated with a thermal control layer, and the internal glass a colorless, laminated layer)				
10.380.1721	4 + (4+4 - 0.38 PVB, laminated)	m ²	On the job	1.243,00
10.380.1722	6 + (4+4 - 0.38 PVB, laminated)	m ²	On the job	1.347,50
10.380.1723	4 + (5+5 - 0.38 PVB, laminated)	m ²	On the job	1.380,50
10.380.1724	6 + (5+5 - 0.38 PVB, laminated)	m ²	On the job	1.490,50
12-mm spacing, molded (The first glass coated with a thermal and solar control layer, and the internal glass a colorless, laminated layer)				
10.380.1731	4 + (4+4 - 0.38 PVB, laminated)	m ²	On the job	1.320,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.380.1732	6 + (4+4 - 0.38 PVB, laminated)	m ²	On the job	1.452,00
10.380.1733	4 + (5+5 - 0.38 PVB, laminated)	m ²	On the job	1.463,00
10.380.1734	6 + (5+5 - 0.38 PVB, laminated)	m ²	On the job	1.573,00
16-mm spacing, molded (The first glass coated with a thermal and solar control layer, and the internal glass a colorless, laminated layer)				
10.380.1741	4 + (4+4 - 0.38 PVB, laminated)	m ²	On the job	1.347,50
10.380.1742	6 + (4+4 - 0.38 PVB, laminated)	m ²	On the job	1.463,00
10.380.1743	4 + (5+5 - 0.38 PVB, laminated)	m ²	On the job	1.490,50
10.380.1744	6 + (5+5 - 0.38 PVB, laminated)	m ²	On the job	1.595,00
12-mm spacing, molded (The outer glass shall be coated with tempered, neutral, thermal control layer, and the inner glass shall be plain glass)				
10.380.1751	4+4 mm thickness	m ²	On the job	1.408,00
10.380.1752	6+6 mm thickness	m ²	On the job	1.716,00
10.380.1753	8+8 mm thickness	m ²	On the job	2.046,00
10.380.1754	8+6 mm thickness	m ²	On the job	1.941,50
16-mm spacing, molded (The outer glass shall be coated with tempered, neutral, thermal control layer, and the inner glass shall be plain glass)				
10.380.1761	4+4 mm thickness	m ²	On the job	1.452,00
10.380.1762	6+6 mm thickness	m ²	On the job	1.782,00
10.380.1763	8+8 mm thickness	m ²	On the job	2.079,00
10.380.1764	8+6 mm thickness	m ²	On the job	1.980,00
Tempered Glasses (TS EN 14321-1, 2)				
10.380.2001	6 mm thickness	m ²	On the job	660,00
10.380.2002	8 mm thickness	m ²	On the job	726,00
10.380.2003	10 mm thickness	m ²	On the job	951,50
Glass, etc. installation materials				
10.380.9981	Glazing wedge	Qty	On the job	2,90
10.380.9982	Silicon (310 ml)	Qty	On the job	225,00
10.380.9983	Silicon (310 ml) (Acid-free - Neutral Silicon)	Qty	On the job	420,00
PVC JOINERY AND METALLIC ACCESSORIES OF DOOR – WINDOW JOINERY				
PLASTIC JOINERY PROFILES (TS EN 12608-1)				
10.400.1001	Metal-reinforced hard PVC joinery profiles	Kg	On the job	20,00
10.400.1002	Aluminum-reinforced hard PVC joinery profiles	Kg	On the job	115,00
10.400.1003	PVC joinery profiles reinforced with composite reinforcement profiles	Kg	On the job	55,00
10.400.1004	Hard PVC joinery profiles reinforced with polymer-based reinforcement component (PRP)	Kg	On the job	65,00
10.400.1005	Non-metal-reinforced hard PVC joinery profiles	Kg	On the job	20,00
10.400.1006	Any kind of hard PVC plastic panel	Kg	On the job	16,50
10.400.1021	EPDM rubber, neoprene or TPE insulation and glass seals and gaskets used for plastic and aluminum joinery	Kg	On the job	42,50
10.400.1022	Installation dowel pin for plastic and aluminum joinery	Qty	On the job	4,30
PVC SUSPENSION RAW MATERIAL				
10.400.1101	PVC suspension raw material	Kg	On the job	33,27
METAL JOINERY HARDWARE				
Metal joinery hardware for doors (Wood, Metal and Plastic)				
10.400.2001	Mortise lock for interior door (Wide type) (TS EN 12209)	Qty	On the job	85,00
10.400.2002	Mortise lock for interior door (Narrow type) (TS EN 12209)	Qty	On the job	85,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.400.2003	Mortise roller lock for interior door (Wide and narrow types) (TS EN 12209)	Qty	On the job	140,00
10.400.2004	Mortise cylinder lock for interior and exterior doors (Wide and narrow types) (TS EN 12209)	Qty	On the job	220,00
10.400.2005	Mortise roller lock for interior and exterior doors (Wide type) (TS EN 12209)	Qty	On the job	220,00
10.400.2006	Mortise roller lock for interior and exterior doors (Narrow type) (TS EN 12209)	Qty	On the job	220,00
10.400.2007	Outer door lock with rim lock (TS EN 12209)	Qty	On the job	250,00
10.400.2008	Door handle and glass panels (Chromated) (TS EN 12209)	Qty	On the job	85,00
10.400.2009	Rubber seal plug	Qty	On the job	15,00
10.400.2010	Hinge	Qty	On the job	15,00
10.400.2011	Spring-loaded hinge	Qty	On the job	135,00
10.400.2012	Door latch (Vertical fixing tools)	Qty	On the job	20,00
10.400.2013	Stop (Nickel-plated)	Qty	On the job	70,00
Metallic accessories for window joinery (Wood, Metal and Plastic)				
10.400.2101	Window bar hardware (Handle lever and other components)	Qty	On the job	75,00
10.400.2102	Transom window hardware (Simple folding mechanism)	Qty	On the job	21,50
10.400.2103	Transom window hardware (Steel folding mechanism, chrome-plated lever and handle)	Qty	On the job	60,00
10.400.2104	Latch (window bar lever and cam) yellow brass screw with insert nut	Qty	On the job	47,50
10.400.2105	Bolt	Qty	On the job	16,50
10.400.2106	Rubber seal plug	Qty	On the job	18,50
10.400.2107	Latch with locking spring	Qty	On the job	22,00
10.400.2108	Counterweight set (Cast knitting wire, complete together with yellow pulley wire sockets)	Kg	On the job	22,00
10.400.2109	Sliding window handle	Qty	On the job	67,50
Clutch window bar hardware (Including lever) (for wood)				
10.400.2121	With two 80-cm clutches (for wood)	Qty	On the job	70,00
10.400.2122	With three 100-cm clutches (for wood)	Qty	On the job	80,00
10.400.2123	With three 120-cm clutches (for wood)	Qty	On the job	95,00
10.400.2124	With three 140-cm clutches (for wood)	Qty	On the job	95,00
10.400.2125	With three 160-cm clutches (for wood)	Qty	On the job	105,00
10.400.2126	With four 180-cm clutches (for wood)	Qty	On the job	110,00
10.400.2127	Hinge	Qty	On the job	20,00
10.400.2128	Continuous hinge	m	On the job	30,00
10.400.2129	Adjustable hinge (Double) Plastic-coated	Qty	On the job	70,00
Metallic accessories for window joinery (Wood, Metal and Plastic) (Subject to written approval of the administration.)				
10.400.2141	Window bar hardware (including handle) Two-clutch, up to 100 cm	Qty	On the job	250,00
10.400.2142	Window bar hardware (including handle) Three-clutch, up to 180 cm	Qty	On the job	300,00
10.400.2143	Window bar hardware (including handle) Four-clutch, larger than 180 cm	Qty	On the job	300,00
10.400.2144	Transom window bar hardware (Including lever and folding mechanism)	Qty	On the job	250,00
Door handle hardware (TS EN 1906, TS EN 12051)				
10.400.2161	Door handle hardware with static paint (with 360 g weight, 40 mm x 220 mm (width x length) panel part, and 1.20 mm wall thickness)	Set	On the job	45,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
Brass door handle hardware (yellow brass with copper alloy)				
10.400.2181	The handle part shall be min. 475 g.	Set	On the job	150,00
10.400.2182	The handle part shall be min. 750 g.	Set	On the job	200,00
10.400.2183	The handle part shall be min. 900 g.	Set	On the job	300,00
	Note: 1- An additional charge of TRY 6.00 shall apply for electrolytic coating in satin, albirifin, smoke gray, or chrome finishes. 2- Two-color satin albirifin coating shall be charged extra 8.50 TRY.			
H- OTHER SUPPLIES				
WIRE, NAILS, SCREWS, ETC.				
10.420.1001	Equipment tying wire	Kg	On the job	26,00
10.420.1002	Poultry netting (Galvanized)	m ²	On the job	26,00
10.420.1003	Fly screen wire (Galvanized)	m ²	On the job	42,00
10.420.1004	Fly screen wire (Plastic)	m ²	On the job	40,00
10.420.1005	Expanded metal	m ²	On the job	30,00
10.420.1006	Nails (TS 155)	Kg	On the job	20,00
10.420.1007	Galvanized nails (TS 155)	Kg	On the job	45,00
10.420.1008	Large-head galvanized nails (TS 155) (Shingle nail)	Kg	On the job	45,00
10.420.1009	Staple (TS 155)	Kg	On the job	40,00
10.420.1010	Wood screws (Small, 144 pcs.) (TS 431)	Box	On the job	55,00
10.420.1011	Wood screws (Big, 144 pcs.) (TS 431)	Box	On the job	62,00
10.420.1012	Screws and plastic dowel pins	Qty	On the job	1,50
10.420.1013	A box in each size (1000 x drywall screws) (made of carbon steel, coated with black phosphate, pointed)	Box	On the job	140,00
10.420.1014	A box in each size (1000 x self-drilling screw) (made of carbon steel, coated with black phosphate, self-drilling)	Box	On the job	210,00
10.420.1015	A box in each size (1000 x drywall screws) (made of carbon steel, coated with black phosphate, pointed) (Corrosion-resistant)	Box	On the job	220,00
10.420.1016	A box in each size (1000 x self-drilling screw) (made of carbon steel, coated with black phosphate, self-drilling) (Corrosion-resistant)	Box	On the job	315,00
BOLTS, PINS, ETC.				
10.420.1051	Bulldog blind bolts	Kg	On the job	18,50
10.420.1052	Bolts	Kg	On the job	21,50
10.420.1053	Bolts (Galvanized)	Kg	On the job	30,00
10.420.1054	Shelf pins with socket	Qty	On the job	1,70
SOLDER AND WIRE NAIL				
10.420.1101	Solder (TS EN ISO 9453)	Kg	On the job	340,00
10.420.1102	Wire nail	Kg	On the job	22,50
BRASS, SCREWS, WASHERS, ETC.				
10.420.1151	Brass wood screws (TS 431) (Small)	Qty	On the job	0,40
10.420.1152	Brass wood screws (TS 431) (Large)	Qty	On the job	0,50
10.420.1153	Nails with a special head for quilting	Qty	On the job	0,80
10.420.1154	Metal washer	Qty	On the job	0,80
GLUES				
10.420.1301	Bone glue (Hot) (TS EN ISO 9665)	Kg	On the job	32,00
10.420.1302	Synthetic glue (TS EN 12765)	Kg	On the job	25,00
10.420.1303	Wallpaper paste	Kg	On the job	50,00
10.420.1304	Special adhesive for wood flooring	Kg	On the job	26,00
10.420.1305	Silicon-based 800 series putty	Kg	On the job	112,00
RAINWATER PIPES, GUTTERS, ETC.				

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.420.1401	Ø70 mm PVC pipe with a bellmouth at one end (rainwater pipe) (TS EN 1329-1+A1, TSE CEN/TS 1329-2)	m	On the job	45,00
10.420.1402	Ø100 mm PVC pipe with a bellmouth at one end (rainwater pipe) (TS EN 1329-1+A1, TSE CEN/TS 1329-2)	m	On the job	72,00
10.420.1403	Ø125 mm PVC pipe with a bellmouth at one end (rainwater pipe) (TS EN 1329-1+A1, TSE CEN/TS 1329-2)	m	On the job	85,00
10.420.1404	Hard PVC roofing strip (skirting)	m	On the job	31,00
10.420.1405	Hard PVC rain gutter (Ø100 mm)	m	On the job	30,00
10.420.1406	Hard PVC rain gutter (Ø150 mm)	m	On the job	52,00
KRAFT HONEYCOMB DOOR CORES				
10.420.1501	32 mm thickness	Qty	On the job	24,00
10.420.1502	35 mm thickness	Qty	On the job	27,00
10.420.1503	36 mm thickness	Qty	On the job	28,00
10.420.1504	37 mm thickness	Qty	On the job	29,00
10.420.1505	38 mm thickness	Qty	On the job	30,00
10.420.1506	39 mm thickness	Qty	On the job	31,00
OTHER HARDWARE, ETC.				
10.420.1511	Straw	Kg	On the job	6,00
10.420.1512	Mosaic polishing stone (Solid brick)	Qty	On the job	72,00
10.420.1513	PVC felt (1 mm)	m ²	On the job	23,50
10.420.1514	Wadding	Kg	On the job	2,60
10.420.1515	High-quality artificial leather	m ²	On the job	32,50
10.420.1516	Strip cord	m	On the job	5,20
10.420.1517	Rubber seal	Qty	On the job	1,70
IMPREGNATION AGENTS				
10.420.1701	Copper triazole-type, water soluble (TS EN 599-1+A1, TS EN 599-2)	Kg	On the job	175,00
10.420.1702	ACQ-type, water soluble (TS EN 599-1+A1, TS EN 599-2)	Kg	On the job	175,00
10.420.1703	Triazole-type, water soluble (TS EN 599-1+A1, TS EN 599-2)	Kg	On the job	65,00
BRIDGE EXPANSION JOINTS WITH STEEL PROFILE AND RUBBER SEAL (As per the relevant specifications)				
Watertight type made of special steel profile anchored to the structure				
10.420.1751	0 to 80 mm in longitudinal axis, with movable, rolled or extruded profile	m	On the job	5.500,00
10.420.1752	0 to 160 mm in longitudinal axis, with movable, rolled or extruded profile	m	On the job	22.000,00
10.420.1753	0 to 240 mm in longitudinal axis, with movable, rolled or extruded profile	m	On the job	31.000,00
10.420.1754	0 to 320 mm in longitudinal axis, with movable, rolled or extruded profile	m	On the job	50.000,00
10.420.1755	0 to 400 mm in longitudinal axis, with movable, rolled or extruded profile	m	On the job	80.000,00
10.420.1771	Bitumen-based bridge expansion joints 0-70-mm elastomeric, modified, bitumen-based, plug-type	m	On the job	7.500,00
ROAD MARKING AGENTS (TS EN 1871)				
10.420.1781	Reflective glass globules (Used for road marking, and reflecting the lights emitted by a light source if the back side is screened appropriately)	Kg	On the job	25,50
10.420.1782	Reflective buttons for road marking	Qty	On the job	65,00
10.420.1783	Fiberglass-reinforced (CTP) Polyester, traffic delineator	Qty	On the job	45,00
ANCHORING CONE TOOLS				
10.420.1801	Anchoring cone tools (Ø12 x 7)	Qty	On the job	140,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.420.1802	Anchoring cone tools (Ø12 x 8)	Qty	On the job	155,00
COAL, FLY ASH, CREOSOTE, etc.				
10.420.1851	Anthracite	Kg	On the job	2,00
10.420.1852	Light aggregate (Sieved clinker)	m³	On the job	4,50
10.420.1853	Fly ash (TS EN 450-1, 2)	Tons	On the job	105,00
10.420.1854	Creosote (TS 4329 EN 13991)	Kg	On the job	7,50
10.420.1855	Hot-applied coal-tar pitch	Kg	On the job	5,00
INFRASTRUCTURE PIPES AND MATERIALS				
DRAINAGE PIPES				
Note: Market Prices of other diameters will be interpolated.				
Tunnel-type drainage pipes (PVC-based) (TS 13492)				
10.440.1001	Ø100 mm nominal diameter	m	Factory	55,00
10.440.1002	Ø150 mm nominal diameter	m	Factory	85,00
10.440.1003	Ø160 mm nominal diameter	m	Factory	95,00
10.440.1004	Ø200 mm nominal diameter	m	Factory	110,00
10.440.1005	Ø315 mm nominal diameter	m	Factory	195,00
10.440.1019	Dedicated parts for each diameter size	Kg	Factory	60,00
Corrugated drainage pipes (PVC-based) (TS 9128)				
10.440.1020	Ø50 mm nominal diameter	m	Factory	12,50
10.440.1021	Ø80 mm nominal diameter	m	Factory	20,00
10.440.1022	Ø100 mm nominal diameter	m	Factory	26,50
10.440.1023	Ø125 mm nominal diameter	m	Factory	45,00
10.440.1024	Ø160 mm nominal diameter	m	Factory	70,00
10.440.1025	Ø200 mm nominal diameter	m	Factory	100,00
10.440.1039	Dedicated parts for each diameter size	Kg	Factory	60,00
Corrugated drainage pipes High-density polyethylene (HDPE) and Polypropylene (PP)-based (TS EN 13476-3) (SN 4)				
10.440.1040	Ø100 mm nominal diameter	m	Factory	70,00
10.440.1041	Ø150 mm nominal diameter	m	Factory	90,00
10.440.1042	Ø200 mm nominal diameter	m	Factory	120,00
10.440.1043	Ø250 mm nominal diameter	m	Factory	160,00
10.440.1044	Ø300 mm nominal diameter	m	Factory	235,00
10.440.1045	Ø400 mm nominal diameter	m	Factory	375,00
10.440.1046	Ø500 mm nominal diameter	m	Factory	620,00
10.440.1047	Ø600 mm nominal diameter	m	Factory	1.000,00
10.440.1048	Ø800 mm nominal diameter	m	Factory	1.700,00
10.440.1049	Ø1,000 mm nominal diameter	m	Factory	2.450,00
10.440.1069	Dedicated parts for each diameter size	Kg	Factory	55,00
Corrugated drainage pipes High-density polyethylene (HDPE) and Polypropylene (PP)-based (TS EN 13476-3) (SN 8)				
10.440.1070	Ø100 mm nominal diameter	m	Factory	85,00
10.440.1071	Ø150 mm nominal diameter	m	Factory	105,00
10.440.1072	Ø200 mm nominal diameter	m	Factory	140,00
10.440.1073	Ø250 mm nominal diameter	m	Factory	210,00
10.440.1074	Ø300 mm nominal diameter	m	Factory	315,00
10.440.1075	Ø400 mm nominal diameter	m	Factory	525,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.1076	Ø500 mm nominal diameter	m	Factory	820,00
10.440.1077	Ø600 mm nominal diameter	m	Factory	1.300,00
10.440.1078	Ø800 mm nominal diameter	m	Factory	2.200,00
10.440.1079	Ø1,000 mm nominal diameter	m	Factory	3.650,00
10.440.1099	Dedicated parts for each diameter size	Kg	Factory	65,00
CORRUGATED SEWAGE PIPES High-density polyethylene (HDPE) and Polypropylene (PP)-based (TS EN 13476-3) Note: Market Prices of other diameters will be interpolated.				
SN 4				
10.440.1150	Ø100 mm nominal diameter	m	Factory	60,00
10.440.1151	Ø125 mm nominal diameter	m	Factory	70,00
10.440.1152	Ø150 mm nominal diameter	m	Factory	80,00
10.440.1153	Ø200 mm nominal diameter	m	Factory	110,00
10.440.1154	Ø250 mm nominal diameter	m	Factory	150,00
10.440.1155	Ø300 mm nominal diameter	m	Factory	210,00
10.440.1156	Ø400 mm nominal diameter	m	Factory	350,00
10.440.1157	Ø500 mm nominal diameter	m	Factory	550,00
10.440.1158	Ø600 mm nominal diameter	m	Factory	900,00
10.440.1159	Ø800 mm nominal diameter	m	Factory	1.500,00
10.440.1160	Ø1,000 mm nominal diameter	m	Factory	2.200,00
10.440.1169	Dedicated parts for each diameter size	Kg	Factory	55,00
SN 8				
10.440.1170	Ø100 mm nominal diameter	m	Factory	72,00
10.440.1171	Ø125 mm nominal diameter	m	Factory	85,00
10.440.1172	Ø150 mm nominal diameter	m	Factory	95,00
10.440.1173	Ø200 mm nominal diameter	m	Factory	130,00
10.440.1174	Ø250 mm nominal diameter	m	Factory	200,00
10.440.1175	Ø300 mm nominal diameter	m	Factory	300,00
10.440.1176	Ø400 mm nominal diameter	m	Factory	500,00
10.440.1177	Ø500 mm nominal diameter	m	Factory	750,00
10.440.1178	Ø600 mm nominal diameter	m	Factory	1.200,00
10.440.1179	Ø800 mm nominal diameter	m	Factory	2.000,00
10.440.1180	Ø1,000 mm nominal diameter	m	Factory	3.400,00
10.440.1199	Dedicated parts for each diameter size	Kg	Factory	65,00
SPIRALLY-WOUND UNDERGROUND RAINWATER AND SEWER PIPES (HDPE-based) (TS 12132) Note: Market Prices of other diameters will be interpolated.				
10.440.1250	Ø500 mm nominal diameter, Type 2	m	Factory	750,00
10.440.1251	Ø600 mm nominal diameter, Type 2	m	Factory	950,00
10.440.1252	Ø800 mm nominal diameter, Type 2	m	Factory	1.200,00
10.440.1253	Ø1000 mm nominal diameter, Type 2	m	Factory	1.900,00
10.440.1254	Ø1200 mm nominal diameter, Type 2	m	Factory	2.900,00
10.440.1255	Ø1400 mm nominal diameter, Type 2	m	Factory	3.880,00
10.440.1256	Ø1500 mm nominal diameter, Type 2	m	Factory	4.700,00
10.440.1257	Ø1600 mm nominal diameter, Type 2	m	Factory	5.300,00
10.440.1258	Ø1800 mm nominal diameter, Type 2	m	Factory	6.700,00
10.440.1259	Ø2000 mm nominal diameter, Type 2	m	Factory	8.500,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.1260	Ø2200 mm nominal diameter, Type 2	m	Factory	9.600,00
10.440.1261	Ø2400 mm nominal diameter, Type 2	m	Factory	12.500,00
10.440.1262	Ø2600 mm nominal diameter, Type 2	m	Factory	16.000,00
10.440.1263	Ø3000 mm nominal diameter, Type 2	m	Factory	30.000,00
10.440.1264	Ø500 mm nominal diameter, Type 3	m	Factory	950,00
10.440.1265	Ø600 mm nominal diameter, Type 3	m	Factory	1.100,00
10.440.1266	Ø800 mm nominal diameter, Type 3	m	Factory	1.600,00
10.440.1267	Ø1000 mm nominal diameter, Type 3	m	Factory	2.600,00
10.440.1268	Ø1200 mm nominal diameter, Type 3	m	Factory	3.800,00
10.440.1269	Ø1400 mm nominal diameter, Type 3	m	Factory	5.000,00
10.440.1270	Ø1500 mm nominal diameter, Type 3	m	Factory	6.200,00
10.440.1271	Ø1600 mm nominal diameter, Type 3	m	Factory	7.000,00
10.440.1272	Ø1800 mm nominal diameter, Type 3	m	Factory	8.500,00
10.440.1273	Ø2000 mm nominal diameter, Type 3	m	Factory	11.500,00
10.440.1274	Ø2200 mm nominal diameter, Type 3	m	Factory	12.500,00
10.440.1275	Ø2400 mm nominal diameter, Type 3	m	Factory	15.000,00
10.440.1276	Ø2600 mm nominal diameter, Type 3	m	Factory	20.000,00
10.440.1277	Ø3000 mm nominal diameter, Type 3	m	Factory	35.000,00
10.440.1278	Ø500 mm nominal diameter, Type 4	m	Factory	1.250,00
10.440.1279	Ø600 mm nominal diameter, Type 4	m	Factory	1.450,00
10.440.1280	Ø800 mm nominal diameter, Type 4	m	Factory	2.000,00
10.440.1281	Ø1000 mm nominal diameter, Type 4	m	Factory	3.300,00
10.440.1282	Ø1200 mm nominal diameter, Type 4	m	Factory	4.900,00
10.440.1283	Ø1400 mm nominal diameter, Type 4	m	Factory	6.500,00
10.440.1284	Ø1500 mm nominal diameter, Type 4	m	Factory	8.000,00
10.440.1285	Ø1600 mm nominal diameter, Type 4	m	Factory	9.000,00
10.440.1286	Ø1800 mm nominal diameter, Type 4	m	Factory	11.000,00
10.440.1287	Ø2000 mm nominal diameter, Type 4	m	Factory	15.000,00
10.440.1288	Ø2200 mm nominal diameter, Type 4	m	Factory	16.250,00
10.440.1289	Ø2400 mm nominal diameter, Type 4	m	Factory	19.500,00
10.440.1290	Ø2600 mm nominal diameter, Type 4	m	Factory	26.000,00
10.440.1291	Ø3000 mm nominal diameter, Type 4	m	Factory	45.000,00
10.440.1292	Ø500 mm nominal diameter, Type 5	m	Factory	1.500,00
10.440.1293	Ø600 mm nominal diameter, Type 5	m	Factory	1.750,00
10.440.1294	Ø800 mm nominal diameter, Type 5	m	Factory	2.400,00
10.440.1295	Ø1000 mm nominal diameter, Type 5	m	Factory	4.000,00
10.440.1296	Ø1200 mm nominal diameter, Type 5	m	Factory	5.750,00
10.440.1297	Ø1400 mm nominal diameter, Type 5	m	Factory	8.000,00
10.440.1298	Ø1500 mm nominal diameter, Type 5	m	Factory	9.500,00
10.440.1299	Ø1600 mm nominal diameter, Type 5	m	Factory	11.000,00
10.440.1300	Ø1800 mm nominal diameter, Type 5	m	Factory	15.000,00
10.440.1301	Ø2000 mm nominal diameter, Type 5	m	Factory	21.000,00
10.440.1302	Ø2200 mm nominal diameter, Type 5	m	Factory	24.000,00
10.440.1303	Ø2400 mm nominal diameter, Type 5	m	Factory	30.000,00
10.440.1304	Ø2600 mm nominal diameter, Type 5	m	Factory	40.000,00
10.440.1305	Ø2800 mm nominal diameter, Type 5	m	Factory	60.000,00
10.440.1306	Ø3000 mm nominal diameter, Type 5	m	Factory	75.000,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.1307	Ø500 mm nominal diameter, Type 6	m	Factory	1.800,00
10.440.1308	Ø600 mm nominal diameter, Type 6	m	Factory	2.100,00
10.440.1309	Ø800 mm nominal diameter, Type 6	m	Factory	2.900,00
10.440.1310	Ø1000 mm nominal diameter, Type 6	m	Factory	5.000,00
10.440.1311	Ø1200 mm nominal diameter, Type 6	m	Factory	7.000,00
10.440.1312	Ø1400 mm nominal diameter, Type 6	m	Factory	11.000,00
10.440.1313	Ø1500 mm nominal diameter, Type 6	m	Factory	12.500,00
10.440.1314	Ø1600 mm nominal diameter, Type 6	m	Factory	15.000,00
10.440.1315	Ø1800 mm nominal diameter, Type 6	m	Factory	19.500,00
10.440.1316	Ø2000 mm nominal diameter, Type 6	m	Factory	25.000,00
10.440.1317	Ø2200 mm nominal diameter, Type 6	m	Factory	28.000,00
10.440.1318	Ø2400 mm nominal diameter, Type 6	m	Factory	36.000,00
10.440.1319	Ø2600 mm nominal diameter, Type 6	m	Factory	48.000,00
10.440.1320	Ø2800 mm nominal diameter, Type 6	m	Factory	69.000,00
10.440.1321	Ø3000 mm nominal diameter, Type 6	m	Factory	90.000,00
10.440.1322	Ø500 mm nominal diameter, Type 7	m	Factory	2.150,00
10.440.1323	Ø600 mm nominal diameter, Type 7	m	Factory	2.500,00
10.440.1324	Ø800 mm nominal diameter, Type 7	m	Factory	3.500,00
10.440.1325	Ø1000 mm nominal diameter, Type 7	m	Factory	6.000,00
10.440.1326	Ø1200 mm nominal diameter, Type 7	m	Factory	9.000,00
10.440.1327	Ø1400 mm nominal diameter, Type 7	m	Factory	12.000,00
10.440.1328	Ø1500 mm nominal diameter, Type 7	m	Factory	14.500,00
10.440.1329	Ø1600 mm nominal diameter, Type 7	m	Factory	16.000,00
10.440.1330	Ø1800 mm nominal diameter, Type 7	m	Factory	20.000,00
10.440.1331	Ø2000 mm nominal diameter, Type 7	m	Factory	27.500,00
10.440.1332	Ø2200 mm nominal diameter, Type 7	m	Factory	30.000,00
10.440.1333	Ø2400 mm nominal diameter, Type 7	m	Factory	38.500,00
10.440.1334	Ø2600 mm nominal diameter, Type 7	m	Factory	51.500,00
10.440.1335	Ø2800 mm nominal diameter, Type 7	m	Factory	82.000,00
10.440.1336	Ø3000 mm nominal diameter, Type 7	m	Factory	108.000,00
10.440.1349	Dedicated parts for each diameter size	Kg	Factory	200,00
STEEL-REINFORCED, SPIRALLY-WOUND UNDERGROUND RAINWATER AND SEWER PIPES (HDPE-based) (ASTM F 2435) Note: Market Prices of other diameters will be interpolated.				
Type SN 8 pipes				
10.440.1400	Ø600 mm nominal diameter	m	Factory	1.900,00
10.440.1401	Ø800 mm nominal diameter	m	Factory	2.450,00
10.440.1402	Ø1,000 mm nominal diameter	m	Factory	4.000,00
10.440.1403	Ø1200 mm nominal diameter	m	Factory	6.000,00
10.440.1404	Ø1400 mm nominal diameter	m	Factory	8.000,00
10.440.1405	Ø1500 mm nominal diameter	m	Factory	9.800,00
10.440.1406	Ø1600 mm nominal diameter	m	Factory	11.000,00
10.440.1407	Ø1800 mm nominal diameter	m	Factory	14.000,00
10.440.1408	Ø2000 mm nominal diameter	m	Factory	18.500,00
10.440.1409	Ø2200 mm nominal diameter	m	Factory	20.000,00
10.440.1410	Ø2400 mm nominal diameter	m	Factory	26.000,00
10.440.1411	Ø2600 mm nominal diameter	m	Factory	35.000,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
Type SN 10 pipes				
10.440.1420	Ø600 mm nominal diameter	m	Factory	2.250,00
10.440.1421	Ø800 mm nominal diameter	m	Factory	2.850,00
10.440.1422	Ø1,000 mm nominal diameter	m	Factory	4.700,00
10.440.1423	Ø1200 mm nominal diameter	m	Factory	7.200,00
10.440.1424	Ø1400 mm nominal diameter	m	Factory	9.600,00
10.440.1425	Ø1500 mm nominal diameter	m	Factory	11.750,00
10.440.1426	Ø1600 mm nominal diameter	m	Factory	13.000,00
10.440.1427	Ø1800 mm nominal diameter	m	Factory	16.500,00
10.440.1428	Ø2000 mm nominal diameter	m	Factory	22.000,00
10.440.1429	Ø2200 mm nominal diameter	m	Factory	23.750,00
10.440.1430	Ø2400 mm nominal diameter	m	Factory	31.000,00
10.440.1431	Ø2600 mm nominal diameter	m	Factory	41.000,00
Type SN 12.5 pipes				
10.440.1440	Ø600 mm nominal diameter	m	Factory	2.500,00
10.440.1441	Ø800 mm nominal diameter	m	Factory	3.200,00
10.440.1442	Ø1,000 mm nominal diameter	m	Factory	5.250,00
10.440.1443	Ø1200 mm nominal diameter	m	Factory	7.850,00
10.440.1444	Ø1400 mm nominal diameter	m	Factory	10.000,00
10.440.1445	Ø1500 mm nominal diameter	m	Factory	12.250,00
10.440.1446	Ø1600 mm nominal diameter	m	Factory	13.800,00
10.440.1447	Ø1800 mm nominal diameter	m	Factory	17.500,00
10.440.1448	Ø2000 mm nominal diameter	m	Factory	23.250,00
10.440.1449	Ø2200 mm nominal diameter	m	Factory	25.000,00
10.440.1450	Ø2400 mm nominal diameter	m	Factory	32.500,00
10.440.1451	Ø2600 mm nominal diameter	m	Factory	43.500,00
Type SN 16 pipes				
10.440.1460	Ø600 mm nominal diameter	m	Factory	2.850,00
10.440.1461	Ø800 mm nominal diameter	m	Factory	3.600,00
10.440.1462	Ø1,000 mm nominal diameter	m	Factory	5.950,00
10.440.1463	Ø1200 mm nominal diameter	m	Factory	9.000,00
10.440.1464	Ø1400 mm nominal diameter	m	Factory	11.500,00
10.440.1465	Ø1500 mm nominal diameter	m	Factory	13.750,00
10.440.1466	Ø1600 mm nominal diameter	m	Factory	15.500,00
10.440.1467	Ø1800 mm nominal diameter	m	Factory	19.500,00
10.440.1468	Ø2000 mm nominal diameter	m	Factory	26.000,00
10.440.1469	Ø2200 mm nominal diameter	m	Factory	28.000,00
10.440.1470	Ø2400 mm nominal diameter	m	Factory	36.000,00
10.440.1471	Ø2600 mm nominal diameter	m	Factory	48.500,00
10.440.1499	Dedicated parts for each diameter size	Kg	Factory	170,00
HARD PVC SEWER PIPES (TS EN 1401-1 + A1, TSE CEN/TS 1401-2) (including the price of the seal) Note: Market Prices of other diameters will be interpolated.				
Slip-on Bellmouth Pipes				
Type SN 2 SDR 51 pipes				
10.440.1550	Ø110 mm nominal diameter	m	Factory	125,00
10.440.1551	Ø125 mm nominal diameter	m	Factory	150,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.1552	Ø160 mm nominal diameter	m	Factory	235,00
10.440.1553	Ø200 mm nominal diameter	m	Factory	355,00
10.440.1554	Ø250 mm nominal diameter	m	Factory	565,00
10.440.1555	Ø315 mm nominal diameter	m	Factory	850,00
10.440.1556	Ø400 mm nominal diameter	m	Factory	1.360,00
10.440.1557	Ø500 mm nominal diameter	m	Factory	2.180,00
10.440.1558	Ø630 mm nominal diameter	m	Factory	3.400,00
10.440.1559	Ø710 mm nominal diameter	m	Factory	4.650,00
10.440.1560	Ø800 mm nominal diameter	m	Factory	5.600,00
10.440.1561	Ø1,000 mm nominal diameter	m	Factory	8.800,00
Type SN 4 SDR 41 pipes				
10.440.1570	Ø110 mm nominal diameter	m	Factory	140,00
10.440.1571	Ø125 mm nominal diameter	m	Factory	165,00
10.440.1572	Ø160 mm nominal diameter	m	Factory	260,00
10.440.1573	Ø200 mm nominal diameter	m	Factory	390,00
10.440.1574	Ø250 mm nominal diameter	m	Factory	620,00
10.440.1575	Ø315 mm nominal diameter	m	Factory	940,00
10.440.1576	Ø400 mm nominal diameter	m	Factory	1.500,00
10.440.1577	Ø500 mm nominal diameter	m	Factory	2.400,00
10.440.1578	Ø630 mm nominal diameter	m	Factory	3.750,00
10.440.1579	Ø710 mm nominal diameter	m	Factory	5.100,00
10.440.1580	Ø800 mm nominal diameter	m	Factory	6.200,00
10.440.1581	Ø1,000 mm nominal diameter	m	Factory	9.700,00
Type SN 8 SDR 34 pipes				
10.440.1590	Ø110 mm nominal diameter	m	Factory	155,00
10.440.1591	Ø125 mm nominal diameter	m	Factory	180,00
10.440.1592	Ø160 mm nominal diameter	m	Factory	285,00
10.440.1593	Ø200 mm nominal diameter	m	Factory	430,00
10.440.1594	Ø250 mm nominal diameter	m	Factory	685,00
10.440.1595	Ø315 mm nominal diameter	m	Factory	1.030,00
10.440.1596	Ø400 mm nominal diameter	m	Factory	1.650,00
10.440.1597	Ø500 mm nominal diameter	m	Factory	2.650,00
10.440.1598	Ø630 mm nominal diameter	m	Factory	4.100,00
10.440.1599	Ø710 mm nominal diameter	m	Factory	5.600,00
10.440.1600	Ø800 mm nominal diameter	m	Factory	6.800,00
10.440.1601	Ø1,000 mm nominal diameter	m	Factory	10.500,00
10.440.1649	Dedicated parts for each diameter size	Kg	Factory	65,00
POTABLE AND UTILITY WATER PIPES MADE OF PE 100 POLYETHYLENE (TS EN 12201-2) Note: Market Prices of other diameters will be interpolated.				
Resistance to 4 ATM of pressure				
10.440.1750	Ø 315 mm nominal diameter	m	Factory	500,00
10.440.1751	Ø 355 mm nominal diameter	m	Factory	640,00
10.440.1752	Ø 400 mm nominal diameter	m	Factory	810,00
10.440.1753	Ø 450 mm nominal diameter	m	Factory	1.020,00
10.440.1754	Ø 500 mm nominal diameter	m	Factory	1.250,00
10.440.1755	Ø 630 mm nominal diameter	m	Factory	2.000,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.1756	Ø710 mm nominal diameter	m	Factory	2.500,00
10.440.1757	Ø 800 mm nominal diameter	m	Factory	3.200,00
10.440.1758	Ø900 mm nominal diameter	m	Factory	4.100,00
10.440.1759	Ø1,000 mm nominal diameter	m	Factory	5.000,00
10.440.1760	Ø1200 mm nominal diameter	m	Factory	7.500,00
Resistance to 5 ATM of pressure				
10.440.1770	Ø63 mm nominal diameter	m	Factory	28,00
10.440.1771	Ø 315 mm nominal diameter	m	Factory	630,00
10.440.1772	Ø 400 mm nominal diameter	m	Factory	1.000,00
10.440.1773	Ø 500 mm nominal diameter	m	Factory	1.550,00
10.440.1774	Ø 630 mm nominal diameter	m	Factory	2.500,00
10.440.1775	Ø 800 mm nominal diameter	m	Factory	4.000,00
10.440.1776	Ø1,000 mm nominal diameter	m	Factory	6.250,00
Resistance to 6 ATM of pressure				
10.440.1790	Ø 50 mm nominal diameter	m	Factory	20,50
10.440.1791	Ø63 mm nominal diameter	m	Factory	33,00
10.440.1792	Ø 75 mm nominal diameter	m	Factory	45,00
10.440.1793	Ø90 mm nominal diameter	m	Factory	65,00
10.440.1794	Ø 110 mm nominal diameter	m	Factory	95,00
10.440.1795	Ø125 mm nominal diameter	m	Factory	123,00
10.440.1796	Ø140 mm nominal diameter	m	Factory	155,00
10.440.1797	Ø 160 mm nominal diameter	m	Factory	205,00
10.440.1798	Ø180 mm nominal diameter	m	Factory	255,00
10.440.1799	Ø 200 mm nominal diameter	m	Factory	315,00
10.440.1800	Ø225 mm nominal diameter	m	Factory	395,00
10.440.1801	Ø 250 mm nominal diameter	m	Factory	490,00
10.440.1802	Ø280 mm nominal diameter	m	Factory	615,00
10.440.1803	Ø 315 mm nominal diameter	m	Factory	780,00
10.440.1804	Ø 355 mm nominal diameter	m	Factory	990,00
10.440.1805	Ø 400 mm nominal diameter	m	Factory	1.250,00
10.440.1806	Ø 450 mm nominal diameter	m	Factory	1.590,00
10.440.1807	Ø 500 mm nominal diameter	m	Factory	1.960,00
10.440.1808	Ø 560 mm nominal diameter	m	Factory	2.450,00
10.440.1809	Ø 630 mm nominal diameter	m	Factory	3.100,00
10.440.1810	Ø710 mm nominal diameter	m	Factory	3.950,00
10.440.1811	Ø 800 mm nominal diameter	m	Factory	5.150,00
10.440.1812	Ø900 mm nominal diameter	m	Factory	6.350,00
10.440.1813	Ø1,000 mm nominal diameter	m	Factory	7.800,00
Resistance to 8 ATM of pressure				
10.440.1830	Ø40 mm nominal diameter	m	Factory	16,00
10.440.1831	Ø63 mm nominal diameter	m	Factory	38,00
10.440.1832	Ø90 mm nominal diameter	m	Factory	78,00
10.440.1833	Ø 110 mm nominal diameter	m	Factory	118,00
10.440.1834	Ø125 mm nominal diameter	m	Factory	150,00
10.440.1835	Ø140 mm nominal diameter	m	Factory	190,00
10.440.1836	Ø 160 mm nominal diameter	m	Factory	245,00
10.440.1837	Ø180 mm nominal diameter	m	Factory	310,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.1838	Ø 200 mm nominal diameter	m	Factory	385,00
10.440.1839	Ø225 mm nominal diameter	m	Factory	490,00
10.440.1840	Ø 250 mm nominal diameter	m	Factory	600,00
10.440.1841	Ø280 mm nominal diameter	m	Factory	750,00
10.440.1842	Ø 315 mm nominal diameter	m	Factory	950,00
10.440.1843	Ø 355 mm nominal diameter	m	Factory	1.200,00
10.440.1844	Ø 400 mm nominal diameter	m	Factory	1.540,00
10.440.1845	Ø 450 mm nominal diameter	m	Factory	1.950,00
10.440.1846	Ø 500 mm nominal diameter	m	Factory	2.400,00
10.440.1847	Ø 560 mm nominal diameter	m	Factory	3.000,00
10.440.1848	Ø 630 mm nominal diameter	m	Factory	3.800,00
10.440.1849	Ø710 mm nominal diameter	m	Factory	4.850,00
10.440.1850	Ø 800 mm nominal diameter	m	Factory	6.150,00
10.440.1851	Ø900 mm nominal diameter	m	Factory	7.800,00
10.440.1852	Ø1,000 mm nominal diameter	m	Factory	9.600,00
Resistance to 10 ATM of pressure				
10.440.1870	Ø 32 mm nominal diameter	m	Factory	12,50
10.440.1871	Ø40 mm nominal diameter	m	Factory	19,50
10.440.1872	Ø 50 mm nominal diameter	m	Factory	30,00
10.440.1873	Ø63 mm nominal diameter	m	Factory	47,50
10.440.1874	Ø 75 mm nominal diameter	m	Factory	67,00
10.440.1875	Ø90 mm nominal diameter	m	Factory	95,00
10.440.1876	Ø 110 mm nominal diameter	m	Factory	145,00
10.440.1877	Ø125 mm nominal diameter	m	Factory	185,00
10.440.1878	Ø140 mm nominal diameter	m	Factory	230,00
10.440.1879	Ø 160 mm nominal diameter	m	Factory	300,00
10.440.1880	Ø180 mm nominal diameter	m	Factory	380,00
10.440.1881	Ø 200 mm nominal diameter	m	Factory	465,00
10.440.1882	Ø225 mm nominal diameter	m	Factory	590,00
10.440.1883	Ø 250 mm nominal diameter	m	Factory	720,00
10.440.1884	Ø280 mm nominal diameter	m	Factory	920,00
10.440.1885	Ø 315 mm nominal diameter	m	Factory	1.160,00
10.440.1886	Ø 355 mm nominal diameter	m	Factory	1.475,00
10.440.1887	Ø 400 mm nominal diameter	m	Factory	1.870,00
10.440.1888	Ø 450 mm nominal diameter	m	Factory	2.370,00
10.440.1889	Ø 500 mm nominal diameter	m	Factory	2.920,00
10.440.1890	Ø 560 mm nominal diameter	m	Factory	3.670,00
10.440.1891	Ø 630 mm nominal diameter	m	Factory	4.540,00
10.440.1892	Ø710 mm nominal diameter	m	Factory	5.680,00
10.440.1893	Ø 800 mm nominal diameter	m	Factory	7.250,00
10.440.1894	Ø900 mm nominal diameter	m	Factory	10.000,00
10.440.1895	Ø1,000 mm nominal diameter	m	Factory	12.000,00
10.440.1896	Ø1200 mm nominal diameter	m	Factory	18.000,00
Resistance to 12.5 ATM of pressure				
10.440.1910	Ø 25 mm nominal diameter	m	Factory	10,00
10.440.1911	Ø 32 mm nominal diameter	m	Factory	15,50
10.440.1912	Ø40 mm nominal diameter	m	Factory	24,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.1913	Ø 50 mm nominal diameter	m	Factory	36,50
10.440.1914	Ø63 mm nominal diameter	m	Factory	57,50
10.440.1915	Ø 75 mm nominal diameter	m	Factory	81,50
10.440.1916	Ø90 mm nominal diameter	m	Factory	116,00
10.440.1917	Ø 110 mm nominal diameter	m	Factory	172,00
10.440.1918	Ø125 mm nominal diameter	m	Factory	222,00
10.440.1919	Ø140 mm nominal diameter	m	Factory	277,00
10.440.1920	Ø 160 mm nominal diameter	m	Factory	362,00
10.440.1921	Ø180 mm nominal diameter	m	Factory	460,00
10.440.1922	Ø 200 mm nominal diameter	m	Factory	565,00
10.440.1923	Ø225 mm nominal diameter	m	Factory	720,00
10.440.1924	Ø 250 mm nominal diameter	m	Factory	880,00
10.440.1925	Ø280 mm nominal diameter	m	Factory	1.115,00
10.440.1926	Ø 315 mm nominal diameter	m	Factory	1.420,00
10.440.1927	Ø 355 mm nominal diameter	m	Factory	1.800,00
10.440.1928	Ø 400 mm nominal diameter	m	Factory	2.280,00
10.440.1929	Ø 450 mm nominal diameter	m	Factory	2.880,00
10.440.1930	Ø 500 mm nominal diameter	m	Factory	3.550,00
10.440.1931	Ø 560 mm nominal diameter	m	Factory	4.475,00
10.440.1932	Ø 630 mm nominal diameter	m	Factory	5.660,00
10.440.1933	Ø710 mm nominal diameter	m	Factory	7.000,00
10.440.1934	Ø 800 mm nominal diameter	m	Factory	9.000,00
10.440.1935	Ø900 mm nominal diameter	m	Factory	11.500,00
10.440.1936	Ø1,000 mm nominal diameter	m	Factory	14.500,00
10.440.1937	Ø1200 mm nominal diameter	m	Factory	21.000,00
Resistance to 16 ATM of pressure				
10.440.1950	Ø20 mm nominal diameter	m	Factory	8,00
10.440.1951	Ø 32 mm nominal diameter	m	Factory	18,50
10.440.1952	Ø40 mm nominal diameter	m	Factory	29,00
10.440.1953	Ø 50 mm nominal diameter	m	Factory	44,00
10.440.1954	Ø63 mm nominal diameter	m	Factory	69,50
10.440.1955	Ø 75 mm nominal diameter	m	Factory	97,00
10.440.1956	Ø90 mm nominal diameter	m	Factory	140,00
10.440.1957	Ø 110 mm nominal diameter	m	Factory	208,00
10.440.1958	Ø125 mm nominal diameter	m	Factory	270,00
10.440.1959	Ø140 mm nominal diameter	m	Factory	335,00
10.440.1960	Ø 160 mm nominal diameter	m	Factory	440,00
10.440.1961	Ø180 mm nominal diameter	m	Factory	555,00
10.440.1962	Ø 200 mm nominal diameter	m	Factory	685,00
10.440.1963	Ø225 mm nominal diameter	m	Factory	870,00
10.440.1964	Ø 250 mm nominal diameter	m	Factory	1.070,00
10.440.1965	Ø280 mm nominal diameter	m	Factory	1.350,00
10.440.1966	Ø 315 mm nominal diameter	m	Factory	1.710,00
10.440.1967	Ø 355 mm nominal diameter	m	Factory	2.170,00
10.440.1968	Ø 400 mm nominal diameter	m	Factory	2.760,00
10.440.1969	Ø 450 mm nominal diameter	m	Factory	3.500,00
10.440.1970	Ø 500 mm nominal diameter	m	Factory	4.300,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.1971	Ø 560 mm nominal diameter	m	Factory	5.400,00
10.440.1972	Ø 630 mm nominal diameter	m	Factory	6.700,00
10.440.1973	Ø710 mm nominal diameter	m	Factory	8.700,00
10.440.1974	Ø 800 mm nominal diameter	m	Factory	11.000,00
10.440.1975	Ø900 mm nominal diameter	m	Factory	14.500,00
10.440.1976	Ø1,000 mm nominal diameter	m	Factory	18.500,00
10.440.1977	Ø1200 mm nominal diameter	m	Factory	30.000,00
Resistance to 20 ATM of pressure				
10.440.1990	Ø 16 mm nominal diameter	m	Factory	8,00
10.440.1991	Ø 25 mm nominal diameter	m	Factory	14,00
10.440.1992	Ø 32 mm nominal diameter	m	Factory	22,00
10.440.1993	Ø40 mm nominal diameter	m	Factory	34,00
10.440.1994	Ø 50 mm nominal diameter	m	Factory	52,50
10.440.1995	Ø63 mm nominal diameter	m	Factory	83,00
10.440.1996	Ø 75 mm nominal diameter	m	Factory	116,00
10.440.1997	Ø90 mm nominal diameter	m	Factory	165,00
10.440.1998	Ø 110 mm nominal diameter	m	Factory	250,00
10.440.1999	Ø125 mm nominal diameter	m	Factory	325,00
10.440.2000	Ø140 mm nominal diameter	m	Factory	405,00
10.440.2001	Ø 160 mm nominal diameter	m	Factory	530,00
10.440.2002	Ø180 mm nominal diameter	m	Factory	665,00
10.440.2003	Ø 200 mm nominal diameter	m	Factory	825,00
10.440.2004	Ø225 mm nominal diameter	m	Factory	1.050,00
10.440.2005	Ø 250 mm nominal diameter	m	Factory	1.280,00
10.440.2006	Ø280 mm nominal diameter	m	Factory	1.625,00
10.440.2007	Ø 315 mm nominal diameter	m	Factory	2.050,00
10.440.2008	Ø 355 mm nominal diameter	m	Factory	2.650,00
10.440.2009	Ø 400 mm nominal diameter	m	Factory	3.320,00
10.440.2010	Ø 450 mm nominal diameter	m	Factory	4.200,00
10.440.2011	Ø 500 mm nominal diameter	m	Factory	5.170,00
10.440.2012	Ø 560 mm nominal diameter	m	Factory	6.460,00
10.440.2013	Ø 630 mm nominal diameter	m	Factory	8.240,00
10.440.2014	Ø710 mm nominal diameter	m	Factory	11.000,00
10.440.2015	Ø 800 mm nominal diameter	m	Factory	14.000,00
Resistance to 25 ATM of pressure				
10.440.2030	Ø 16 mm nominal diameter	m	Factory	9,00
10.440.2031	Ø 25 mm nominal diameter	m	Factory	16,00
10.440.2032	Ø 32 mm nominal diameter	m	Factory	26,00
10.440.2033	Ø40 mm nominal diameter	m	Factory	40,00
10.440.2034	Ø 50 mm nominal diameter	m	Factory	61,50
10.440.2035	Ø63 mm nominal diameter	m	Factory	97,00
10.440.2036	Ø 75 mm nominal diameter	m	Factory	138,00
10.440.2037	Ø90 mm nominal diameter	m	Factory	197,00
10.440.2038	Ø 110 mm nominal diameter	m	Factory	295,00
10.440.2039	Ø125 mm nominal diameter	m	Factory	390,00
10.440.2040	Ø140 mm nominal diameter	m	Factory	480,00
10.440.2041	Ø 160 mm nominal diameter	m	Factory	640,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.2042	Ø180 mm nominal diameter	m	Factory	800,00
10.440.2043	Ø 200 mm nominal diameter	m	Factory	970,00
10.440.2044	Ø225 mm nominal diameter	m	Factory	1.230,00
10.440.2045	Ø 250 mm nominal diameter	m	Factory	1.520,00
10.440.2046	Ø280 mm nominal diameter	m	Factory	1.930,00
10.440.2047	Ø 315 mm nominal diameter	m	Factory	2.450,00
10.440.2048	Ø 355 mm nominal diameter	m	Factory	3.100,00
10.440.2049	Ø 400 mm nominal diameter	m	Factory	3.950,00
10.440.2050	Ø 450 mm nominal diameter	m	Factory	5.000,00
10.440.2051	Ø 500 mm nominal diameter	m	Factory	6.200,00
10.440.2052	Ø 560 mm nominal diameter	m	Factory	7.200,00
10.440.2053	Ø 630 mm nominal diameter	m	Factory	9.000,00
10.440.2099	Dedicated parts for each diameter size	Kg	Factory	95,00
POTABLE WATER PIPES MADE OF HARD PVC PLASTIC (U-PVC) (TS EN ISO 1452-1, TS EN ISO 1452-2) (seals included) Note: Market Prices of other diameters will be interpolated.				
Slip-on Bellmouth Pipes				
Resistance to 6 ATM of pressure				
10.440.2150	Ø 50 mm nominal diameter	m	Factory	30,00
10.440.2151	Ø63 mm nominal diameter	m	Factory	45,00
10.440.2152	Ø 75 mm nominal diameter	m	Factory	63,00
10.440.2153	Ø90 mm nominal diameter	m	Factory	90,00
10.440.2154	Ø 110 mm nominal diameter	m	Factory	108,00
10.440.2155	Ø125 mm nominal diameter	m	Factory	140,00
10.440.2156	Ø140 mm nominal diameter	m	Factory	175,00
10.440.2157	Ø 160 mm nominal diameter	m	Factory	220,00
10.440.2158	Ø180 mm nominal diameter	m	Factory	275,00
10.440.2159	Ø 200 mm nominal diameter	m	Factory	350,00
10.440.2160	Ø225 mm nominal diameter	m	Factory	430,00
10.440.2161	Ø 250 mm nominal diameter	m	Factory	550,00
10.440.2162	Ø280 mm nominal diameter	m	Factory	700,00
10.440.2163	Ø 315 mm nominal diameter	m	Factory	900,00
10.440.2164	Ø 355 mm nominal diameter	m	Factory	1.200,00
10.440.2165	Ø 400 mm nominal diameter	m	Factory	1.600,00
10.440.2166	Ø 450 mm nominal diameter	m	Factory	2.000,00
10.440.2167	Ø 500 mm nominal diameter	m	Factory	2.500,00
10.440.2168	Ø 630 mm nominal diameter	m	Factory	4.000,00
Resistance to 8 ATM of pressure				
10.440.2190	Ø 32 mm nominal diameter	m	Factory	20,00
10.440.2191	Ø40 mm nominal diameter	m	Factory	30,00
10.440.2192	Ø 50 mm nominal diameter	m	Factory	42,00
10.440.2193	Ø63 mm nominal diameter	m	Factory	60,00
10.440.2194	Ø 75 mm nominal diameter	m	Factory	85,00
10.440.2195	Ø90 mm nominal diameter	m	Factory	125,00
10.440.2196	Ø 110 mm nominal diameter	m	Factory	150,00
10.440.2197	Ø125 mm nominal diameter	m	Factory	195,00
10.440.2198	Ø140 mm nominal diameter	m	Factory	245,00
10.440.2199	Ø 160 mm nominal diameter	m	Factory	300,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.2200	Ø180 mm nominal diameter	m	Factory	380,00
10.440.2201	Ø 200 mm nominal diameter	m	Factory	490,00
10.440.2202	Ø225 mm nominal diameter	m	Factory	600,00
10.440.2203	Ø 250 mm nominal diameter	m	Factory	770,00
10.440.2204	Ø280 mm nominal diameter	m	Factory	980,00
10.440.2205	Ø 315 mm nominal diameter	m	Factory	1.250,00
10.440.2206	Ø 355 mm nominal diameter	m	Factory	1.680,00
10.440.2207	Ø 400 mm nominal diameter	m	Factory	2.200,00
10.440.2208	Ø 450 mm nominal diameter	m	Factory	2.800,00
10.440.2209	Ø 500 mm nominal diameter	m	Factory	3.500,00
10.440.2210	Ø 630 mm nominal diameter	m	Factory	5.500,00
Resistance to 16 ATM of pressure				
10.440.2230	Ø 32 mm nominal diameter	m	Factory	27,00
10.440.2231	Ø40 mm nominal diameter	m	Factory	40,00
10.440.2232	Ø 50 mm nominal diameter	m	Factory	55,00
10.440.2233	Ø63 mm nominal diameter	m	Factory	80,00
10.440.2234	Ø 75 mm nominal diameter	m	Factory	115,00
10.440.2235	Ø90 mm nominal diameter	m	Factory	165,00
10.440.2236	Ø 110 mm nominal diameter	m	Factory	200,00
10.440.2237	Ø125 mm nominal diameter	m	Factory	260,00
10.440.2238	Ø140 mm nominal diameter	m	Factory	330,00
10.440.2239	Ø 160 mm nominal diameter	m	Factory	400,00
10.440.2240	Ø180 mm nominal diameter	m	Factory	510,00
10.440.2241	Ø 200 mm nominal diameter	m	Factory	660,00
10.440.2242	Ø225 mm nominal diameter	m	Factory	800,00
10.440.2243	Ø 250 mm nominal diameter	m	Factory	1.000,00
10.440.2244	Ø280 mm nominal diameter	m	Factory	1.300,00
10.440.2245	Ø 315 mm nominal diameter	m	Factory	1.650,00
10.440.2246	Ø 355 mm nominal diameter	m	Factory	2.250,00
10.440.2247	Ø 400 mm nominal diameter	m	Factory	2.950,00
10.440.2248	Ø 450 mm nominal diameter	m	Factory	3.750,00
10.440.2249	Ø 500 mm nominal diameter	m	Factory	4.700,00
10.440.2269	Dedicated parts for each diameter size	Kg	Factory	41,00
Stick-on Bellmouth Pipes				
Resistance to 6 ATM of pressure				
10.440.2270	Ø 50 mm nominal diameter	m	Factory	29,00
10.440.2271	Ø63 mm nominal diameter	m	Factory	44,00
10.440.2272	Ø 75 mm nominal diameter	m	Factory	62,00
10.440.2273	Ø90 mm nominal diameter	m	Factory	88,00
10.440.2274	Ø 110 mm nominal diameter	m	Factory	105,00
10.440.2275	Ø125 mm nominal diameter	m	Factory	135,00
10.440.2276	Ø140 mm nominal diameter	m	Factory	170,00
10.440.2277	Ø 160 mm nominal diameter	m	Factory	210,00
10.440.2278	Ø180 mm nominal diameter	m	Factory	260,00
10.440.2279	Ø 200 mm nominal diameter	m	Factory	330,00
10.440.2280	Ø225 mm nominal diameter	m	Factory	410,00
10.440.2281	Ø 250 mm nominal diameter	m	Factory	520,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.2282	Ø280 mm nominal diameter	m	Factory	670,00
10.440.2283	Ø 315 mm nominal diameter	m	Factory	850,00
10.440.2284	Ø 355 mm nominal diameter	m	Factory	1.100,00
10.440.2285	Ø 400 mm nominal diameter	m	Factory	1.500,00
Resistance to 10 ATM of pressure				
10.440.2300	Ø 50 mm nominal diameter	m	Factory	41,00
10.440.2301	Ø63 mm nominal diameter	m	Factory	58,00
10.440.2302	Ø 75 mm nominal diameter	m	Factory	82,00
10.440.2303	Ø90 mm nominal diameter	m	Factory	122,00
10.440.2304	Ø 110 mm nominal diameter	m	Factory	145,00
10.440.2305	Ø125 mm nominal diameter	m	Factory	190,00
10.440.2306	Ø140 mm nominal diameter	m	Factory	240,00
10.440.2307	Ø 160 mm nominal diameter	m	Factory	290,00
10.440.2308	Ø180 mm nominal diameter	m	Factory	370,00
10.440.2309	Ø 200 mm nominal diameter	m	Factory	470,00
10.440.2310	Ø225 mm nominal diameter	m	Factory	570,00
10.440.2311	Ø 250 mm nominal diameter	m	Factory	720,00
10.440.2312	Ø280 mm nominal diameter	m	Factory	930,00
10.440.2313	Ø 315 mm nominal diameter	m	Factory	1.150,00
10.440.2314	Ø 355 mm nominal diameter	m	Factory	1.550,00
10.440.2315	Ø 400 mm nominal diameter	m	Factory	2.000,00
Resistance to 16 ATM of pressure				
10.440.2330	Ø 50 mm nominal diameter	m	Factory	54,00
10.440.2331	Ø63 mm nominal diameter	m	Factory	78,00
10.440.2332	Ø 75 mm nominal diameter	m	Factory	112,00
10.440.2333	Ø90 mm nominal diameter	m	Factory	160,00
10.440.2334	Ø 110 mm nominal diameter	m	Factory	195,00
10.440.2335	Ø125 mm nominal diameter	m	Factory	250,00
10.440.2336	Ø140 mm nominal diameter	m	Factory	320,00
10.440.2337	Ø 160 mm nominal diameter	m	Factory	380,00
10.440.2338	Ø180 mm nominal diameter	m	Factory	480,00
10.440.2339	Ø 200 mm nominal diameter	m	Factory	640,00
10.440.2340	Ø225 mm nominal diameter	m	Factory	750,00
10.440.2341	Ø 250 mm nominal diameter	m	Factory	950,00
10.440.2342	Ø280 mm nominal diameter	m	Factory	1.220,00
10.440.2343	Ø 315 mm nominal diameter	m	Factory	1.550,00
10.440.2344	Ø 355 mm nominal diameter	m	Factory	2.100,00
10.440.2345	Ø 400 mm nominal diameter	m	Factory	2.800,00
10.440.2399	Dedicated parts for each diameter size	Kg	Factory	40,00
POTABLE WATER PIPES MADE OF HARD PVC PLASTIC (U-PVC) (PVC with lead-free raw material) (TS EN ISO 1452-1, TS EN ISO 1452-2) (seals included) Note: Market Prices of other diameters will be interpolated.				
Slip-on Bellmouth Pipes				
Resistance to 6 ATM of pressure				
10.440.2450	Ø 50 mm nominal diameter	m	Factory	30,50
10.440.2451	Ø63 mm nominal diameter	m	Factory	46,00
10.440.2452	Ø 75 mm nominal diameter	m	Factory	64,20

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.2453	Ø90 mm nominal diameter	m	Factory	91,50
10.440.2454	Ø 110 mm nominal diameter	m	Factory	110,00
10.440.2455	Ø125 mm nominal diameter	m	Factory	142,50
10.440.2456	Ø140 mm nominal diameter	m	Factory	178,50
10.440.2457	Ø 160 mm nominal diameter	m	Factory	225,00
10.440.2458	Ø180 mm nominal diameter	m	Factory	280,00
10.440.2459	Ø 200 mm nominal diameter	m	Factory	357,00
10.440.2460	Ø225 mm nominal diameter	m	Factory	438,00
10.440.2461	Ø 250 mm nominal diameter	m	Factory	560,00
10.440.2462	Ø280 mm nominal diameter	m	Factory	714,00
10.440.2463	Ø 315 mm nominal diameter	m	Factory	918,00
10.440.2464	Ø 355 mm nominal diameter	m	Factory	1.225,00
10.440.2465	Ø 400 mm nominal diameter	m	Factory	1.632,00
10.440.2466	Ø 450 mm nominal diameter	m	Factory	2.050,00
10.440.2467	Ø 500 mm nominal diameter	m	Factory	2.550,00
10.440.2468	Ø 630 mm nominal diameter	m	Factory	4.100,00
Resistance to 10 ATM of pressure				
10.440.2480	Ø 50 mm nominal diameter	m	Factory	42,80
10.440.2481	Ø63 mm nominal diameter	m	Factory	61,20
10.440.2482	Ø 75 mm nominal diameter	m	Factory	86,70
10.440.2483	Ø90 mm nominal diameter	m	Factory	127,50
10.440.2484	Ø 110 mm nominal diameter	m	Factory	153,00
10.440.2485	Ø125 mm nominal diameter	m	Factory	199,00
10.440.2486	Ø140 mm nominal diameter	m	Factory	250,00
10.440.2487	Ø 160 mm nominal diameter	m	Factory	306,00
10.440.2488	Ø180 mm nominal diameter	m	Factory	387,50
10.440.2489	Ø 200 mm nominal diameter	m	Factory	500,00
10.440.2490	Ø225 mm nominal diameter	m	Factory	612,00
10.440.2491	Ø 250 mm nominal diameter	m	Factory	785,00
10.440.2492	Ø280 mm nominal diameter	m	Factory	1.000,00
10.440.2493	Ø 315 mm nominal diameter	m	Factory	1.275,00
10.440.2494	Ø 355 mm nominal diameter	m	Factory	1.715,00
10.440.2495	Ø 400 mm nominal diameter	m	Factory	2.245,00
10.440.2496	Ø 450 mm nominal diameter	m	Factory	2.855,00
10.440.2497	Ø 500 mm nominal diameter	m	Factory	3.570,00
10.440.2498	Ø 630 mm nominal diameter	m	Factory	5.610,00
Resistance to 16 ATM of pressure				
10.440.2520	Ø 50 mm nominal diameter	m	Factory	56,00
10.440.2521	Ø63 mm nominal diameter	m	Factory	81,50
10.440.2522	Ø 75 mm nominal diameter	m	Factory	117,50
10.440.2523	Ø90 mm nominal diameter	m	Factory	168,00
10.440.2524	Ø 110 mm nominal diameter	m	Factory	204,00
10.440.2525	Ø125 mm nominal diameter	m	Factory	265,00
10.440.2526	Ø140 mm nominal diameter	m	Factory	336,00
10.440.2527	Ø 160 mm nominal diameter	m	Factory	408,00
10.440.2528	Ø180 mm nominal diameter	m	Factory	520,00
10.440.2529	Ø 200 mm nominal diameter	m	Factory	675,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.2530	Ø225 mm nominal diameter	m	Factory	816,00
10.440.2531	Ø 250 mm nominal diameter	m	Factory	1.020,00
10.440.2532	Ø280 mm nominal diameter	m	Factory	1.325,00
10.440.2533	Ø 315 mm nominal diameter	m	Factory	1.685,00
10.440.2534	Ø 355 mm nominal diameter	m	Factory	2.295,00
10.440.2535	Ø 400 mm nominal diameter	m	Factory	3.000,00
10.440.2536	Ø 450 mm nominal diameter	m	Factory	3.825,00
10.440.2537	Ø 500 mm nominal diameter	m	Factory	4.795,00
10.440.2538	Ø 630 mm nominal diameter	m	Factory	7.600,00
10.440.2569	Dedicated parts for each diameter size	Kg	Factory	42,00
Stick-on Bellmouth Pipes				
Resistance to 6 ATM of pressure				
10.440.2570	Ø 50 mm nominal diameter	m	Factory	29,50
10.440.2571	Ø63 mm nominal diameter	m	Factory	45,00
10.440.2572	Ø 75 mm nominal diameter	m	Factory	63,50
10.440.2573	Ø90 mm nominal diameter	m	Factory	90,00
10.440.2574	Ø 110 mm nominal diameter	m	Factory	107,00
10.440.2575	Ø125 mm nominal diameter	m	Factory	138,00
10.440.2576	Ø140 mm nominal diameter	m	Factory	173,50
10.440.2577	Ø 160 mm nominal diameter	m	Factory	215,00
10.440.2578	Ø180 mm nominal diameter	m	Factory	265,00
10.440.2579	Ø 200 mm nominal diameter	m	Factory	335,00
10.440.2580	Ø225 mm nominal diameter	m	Factory	418,00
10.440.2581	Ø 250 mm nominal diameter	m	Factory	530,00
10.440.2582	Ø280 mm nominal diameter	m	Factory	685,00
10.440.2583	Ø 315 mm nominal diameter	m	Factory	867,00
10.440.2584	Ø 355 mm nominal diameter	m	Factory	1.125,00
10.440.2585	Ø 400 mm nominal diameter	m	Factory	1.530,00
Resistance to 10 ATM of pressure				
10.440.2600	Ø 50 mm nominal diameter	m	Factory	42,00
10.440.2601	Ø63 mm nominal diameter	m	Factory	59,00
10.440.2602	Ø 75 mm nominal diameter	m	Factory	83,50
10.440.2603	Ø90 mm nominal diameter	m	Factory	125,00
10.440.2604	Ø 110 mm nominal diameter	m	Factory	148,00
10.440.2605	Ø125 mm nominal diameter	m	Factory	194,00
10.440.2606	Ø140 mm nominal diameter	m	Factory	245,00
10.440.2607	Ø 160 mm nominal diameter	m	Factory	295,00
10.440.2608	Ø180 mm nominal diameter	m	Factory	378,00
10.440.2609	Ø 200 mm nominal diameter	m	Factory	480,00
10.440.2610	Ø225 mm nominal diameter	m	Factory	580,00
10.440.2611	Ø 250 mm nominal diameter	m	Factory	735,00
10.440.2612	Ø280 mm nominal diameter	m	Factory	950,00
10.440.2613	Ø 315 mm nominal diameter	m	Factory	1.175,00
10.440.2614	Ø 355 mm nominal diameter	m	Factory	1.580,00
10.440.2615	Ø 400 mm nominal diameter	m	Factory	2.040,00
Resistance to 16 ATM of pressure				
10.440.2630	Ø 50 mm nominal diameter	m	Factory	55,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.2631	Ø63 mm nominal diameter	m	Factory	80,00
10.440.2632	Ø 75 mm nominal diameter	m	Factory	115,00
10.440.2633	Ø90 mm nominal diameter	m	Factory	163,00
10.440.2634	Ø 110 mm nominal diameter	m	Factory	199,00
10.440.2635	Ø125 mm nominal diameter	m	Factory	255,00
10.440.2636	Ø140 mm nominal diameter	m	Factory	326,00
10.440.2637	Ø 160 mm nominal diameter	m	Factory	388,00
10.440.2638	Ø180 mm nominal diameter	m	Factory	490,00
10.440.2639	Ø 200 mm nominal diameter	m	Factory	653,00
10.440.2640	Ø225 mm nominal diameter	m	Factory	765,00
10.440.2641	Ø 250 mm nominal diameter	m	Factory	970,00
10.440.2642	Ø280 mm nominal diameter	m	Factory	1.245,00
10.440.2643	Ø 315 mm nominal diameter	m	Factory	1.580,00
10.440.2644	Ø 355 mm nominal diameter	m	Factory	2.145,00
10.440.2645	Ø 400 mm nominal diameter	m	Factory	2.850,00
10.440.2699	Dedicated parts for each diameter size	Kg	Factory	41,00
POTABLE WATER PIPES MADE OF HARD PVC PLASTIC (PVC with lead-free raw material) (TS ISO 16422-1 and TS ISO 16422-2) (including the price of the seal) Note: Market Prices of other diameters will be interpolated.				
Slip-on Bellmouth Pipes				
Resistance to 10 ATM of pressure				
10.440.2750	Ø90 mm nominal diameter	m	Factory	255,00
10.440.2751	Ø 110 mm nominal diameter	m	Factory	305,00
10.440.2752	Ø125 mm nominal diameter	m	Factory	400,00
10.440.2753	Ø140 mm nominal diameter	m	Factory	500,00
10.440.2754	Ø 160 mm nominal diameter	m	Factory	612,00
10.440.2755	Ø 200 mm nominal diameter	m	Factory	1.000,00
10.440.2756	Ø225 mm nominal diameter	m	Factory	1.225,00
10.440.2757	Ø 250 mm nominal diameter	m	Factory	1.570,00
10.440.2758	Ø280 mm nominal diameter	m	Factory	2.000,00
10.440.2759	Ø 315 mm nominal diameter	m	Factory	2.550,00
10.440.2760	Ø 355 mm nominal diameter	m	Factory	3.400,00
10.440.2761	Ø 400 mm nominal diameter	m	Factory	4.500,00
10.440.2762	Ø 450 mm nominal diameter	m	Factory	5.700,00
10.440.2763	Ø 500 mm nominal diameter	m	Factory	7.150,00
Resistance to 12.5 ATM of pressure				
10.440.2780	Ø 75 mm nominal diameter	m	Factory	150,00
10.440.2781	Ø90 mm nominal diameter	m	Factory	280,00
10.440.2782	Ø 110 mm nominal diameter	m	Factory	335,00
10.440.2783	Ø125 mm nominal diameter	m	Factory	440,00
10.440.2784	Ø140 mm nominal diameter	m	Factory	550,00
10.440.2785	Ø 160 mm nominal diameter	m	Factory	675,00
10.440.2786	Ø 200 mm nominal diameter	m	Factory	1.100,00
10.440.2787	Ø225 mm nominal diameter	m	Factory	1.350,00
10.440.2788	Ø 250 mm nominal diameter	m	Factory	1.725,00
10.440.2789	Ø280 mm nominal diameter	m	Factory	2.200,00
10.440.2790	Ø 315 mm nominal diameter	m	Factory	2.800,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.2791	Ø 355 mm nominal diameter	m	Factory	3.750,00
10.440.2792	Ø 400 mm nominal diameter	m	Factory	4.950,00
10.440.2793	Ø 450 mm nominal diameter	m	Factory	6.250,00
10.440.2794	Ø 500 mm nominal diameter	m	Factory	7.850,00
Resistance to 16 ATM of pressure				
10.440.2800	Ø63 mm nominal diameter	m	Factory	165,00
10.440.2801	Ø 75 mm nominal diameter	m	Factory	235,00
10.440.2802	Ø90 mm nominal diameter	m	Factory	335,00
10.440.2803	Ø 110 mm nominal diameter	m	Factory	410,00
10.440.2804	Ø125 mm nominal diameter	m	Factory	530,00
10.440.2805	Ø140 mm nominal diameter	m	Factory	675,00
10.440.2806	Ø 160 mm nominal diameter	m	Factory	815,00
10.440.2807	Ø 200 mm nominal diameter	m	Factory	1.350,00
10.440.2808	Ø225 mm nominal diameter	m	Factory	1.630,00
10.440.2809	Ø 250 mm nominal diameter	m	Factory	2.000,00
10.440.2810	Ø280 mm nominal diameter	m	Factory	2.650,00
10.440.2811	Ø 315 mm nominal diameter	m	Factory	3.350,00
10.440.2812	Ø 355 mm nominal diameter	m	Factory	4.600,00
10.440.2813	Ø 400 mm nominal diameter	m	Factory	6.000,00
10.440.2814	Ø 450 mm nominal diameter	m	Factory	7.650,00
10.440.2815	Ø 500 mm nominal diameter	m	Factory	9.600,00
Resistance to 20 ATM of pressure				
10.440.2830	Ø63 mm nominal diameter	m	Factory	180,00
10.440.2831	Ø 75 mm nominal diameter	m	Factory	260,00
10.440.2832	Ø90 mm nominal diameter	m	Factory	370,00
10.440.2833	Ø 110 mm nominal diameter	m	Factory	450,00
10.440.2834	Ø125 mm nominal diameter	m	Factory	585,00
10.440.2835	Ø140 mm nominal diameter	m	Factory	745,00
10.440.2836	Ø 160 mm nominal diameter	m	Factory	900,00
10.440.2837	Ø 200 mm nominal diameter	m	Factory	1.485,00
10.440.2838	Ø225 mm nominal diameter	m	Factory	1.795,00
10.440.2839	Ø 250 mm nominal diameter	m	Factory	2.200,00
10.440.2840	Ø280 mm nominal diameter	m	Factory	2.915,00
10.440.2841	Ø 315 mm nominal diameter	m	Factory	3.685,00
10.440.2842	Ø 355 mm nominal diameter	m	Factory	5.050,00
10.440.2843	Ø 400 mm nominal diameter	m	Factory	6.600,00
10.440.2844	Ø 450 mm nominal diameter	m	Factory	8.415,00
10.440.2845	Ø 500 mm nominal diameter	m	Factory	10.500,00
Resistance to 25 ATM of pressure				
10.440.2860	Ø63 mm nominal diameter	m	Factory	205,00
10.440.2861	Ø 75 mm nominal diameter	m	Factory	300,00
10.440.2862	Ø90 mm nominal diameter	m	Factory	425,00
10.440.2863	Ø 110 mm nominal diameter	m	Factory	520,00
10.440.2864	Ø125 mm nominal diameter	m	Factory	675,00
10.440.2865	Ø140 mm nominal diameter	m	Factory	860,00
10.440.2866	Ø 160 mm nominal diameter	m	Factory	1.035,00
10.440.2867	Ø 200 mm nominal diameter	m	Factory	1.705,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.2868	Ø225 mm nominal diameter	m	Factory	2.050,00
10.440.2869	Ø 250 mm nominal diameter	m	Factory	2.530,00
10.440.2870	Ø280 mm nominal diameter	m	Factory	3.350,00
10.440.2871	Ø 315 mm nominal diameter	m	Factory	4.250,00
10.440.2872	Ø 355 mm nominal diameter	m	Factory	5.800,00
10.440.2873	Ø 400 mm nominal diameter	m	Factory	7.600,00
10.440.2874	Ø 450 mm nominal diameter	m	Factory	9.650,00
10.440.2875	Ø 500 mm nominal diameter	m	Factory	12.000,00
10.440.2899	Dedicated parts for each diameter size	Kg	Factory	80,00
GLASS-FIBER-REINFORCED (CTP) PLASTIC PIPES (TS EN ISO 23856) Note: Market Prices of other diameters will be interpolated. (Prices of sleeves and seals shall be included) (Prices of sleeves for standard pipe sizes shall be included in the price of the pipe, and if a pipe of non-standard size is used, additional sleeves shall be charged separately.)				
Resistance to 6 ATM of pressure (SN 2500)				
10.440.3000	Ø 300 mm nominal diameter	m	Factory	1.000,00
10.440.3001	Ø 400 mm nominal diameter	m	Factory	1.100,00
10.440.3002	Ø 600 mm nominal diameter	m	Factory	1.750,00
10.440.3003	Ø 800 mm nominal diameter	m	Factory	2.750,00
10.440.3004	Ø 1,000 mm nominal diameter	m	Factory	4.000,00
10.440.3005	Ø 1200 mm nominal diameter	m	Factory	5.500,00
10.440.3006	Ø 1400 mm nominal diameter	m	Factory	7.500,00
10.440.3007	Ø 1600 mm nominal diameter	m	Factory	9.500,00
10.440.3008	Ø 1800 mm nominal diameter	m	Factory	12.000,00
10.440.3009	Ø 2000 mm nominal diameter	m	Factory	14.500,00
10.440.3010	Ø 2200 mm nominal diameter	m	Factory	17.500,00
10.440.3011	Ø 2400 mm nominal diameter	m	Factory	21.000,00
10.440.3012	Ø 2600 mm nominal diameter	m	Factory	24.000,00
10.440.3013	Ø 2800 mm nominal diameter	m	Factory	28.000,00
10.440.3014	Ø 3000 mm nominal diameter	m	Factory	32.000,00
10.440.3015	Ø 3200 mm nominal diameter	m	Factory	36.500,00
10.440.3016	Ø 3400 mm nominal diameter	m	Factory	41.500,00
10.440.3017	Ø 3600 mm nominal diameter	m	Factory	46.000,00
10.440.3018	Ø 3800 mm nominal diameter	m	Factory	52.000,00
10.440.3019	Ø 4000 mm nominal diameter	m	Factory	57.500,00
Resistance to 10 ATM of pressure (SN 2500)				
10.440.3030	Ø 300 mm nominal diameter	m	Factory	1.100,00
10.440.3031	Ø 400 mm nominal diameter	m	Factory	1.150,00
10.440.3032	Ø 600 mm nominal diameter	m	Factory	1.800,00
10.440.3033	Ø 800 mm nominal diameter	m	Factory	2.800,00
10.440.3034	Ø 1,000 mm nominal diameter	m	Factory	4.050,00
10.440.3035	Ø 1200 mm nominal diameter	m	Factory	5.600,00
10.440.3036	Ø 1400 mm nominal diameter	m	Factory	7.600,00
10.440.3037	Ø 1600 mm nominal diameter	m	Factory	9.750,00
10.440.3038	Ø 1800 mm nominal diameter	m	Factory	12.500,00
10.440.3039	Ø 2000 mm nominal diameter	m	Factory	15.000,00
10.440.3040	Ø 2200 mm nominal diameter	m	Factory	18.000,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.3041	Ø 2400 mm nominal diameter	m	Factory	21.500,00
10.440.3042	Ø 2600 mm nominal diameter	m	Factory	24.500,00
10.440.3043	Ø 2800 mm nominal diameter	m	Factory	28.500,00
10.440.3044	Ø 3000 mm nominal diameter	m	Factory	32.500,00
10.440.3045	Ø 3200 mm nominal diameter	m	Factory	37.000,00
10.440.3046	Ø 3400 mm nominal diameter	m	Factory	42.000,00
10.440.3047	Ø 3600 mm nominal diameter	m	Factory	47.000,00
10.440.3048	Ø 3800 mm nominal diameter	m	Factory	53.000,00
10.440.3049	Ø 4000 mm nominal diameter	m	Factory	58.500,00
Resistance to 16 ATM of pressure (SN 2500)				
10.440.3060	Ø 300 mm nominal diameter	m	Factory	1.150,00
10.440.3061	Ø 400 mm nominal diameter	m	Factory	1.350,00
10.440.3062	Ø 600 mm nominal diameter	m	Factory	2.000,00
10.440.3063	Ø 800 mm nominal diameter	m	Factory	3.100,00
10.440.3064	Ø 1,000 mm nominal diameter	m	Factory	4.400,00
10.440.3065	Ø 1200 mm nominal diameter	m	Factory	6.250,00
10.440.3066	Ø 1400 mm nominal diameter	m	Factory	8.100,00
10.440.3067	Ø 1600 mm nominal diameter	m	Factory	10.500,00
10.440.3068	Ø 1800 mm nominal diameter	m	Factory	13.000,00
10.440.3069	Ø 2000 mm nominal diameter	m	Factory	15.500,00
10.440.3070	Ø 2200 mm nominal diameter	m	Factory	19.000,00
10.440.3071	Ø 2400 mm nominal diameter	m	Factory	22.000,00
10.440.3072	Ø 2600 mm nominal diameter	m	Factory	26.000,00
10.440.3073	Ø 2800 mm nominal diameter	m	Factory	30.000,00
10.440.3074	Ø 3000 mm nominal diameter	m	Factory	35.000,00
Resistance to 20 ATM of pressure (SN 2500)				
10.440.3090	Ø 300 mm nominal diameter	m	Factory	1.200,00
10.440.3091	Ø 400 mm nominal diameter	m	Factory	1.550,00
10.440.3092	Ø 600 mm nominal diameter	m	Factory	2.300,00
10.440.3093	Ø 800 mm nominal diameter	m	Factory	3.550,00
10.440.3094	Ø 1,000 mm nominal diameter	m	Factory	5.100,00
10.440.3095	Ø 1200 mm nominal diameter	m	Factory	7.100,00
10.440.3096	Ø 1400 mm nominal diameter	m	Factory	9.300,00
10.440.3097	Ø 1600 mm nominal diameter	m	Factory	12.000,00
10.440.3098	Ø 1800 mm nominal diameter	m	Factory	15.000,00
10.440.3099	Ø 2000 mm nominal diameter	m	Factory	17.500,00
Resistance to 6 ATM of pressure (SN 5000)				
10.440.3110	Ø 300 mm nominal diameter	m	Factory	1.150,00
10.440.3111	Ø 400 mm nominal diameter	m	Factory	1.275,00
10.440.3112	Ø 600 mm nominal diameter	m	Factory	2.000,00
10.440.3113	Ø 700 mm nominal diameter	m	Factory	2.550,00
10.440.3114	Ø 800 mm nominal diameter	m	Factory	3.200,00
10.440.3115	Ø900 mm nominal diameter	m	Factory	3.900,00
10.440.3116	Ø 1,000 mm nominal diameter	m	Factory	4.650,00
10.440.3117	Ø 1100 mm nominal diameter	m	Factory	5.500,00
10.440.3118	Ø 1200 mm nominal diameter	m	Factory	6.450,00
10.440.3119	Ø1300 mm nominal diameter	m	Factory	7.450,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.3120	Ø 1400 mm nominal diameter	m	Factory	8.750,00
10.440.3121	Ø1500 mm nominal diameter	m	Factory	10.000,00
10.440.3122	Ø 1600 mm nominal diameter	m	Factory	11.200,00
10.440.3123	Ø1700 mm nominal diameter	m	Factory	12.250,00
10.440.3124	Ø 1800 mm nominal diameter	m	Factory	14.250,00
10.440.3125	Ø 1900 mm nominal diameter	m	Factory	15.000,00
10.440.3126	Ø 2000 mm nominal diameter	m	Factory	17.000,00
10.440.3127	Ø2100 mm nominal diameter	m	Factory	18.250,00
10.440.3128	Ø 2200 mm nominal diameter	m	Factory	20.000,00
10.440.3129	Ø2300 mm nominal diameter	m	Factory	21.500,00
10.440.3130	Ø 2400 mm nominal diameter	m	Factory	24.500,00
10.440.3131	Ø 2500 mm nominal diameter	m	Factory	25.750,00
10.440.3132	Ø 2600 mm nominal diameter	m	Factory	28.000,00
10.440.3133	Ø2700 mm nominal diameter	m	Factory	29.500,00
10.440.3134	Ø 2800 mm nominal diameter	m	Factory	32.500,00
10.440.3135	Ø2900 mm nominal diameter	m	Factory	34.000,00
10.440.3136	Ø 3000 mm nominal diameter	m	Factory	37.500,00
10.440.3137	Ø3100 mm nominal diameter	m	Factory	39.500,00
10.440.3138	Ø 3200 mm nominal diameter	m	Factory	42.500,00
10.440.3139	Ø3300 mm nominal diameter	m	Factory	44.500,00
10.440.3140	Ø 3400 mm nominal diameter	m	Factory	48.500,00
10.440.3141	Ø3500 mm nominal diameter	m	Factory	51.000,00
10.440.3142	Ø 3600 mm nominal diameter	m	Factory	54.000,00
10.440.3143	Ø3700 mm nominal diameter	m	Factory	57.000,00
10.440.3144	Ø 3800 mm nominal diameter	m	Factory	61.000,00
10.440.3145	Ø3900 mm nominal diameter	m	Factory	64.000,00
10.440.3146	Ø 4000 mm nominal diameter	m	Factory	67.000,00
Resistance to 10 ATM of pressure (SN 5000)				
10.440.3160	Ø 300 mm nominal diameter	m	Factory	1.250,00
10.440.3161	Ø 400 mm nominal diameter	m	Factory	1.325,00
10.440.3162	Ø 600 mm nominal diameter	m	Factory	2.100,00
10.440.3163	Ø 700 mm nominal diameter	m	Factory	2.600,00
10.440.3164	Ø 800 mm nominal diameter	m	Factory	3.200,00
10.440.3165	Ø900 mm nominal diameter	m	Factory	4.000,00
10.440.3166	Ø 1,000 mm nominal diameter	m	Factory	4.750,00
10.440.3167	Ø 1100 mm nominal diameter	m	Factory	5.750,00
10.440.3168	Ø 1200 mm nominal diameter	m	Factory	6.500,00
10.440.3169	Ø1300 mm nominal diameter	m	Factory	7.500,00
10.440.3170	Ø 1400 mm nominal diameter	m	Factory	8.750,00
10.440.3171	Ø1500 mm nominal diameter	m	Factory	10.000,00
10.440.3172	Ø 1600 mm nominal diameter	m	Factory	11.500,00
10.440.3173	Ø1700 mm nominal diameter	m	Factory	13.000,00
10.440.3174	Ø 1800 mm nominal diameter	m	Factory	14.500,00
10.440.3175	Ø 1900 mm nominal diameter	m	Factory	16.000,00
10.440.3176	Ø 2000 mm nominal diameter	m	Factory	17.500,00
10.440.3177	Ø2100 mm nominal diameter	m	Factory	19.000,00
10.440.3178	Ø 2200 mm nominal diameter	m	Factory	20.500,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.3179	Ø2300 mm nominal diameter	m	Factory	22.000,00
10.440.3180	Ø 2400 mm nominal diameter	m	Factory	24.000,00
10.440.3181	Ø 2500 mm nominal diameter	m	Factory	26.000,00
10.440.3182	Ø 2600 mm nominal diameter	m	Factory	28.000,00
10.440.3183	Ø2700 mm nominal diameter	m	Factory	30.000,00
10.440.3184	Ø 2800 mm nominal diameter	m	Factory	32.000,00
10.440.3185	Ø2900 mm nominal diameter	m	Factory	34.000,00
10.440.3186	Ø 3000 mm nominal diameter	m	Factory	37.000,00
10.440.3187	Ø3100 mm nominal diameter	m	Factory	40.000,00
10.440.3188	Ø 3200 mm nominal diameter	m	Factory	43.000,00
10.440.3189	Ø3300 mm nominal diameter	m	Factory	46.000,00
10.440.3190	Ø 3400 mm nominal diameter	m	Factory	49.000,00
10.440.3191	Ø3500 mm nominal diameter	m	Factory	52.000,00
10.440.3192	Ø 3600 mm nominal diameter	m	Factory	55.000,00
10.440.3193	Ø3700 mm nominal diameter	m	Factory	58.000,00
10.440.3194	Ø 3800 mm nominal diameter	m	Factory	61.000,00
10.440.3195	Ø3900 mm nominal diameter	m	Factory	64.000,00
10.440.3196	Ø 4000 mm nominal diameter	m	Factory	67.000,00
Resistance to 16 ATM of pressure (SN 5000)				
10.440.3200	Ø 300 mm nominal diameter	m	Factory	1.325,00
10.440.3201	Ø 400 mm nominal diameter	m	Factory	1.550,00
10.440.3202	Ø 600 mm nominal diameter	m	Factory	2.300,00
10.440.3203	Ø 800 mm nominal diameter	m	Factory	3.500,00
10.440.3204	Ø 1,000 mm nominal diameter	m	Factory	5.050,00
10.440.3205	Ø 1200 mm nominal diameter	m	Factory	7.200,00
10.440.3206	Ø 1400 mm nominal diameter	m	Factory	9.300,00
10.440.3207	Ø 1600 mm nominal diameter	m	Factory	12.000,00
10.440.3208	Ø 1800 mm nominal diameter	m	Factory	15.000,00
10.440.3209	Ø 2000 mm nominal diameter	m	Factory	17.850,00
10.440.3210	Ø 2200 mm nominal diameter	m	Factory	21.850,00
10.440.3211	Ø 2400 mm nominal diameter	m	Factory	25.300,00
10.440.3212	Ø 2600 mm nominal diameter	m	Factory	30.000,00
10.440.3213	Ø 2800 mm nominal diameter	m	Factory	35.000,00
10.440.3214	Ø 3000 mm nominal diameter	m	Factory	40.000,00
Resistance to 20 ATM of pressure (SN 5000)				
10.440.3230	Ø 300 mm nominal diameter	m	Factory	1.350,00
10.440.3231	Ø 400 mm nominal diameter	m	Factory	1.750,00
10.440.3232	Ø 600 mm nominal diameter	m	Factory	2.650,00
10.440.3233	Ø 800 mm nominal diameter	m	Factory	4.100,00
10.440.3234	Ø 1,000 mm nominal diameter	m	Factory	5.850,00
10.440.3235	Ø 1200 mm nominal diameter	m	Factory	8.200,00
10.440.3236	Ø 1400 mm nominal diameter	m	Factory	10.750,00
10.440.3237	Ø 1600 mm nominal diameter	m	Factory	13.750,00
10.440.3238	Ø 1800 mm nominal diameter	m	Factory	17.250,00
10.440.3239	Ø 2000 mm nominal diameter	m	Factory	20.200,00
Resistance to 6 ATM of pressure (SN 10000)				
10.440.3250	Ø 300 mm nominal diameter	m	Factory	1.325,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.3251	Ø 400 mm nominal diameter	m	Factory	1.450,00
10.440.3252	Ø 600 mm nominal diameter	m	Factory	2.300,00
10.440.3253	Ø 800 mm nominal diameter	m	Factory	3.650,00
10.440.3254	Ø 1,000 mm nominal diameter	m	Factory	5.300,00
10.440.3255	Ø 1200 mm nominal diameter	m	Factory	7.400,00
10.440.3256	Ø 1400 mm nominal diameter	m	Factory	10.000,00
10.440.3257	Ø 1600 mm nominal diameter	m	Factory	13.000,00
10.440.3258	Ø 1800 mm nominal diameter	m	Factory	16.000,00
10.440.3259	Ø 2000 mm nominal diameter	m	Factory	19.000,00
10.440.3260	Ø 2200 mm nominal diameter	m	Factory	23.000,00
10.440.3261	Ø 2400 mm nominal diameter	m	Factory	27.000,00
10.440.3262	Ø 2600 mm nominal diameter	m	Factory	31.500,00
10.440.3263	Ø 2800 mm nominal diameter	m	Factory	37.000,00
10.440.3264	Ø 3000 mm nominal diameter	m	Factory	42.000,00
10.440.3265	Ø 3200 mm nominal diameter	m	Factory	48.000,00
10.440.3266	Ø 3400 mm nominal diameter	m	Factory	55.000,00
10.440.3267	Ø 3600 mm nominal diameter	m	Factory	61.000,00
10.440.3268	Ø 3800 mm nominal diameter	m	Factory	70.000,00
10.440.3269	Ø 4000 mm nominal diameter	m	Factory	76.000,00
Resistance to 10 ATM of pressure (SN 10000)				
10.440.3280	Ø 300 mm nominal diameter	m	Factory	1.400,00
10.440.3281	Ø 400 mm nominal diameter	m	Factory	1.525,00
10.440.3282	Ø 600 mm nominal diameter	m	Factory	2.400,00
10.440.3283	Ø 800 mm nominal diameter	m	Factory	3.700,00
10.440.3284	Ø 1,000 mm nominal diameter	m	Factory	5.400,00
10.440.3285	Ø 1200 mm nominal diameter	m	Factory	7.500,00
10.440.3286	Ø 1400 mm nominal diameter	m	Factory	10.000,00
10.440.3287	Ø 1600 mm nominal diameter	m	Factory	13.000,00
10.440.3288	Ø 1800 mm nominal diameter	m	Factory	16.500,00
10.440.3289	Ø 2000 mm nominal diameter	m	Factory	19.500,00
10.440.3290	Ø 2200 mm nominal diameter	m	Factory	23.500,00
10.440.3291	Ø 2400 mm nominal diameter	m	Factory	27.500,00
10.440.3292	Ø 2600 mm nominal diameter	m	Factory	32.000,00
10.440.3293	Ø 2800 mm nominal diameter	m	Factory	36.750,00
10.440.3294	Ø 3000 mm nominal diameter	m	Factory	42.500,00
10.440.3295	Ø 3200 mm nominal diameter	m	Factory	48.500,00
10.440.3296	Ø 3400 mm nominal diameter	m	Factory	55.000,00
10.440.3297	Ø 3600 mm nominal diameter	m	Factory	62.000,00
10.440.3298	Ø 3800 mm nominal diameter	m	Factory	70.000,00
10.440.3299	Ø 4000 mm nominal diameter	m	Factory	78.000,00
Resistance to 16 ATM of pressure (SN 10000)				
10.440.3310	Ø 300 mm nominal diameter	m	Factory	1.525,00
10.440.3311	Ø 400 mm nominal diameter	m	Factory	1.750,00
10.440.3312	Ø 600 mm nominal diameter	m	Factory	2.650,00
10.440.3313	Ø 800 mm nominal diameter	m	Factory	4.025,00
10.440.3314	Ø 1,000 mm nominal diameter	m	Factory	5.800,00
10.440.3315	Ø 1200 mm nominal diameter	m	Factory	8.250,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.3316	Ø 1400 mm nominal diameter	m	Factory	10.650,00
10.440.3317	Ø 1600 mm nominal diameter	m	Factory	13.750,00
10.440.3318	Ø 1800 mm nominal diameter	m	Factory	17.250,00
10.440.3319	Ø 2000 mm nominal diameter	m	Factory	21.000,00
10.440.3320	Ø 2200 mm nominal diameter	m	Factory	25.000,00
10.440.3321	Ø 2400 mm nominal diameter	m	Factory	29.000,00
10.440.3322	Ø 2600 mm nominal diameter	m	Factory	34.000,00
10.440.3323	Ø 2800 mm nominal diameter	m	Factory	40.000,00
10.440.3324	Ø 3000 mm nominal diameter	m	Factory	46.000,00
Resistance to 20 ATM of pressure (SN 10000)				
10.440.3340	Ø 300 mm nominal diameter	m	Factory	1.550,00
10.440.3341	Ø 400 mm nominal diameter	m	Factory	2.000,00
10.440.3342	Ø 600 mm nominal diameter	m	Factory	3.050,00
10.440.3343	Ø 800 mm nominal diameter	m	Factory	4.700,00
10.440.3344	Ø 1,000 mm nominal diameter	m	Factory	6.700,00
10.440.3345	Ø 1200 mm nominal diameter	m	Factory	9.500,00
10.440.3346	Ø 1400 mm nominal diameter	m	Factory	12.500,00
10.440.3347	Ø 1600 mm nominal diameter	m	Factory	16.000,00
10.440.3348	Ø 1800 mm nominal diameter	m	Factory	20.000,00
10.440.3349	Ø 2000 mm nominal diameter	m	Factory	23.500,00
10.440.3399	Dedicated parts for each diameter size	Kg	Factory	200,00
STEEL PIPES				
NATURAL GAS PIPES (TS EN ISO 3183)				
Note: Market Prices of other diameters will be interpolated.				
Steel natural gas pipes				
Outside diameter (mm) x wall thickness (mm)				
10.440.3600	1/2 inch (21.3 x 2.80) GR-A	m	Factory	50,00
10.440.3601	3/4 inch (26.7 x 2.90) GR-A	m	Factory	70,00
10.440.3602	1 inch (33.4 x 3.40) GR-A	m	Factory	101,00
10.440.3603	1¼ inches (42.2 x 3.60) GR-A	m	Factory	132,00
10.440.3604	1½ inches (48.3 x 3.70) GR-A	m	Factory	155,00
10.440.3605	2 inches (60.3 x 3.90) GR-A	m	Factory	205,00
10.440.3606	2½ inches (73.0 x 5.20) GR-A	m	Factory	315,00
10.440.3607	3 inches (88.9 x 5.50) GR-A	m	Factory	440,00
10.440.3608	4 inches (114.3 x 6.00) GR-B	m	Factory	620,00
10.440.3609	5 inches (141.0 x 6.60) GR-B	m	Factory	845,00
10.440.3610	6 inches (168.3 x 7.10) GR-B	m	Factory	1.090,00
10.440.3611	8 inches (219.1 x 8.18) GR-B	m	Factory	1.620,00
10.440.3612	10 inches (273.0 x 9.27) GR-B	m	Factory	2.315,00
10.440.3613	12 inches (323.9 x 9.50) GR-B	m	Factory	2.865,00
10.440.3649	Dedicated parts for each diameter size	Kg	Factory	120,00
PE-coated natural gas pipes				
Outside diameter (mm) x wall thickness (mm)				
10.440.3650	1/2 inch (21.3 x 2.80) GR-A	m	Factory	115,00
10.440.3651	3/4 inch (26.7 x 2.90) GR-A	m	Factory	145,00
10.440.3652	1 inch (33.4 x 3.40) GR-A	m	Factory	185,00
10.440.3653	1¼ inches (42.2 x 3.60) GR-A	m	Factory	230,00
10.440.3654	1½ inches (48.3 x 3.70) GR-A	m	Factory	275,00
10.440.3655	2 inches (60.3 x 3.90) GR-A	m	Factory	355,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.3656	2½ inches (73.0 x 5.20) GR-A	m	Factory	520,00
10.440.3657	3 inches (88.9 x 5.50) GR-A	m	Factory	625,00
10.440.3658	4 inches (114.3 x 6.00) GR-B	m	Factory	910,00
10.440.3659	5 inches (141.0 x 6.60) GR-B	m	Factory	1.250,00
10.440.3660	6 inches (168.3 x 7.10) GR-B	m	Factory	1.605,00
10.440.3661	8 inches (219.1 x 8.18) GR-B	m	Factory	2.370,00
10.440.3662	10 inches (273.0 x 9.27) GR-B	m	Factory	3.500,00
10.440.3663	12 inches (323.9 x 9.50) GR-B	m	Factory	4.000,00
10.440.3699	Dedicated parts for each diameter size	Kg	Factory	120,00
LONGITUDINALLY-WELDED STEEL PIPES (TS EN 10217-1) Epoxy Interior (as per TS EN 10289), PE-coated exterior (as per TS 5139), Butt welded Note: 1- Market Prices of other diameters will be interpolated. 2- For steel pipes with the same steel class but different wall thicknesses, the weight per unit length of the pipe with known unit price shall be taken as basis to determine the unit prices of the other pipes of the said diameter. 3- If "P" quality raw material steel is used instead of "S" quality in the steel class, the market prices can be increased by 2%.				
St 37 External diameter (mm) x Wall thickness (mm)				
10.440.3750	88.9 x 2.6 mm	m	Factory	220,00
10.440.3751	88.9 x 2.9 mm	m	Factory	245,00
10.440.3752	88.9 x 3.2 mm	m	Factory	270,00
10.440.3753	114.3 x 2.6 mm	m	Factory	285,00
10.440.3754	114.3 x 2.9 mm	m	Factory	320,00
10.440.3755	114.3 x 3.2 mm	m	Factory	350,00
10.440.3756	139.7 x 2.9 mm	m	Factory	390,00
10.440.3757	139.7 x 3.2 mm	m	Factory	430,00
10.440.3758	139.7 x 3.6 mm	m	Factory	480,00
10.440.3759	168.3 x 2.9 mm	m	Factory	475,00
10.440.3760	168.3 x 3.2 mm	m	Factory	520,00
10.440.3761	168.3 x 3.6 mm	m	Factory	585,00
10.440.3762	219.1 x 3.2 mm	m	Factory	700,00
10.440.3763	219.1 x 3.6 mm	m	Factory	765,00
10.440.3764	219.1 x 4.0 mm	m	Factory	850,00
10.440.3765	273.0 x 3.2 mm	m	Factory	960,00
10.440.3766	273.0 x 3.6 mm	m	Factory	1.080,00
10.440.3767	273.0 x 4.0 mm	m	Factory	1.200,00
10.440.3768	323.9 x 3.6 mm	m	Factory	1.280,00
10.440.3769	323.9 x 4.0 mm	m	Factory	1.420,00
10.440.3770	323.9 x 4.5 mm	m	Factory	1.590,00
10.440.3771	355.6 x 3.6 mm	m	Factory	1.400,00
10.440.3772	355.6 x 4.0 mm	m	Factory	1.560,00
10.440.3773	355.6 x 4.5 mm	m	Factory	1.750,00
10.440.3774	406.4 x 4.0 mm	m	Factory	1.785,00
10.440.3775	406.4 x 4.5 mm	m	Factory	2.000,00
10.440.3776	406.4 x 5.0 mm	m	Factory	2.230,00
10.440.3799	Dedicated parts for each diameter size	Kg	Factory	100,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
SPIRAL-WELDED STEEL PIPES (TS EN 10217-1) Epoxy Interior (as per TS EN 10289), PE-coated exterior (as per TS 5139), Butt welded Note: 1- Market Prices of other diameters will be interpolated. 2- For steel pipes with the same steel class but different wall thicknesses, the weight per unit length of the pipe with known unit price shall be taken as basis to determine the unit prices of the other pipes of the said diameter. 3- If "P" quality raw material steel is used instead of "S" quality in the steel class, the market prices can be increased by 2%.				
St 37 External diameter (mm) x Wall thickness (mm)				
10.440.3850	219.1 x 3.2 mm	m	Factory	1.050,00
10.440.3851	219.1 x 3.6 mm	m	Factory	1.140,00
10.440.3852	219.1 x 4.0 mm	m	Factory	1.220,00
10.440.3853	273.0 x 3.2 mm	m	Factory	1.330,00
10.440.3854	273.0 x 3.6 mm	m	Factory	1.430,00
10.440.3855	273.0 x 4.0 mm	m	Factory	1.540,00
10.440.3856	323.9 x 3.6 mm	m	Factory	1.700,00
10.440.3857	323.9 x 4.0 mm	m	Factory	1.820,00
10.440.3858	323.9 x 4.5 mm	m	Factory	1.960,00
10.440.3859	355.6 x 3.6 mm	m	Factory	1.870,00
10.440.3860	355.6 x 4.0 mm	m	Factory	2.000,00
10.440.3861	355.6 x 4.5 mm	m	Factory	2.160,00
10.440.3862	406.4 x 3.6 mm	m	Factory	2.130,00
10.440.3863	406.4 x 4.0 mm	m	Factory	2.280,00
10.440.3864	406.4 x 4.5 mm	m	Factory	2.465,00
10.440.3865	508.0 x 3.6 mm	m	Factory	2.560,00
10.440.3866	508.0 x 4.0 mm	m	Factory	2.715,00
10.440.3867	508.0 x 4.5 mm	m	Factory	2.930,00
10.440.3868	609.6 x 4.0 mm	m	Factory	3.270,00
10.440.3869	609.6 x 4.5 mm	m	Factory	3.520,00
10.440.3870	609.6 x 5.0 mm	m	Factory	3.760,00
10.440.3871	711.2 x 4.0 mm	m	Factory	3.815,00
10.440.3872	711.2 x 4.5 mm	m	Factory	4.105,00
10.440.3873	711.2 x 5.0 mm	m	Factory	4.400,00
10.440.3874	812.8 x 5.6 mm	m	Factory	5.525,00
10.440.3875	812.8 x 6.3 mm	m	Factory	5.985,00
10.440.3876	812.8 x 7.1 mm	m	Factory	6.515,00
10.440.3877	914.4 x 5.6 mm	m	Factory	6.225,00
10.440.3878	914.4 x 6.3 mm	m	Factory	6.740,00
10.440.3879	914.4 x 7.1 mm	m	Factory	7.340,00
10.440.3880	1016.0 x 5.6 mm	m	Factory	6.915,00
10.440.3881	1016.0 x 6.3 mm	m	Factory	7.495,00
10.440.3882	1016, x 7.1 mm	m	Factory	8.160,00
10.440.3883	1118.0 x 6.3 mm	m	Factory	7.950,00
10.440.3884	1118.0 x 7.1 mm	m	Factory	8.645,00
10.440.3885	1118.0 x 8.0 mm	m	Factory	9.430,00
10.440.3886	1220.0 x 6.3 mm	m	Factory	8.660,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.3887	1220.0 x 7.1 mm	m	Factory	9.430,00
10.440.3888	1220.0 x 8.0 mm	m	Factory	10.300,00
10.440.3889	1321.0 x 7.1 mm	m	Factory	10.250,00
10.440.3890	1321.0 x 8.0 mm	m	Factory	11.150,00
10.440.3891	1321.0 x 8.8 mm	m	Factory	11.970,00
10.440.3892	1422.4 x 8.0 mm	m	Factory	12.000,00
10.440.3893	1422.4 x 8.8 mm	m	Factory	12.900,00
10.440.3894	1422.4 x 10.0 mm	m	Factory	14.250,00
10.440.3895	1524.0 x 8.8 mm	m	Factory	13.825,00
10.440.3896	1524.0 x 10.0 mm	m	Factory	15.250,00
10.440.3897	1524.0 x 11.0 mm	m	Factory	16.400,00
10.440.3898	1626.0 x 8.8 mm	m	Factory	14.750,00
10.440.3899	1626.0 x 10.0 mm	m	Factory	16.250,00
10.440.3900	1626.0 x 11.0 mm	m	Factory	17.500,00
10.440.3901	1727.0 x 10.0 mm	m	Factory	17.300,00
10.440.3902	1727.0 x 11.0 mm	m	Factory	18.600,00
10.440.3903	1727.0 x 12.5 mm	m	Factory	20.750,00
10.440.3904	1829.0 x 10.0 mm	m	Factory	18.300,00
10.440.3905	1829.0 x 11.0 mm	m	Factory	19.750,00
10.440.3906	1,829.0 x 12.5 mm	m	Factory	22.000,00
10.440.3907	1930.0 x 10.0 mm	m	Factory	19.350,00
10.440.3908	1930.0 x 11.0 mm	m	Factory	20.850,00
10.440.3909	1930.0 x 12.5 mm	m	Factory	23.250,00
10.440.3910	2032.0 x 10.0 mm	m	Factory	20.350,00
10.440.3911	2032.0 x 11.0 mm	m	Factory	21.950,00
10.440.3912	2032.0 x 12.5 mm	m	Factory	24.500,00
10.440.3913	2134.0 x 11.0 mm	m	Factory	23.050,00
10.440.3914	2134.0 x 12.5 mm	m	Factory	25.700,00
10.440.3915	2134.0 x 14.2 mm	m	Factory	28.700,00
10.440.3916	2235.0 x 11.0 mm	m	Factory	24.150,00
10.440.3917	2235.0 x 12.5 mm	m	Factory	26.900,00
10.440.3918	2235.0 x 14.2 mm	m	Factory	30.075,00
10.440.3919	2337.0 x 12.5 mm	m	Factory	28.150,00
10.440.3920	2337.0 x 14.2 mm	m	Factory	31.450,00
10.440.3921	2337.0 x 16.0 mm	m	Factory	34.750,00
10.440.3922	2438.0 x 12.5 mm	m	Factory	29.375,00
10.440.3923	2438.0 x 14.2 mm	m	Factory	32.800,00
10.440.3924	2438.0 x 16.0 mm	m	Factory	36.300,00
10.440.3925	2540.0 x 14.2 mm	m	Factory	34.200,00
10.440.3926	2540.0 x 16.0 mm	m	Factory	37.800,00
10.440.3927	2540.0 x 17.5 mm	m	Factory	41.000,00
10.440.3928	2642.0 x 16.0 mm	m	Factory	39.350,00
10.440.3929	2642.0 x 17.5 mm	m	Factory	42.750,00
10.440.3930	2642.0 x 20.0 mm	m	Factory	48.000,00
10.440.3931	2845.0 x 17.5 mm	m	Factory	46.000,00
10.440.3932	2845.0 x 20.0 mm	m	Factory	51.700,00
10.440.3933	2845.0 x 22.2 mm	m	Factory	56.650,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.3934	3048.0 x 20.0 mm	m	Factory	55.400,00
10.440.3935	3048.0 x 22.2 mm	m	Factory	60.500,00
10.440.3936	3048.0 x 25.0 mm	m	Factory	67.500,00
10.440.3937	3251.0 x 20.0 mm	m	Factory	59.200,00
10.440.3938	3251.0 x 22.2 mm	m	Factory	64.800,00
10.440.3939	3251.0 x 25.0 mm	m	Factory	72.000,00
10.440.3940	3454.4 x 22.2 mm	m	Factory	68.900,00
10.440.3941	3454.4 x 25.0 mm	m	Factory	76.500,00
10.440.3942	3454.4 x 28.0 mm	m	Factory	84.800,00
10.440.3943	3657.6 x 22.2 mm	m	Factory	73.000,00
10.440.3944	3657.6 x 25.0 mm	m	Factory	81.000,00
10.440.3945	3657.6 x 28.0 mm	m	Factory	89.800,00
10.440.3999	Dedicated parts for each diameter size	Kg	Factory	100,00
St 44				
External diameter (mm) x Wall thickness (mm)				
10.440.4000	219.1 x 3.2 mm	m	Factory	1.070,00
10.440.4001	219.1 x 3.6 mm	m	Factory	1.150,00
10.440.4002	219.1 x 4.0 mm	m	Factory	1.230,00
10.440.4003	273.0 x 3.2 mm	m	Factory	1.345,00
10.440.4004	273.0 x 3.6 mm	m	Factory	1.445,00
10.440.4005	273.0 x 4.0 mm	m	Factory	1.550,00
10.440.4006	323.9 x 3.6 mm	m	Factory	1.720,00
10.440.4007	323.9 x 4.0 mm	m	Factory	1.840,00
10.440.4008	323.9 x 4.5 mm	m	Factory	1.985,00
10.440.4009	355.6 x 3.6 mm	m	Factory	1.890,00
10.440.4010	355.6 x 4.0 mm	m	Factory	2.020,00
10.440.4011	355.6 x 4.5 mm	m	Factory	2.180,00
10.440.4012	406.4 x 4.0 mm	m	Factory	2.160,00
10.440.4013	406.4 x 4.5 mm	m	Factory	2.310,00
10.440.4014	406.4 x 5.0 mm	m	Factory	2.495,00
10.440.4015	508.0 x 4.0 mm	m	Factory	2.585,00
10.440.4016	508.0 x 4.5 mm	m	Factory	2.750,00
10.440.4017	508.0 x 5.0 mm	m	Factory	2.965,00
10.440.4018	609.6 x 4.0 mm	m	Factory	3.310,00
10.440.4019	609.6 x 4.5 mm	m	Factory	3.565,00
10.440.4020	609.6 x 5.0 mm	m	Factory	3.820,00
10.440.4021	711.2 x 4.5 mm	m	Factory	3.860,00
10.440.4022	711.2 x 5.0 mm	m	Factory	4.160,00
10.440.4023	711.2 x 5.6 mm	m	Factory	4.460,00
10.440.4024	812.8 x 4.5 mm	m	Factory	5.600,00
10.440.4025	812.8 x 5.0 mm	m	Factory	6.075,00
10.440.4026	812.8 x 5.6 mm	m	Factory	6.620,00
10.440.4027	914.4 x 5.6 mm	m	Factory	6.300,00
10.440.4028	914.4 x 6.3 mm	m	Factory	6.840,00
10.440.4029	914.4 x 7.1 mm	m	Factory	7.450,00
10.440.4030	1016.0 x 6.3 mm	m	Factory	7.000,00
10.440.4031	1016.0 x 7.1 mm	m	Factory	7.600,00
10.440.4032	1016.0 x 8.0 mm	m	Factory	8.285,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.4033	1118.0 x 6.3 mm	m	Factory	8.060,00
10.440.4034	1118.0 x 7.1 mm	m	Factory	8.770,00
10.440.4035	1118.0 x 8.0 mm	m	Factory	9.570,00
10.440.4036	1220.0 x 7.1 mm	m	Factory	8.780,00
10.440.4037	1220.0 x 8.0 mm	m	Factory	9.575,00
10.440.4038	1220.0 x 8.8 mm	m	Factory	10.500,00
10.440.4039	1321.0 x 7.1 mm	m	Factory	10.370,00
10.440.4040	1321.0 x 8.0 mm	m	Factory	11.300,00
10.440.4041	1321.0 x 8.8 mm	m	Factory	12.150,00
10.440.4042	1422.4 x 7.1 mm	m	Factory	12.200,00
10.440.4043	1422.4 x 8.0 mm	m	Factory	13.100,00
10.440.4044	1422.4 x 8.8 mm	m	Factory	14.450,00
10.440.4045	1524.0 x 8.8 mm	m	Factory	14.000,00
10.440.4046	1524.0 x 10.0 mm	m	Factory	15.550,00
10.440.4047	1524.0 x 11.0 mm	m	Factory	16.700,00
10.440.4048	1626.0 x 10.0 mm	m	Factory	15.000,00
10.440.4049	1626.0 x 11.0 mm	m	Factory	16.500,00
10.440.4050	1626.0 x 12.5 mm	m	Factory	17.850,00
10.440.4051	1727.0 x 10.0 mm	m	Factory	17.570,00
10.440.4052	1727.0 x 11.0 mm	m	Factory	18.950,00
10.440.4053	1727.0 x 12.5 mm	m	Factory	21.130,00
10.440.4054	1829.0 x 10.0 mm	m	Factory	18.600,00
10.440.4055	1829.0 x 11.0 mm	m	Factory	20.000,00
10.440.4056	1,829.0 x 12.5 mm	m	Factory	22.400,00
10.440.4057	1930.0 x 11.0 mm	m	Factory	19.650,00
10.440.4058	1930.0 x 12.5 mm	m	Factory	21.200,00
10.440.4059	1930.0 x 14.2 mm	m	Factory	23.600,00
10.440.4060	2032.0 x 11.0 mm	m	Factory	20.700,00
10.440.4061	2032.0 x 12.5 mm	m	Factory	22.300,00
10.440.4062	2032.0 x 14.2 mm	m	Factory	24.875,00
10.440.4063	2134.0 x 11.0 mm	m	Factory	23.450,00
10.440.4064	2134.0 x 12.5 mm	m	Factory	26.150,00
10.440.4065	2134.0 x 14.2 mm	m	Factory	29.200,00
10.440.4066	2235.0 x 11.0 mm	m	Factory	24.500,00
10.440.4067	2235.0 x 12.5 mm	m	Factory	27.370,00
10.440.4068	2235.0 x 14.2 mm	m	Factory	30.500,00
10.440.4069	2337.0 x 12.5 mm	m	Factory	28.500,00
10.440.4070	2337.0 x 14.2 mm	m	Factory	32.000,00
10.440.4071	2337.0 x 16.0 mm	m	Factory	35.500,00
10.440.4072	2438.0 x 12.5 mm	m	Factory	29.870,00
10.440.4073	2438.0 x 14.2 mm	m	Factory	33.400,00
10.440.4074	2438.0 x 16.0 mm	m	Factory	36.950,00
10.440.4075	2540.0 x 12.5 mm	m	Factory	34.800,00
10.440.4076	2540.0 x 14.2 mm	m	Factory	38.500,00
10.440.4077	2540.0 x 16.0 mm	m	Factory	41.800,00
10.440.4078	2642.0 x 14.2 mm	m	Factory	40.000,00
10.440.4079	2642.0 x 16.0 mm	m	Factory	43.500,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.4080	2642.0 x 17.5 mm	m	Factory	48.850,00
10.440.4081	2845.0 x 16.0 mm	m	Factory	46.850,00
10.440.4082	2845.0 x 17.5 mm	m	Factory	52.650,00
10.440.4083	2845.0 x 20.0 mm	m	Factory	57.700,00
10.440.4084	3048.0 x 16.0 mm	m	Factory	56.400,00
10.440.4085	3048.0 x 17.5 mm	m	Factory	61.850,00
10.440.4086	3048.0 x 20.0 mm	m	Factory	68.750,00
10.440.4087	3251.0 x 17.5 mm	m	Factory	60.200,00
10.440.4088	3251.0 x 20.0 mm	m	Factory	66.000,00
10.440.4089	3251.0 x 22.2 mm	m	Factory	73.400,00
10.440.4090	3454.4 x 20.0 mm	m	Factory	70.150,00
10.440.4091	3454.4 x 22.2 mm	m	Factory	78.000,00
10.440.4092	3454.4 x 25.0 mm	m	Factory	86.400,00
10.440.4093	3657.6 x 20.0 mm	m	Factory	74.300,00
10.440.4094	3657.6 x 22.2 mm	m	Factory	82.600,00
10.440.4095	3657.6 x 25.0 mm	m	Factory	91.500,00
10.440.4099	Dedicated parts for each diameter size	Kg	Factory	105,00
St 52				
External diameter (mm) x Wall thickness (mm)				
10.440.4100	1829.0 x 10.0 mm	m	Factory	18.900,00
10.440.4101	1829.0 x 11.0 mm	m	Factory	20.400,00
10.440.4102	1,829.0 x 12.5 mm	m	Factory	22.750,00
10.440.4103	1930.0 x 10.0 mm	m	Factory	19.950,00
10.440.4104	1930.0 x 11.0 mm	m	Factory	21.500,00
10.440.4105	1930.0 x 12.5 mm	m	Factory	24.000,00
10.440.4106	2032.0 x 11.0 mm	m	Factory	21.000,00
10.440.4107	2032.0 x 12.5 mm	m	Factory	22.675,00
10.440.4108	2032.0 x 14.2 mm	m	Factory	25.300,00
10.440.4109	2134.0 x 11.0 mm	m	Factory	23.800,00
10.440.4110	2134.0 x 12.5 mm	m	Factory	26.500,00
10.440.4111	2134.0 x 14.2 mm	m	Factory	29.700,00
10.440.4112	2235.0 x 11.0 mm	m	Factory	24.950,00
10.440.4113	2235.0 x 12.5 mm	m	Factory	27.800,00
10.440.4114	2235.0 x 14.2 mm	m	Factory	31.200,00
10.440.4115	2337.0 x 11.0 mm	m	Factory	29.100,00
10.440.4116	2337.0 x 12.5 mm	m	Factory	32.500,00
10.440.4117	2337.0 x 14.2 mm	m	Factory	36.000,00
10.440.4118	2438.0 x 12.5 mm	m	Factory	30.400,00
10.440.4119	2438.0 x 14.2 mm	m	Factory	33.950,00
10.440.4120	2438.0 x 16.0 mm	m	Factory	37.570,00
10.440.4121	2540.0 x 12.5 mm	m	Factory	35.400,00
10.440.4122	2540.0 x 14.2 mm	m	Factory	39.150,00
10.440.4123	2540.0 x 16.0 mm	m	Factory	42.500,00
10.440.4124	2642.0 x 14.2 mm	m	Factory	40.700,00
10.440.4125	2642.0 x 16.0 mm	m	Factory	44.300,00
10.440.4126	2642.0 x 17.5 mm	m	Factory	49.700,00
10.440.4127	2845.0 x 16.0 mm	m	Factory	47.700,00
10.440.4128	2845.0 x 17.5 mm	m	Factory	53.500,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.4129	2845.0 x 20.0 mm	m	Factory	58.700,00
10.440.4130	3048.0 x 16.0 mm	m	Factory	57.400,00
10.440.4131	3048.0 x 17.5 mm	m	Factory	63.000,00
10.440.4132	3048.0 x 20.0 mm	m	Factory	70.000,00
10.440.4133	3251.0 x 17.5 mm	m	Factory	61.250,00
10.440.4134	3251.0 x 20.0 mm	m	Factory	67.200,00
10.440.4135	3251.0 x 22.2 mm	m	Factory	74.700,00
10.440.4136	3454.4 x 20.0 mm	m	Factory	71.400,00
10.440.4137	3454.4 x 22.2 mm	m	Factory	79.400,00
10.440.4138	3454.4 x 25.0 mm	m	Factory	88.000,00
10.440.4139	3657.6 x 20.0 mm	m	Factory	75.600,00
10.440.4140	3657.6 x 22.2 mm	m	Factory	84.000,00
10.440.4141	3657.6 x 25.0 mm	m	Factory	93.000,00
10.440.4199	Dedicated parts for each diameter size	Kg	Factory	110,00
DUCTILE CAST IRON POTABLE WATER PIPES (Ductile cast iron pipes) (TS EN 545) (Prices of sleeves and seals shall be included) Note: Market Prices of other diameters will be interpolated.				
K9 Class				
10.440.4300	Ø80 mm nominal diameter	m	Factory	500,00
10.440.4301	Ø100 mm nominal diameter	m	Factory	570,00
10.440.4302	Ø125 mm nominal diameter	m	Factory	635,00
10.440.4303	Ø150 mm nominal diameter	m	Factory	770,00
10.440.4304	Ø200 mm nominal diameter	m	Factory	1.060,00
10.440.4305	Ø250 mm nominal diameter	m	Factory	1.410,00
10.440.4306	Ø300 mm nominal diameter	m	Factory	1.800,00
10.440.4307	Ø350 mm nominal diameter	m	Factory	2.300,00
10.440.4308	Ø400 mm nominal diameter	m	Factory	2.750,00
10.440.4309	Ø450 mm nominal diameter	m	Factory	3.320,00
10.440.4310	Ø500 mm nominal diameter	m	Factory	3.900,00
10.440.4311	Ø600 mm nominal diameter	m	Factory	5.100,00
10.440.4312	Ø700 mm nominal diameter	m	Factory	6.600,00
10.440.4313	Ø800 mm nominal diameter	m	Factory	8.300,00
10.440.4314	Ø900 mm nominal diameter	m	Factory	9.950,00
10.440.4315	Ø1,000 mm nominal diameter	m	Factory	11.800,00
10.440.4316	Ø 1100 mm nominal diameter	m	Factory	13.900,00
10.440.4317	Ø1200 mm nominal diameter	m	Factory	16.000,00
10.440.4318	Ø1400 mm nominal diameter	m	Factory	27.500,00
10.440.4319	Ø1500 mm nominal diameter	m	Factory	31.000,00
10.440.4320	Ø1600 mm nominal diameter	m	Factory	36.000,00
10.440.4321	Ø1800 mm nominal diameter	m	Factory	45.000,00
10.440.4322	Ø2000 mm nominal diameter	m	Factory	56.500,00
C25 Class				
10.440.4340	Ø700 mm nominal diameter	m	Factory	5.700,00
10.440.4341	Ø800 mm nominal diameter	m	Factory	7.100,00
10.440.4342	Ø900 mm nominal diameter	m	Factory	8.800,00
10.440.4343	Ø1,000 mm nominal diameter	m	Factory	10.700,00
10.440.4344	Ø 1100 mm nominal diameter	m	Factory	12.800,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.440.4345	Ø1200 mm nominal diameter	m	Factory	15.000,00
10.440.4346	Ø1400 mm nominal diameter	m	Factory	25.500,00
10.440.4347	Ø1500 mm nominal diameter	m	Factory	29.000,00
10.440.4348	Ø1600 mm nominal diameter	m	Factory	32.750,00
C30 Class				
10.440.4360	Ø350 mm nominal diameter	m	Factory	2.190,00
10.440.4361	Ø400 mm nominal diameter	m	Factory	2.550,00
10.440.4362	Ø450 mm nominal diameter	m	Factory	3.000,00
10.440.4363	Ø500 mm nominal diameter	m	Factory	3.450,00
10.440.4364	Ø600 mm nominal diameter	m	Factory	4.750,00
10.440.4365	Ø700 mm nominal diameter	m	Factory	6.300,00
10.440.4366	Ø800 mm nominal diameter	m	Factory	8.100,00
10.440.4367	Ø900 mm nominal diameter	m	Factory	10.000,00
10.440.4368	Ø1,000 mm nominal diameter	m	Factory	12.000,00
10.440.4369	Ø 1100 mm nominal diameter	m	Factory	14.500,00
10.440.4370	Ø1200 mm nominal diameter	m	Factory	16.500,00
10.440.4371	Ø1400 mm nominal diameter	m	Factory	29.000,00
10.440.4372	Ø1500 mm nominal diameter	m	Factory	33.000,00
10.440.4373	Ø1600 mm nominal diameter	m	Factory	38.000,00
C40 Class				
10.440.4380	Ø80 mm nominal diameter	m	Factory	460,00
10.440.4381	Ø100 mm nominal diameter	m	Factory	490,00
10.440.4382	Ø125 mm nominal diameter	m	Factory	565,00
10.440.4383	Ø150 mm nominal diameter	m	Factory	670,00
10.440.4384	Ø200 mm nominal diameter	m	Factory	950,00
10.440.4385	Ø250 mm nominal diameter	m	Factory	1.350,00
10.440.4386	Ø300 mm nominal diameter	m	Factory	1.750,00
10.440.4399	Dedicated parts for each diameter size	Kg	Factory	105,00
CONCRETE AND REINFORCED CONCRETE PIPES (with Steam-cured Bellmouth Couplings) (TS 821 EN 1916)				
10.450.4001	1500-mm-long concrete pipes with Ø150-mm inner diameter and 30-40-mm thickness	Qty	On the job	120,00
10.450.4002	1500-mm-long concrete pipes with Ø200-mm inner diameter and 30-40-mm thickness	Qty	On the job	175,00
10.450.4003	1500-mm-long concrete pipes with Ø300-mm inner diameter and 45-50-mm thickness	Qty	On the job	275,00
10.450.4004	1500-mm-long concrete pipes with Ø400-mm inner diameter and 50-60-mm thickness	Qty	On the job	450,00
10.450.4005	2000-mm-long concrete pipes with Ø500-mm inner diameter and 60-70-mm thickness	Qty	On the job	785,00
10.450.4006	2000-mm-long concrete pipes with Ø600-mm inner diameter and 70-80-mm thickness	Qty	On the job	1.000,00
10.450.4007	2000-mm-long reinforced concrete pipes with Ø800-mm inner diameter and 90-95-mm thickness	Qty	On the job	2.250,00
10.450.4008	2000-mm-long reinforced concrete pipes with Ø1000-mm inner diameter and 105-120-mm thickness	Qty	On the job	3.200,00
10.450.4009	2000-mm-long reinforced concrete pipes with Ø1200-mm inner diameter and 120-140-mm thickness	Qty	On the job	4.350,00
10.450.4010	2000-mm-long reinforced concrete pipes with Ø1400-mm inner diameter and 140-160-mm thickness	Qty	On the job	5.600,00
10.450.4021	1500-mm-long concrete pipes with integrated seal, Ø150-mm inner diameter and 30-40-mm thickness	Qty	On the job	190,00
10.450.4022	1500-mm-long concrete pipes with integrated seal, Ø200-mm inner diameter and 30-40-mm thickness	Qty	On the job	225,00
10.450.4023	1500-mm-long concrete pipes with integrated seal, Ø300-mm inner diameter and 45-50-mm thickness	Qty	On the job	365,00
10.450.4024	1500-mm-long concrete pipes with integrated seal, Ø400-mm inner diameter and 50-60-mm thickness	Qty	On the job	570,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.450.4025	2000-mm-long concrete pipes with integrated seal, Ø500-mm inner diameter and 60-70-mm thickness	Qty	On the job	1.050,00
10.450.4026	2000-mm-long concrete pipes with integrated seal, Ø600-mm inner diameter and 70-80-mm thickness	Qty	On the job	1.275,00
10.450.4027	2000-mm-long reinforced concrete pipes with integrated seal, Ø800-mm inner diameter and 90-100-mm thickness	Qty	On the job	3.175,00
10.450.4028	2000-mm-long reinforced concrete pipes with integrated seal, Ø1000-mm inner diameter and 110-115-mm thickness	Qty	On the job	3.700,00
10.450.4029	2000-mm-long reinforced concrete pipes with integrated seal, Ø1200-mm inner diameter and 135-mm thickness	Qty	On the job	5.000,00
10.450.4030	2,000-mm-long reinforced concrete pipes with integrated seal, Ø1400-mm inner diameter and 140-150-mm thickness	Qty	On the job	6.800,00
CONCRETE INSPECTION CHAMBERS (TS EN 1917)				
Inspection Chamber Base Slab (Steam-cured)				
10.450.4051	Inspection Chamber Base with Ø1000-mm inner diameter and Ø200/300/400-mm Input/Output Diameter	Qty	On the job	2.050,00
10.450.4052	Inspection Chamber Base with Ø1000-mm inner diameter and Ø500/600-mm Input/Output Diameter	Qty	On the job	2.700,00
10.450.4053	Inspection Chamber Base with Ø1200-mm inner diameter and Ø200/300/400-mm Input/Output Diameter	Qty	On the job	2.900,00
10.450.4054	Inspection Chamber Base with Ø1200-mm inner diameter and Ø500/600-mm Input/Output Diameter	Qty	On the job	3.600,00
10.450.4055	Inspection Chamber Base with Ø1200-mm inner diameter and Ø800-mm Input/Output Diameter	Qty	On the job	4.850,00
10.450.4056	Inspection Chamber Base with Ø1200-mm inner diameter and Ø1000/1200-mm Input/Output Diameter	Qty	On the job	6.000,00
10.450.4057	Inspection Chamber Base with Ø1400-mm inner diameter and Ø1400-mm Input/Output Diameter	Qty	On the job	8.700,00
Concrete Manhole Collar (Steam-cured)				
10.450.4081	Inspection chamber ring with Ø1000-mm inner diameter (13-15 cm wall thickness) (h: 350 mm)	Qty	On the job	395,00
10.450.4082	Inspection chamber ring with Ø1000-mm inner diameter (13-15 cm wall thickness) (h: 600 mm)	Qty	On the job	625,00
10.450.4083	Inspection chamber ring with Ø1200-mm inner diameter (13-15 cm wall thickness) (h: 600 mm)	Qty	On the job	1.350,00
10.450.4084	Inspection chamber ring with Ø1200-mm inner diameter (13-15 cm wall thickness) (h: 350 mm)	Qty	On the job	870,00
Manhole Cone (Steam-cured)				
10.450.4101	Inspection Chamber Cone with Ø1000/620 inner diameter (h: 650 mm)	Qty	On the job	860,00
10.450.4102	Inspection Chamber Cone with Ø1200/620 inner diameter (h: 780 mm)	Qty	On the job	1.350,00
Manhole Neck Ring (Steam-cured)				
10.450.4111	Inspection chamber ring with Ø620-mm inner diameter (13-15 cm wall thickness) (h: 250 mm)	Qty	On the job	395,00
Frame Installation Component (Steam-Cured)				
10.450.4121	Inspection chamber frame installation component (h: 180 - 300 mm)	Qty	On the job	515,00
Manhole Base Slab (Steam-cured)				
10.450.4131	Base slab with 800x800-mm internal size and Ø150/200-mm entrance (10 cm wall thickness)	Qty	On the job	1.100,00
Manhole Chamber - Riser (Steam-Cured)				
10.450.4141	Manhole chamber with 800x800-mm internal size (h: 500 mm) (10 cm wall thickness)	Qty	On the job	570,00
10.450.4142	Manhole riser with 800x800-mm internal size (h: 250 mm) (10 cm wall thickness)	Qty	On the job	340,00
Manhole Cover (Steam-cured)				
10.450.4151	100x50-cm manhole cover (without frame) (10 cm wall thickness)	Qty	On the job	340,00
10.450.4152	100 x 50-cm manhole cover (with frame) (10 cm wall thickness)	Qty	On the job	670,00
RUBBER SEALS (Hardness class 50, in compliance with TS EN 681-1)				
O-ring seals				
10.450.4201	Ø150 mm	Qty	On the job	12,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.450.4202	Ø200 mm	Qty	On the job	25,00
10.450.4203	Ø300 mm	Qty	On the job	43,00
10.450.4204	Ø400 mm	Qty	On the job	50,00
10.450.4205	Ø500 mm	Qty	On the job	70,00
10.450.4206	Ø600 mm	Qty	On the job	80,00
10.450.4207	Ø700 mm	Qty	On the job	90,00
10.450.4208	Ø800 mm	Qty	On the job	110,00
10.450.4209	Ø1000 mm	Qty	On the job	145,00
10.450.4210	Ø1200 mm	Qty	On the job	175,00
10.450.4211	Ø1400 mm	Qty	On the job	265,00
10.450.4212	Ø1600 mm	Qty	On the job	305,00
10.450.4213	Ø1800 mm	Qty	On the job	365,00
10.450.4214	Ø2000 mm	Qty	On the job	450,00
10.450.4215	Ø2200 mm	Qty	On the job	485,00
10.450.4216	Ø2400 mm	Qty	On the job	530,00
10.450.4217	Ø2600 mm	Qty	On the job	590,00
10.450.4218	Ø2800 mm	Qty	On the job	630,00
10.450.4219	Ø3000 mm	Qty	On the job	690,00
Single-clamped seals				
10.450.4231	Ø600 mm	Qty	On the job	90,00
10.450.4232	Ø1000 mm	Qty	On the job	145,00
10.450.4233	Ø1200 mm	Qty	On the job	185,00
Two-clamped seals				
10.450.4251	Ø600 mm	Qty	On the job	130,00
10.450.4252	Ø1000 mm	Qty	On the job	220,00
10.450.4253	Ø1200 mm	Qty	On the job	250,00
10.450.4254	Ø1400 mm	Qty	On the job	400,00
10.450.4255	Ø1600 mm	Qty	On the job	500,00
10.450.4256	Ø1800 mm	Qty	On the job	650,00
10.450.4257	Ø2000 mm	Qty	On the job	750,00
10.450.4258	Ø2200 mm	Qty	On the job	900,00
10.450.4259	Ø2400 mm	Qty	On the job	1.000,00
10.450.4260	Ø2600 mm	Qty	On the job	1.150,00
10.450.4261	Ø2800 mm	Qty	On the job	1.300,00
10.450.4262	Ø3000 mm	Qty	On the job	1.500,00
Integrated seals (in compliance with TS 681-1, hardness class: 50 or 40-70 CO-EXT) (double hardness)				
10.450.4271	Ø150 mm	Qty	On the job	22,00
10.450.4272	Ø200 mm	Qty	On the job	26,00
10.450.4273	Ø300 mm	Qty	On the job	55,00
10.450.4274	Ø400 mm	Qty	On the job	85,00
10.450.4275	Ø500 mm	Qty	On the job	105,00
10.450.4276	Ø600 mm	Qty	On the job	125,00
10.450.4277	Ø800 mm	Qty	On the job	260,00
10.450.4278	Ø1000 mm	Qty	On the job	340,00
10.450.4279	Ø1200 mm	Qty	On the job	400,00
10.450.4280	Ø1400 mm	Qty	On the job	900,00
10.450.4281	Ø1600 mm	Qty	On the job	1.100,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.450.4282	Ø1800 mm	Qty	On the job	1.200,00
10.450.4283	Ø2000 mm	Qty	On the job	1.300,00
10.450.4284	Ø2200 mm	Qty	On the job	1.450,00
PE-BASED MANHOLE OR INSPECTION CHAMBER COMPONENTS (TS EN 13598-2)				
10.450.4301	PE-based manhole or inspection chamber cover, Ø600 mm in nominal diameter (Regular, Locked, Sealed type, including installation components) (TS EN 124-6 - A15)	Qty	On the job	850,00
10.450.4302	PE-based Manhole or Inspection Chamber neck ring, Ø600 mm in nominal diameter (H=0.40 m)	Qty	On the job	1.150,00
10.450.4303	Prefabricated base slab for PE-based Manhole or Inspection Chamber Ø600 mm in nominal diameter (H=0.80 m) - Outlet 200 mm	Qty	On the job	1.700,00
10.450.4311	PE-based Street Outlet Ø400 mm in nominal diameter - Street manhole with 200 mm outlet	Qty	On the job	1.450,00
10.450.4312	PE-based Street Outlet Ø400 mm in nominal diameter - Street manhole with 200 mm outlet - Bottom outlet	Qty	On the job	1.450,00
10.450.4313	PE-based House Connection Manhole in Ø400 mm nominal diameter, 1 Entrance / 1 Exit - 200/160 mm (H=0.80 m)	Qty	On the job	900,00
10.450.4314	PE-based House Connection Manhole in Ø400 mm nominal diameter, 3 Entrance / 1 Exit - 200/160 mm (H=0.80 m)	Qty	On the job	900,00
10.450.4315	PE-based house connection manhole cover that is Ø400 mm in diameter (Regular, Locked, Sealed type, including installation components) (TS EN 124-6 - B125)	Qty	On the job	800,00
10.450.4331	Prefabricated base slab for PE-based Manhole or Inspection Chamber Ø800 mm in nominal diameter (H=0.80 m)	Qty	On the job	1.800,00
10.450.4332	Prefabricated chamber ring with steps for PE-based Manhole or Inspection Chamber Ø800 mm in nominal diameter (H=0.50 m)	Qty	On the job	1.850,00
10.450.4333	Prefabricated chamber ring with steps for PE-based Manhole or Inspection Chamber Ø800 mm in nominal diameter (H=1.00 m)	Qty	On the job	2.750,00
10.450.4334	Prefabricated stepped taper for PE-based Manhole or Inspection Chamber Ø800 mm in nominal diameter (H=0.45 m)	Qty	On the job	1.650,00
10.450.4335	Prefabricated stepped taper for PE-based Manhole or Inspection Chamber Ø800 mm in nominal diameter (H=0.70 m)	Qty	On the job	1.950,00
10.450.4336	Prefabricated base slab for PE-based Manhole or Inspection Chamber Ø800 mm in nominal diameter (H=0.80 m) - Exit 300/200 mm	Qty	On the job	1.950,00
10.450.4337	Prefabricated base slab for PE-based Manhole or Inspection Chamber Ø800 mm in nominal diameter (H=0.80 m) - Entrance 300/200 mm - Exit 300/200 mm	Qty	On the job	1.950,00
10.450.4338	Prefabricated base slab for PE-based Inspection Chamber Ø800 mm in nominal diameter (H=0.80 m) - Entrance 300/200 mm - Exit 300/200 mm (15, 30, 45, 75, 90 etc. degrees of angles)	Qty	On the job	1.950,00
10.450.4351	Prefabricated base slab for PE-based Inspection Chamber Ø1000 mm in nominal diameter (H=1.00 m)	Qty	On the job	3.000,00
10.450.4352	Prefabricated chamber ring with steps for PE-based Inspection Chamber Ø1000 mm in nominal diameter (H=0.50 m)	Qty	On the job	2.400,00
10.450.4353	Prefabricated chamber ring with steps for PE-based Inspection Chamber Ø1000 mm in nominal diameter (H=1.00 m)	Qty	On the job	4.000,00
10.450.4354	Prefabricated taper with steps for PE-based Inspection Chamber Ø1000 mm in nominal diameter (H=0.75 m)	Qty	On the job	2.700,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.450.4355	Prefabricated taper with steps for PE-based Inspection Chamber Ø1000 mm in nominal diameter (H=1.00 m)	Qty	On the job	3.150,00
10.450.4356	Prefabricated base slab for PE-based Manhole or Inspection Chamber Ø1000 mm in nominal diameter (H=0.75 m) - Entrance 300/200 mm - Exit 300/200 mm	Qty	On the job	2.750,00
10.450.4357	Prefabricated base slab for PE-based Manhole or Inspection Chamber Ø1000 mm in nominal diameter (H=0.75 m) - Entrance 500/400 mm - Exit 500/400 mm	Qty	On the job	2.750,00
10.450.4358	Prefabricated base slab for PE-based Inspection Chamber Ø1000 mm in nominal diameter (H=0.75 m) - Entrance 300/200 mm - Exit 300/200 mm (15, 30, 45, 75, 90 etc. degrees of angles)	Qty	On the job	2.750,00
10.450.4359	Prefabricated base slab for PE-based Inspection Chamber Ø1000 mm in nominal diameter (H=0.75 m) - Entrance 500/400 mm - Exit 500/400 mm (15, 30, 45, 75, 90 etc. degrees of angles)	Qty	On the job	2.750,00
10.450.4360	Prefabricated base slab for PE-based Inspection Chamber Ø1000 mm in nominal diameter (H=0.75 mm)	Qty	On the job	2.250,00
10.450.4361	Prefabricated base slab for PE-based Inspection Chamber Ø1000 mm in nominal diameter (H=0.75 mm) - 3 Entrances, 300/200 mm - 1 Exit, 300/200 mm	Qty	On the job	2.750,00
10.450.4362	Prefabricated base slab for PE-based Inspection Chamber Ø1000 mm in nominal diameter (H=0.75 mm) - 3 Entrances 500/400 mm - 1 Exit 500/400 mm	Qty	On the job	2.750,00
10.450.4381	Prefabricated base slab for PE-based Inspection Chamber Ø1250 mm in nominal diameter (H=1.25 m)	Qty	On the job	5.200,00
10.450.4382	Prefabricated chamber ring with steps for PE-based Inspection Chamber Ø1,250 mm in nominal diameter (H=0.50 m)	Qty	On the job	3.500,00
10.450.4383	Prefabricated chamber ring with steps for PE-based Inspection Chamber Ø1,250 mm in nominal diameter (H=1.00 m)	Qty	On the job	6.200,00
10.450.4384	Prefabricated taper with steps for PE-based Inspection Chamber Ø1250 mm in nominal diameter (H=0.75 m)	Qty	On the job	3.900,00
10.450.4385	Prefabricated base slab for PE-based Manhole or Inspection Chamber Ø1250 mm in nominal diameter (H=1.00 m)	Qty	On the job	4.550,00
CELLULAR FILLING SYSTEM (HDPE-based - Perforated/Unperforated) (TS EN 13251) Wall Thickness (mm) / Welding Interval (cm) / Height (cm)				
10.450.5001	1.5 mm / 33 cm / 5 cm	m ²	On the job	80,00
10.450.5002	1.5 mm / 33 cm / 7.5 cm	m ²	On the job	115,00
10.450.5003	1.5 mm / 33 cm / 10 cm	m ²	On the job	155,00
10.450.5004	1.5 mm / 33 cm / 12 cm	m ²	On the job	180,00
10.450.5005	1.5 mm / 33 cm / 15 cm	m ²	On the job	230,00
10.450.5006	1.5 mm / 33 cm / 20 cm	m ²	On the job	300,00
10.450.5011	1.5 mm / 35-36 cm / 5 cm	m ²	On the job	72,00
10.450.5012	1.5 mm / 35-36 cm / 7.5 cm	m ²	On the job	105,00
10.450.5013	1.5 mm / 35-36 cm / 10 cm	m ²	On the job	145,00
10.450.5014	1.5 mm / 35-36 cm / 12 cm	m ²	On the job	170,00
10.450.5015	1.5 mm / 35-36 cm / 15 cm	m ²	On the job	210,00
10.450.5016	1.5 mm / 35-36 cm / 20 cm	m ²	On the job	285,00
10.450.5021	1.5 mm / 40 cm / 5 cm	m ²	On the job	60,00
10.450.5022	1.5 mm / 40 cm / 7.5 cm	m ²	On the job	90,00
10.450.5023	1.5 mm / 40 cm / 10 cm	m ²	On the job	120,00
10.450.5024	1.5 mm / 40 cm / 12 cm	m ²	On the job	145,00
10.450.5025	1.5 mm / 40 cm / 15 cm	m ²	On the job	175,00
10.450.5026	1.5 mm / 40 cm / 20 cm	m ²	On the job	250,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.450.5031	1.5 mm / 44-45 cm / 5 cm	m ²	On the job	53,00
10.450.5032	1.5 mm / 44-45 cm / 7.5 cm	m ²	On the job	80,00
10.450.5033	1.5 mm / 44-45 cm / 10 cm	m ²	On the job	105,00
10.450.5034	1.5 mm / 44-45 cm / 12 cm	m ²	On the job	130,00
10.450.5035	1.5 mm / 44-45 cm / 15 cm	m ²	On the job	160,00
10.450.5036	1.5 mm / 44-45 cm / 20 cm	m ²	On the job	210,00
10.450.5041	1.5 mm / 60 cm / 5 cm	m ²	On the job	43,00
10.450.5042	1.5 mm / 60 cm / 7.5 cm	m ²	On the job	60,00
10.450.5043	1.5 mm / 60 cm / 10 cm	m ²	On the job	82,00
10.450.5044	1.5 mm / 60 cm / 12 cm	m ²	On the job	100,00
10.450.5045	1.5 mm / 60 cm / 15 cm	m ²	On the job	120,00
10.450.5046	1.5 mm / 60 cm / 20 cm	m ²	On the job	165,00
10.450.5051	1.5 mm / 65-66 cm / 5 cm	m ²	On the job	37,00
10.450.5052	1.5 mm / 65-66 cm / 7.5 cm	m ²	On the job	58,00
10.450.5053	1.5 mm / 65-66 cm / 10 cm	m ²	On the job	76,00
10.450.5054	1.5 mm / 65-66 cm / 12 cm	m ²	On the job	91,00
10.450.5055	1.5 mm / 65-66 cm / 15 cm	m ²	On the job	115,00
10.450.5056	1.5 mm / 65-66 cm / 20 cm	m ²	On the job	150,00
COMPOSITE DRAINAGE COVER (TS EN 13257) (With Polypropylene Geotextile Felt Lamination on HDPE grating)				
10.450.5101	HDPE grating 500 g/m ² + single-side 200 g/m ² Geotextile Felt Laminated	m ²	On the job	60,00
10.450.5102	HDPE grating 600 g/m ² + single-side 200 g/m ² Geotextile Felt Laminated	m ²	On the job	67,00
10.450.5103	HDPE grating 700 g/m ² + single-side 200 g/m ² Geotextile Felt Laminated	m ²	On the job	75,00
10.450.5104	HDPE grating 800 g/m ² + single-side 200 g/m ² Geotextile Felt Laminated	m ²	On the job	82,00
10.450.5121	HDPE grating 500 g/m ² + two-side 200 g/m ² Geotextile Felt Laminated	m ²	On the job	82,00
10.450.5122	HDPE grating 600 g/m ² + two-side 200 g/m ² Geotextile Felt Laminated	m ²	On the job	90,00
10.450.5123	HDPE grating 700 g/m ² + two-side 200 g/m ² Geotextile Felt Laminated	m ²	On the job	95,00
10.450.5124	HDPE grating 800 g/m ² + two-side 200 g/m ² Geotextile Felt Laminated	m ²	On the job	105,00
GEOSYNTHETIC CLAY COVER (TS EN 13361 - TS EN 13362)				
Bottom Layer 100 g/m² PP Braided Geotextile Top Layer 200 g/m² PP Unbraided Geotextile				
10.450.5151	Geosynthetic Clay Cover, Total Weight: 4500 g/m ²	m ²	On the job	85,00
10.450.5152	Geosynthetic Clay Cover, Total Weight: 5500 g/m ²	m ²	On the job	90,00
10.450.5153	Geosynthetic Clay Cover, Total Weight: 6500 g/m ²	m ²	On the job	95,00
Bottom Layer 200 g/m² PP Braided Geotextile Top Layer 300 g/m² PP Unbraided Geotextile				
10.450.5171	Geosynthetic Clay Cover, Total Weight: 4500 g/m ²	m ²	On the job	105,00
10.450.5172	Geosynthetic Clay Cover, Total Weight: 5500 g/m ²	m ²	On the job	110,00
10.450.5173	Geosynthetic Clay Cover, Total Weight: 6500 g/m ²	m ²	On the job	115,00
GEOGRID GROUND REINFORCEMENT SYSTEMS (TS EN 13251)				
EXTRUDED GEOGRID GROUND REINFORCEMENT SYSTEMS (Other values shall be interpolated)				
10.450.5201	Pore Size: 40*40 mm Tensile Strength: 10 kn/m (in both directions)	m ²	On the job	50,00
10.450.5202	Pore Size: 40*40 mm Tensile Strength: 20 kn/m (in both directions)	m ²	On the job	63,00
10.450.5203	Pore Size: 40*40 mm Tensile Strength: 30 kn/m (in both directions)	m ²	On the job	77,00
10.450.5204	Pore Size: 40*40 mm Tensile Strength: 40 kn/m (in both directions)	m ²	On the job	90,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
Polyester Fiber Geogrid Ground Reinforcement Systems with Seams and Covered with Polymer (Other values shall be interpolated)				
10.450.5231	Tensile Strength in the Direction of Production: 40 kn/m	m ²	On the job	95,00
10.450.5232	Tensile Strength in the Direction of Production: 60 kn/m	m ²	On the job	103,00
10.450.5233	Tensile Strength in the Direction of Production: 80 kn/m	m ²	On the job	110,00
10.450.5234	Tensile Strength in the Direction of Production: 100 kn/m	m ²	On the job	130,00
10.450.5235	Tensile Strength in the Direction of Production: 120 kn/m	m ²	On the job	170,00
10.450.5236	Tensile Strength in the Direction of Production: 150 kn/m	m ²	On the job	190,00
10.450.5237	Tensile Strength in the Direction of Production: 200 kn/m	m ²	On the job	230,00
10.450.5238	Tensile Strength in the Direction of Production: 300 kn/m	m ²	On the job	270,00
10.450.5239	Tensile Strength in the Direction of Production: 400 kn/m	m ²	On the job	340,00
10.450.5240	Tensile Strength in the Direction of Production: 600 kn/m	m ²	On the job	500,00
10.450.5251	Tensile Strength: 20 kn/m (in both directions)	m ²	On the job	85,00
10.450.5252	Tensile Strength: 30 kn/m (in both directions)	m ²	On the job	95,00
10.450.5253	Tensile Strength: 40 kn/m (in both directions)	m ²	On the job	103,00
10.450.5254	Tensile Strength: 60 kn/m (in both directions)	m ²	On the job	113,00
10.450.5255	Tensile Strength: 80 kn/m (in both directions)	m ²	On the job	130,00
10.450.5256	Tensile Strength: 100 kn/m (in both directions)	m ²	On the job	160,00
10.450.5257	Tensile Strength: 120 kn/m (in both directions)	m ²	On the job	190,00
10.450.5258	Tensile Strength: 150 kn/m (in both directions)	m ²	On the job	220,00
PRECAST, PRESTRESSED, HOLLOW CONCRETE COMPONENTS				
Carrier Flooring Components				
10.450.9501	12-cm-thick, precast, prestressed, hollow carrier flooring component	m ²	Factory	1.200,00
10.450.9502	16-cm-thick, precast, prestressed, hollow carrier flooring component	m ²	Factory	1.300,00
10.450.9503	20-cm-thick, precast, prestressed, hollow carrier flooring component	m ²	Factory	1.400,00
10.450.9504	20-cm-thick, precast, prestressed, hollow heavy load carrier flooring component (exposed to loads above 350 kg/m ²)	m ²	Factory	1.500,00
10.450.9505	24-cm-thick, precast, prestressed, hollow carrier flooring component	m ²	Factory	1.700,00
10.450.9506	24-cm-thick, precast, prestressed, hollow heavy load carrier flooring component (exposed to loads above 500 kg/m ²)	m ²	Factory	1.900,00
Precast, prestressed, hollow partition (wall) component				
10.450.9521	12-cm-thick, precast, prestressed, hollow partition (wall) component	m ²	Factory	1.100,00
10.450.9522	16-cm-thick, precast, prestressed, hollow partition (wall) component	m ²	Factory	1.200,00
BENTONITES				
10.450.9601	Bentonite (TS EN ISO 13500)	Tons	On the job	1.950,00
10.450.9602	Injection Bentonite (TS EN ISO 13500)	Tons	On the job	2.750,00
GARDENING AND LANDSCAPING MATERIALS				
CONCRETE PAVING BLOCKS (TS 2824 EN 1338) (Characteristic tensile splitting strength (T) > 3.6 MPa Breaking load > 250 N/mm) (Every color and size)				
White cement				
10.480.1001	6 cm height	m ²	On the job	165,00
10.480.1002	8 cm height	m ²	On the job	180,00
10.480.1003	10 cm height	m ²	On the job	195,00
Ordinary (Portland) cement				
10.480.1011	6 cm height	m ²	On the job	150,00
10.480.1012	8 cm height	m ²	On the job	165,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.480.1013	10 cm height	m²	On the job	180,00
	Note: Certificate of Compliance with Turkish Standards for the aforementioned materials shall be requested with the payment receipt. The administration shall have the required tests conducted if it considers necessary			
CONCRETE LAWN BLOCKS (TS 2824 EN 1338) (Characteristic tensile splitting strength (T) > 3.6 MPa Breaking load > 250 N/mm) (Every color and size)				
White cement				
10.480.1021	8 cm height	m²	On the job	225,00
10.480.1022	10 cm height	m²	On the job	250,00
Ordinary (Portland) cement				
10.480.1031	8 cm height	m²	On the job	205,00
10.480.1032	10 cm height	m²	On the job	230,00
	Note: Certificate of Compliance with Turkish Standards for the aforementioned materials shall be requested with the payment receipt. The administration shall have the required tests conducted if it considers necessary			
CONCRETE CURBS (chamfered, colored) TS 436 EN 1340				
Characteristic bending strength ≥ 3.5 MPa				
White cement				
10.480.1041	50 x 20 x 10 cm	m	On the job	85,00
10.480.1042	75 x 30 x 15 cm	m	On the job	110,00
Ordinary (Portland) cement				
10.480.1051	50 x 20 x 10 cm	m	On the job	75,00
10.480.1052	75 x 30 x 15 cm	m	On the job	100,00
Characteristic bending strength ≥ 4.0 MPa				
White cement				
10.480.1061	50 x 20 x 10 cm	m	On the job	110,00
10.480.1062	75 x 30 x 15 cm	m	On the job	140,00
Ordinary (Portland) cement				
10.480.1071	50 x 20 x 10 cm	m	On the job	95,00
10.480.1072	75 x 30 x 15 cm	m	On the job	130,00
Characteristic bending strength ≥ 5.0 MPa				
White cement				
10.480.1081	50 x 20 x 10 cm	m	On the job	130,00
10.480.1082	75 x 30 x 15 cm	m	On the job	175,00
Ordinary (Portland) cement				
10.480.1091	50 x 20 x 10 cm	m	On the job	115,00
10.480.1092	75 x 30 x 15 cm	m	On the job	160,00
	Note: Certificate of Compliance for the aforementioned materials with Turkish Standards shall be requested with the payment receipt. The administration shall have the required tests conducted if it considers necessary			
CONCRETE GUTTER STONE (every color) TS 436 EN 1340				
White cement				
10.480.1101	30 x 10 x Free in cm	m	On the job	140,00
Ordinary (Portland) cement				
10.480.1111	30 x 10 x Free in cm	m	On the job	130,00
NATURAL PAVING STONES (TS EN 1342) (Natural crushed cube stone, width x length x height)				
10.480.1201	Andesite paving stone (8 x 10 x 10 cm)	Tons	On the job	1.000,00
10.480.1202	Andesite paving stone (10 x 10 x 10 cm)	Tons	On the job	1.000,00
10.480.1203	Granite paving stone (8 x 10 x 10 cm)	Tons	On the job	950,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.480.1204	Granite paving stone (10 x 10 x 10 cm)	Tons	On the job	950,00
10.480.1205	Basalt paving stone (8 x 10 x 10 cm)	Tons	On the job	1.350,00
10.480.1206	Basalt paving stone (10 x 10 x 10 cm)	Tons	On the job	1.350,00
IMPACT-ABSORBING SURFACE COATING (TS EN 1176-1, TS EN 1177+AC)				
10.480.1251	Block anti-static rubber flooring 2-cm thick	m ²	On the job	315,00
10.480.1252	Block anti-static rubber flooring 3-cm thick	m ²	On the job	415,00
10.480.1253	Block anti-static rubber flooring 4 cm thick	m ²	On the job	500,00
10.480.1300	Block rubber curb (17x14x100cm)	m	On the job	325,00
TYPE M READY-MADE DRAINAGE CHANNELS (TS EN 1433) (CONCRETE WITH SYNTHETIC RESIN BINDER)				
A) Group 1 (minimum Class A 15)				
Areas used by pedestrians and cyclists only (min. width x length x min. height) (mm)				
10.480.1301	100 x 1.000 x 60	m	On the job	580,00
10.480.1302	100 x 1.000 x 80	m	On the job	650,00
10.480.1303	100 x 1.000 x 150	m	On the job	720,00
10.480.1304	100 x 1.000 x 200	m	On the job	930,00
B) Group 2 (minimum Class B 125)				
Sidewalks or pedestrian areas and similar other areas, private parking lots or multi-story parking lots. (min. width x length x min. height) (mm)				
10.480.1311	125 x 1.000 x 60	m	On the job	640,00
10.480.1312	125 x 1000 x 80	m	On the job	750,00
10.480.1313	125 x 1.000 x 150	m	On the job	860,00
10.480.1314	125 x 1.000 x 200	m	On the job	1.150,00
C) Group 3 (minimum Class C 250)				
Curb sides or non-traffic hard shoulder areas, etc. (min. width x length x min. height) (mm)				
10.480.1321	200 x 1.000 x 60	m	On the job	840,00
10.480.1322	200 x 1.000 x 80	m	On the job	960,00
10.480.1323	200 x 1.000 x 125	m	On the job	1.080,00
10.480.1324	200 x 1.000 x 200	m	On the job	1.300,00
10.480.1325	200 x 1.000 x 250	m	On the job	1.700,00
D) Group 4 (minimum Class D 400)				
Road parts dedicated to freight transport (including pedestrian-only streets), hard shoulders and parking lots for all vehicle types. (min. width x length x min. height) (mm)				
10.480.1331	200 x 1.000 x 60	m	On the job	930,00
10.480.1332	200 x 1.000 x 80	m	On the job	1.030,00
10.480.1333	200 x 1.000 x 125	m	On the job	1.160,00
10.480.1334	200 x 1.000 x 200	m	On the job	1.450,00
10.480.1335	200 x 1.000 x 250	m	On the job	1.760,00
10.480.1336	300 x 1.000 x 80	m	On the job	900,00
10.480.1337	300 x 1.000 x 150	m	On the job	1.700,00
10.480.1338	300 x 1.000 x 250	m	On the job	2.650,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
E) Group 5 (minimum Class E 600)				
Areas such as port and dock sides, which are exposed to excessive wheel loads. (min. width x length x min. height) (mm)				
10.480.1351	300 x 1.000 x 80	m	On the job	1.550,00
10.480.1352	300 x 1.000 x 150	m	On the job	2.000,00
10.480.1353	300 x 1.000 x 250	m	On the job	3.050,00
F) Group 6 (minimum Class F 900)				
Surfacing of areas such as airport runways, which are exposed to excessive wheel loads. (min. width x length x min. height) (mm)				
10.480.1361	200 x 1.000 x 250	m	On the job	2.450,00
10.480.1362	350 x 1.000 x 400	m	On the job	4.000,00
GRATING SETS (TS EN 124-1, TS EN 124-2, TS EN 124-3)				
10.480.1401	Stainless Steel Grating Set (including installation and fittings) (Group 1 (min. Class A 15) Only for areas used by pedestrians and cyclists)	m ²	On the job	6.000,00
10.480.1402	Galvanized Sheet Metal Grating Set (including installation and fittings) (Group 1 (min. Class A 15) Only for areas used by pedestrians and cyclists)	m ²	On the job	4.250,00
10.480.1403	Nodular Cast Grating Set (including installation and fittings) (Group 1 (min. Class A 15) Only for areas used by pedestrians and cyclists)	m ²	On the job	4.750,00
10.480.1404	Reinforced Concrete Grating Set (including installation and fittings) (Group 1 (min. Class A 15) Only for areas used by pedestrians and cyclists)	m ²	On the job	4.000,00
10.480.1405	CTP Composite Grating Set (including installation and fittings) (Group 1 (min. Class A 15) Only for areas used by pedestrians and cyclists)	m ²	On the job	4.500,00
10.480.1411	Stainless Steel Grating Set (including installation and fittings) (For Group 2 (min. Class B 125) Sidewalks or pedestrian areas and similar other areas, private parking lots or multi-story parking lots)	m ²	On the job	7.000,00
10.480.1412	Galvanized Sheet Metal Grating Set (including installation and fittings) (For Group 2 (min. Class B 125) Sidewalks or pedestrian areas and similar other areas, private parking lots or multi-story parking lots)	m ²	On the job	5.000,00
10.480.1413	Nodular Cast Grating Set (including installation and fittings) (For Group 2 (min. Class B 125) Sidewalks or pedestrian areas and similar other areas, private parking lots or multi-story parking lots)	m ²	On the job	5.500,00
10.480.1414	Reinforced Concrete Grating Set (including installation and fittings) (For Group 2 (min. Class B 125) Sidewalks or pedestrian areas and similar other areas, private parking lots or multi-story parking lots)	m ²	On the job	4.750,00
10.480.1415	CTP Composite Grating Set (including installation and fittings) (For Group 2 (min. Class B 125) Sidewalks or pedestrian areas and similar other areas, private parking lots or multi-story parking lots)	m ²	On the job	5.500,00
10.480.1423	Nodular Cast Grating Set (including installation and fittings) (For Group 3 (min. Class C 250) Curb sides or non-traffic hard shoulder areas, etc.)	m ²	On the job	6.200,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.480.1424	Reinforced Concrete Grating Set (including installation and fittings) (For Group 3 (min. Class C 250 Curb sides or non-traffic hard shoulder areas, etc.))	m ²	On the job	5.250,00
10.480.1425	CTP Composite Grating Set (including installation and fittings) (For Group 3 (min. Class C 250 Curb sides or non-traffic hard shoulder areas, etc.))	m ²	On the job	6.000,00
10.480.1433	Nodular Cast Grating Set (including installation and fittings) (For Group 4 (min. Class F 400 Road parts dedicated to freight transport (including pedestrian-only streets), hard shoulders and parking lots for all vehicle types))	m ²	On the job	7.000,00
10.480.1434	Reinforced Concrete Grating Set (including installation and fittings) (For Group 4 (min. Class F 400 Road parts dedicated to freight transport (including pedestrian-only streets), hard shoulders and parking lots for all vehicle types))	m ²	On the job	5.500,00
10.480.1435	CTP Composite Grating Set (including installation and fittings) (For Group 4 (min. Class F 400 Road parts dedicated to freight transport (including pedestrian-only streets), hard shoulders and parking lots for all vehicle types))	m ²	On the job	6.750,00
10.480.1443	Nodular Cast Grating Set (including installation and fittings) (For Group 5 (min. Class E 600) Areas such as port and dock sides, which are exposed to excessive wheel loads)	m ²	On the job	7.500,00
10.480.1453	Nodular Cast Grating Set (including installation and fittings) (For Group 6 (min. Class F 900) Surfacing of areas such as airport runways, which are exposed to excessive wheel loads)	m ²	On the job	8.000,00
MANHOLE COVER, GRATING, ETC.				
10.480.1471	Pig iron grating cover drainage ditch, pile shoe	Kg	On the job	25,00
10.480.1481	Glass fiber-reinforced composite maintenance manhole covering component (TS EN 124-1, TS EN 124-5) (Road pavements, pedestrian-only streets including pedestrian-only streets, hard shoulders and parking lots for all vehicle types) (including covers, frames, and fittings such as universal joints, etc.) (minimum Ø600 mm net opening) (Group 4 Minimum D 400 class)	Qty	On the job	3.500,00
10.480.1482	Reinforced concrete composite maintenance manhole covering component (TS EN 124-1, TS EN 124-4) (Road pavements, pedestrian-only streets including pedestrian-only streets, hard shoulders and parking lots for all vehicle types) (including covers, frames, and fittings such as universal joints, etc.) (minimum Ø600 mm net opening) (Group 4 Minimum D 400 class)	Qty	On the job	2.900,00
10.480.1483	Steel-reinforced, polymer-based composite maintenance manhole covering component (TS EN 124-1, TS EN 124-3) (Road pavements, pedestrian-only streets including pedestrian-only streets, hard shoulders and parking lots for all vehicle types) (including covers, frames, and fittings such as universal joints, etc.) (minimum Ø600 mm net opening) (Group 4 Minimum D 400 class)	Qty	On the job	3.200,00
10.480.1484	Glass fiber-reinforced composite maintenance manhole covering component (TS EN 124-1, TS EN 124-5) (including covers, frames, and fittings such as universal joints, etc.) (minimum Ø600 mm net opening) (Group 1 - Class A 15)	Qty	On the job	1.500,00
10.480.1485	Glass fiber-reinforced composite maintenance manhole covering component (TS EN 124-1, TS EN 124-5) (including covers, frames, and fittings such as universal joints, etc.) (minimum Ø600 mm net opening) (Group 2 - Class B 125)	Qty	On the job	2.000,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.480.1486	Glass fiber-reinforced composite maintenance manhole covering component (TS EN 124-1, TS EN 124-5) (including covers, frames, and fittings such as universal joints, etc.) (minimum Ø600 mm net opening) (Group 3 - Class C 250)	Qty	On the job	2.500,00
PANEL FENCE, POST AND ACCESSORIES				
Hot-dip galvanized and electrostatic polyester powder coated wire in panel form (50 x 150 mm mesh size, Ø4.5 mm wire diameter) (TS EN 10223-4)				
10.480.1501	1,00-m-high wire panel with min. 2 inflections	m	On the job	165,00
10.480.1502	1,20-m-high wire panel with min. 2 inflections	m	On the job	200,00
10.480.1503	1,50-m-high wire panel with min. 3 inflections	m	On the job	250,00
Hot-dip galvanized and electrostatic polyester powder coated fence post, sized 50 x 50 x 1.5 mm (including min. 120 x 120 x 5 mm flange and UV-resistant, unbreakable plastic door)				
10.480.1511	1.00-m high	Qty	On the job	145,00
10.480.1512	1.20-m high	Qty	On the job	165,00
10.480.1513	1.50-m high	Qty	On the job	200,00
Panel Fence Accessories				
10.480.1521	Clips (UV-resistant, unbreakable plastic with clamps gripping the profile, including installation screws)	Qty	On the job	6,00
Hot-dip galvanized and electrostatic polyester powder coated wire (curved on top) in panel form (Mesh Opening: 60 x 200 mm / Made of wires Ø8 mm thick horizontally and Ø6 mm thick vertically / Panel curved on top, 60 x 60 mm, Tile Patterned, with W-shaped concave and convex inflections, and two bars with 50 mm spacing at inflections)				
10.480.1531	1.13 m high (0.96 m plain + 0.17 m patterned), min. 2 inflections	m	On the job	900,00
10.480.1532	1.55 m high (1.38 m plain + 0.17 m patterned), min. 2 inflections	m	On the job	1.050,00
10.480.1533	1.96 m high (1.79 m plain + 0.17 m patterned), min. 2 inflections	m	On the job	1.300,00
Hot-dip galvanized and electrostatic polyester powder coated wire in panel form (Mesh Opening: 60 x 200 mm / Made of wires Ø8 mm thick horizontally and Ø6 mm thick vertically / 60 x 60 mm, Tile Patterned Panel, with W-shaped concave and convex inflections, and two bars with 50 mm spacing at inflections)				
10.480.1541	0.96 m high, min. 2 inflections	m	On the job	750,00
10.480.1542	1,46 m high, min. 2 inflections	m	On the job	1.000,00
10.480.1543	1,96 m high, min. 2 inflections	m	On the job	1.300,00
Hot-dip galvanized and electrostatic polyester powder coated wire in panel form (Mesh Opening: 55 x 200 mm / Made of Ø4.5 mm wires / Panel with W-shaped concave and convex inflections, and two bars with 50 mm spacing at inflections)				
10.480.1551	0.95 m high with 2 inflections	m	On the job	250,00
10.480.1552	1.43 m high with 2 inflections	m	On the job	325,00
10.480.1553	1.93 m high with 3 inflections	m	On the job	440,00
10.480.1554	2.43 m high with 4 inflections	m	On the job	540,00
Hot-dip galvanized and electrostatic polyester powder coated razor wire in panel form (Mesh Opening: 55 x 200 mm / Made of Ø4.5 mm wires / Welded panel with razor wires, three rows of razors at 100-mm-intervals, razor axle spacing 40 mm, and a total razor size of 240 mm)				
10.480.1561	0.95 m high with 2 inflections	m	On the job	290,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.480.1562	1.43 m high with 2 inflections	m	On the job	380,00
10.480.1563	1.93 m high with 3 inflections	m	On the job	490,00
10.480.1564	2.43 m high with 4 inflections	m	On the job	610,00
Hot-dip galvanized and electrostatic polyester powder coated semi-twisted wire in panel form (Mesh Opening 12.70 x 76.20 mm / Wire Mesh Fencing made of Ø4 mm wires / Straight at joints with the profile, and W-shaped inflections in the middle for extra security)				
10.480.1571	0.99 m high with 2-inflections	m	On the job	860,00
10.480.1572	1.45 m high with 2 inflections	m	On the job	1.150,00
10.480.1573	1.98 m high with 2 inflections	m	On the job	1.550,00
Steel fence post with increased strength and electrostatic polyester coating on hot-dip galvanized surface. (Steel fence post with post sections made of 90 x 90 x 1.2 mm steel sheet, two-layer leaves, and enhanced strength / with 150 x 150 x 3.00 mm Steel Sheet Flanges / Plastic Caps Included)				
10.480.1581	1,00 m high	Qty	On the job	670,00
10.480.1582	1,50 m high	Qty	On the job	870,00
10.480.1583	2,00 m high	Qty	On the job	1.130,00
Aluminum fence post (with double profile) with increased strength and electrostatic polyester coating on hot-dip galvanized surface. (Aluminum Fence Post with double profile with increased strength, post sections made of 100 x 120 mm aluminum material, specific fence design / With 150 x 165 mm concealed cells for dowel pins, Snap-on Aluminum Flanges / Polycarbonate Caps Included)				
10.480.1591	1,00 m high	Qty	On the job	2.100,00
10.480.1592	1,50 m high	Qty	On the job	2.670,00
10.480.1593	2,00 m high	Qty	On the job	3.250,00
High-security, anti-vandal steel fence post with increased strength and electrostatic polyester coating on hot-dip galvanized surface. (High-security, anti-vandal steel fence post with enhanced strength, post section made of 120 x 123 x 2 mm steel sheet / with 160 x 160 x 8 mm steel sheet flanges / plastic caps included)				
10.480.1601	3.00 m high	Qty	On the job	3.900,00
10.480.1602	4.00 m high	Qty	On the job	5.150,00
10.480.1603	5.00 m high	Qty	On the job	6.500,00
High-security, anti-vandal steel fence post with increased strength and electrostatic polyester coating on hot-dip galvanized surface. (High-security, anti-vandal steel fence post with enhanced strength, post section made of 120 x 123 x 2 mm steel sheet / with 160 x 160 x 8 mm steel sheet flanges and V console / plastic caps included)				
10.480.1611	3.00 m high	Qty	On the job	4.450,00
10.480.1612	4.00 m high	Qty	On the job	5.650,00
10.480.1613	5.00 m high	Qty	On the job	7.280,00
REINFORCED CONCRETE POSTS AND BRACES (C40/50 concrete with 4 x Ø6 (h = 0-2.5 m) / Ø8 (h = above 2.5 m) reinforcing bars and a stirrup bar every 25 cm will be steam-cured (dried) for min. 8 hours)				
Concrete Posts (Lower part / Upper part)				
10.480.1701	1,60 m straight post (Sized 9 x 9 / 9 x 7, 8 holes)	Qty	On the job	100,00
10.480.1702	2,00 m straight post (Sized 8 x 10 / 8 x 9.5, 6 holes)	Qty	On the job	120,00
10.480.1703	2,50 m straight post (Sized 9 x 12 / 8 x 10 holes, 8 holes)	Qty	On the job	150,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.480.1704	3.00 m straight post (Sized 10 x 14 / 10 x 12, 8 holes)	Qty	On the job	205,00
(Lower part / Middle Part / Upper part)				
10.480.1711	2,40-m post with leaned top (Sized 9 x 10 / 8 x 10 / 8 x 8, 8 holes)	Qty	On the job	125,00
10.480.1712	2,50-m post with leaned top (sized 10x14 / 9x10 / 9x9.5, with 9 holes)	Qty	On the job	150,00
10.480.1713	2,80-m post with leaned top (Sized 10x14 / 9x10.5 / 9x9, 10 holes)	Qty	On the job	180,00
10.480.1714	3,00-m post with leaned top (sized 10x13 / 10x12 / 10x12, with 11 holes)	Qty	On the job	205,00
10.480.1715	3,15-m post with leaned top (sized 10x13 / 10x12 / 10x12, with 12 holes)	Qty	On the job	225,00
10.480.1716	3.50-m post with leaned top (11x16 / 10.5x11 / 10.5x11, with 13 holes)	Qty	On the job	265,00
Concrete Braces				
(Lower part / Upper part)				
10.480.1721	2.00-m brace (sized 8x10/7x10)	Qty	On the job	120,00
10.480.1722	2.20-m brace (sized 9x9.5/8.5x9)	Qty	On the job	125,00
10.480.1723	2.40-m brace (sized 10x10/8x10)	Qty	On the job	130,00
10.480.1724	2.80-m brace (sized 10x11 / 10.5x10.5)	Qty	On the job	165,00
10.480.1731	Concrete gate post (15x20 / 2.40)	Qty	On the job	550,00
BARBED, RAZOR, GALVANIZED WIRES				
10.480.1801	Barbed wire (Galvanized) (TS EN 10223-1)	Kg	On the job	60,00
10.480.1802	Razor wire (Spiral - Galvanized)	Kg	On the job	80,00
10.480.1803	Galvanized wire	Kg	On the job	45,00
10.480.1804	Galvanized mesh wire (Various) (TS 2398)	Kg	On the job	55,00
PROCESSED IRONS				
10.480.1821	Processed small irons (Various)	Kg	On the job	35,00
10.480.1822	Various engraved irons	Kg	On the job	83,00
Gabion Bucket (Galvanized) (TS EN 10223-3)				
10.480.2001	80 x 100 mm Mesh Size, Ø3 mm Mesh Wire, Ø3.9 mm Edge Wire (Sized 2 x 1 x 1 m)	Qty	On the job	1.550,00
10.480.2002	80 x 100 mm Mesh Size, Ø3 mm Mesh Wire, Ø3.9 mm Edge Wire (Sized 4 x 1 x 1 m)	Qty	On the job	2.750,00
10.480.2003	80 x 100 mm Mesh Size, Ø3 mm Mesh Wire, Ø3.9 mm Edge Wire (Sized 4 x 2 x 1 m)	Qty	On the job	4.000,00
10.480.2004	80 x 100 mm Mesh Size, Ø2.7 mm Mesh Wire, Ø3.4 mm Edge Wire (Sized 2 x 1 x 1 m)	Qty	On the job	1.350,00
10.480.2005	80 x 100 mm Mesh Size, Ø2.7 mm Mesh Wire, Ø3.4 mm Edge Wire (Sized 4 x 1 x 1 m)	Qty	On the job	2.400,00
10.480.2006	80 x 100 mm Mesh Size, Ø2.7 mm Mesh Wire, Ø3.4 mm Edge Wire (Sized 4 x 2 x 1 m)	Qty	On the job	3.500,00
10.480.2007	100 x 120 mm Mesh Size, Ø2.7 mm Mesh Wire, Ø3.4 mm Edge Wire (Sized 2 x 1 x 1 m)	Qty	On the job	1.200,00
10.480.2008	100 x 120 mm Mesh Size, Ø2.7 mm Mesh Wire, Ø3.4 mm Edge Wire (Sized 4 x 1 x 1 m)	Qty	On the job	2.400,00
10.480.2009	100 x 120 mm Mesh Size, Ø3 mm Mesh Wire, Ø3.9 mm Edge Wire (Sized 2 x 1 x 1 m)	Qty	On the job	1.550,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.480.2010	100 x 120 mm Mesh Size, Ø3 mm Mesh Wire, Ø3.9 mm Edge Wire (Sized 4 x 1 x 1 m)	Qty	On the job	3.000,00
Gabion Mat (Galvanized) (TS EN 10223-3)				
10.480.2051	60 x 80 mm Mesh Size, Ø2.2 mm Mesh Wire, Ø2.7 mm Edge Wire (Sized 6 x 2 x 0.3 m)	Qty	On the job	3.150,00
10.480.2052	60 x 80 mm Mesh Size, Ø2.2 mm Mesh Wire, Ø2.7 mm Edge Wire (Sized 6 x 2 x 0.23 m)	Qty	On the job	2.950,00
10.480.2053	60 x 80 mm Mesh Size, Ø2.2 mm Mesh Wire, Ø2.7 mm Edge Wire (Sized 4 x 2 x 0.3 m)	Qty	On the job	2.170,00
10.480.2054	60 x 80 mm Mesh Size, Ø2.2 mm Mesh Wire, Ø2.7 mm Edge Wire (Sized 4 x 2 x 0.23 m)	Qty	On the job	2.030,00
STEEL MESH WIRE GRIDS (TS EN 10223-3)				
Hexagonal, Twisted Pair, Two-wire Steel Grid (Galvanized)				
10.480.2201	Mesh Opening 60 x 80 mm - Wire Diameter (1.35 + 1.35) 2.70 mm	m ²	On the job	125,00
10.480.2202	Mesh Opening 80 x 100 mm - Wire Diameter (1.35 + 1.35) 2.70 mm	m ²	On the job	110,00
10.480.2203	Mesh Opening 100 x 120 mm - Wire Diameter (1.35 + 1.35) 2.70 mm	m ²	On the job	90,00
Hexagonal, Twisted Pair, Single-wire Steel Grid (Galvanized)				
10.480.2216	Mesh Opening 60 x 80 mm - Wire Diameter 2.2 mm	m ²	On the job	80,00
10.480.2217	Mesh Opening 60 x 80 mm - Wire Diameter 2.7 mm	m ²	On the job	115,00
10.480.2218	Mesh Opening 80 x 100 mm - Wire Diameter 2.7 mm	m ²	On the job	100,00
Hexagonal, Twisted Pair, Single-wire Steel Grid (Galfan-coated)				
10.480.2231	Mesh Opening 60 x 80 mm - Wire Diameter 2.2 mm	m ²	On the job	120,00
10.480.2232	Mesh Opening 60 x 80 mm - Wire Diameter 2.7 mm	m ²	On the job	135,00
10.480.2233	Mesh Opening 80 x 100 mm - Wire Diameter 2.7 mm	m ²	On the job	120,00
Hexagonal, Twisted Pair, Single-wire Steel Grid (Galvanized) (Reinforced with ribbed welded wire mesh)				
10.480.2261	Reinforced with ribbed welded wire mesh, mesh opening 80 × 100 mm, wire diameter 1.25 mm, Ø4 mm thickness, 24 × 50 cm spacing	m ²	On the job	100,00
10.480.2262	Reinforced with ribbed welded wire mesh featuring 100 × 120 mm mesh openings, 1.25 mm wire diameter, and 4 mm bar thickness, spaced at 24 × 50 cm intervals	m ²	On the job	85,00
Hexagonal, Twisted Pair, Single-wire Steel Grid (Galfan-coated) (Reinforced with Steel Rope)				
10.480.2281	Mesh Opening 80 x 100 mm - Wire Diameter 2.7 mm - Reinforced with wire ropes with 30 cm spacing and Ø8 mm thickness	m ²	On the job	450,00
10.480.2282	Mesh Opening 80 x 100 mm - Wire Diameter 2.7 mm - Reinforced with wire ropes with 50 cm spacing and Ø8 mm thickness	m ²	On the job	370,00
10.480.2283	Mesh Opening 80 x 100 mm - Wire Diameter 2.7 mm - Reinforced with wire ropes with 100 cm spacing and Ø8 mm thickness	m ²	On the job	290,00
GRASS SEEDS, FERTILIZERS, SOIL REGULATORS, ETC.				
10.480.5001	Perennial ryegrass (English ryegrass)	Kg	On the job	90,00
10.480.5002	Poa pratensis (Kentucky bluegrass)	Kg	On the job	140,00
10.480.5003	Festuca rubra rubra (red fescue)	Kg	On the job	90,00
10.480.5004	Festuca rubra commutata (Chewings fescue)	Kg	On the job	105,00
10.480.5005	Festuca arundinacea (tall fescue)	Kg	On the job	90,00
10.480.5006	Bermuda grass	Kg	On the job	165,00
10.480.5007	Agrostis tenuis	Kg	On the job	220,00
	Note: The grasses specified in the items no. 10.480.5001 - ... - 5007 shall comply with the law no. 308 of the Ministry of Agriculture and Forestry on registration, inspection and certification of seeds, and the regulations and instructions related thereto.			
10.480.5011	Burned and sieved farm manure (odorless and free of any foreign matter)	m ³	On the job	400,00
10.480.5012	Ecological soil and organic fertilizer additive (soil improvers made of organic fertilizers with microbial and enzymatic content)	Kg	On the job	13,50

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.480.5013	Organic fertilizer (Should include a high rate of natural humus and be fully decomposed)	Kg	On the job	35,00
10.480.5014	Turf (fine-grained and sterilize, Ph. 5-6)	m ³	On the job	465,00
10.480.5015	A soil conditioner made entirely of natural minerals, with high water-retention capacity, preventing salinization and desertification, balancing soil pH, and suitable for organic farming.	Kg	On the job	12,00
10.480.5031	White Dolomite Rocks (1.50 cm ≤ diameter < 2.50 cm)	Tons	On the job	4.800,00
10.480.5032	White Dolomite Rocks (2.50 cm ≤ diameter < 4.00 cm)	Tons	On the job	3.600,00
10.480.5041	Mulch (Tree Bark in Natural Color)	Kg	On the job	12,00
10.480.5042	Mulch (Colored Wood Chip)	Kg	On the job	16,50
10.480.5043	Expanded light clay aggregate (TS EN 13055)	m ³	On the job	4.680,00
NOISE BARRIERS (TS EN 14388)				
10.480.5101	Rubber-based, 8-cm-thick (Barrier interior reinforced with Ø8 mm ribbed welded wire mesh, one surface with 10 × 10 cm cells)	m ²	On the job	4.250,00
10.480.5111	High-density, Acrylic-based Clear Noise Barrier - 12 mm thickness	m ²	On the job	1.500,00
10.480.5112	High-density, Acrylic-based Clear Noise Barrier - 15 mm thickness	m ²	On the job	2.000,00
10.480.5113	High-density, Acrylic-based Clear Noise Barrier - 20 mm thickness	m ²	On the job	2.600,00
10.480.5114	High-density, Acrylic-based Clear Noise Barrier - 25 mm thickness	m ²	On the job	3.500,00
10.480.5121	Clear Polycarbonate Noise Barrier with two surfaces UV-resistant - 12 mm thickness	m ²	On the job	1.600,00
10.480.5122	Clear Polycarbonate Noise Barrier with two surfaces UV-resistant - 15 mm thickness	m ²	On the job	1.750,00
10.480.5131	7-cm-thick PVC snap-on extruded profile (profile wall thickness: min. 4 mm) (in any color)	m ²	On the job	1.500,00
10.480.5132	7-cm-thick PVC snap-on extruded profile (profile wall thickness: min. 4 mm) (in any color) (Inside of the profile shall have 5 cm thickness, 90 kg/m ³ density, with one surface of the profile filled with board type rock wool covered with black glass tissue, and one surface perforated in linear order)	m ²	On the job	1.800,00
	In addition to the aforementioned materials, Reinforced AAC Wall Elements with item no. 10.130.2741...2750 and Colorless, Clear, 0.76-PVB Laminated Glasses with item no. 10.380.1414...1416 can be used as noise barriers.			
SEISMIC ISOLATORS (TS EN 15129)				
Curved Surface Friction Isolation Units (Double Friction Surface)				
Equivalent radius of curvature between 2000-4000 mm				
Maximum vertical load carrying capacity between 0-2500 kN				
10.490.1101	Horizontal displacement capacity of ±100-200 mm	Quantity	On the job	74.000,00
10.490.1102	Horizontal displacement capacity of ±201-300 mm	Quantity	On the job	83.500,00
10.490.1103	Horizontal displacement capacity of ±301-400 mm	Quantity	On the job	103.500,00
10.490.1104	Horizontal displacement capacity of ±401-500 mm	Quantity	On the job	130.000,00
10.490.1105	Horizontal displacement capacity of ±501-600 mm	Quantity	On the job	175.000,00
10.490.1106	Horizontal displacement capacity of ±601-700 mm	Quantity	On the job	250.000,00
10.490.1107	Horizontal displacement capacity of ±701-800 mm	Quantity	On the job	360.000,00
Maximum vertical load carrying capacity between 2501-5000 kN				
10.490.1108	Horizontal displacement capacity of ±100-200 mm	Quantity	On the job	87.500,00
10.490.1109	Horizontal displacement capacity of ±201-300 mm	Quantity	On the job	102.000,00
10.490.1110	Horizontal displacement capacity of ±301-400 mm	Quantity	On the job	128.000,00
10.490.1111	Horizontal displacement capacity of ±401-500 mm	Quantity	On the job	171.000,00
10.490.1112	Horizontal displacement capacity of ±501-600 mm	Quantity	On the job	232.000,00
10.490.1113	Horizontal displacement capacity of ±601-700 mm	Quantity	On the job	337.000,00
10.490.1114	Horizontal displacement capacity of ±701-800 mm	Quantity	On the job	486.000,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
Maximum vertical load carrying capacity between 5001-7500 kN				
10.490.1115	Horizontal displacement capacity of ± 100 -200 mm	Quantity	On the job	98.500,00
10.490.1116	Horizontal displacement capacity of ± 201 -300 mm	Quantity	On the job	121.500,00
10.490.1117	Horizontal displacement capacity of ± 301 -400 mm	Quantity	On the job	155.000,00
10.490.1118	Horizontal displacement capacity of ± 401 -500 mm	Quantity	On the job	202.000,00
10.490.1119	Horizontal displacement capacity of ± 501 -600 mm	Quantity	On the job	297.000,00
10.490.1120	Horizontal displacement capacity of ± 601 -700 mm	Quantity	On the job	405.000,00
10.490.1121	Horizontal displacement capacity of ± 701 -800 mm	Quantity	On the job	567.000,00
Maximum vertical load carrying capacity between 7501-10000 kN				
10.490.1122	Horizontal displacement capacity of ± 100 -200 mm	Quantity	On the job	110.000,00
10.490.1123	Horizontal displacement capacity of ± 201 -300 mm	Quantity	On the job	141.000,00
10.490.1124	Horizontal displacement capacity of ± 301 -400 mm	Quantity	On the job	182.000,00
10.490.1125	Horizontal displacement capacity of ± 401 -500 mm	Quantity	On the job	245.000,00
10.490.1126	Horizontal displacement capacity of ± 501 -600 mm	Quantity	On the job	350.000,00
10.490.1127	Horizontal displacement capacity of ± 601 -700 mm	Quantity	On the job	472.000,00
10.490.1128	Horizontal displacement capacity of ± 701 -800 mm	Quantity	On the job	675.000,00
Maximum vertical load carrying capacity between 10001-12500 kN				
10.490.1129	Horizontal displacement capacity of ± 100 -200 mm	Quantity	On the job	128.000,00
10.490.1130	Horizontal displacement capacity of ± 201 -300 mm	Quantity	On the job	162.000,00
10.490.1131	Horizontal displacement capacity of ± 301 -400 mm	Quantity	On the job	209.000,00
10.490.1132	Horizontal displacement capacity of ± 401 -500 mm	Quantity	On the job	290.000,00
10.490.1133	Horizontal displacement capacity of ± 501 -600 mm	Quantity	On the job	405.000,00
10.490.1134	Horizontal displacement capacity of ± 601 -700 mm	Quantity	On the job	573.000,00
10.490.1135	Horizontal displacement capacity of ± 701 -800 mm	Quantity	On the job	770.000,00
Maximum vertical load carrying capacity between 12501-15000 kN				
10.490.1136	Horizontal displacement capacity of ± 100 -200 mm	Quantity	On the job	141.000,00
10.490.1137	Horizontal displacement capacity of ± 201 -300 mm	Quantity	On the job	182.000,00
10.490.1138	Horizontal displacement capacity of ± 301 -400 mm	Quantity	On the job	243.000,00
10.490.1139	Horizontal displacement capacity of ± 401 -500 mm	Quantity	On the job	330.000,00
10.490.1140	Horizontal displacement capacity of ± 501 -600 mm	Quantity	On the job	472.000,00
10.490.1141	Horizontal displacement capacity of ± 601 -700 mm	Quantity	On the job	635.000,00
10.490.1142	Horizontal displacement capacity of ± 701 -800 mm	Quantity	On the job	850.000,00
Maximum vertical load carrying capacity between 15501-17500 kN				
10.490.1143	Horizontal displacement capacity of ± 100 -200 mm	Quantity	On the job	155.000,00
10.490.1144	Horizontal displacement capacity of ± 201 -300 mm	Quantity	On the job	210.000,00
10.490.1145	Horizontal displacement capacity of ± 301 -400 mm	Quantity	On the job	270.000,00
10.490.1146	Horizontal displacement capacity of ± 401 -500 mm	Quantity	On the job	378.000,00
10.490.1147	Horizontal displacement capacity of ± 501 -600 mm	Quantity	On the job	513.000,00
10.490.1148	Horizontal displacement capacity of ± 601 -700 mm	Quantity	On the job	702.000,00
10.490.1149	Horizontal displacement capacity of ± 701 -800 mm	Quantity	On the job	945.000,00
Maximum vertical load carrying capacity between 17501-20000 kN				
10.490.1150	Horizontal displacement capacity of ± 100 -200 mm	Quantity	On the job	175.000,00
10.490.1151	Horizontal displacement capacity of ± 201 -300 mm	Quantity	On the job	230.000,00
10.490.1152	Horizontal displacement capacity of ± 301 -400 mm	Quantity	On the job	297.000,00
10.490.1153	Horizontal displacement capacity of ± 401 -500 mm	Quantity	On the job	420.000,00
10.490.1154	Horizontal displacement capacity of ± 501 -600 mm	Quantity	On the job	570.000,00
10.490.1155	Horizontal displacement capacity of ± 601 -700 mm	Quantity	On the job	810.000,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.490.1156	Horizontal displacement capacity of $\pm 701-800$ mm	Quantity	On the job	1.000.000,00
Equivalent radius of curvature between 4001-6000 mm				
Maximum vertical load carrying capacity between 0-2500 kN				
10.490.1157	Horizontal displacement capacity of $\pm 201-300$ mm	Quantity	On the job	80.000,00
10.490.1158	Horizontal displacement capacity of $\pm 301-400$ mm	Quantity	On the job	94.000,00
10.490.1159	Horizontal displacement capacity of $\pm 401-500$ mm	Quantity	On the job	115.000,00
10.490.1160	Horizontal displacement capacity of $\pm 501-600$ mm	Quantity	On the job	135.000,00
10.490.1161	Horizontal displacement capacity of $\pm 601-700$ mm	Quantity	On the job	170.000,00
10.490.1162	Horizontal displacement capacity of $\pm 701-800$ mm	Quantity	On the job	215.000,00
Maximum vertical load carrying capacity between 2501-5000 kN				
10.490.1163	Horizontal displacement capacity of $\pm 201-300$ mm	Quantity	On the job	95.000,00
10.490.1164	Horizontal displacement capacity of $\pm 301-400$ mm	Quantity	On the job	115.000,00
10.490.1165	Horizontal displacement capacity of $\pm 401-500$ mm	Quantity	On the job	137.000,00
10.490.1166	Horizontal displacement capacity of $\pm 501-600$ mm	Quantity	On the job	162.000,00
10.490.1167	Horizontal displacement capacity of $\pm 601-700$ mm	Quantity	On the job	210.000,00
10.490.1168	Horizontal displacement capacity of $\pm 701-800$ mm	Quantity	On the job	265.000,00
Maximum vertical load carrying capacity between 5001-7500 kN				
10.490.1169	Horizontal displacement capacity of $\pm 201-300$ mm	Quantity	On the job	108.000,00
10.490.1170	Horizontal displacement capacity of $\pm 301-400$ mm	Quantity	On the job	128.000,00
10.490.1171	Horizontal displacement capacity of $\pm 401-500$ mm	Quantity	On the job	162.000,00
10.490.1172	Horizontal displacement capacity of $\pm 501-600$ mm	Quantity	On the job	189.000,00
10.490.1173	Horizontal displacement capacity of $\pm 601-700$ mm	Quantity	On the job	243.000,00
10.490.1174	Horizontal displacement capacity of $\pm 701-800$ mm	Quantity	On the job	300.000,00
Maximum vertical load carrying capacity between 7501-10000 kN				
10.490.1175	Horizontal displacement capacity of $\pm 201-300$ mm	Quantity	On the job	120.000,00
10.490.1176	Horizontal displacement capacity of $\pm 301-400$ mm	Quantity	On the job	150.000,00
10.490.1177	Horizontal displacement capacity of $\pm 401-500$ mm	Quantity	On the job	175.000,00
10.490.1178	Horizontal displacement capacity of $\pm 501-600$ mm	Quantity	On the job	222.000,00
10.490.1179	Horizontal displacement capacity of $\pm 601-700$ mm	Quantity	On the job	270.000,00
10.490.1180	Horizontal displacement capacity of $\pm 701-800$ mm	Quantity	On the job	330.000,00
Maximum vertical load carrying capacity between 10001-12500 kN				
10.490.1181	Horizontal displacement capacity of $\pm 201-300$ mm	Quantity	On the job	135.000,00
10.490.1182	Horizontal displacement capacity of $\pm 301-400$ mm	Quantity	On the job	162.000,00
10.490.1183	Horizontal displacement capacity of $\pm 401-500$ mm	Quantity	On the job	195.000,00
10.490.1184	Horizontal displacement capacity of $\pm 501-600$ mm	Quantity	On the job	250.000,00
10.490.1185	Horizontal displacement capacity of $\pm 601-700$ mm	Quantity	On the job	310.000,00
10.490.1186	Horizontal displacement capacity of $\pm 701-800$ mm	Quantity	On the job	400.000,00
Maximum vertical load carrying capacity between 12501-15000 kN				
10.490.1187	Horizontal displacement capacity of $\pm 201-300$ mm	Quantity	On the job	150.000,00
10.490.1188	Horizontal displacement capacity of $\pm 301-400$ mm	Quantity	On the job	175.000,00
10.490.1189	Horizontal displacement capacity of $\pm 401-500$ mm	Quantity	On the job	215.000,00
10.490.1190	Horizontal displacement capacity of $\pm 501-600$ mm	Quantity	On the job	270.000,00
10.490.1191	Horizontal displacement capacity of $\pm 601-700$ mm	Quantity	On the job	330.000,00
10.490.1192	Horizontal displacement capacity of $\pm 701-800$ mm	Quantity	On the job	430.000,00
Maximum vertical load carrying capacity between 15501-17500 kN				
10.490.1193	Horizontal displacement capacity of $\pm 201-300$ mm	Quantity	On the job	160.000,00
10.490.1194	Horizontal displacement capacity of $\pm 301-400$ mm	Quantity	On the job	195.000,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.490.1195	Horizontal displacement capacity of $\pm 401-500$ mm	Quantity	On the job	250.000,00
10.490.1196	Horizontal displacement capacity of $\pm 501-600$ mm	Quantity	On the job	290.000,00
10.490.1197	Horizontal displacement capacity of $\pm 601-700$ mm	Quantity	On the job	355.000,00
10.490.1198	Horizontal displacement capacity of $\pm 701-800$ mm	Quantity	On the job	465.000,00
Maximum vertical load carrying capacity between 17501-20000 kN				
10.490.1199	Horizontal displacement capacity of $\pm 201-300$ mm	Quantity	On the job	175.000,00
10.490.1200	Horizontal displacement capacity of $\pm 301-400$ mm	Quantity	On the job	215.000,00
10.490.1201	Horizontal displacement capacity of $\pm 401-500$ mm	Quantity	On the job	270.000,00
10.490.1202	Horizontal displacement capacity of $\pm 501-600$ mm	Quantity	On the job	315.000,00
10.490.1203	Horizontal displacement capacity of $\pm 601-700$ mm	Quantity	On the job	420.000,00
10.490.1204	Horizontal displacement capacity of $\pm 701-800$ mm	Quantity	On the job	505.000,00
Equivalent radius of curvature between 6001-8000 mm				
Maximum vertical load carrying capacity between 0-2500 kN				
10.490.1205	Horizontal displacement capacity of $\pm 301-400$ mm	Quantity	On the job	95.000,00
10.490.1206	Horizontal displacement capacity of $\pm 401-500$ mm	Quantity	On the job	108.000,00
10.490.1207	Horizontal displacement capacity of $\pm 501-600$ mm	Quantity	On the job	128.000,00
10.490.1208	Horizontal displacement capacity of $\pm 601-700$ mm	Quantity	On the job	155.000,00
10.490.1209	Horizontal displacement capacity of $\pm 701-800$ mm	Quantity	On the job	195.000,00
Maximum vertical load carrying capacity between 2501-5000 kN				
10.490.1210	Horizontal displacement capacity of $\pm 301-400$ mm	Quantity	On the job	104.000,00
10.490.1211	Horizontal displacement capacity of $\pm 401-500$ mm	Quantity	On the job	128.000,00
10.490.1212	Horizontal displacement capacity of $\pm 501-600$ mm	Quantity	On the job	150.000,00
10.490.1213	Horizontal displacement capacity of $\pm 601-700$ mm	Quantity	On the job	195.000,00
10.490.1214	Horizontal displacement capacity of $\pm 701-800$ mm	Quantity	On the job	235.000,00
Maximum vertical load carrying capacity between 5001-7500 kN				
10.490.1215	Horizontal displacement capacity of $\pm 301-400$ mm	Quantity	On the job	122.000,00
10.490.1216	Horizontal displacement capacity of $\pm 401-500$ mm	Quantity	On the job	150.000,00
10.490.1217	Horizontal displacement capacity of $\pm 501-600$ mm	Quantity	On the job	175.000,00
10.490.1218	Horizontal displacement capacity of $\pm 601-700$ mm	Quantity	On the job	222.000,00
10.490.1219	Horizontal displacement capacity of $\pm 701-800$ mm	Quantity	On the job	270.000,00
Maximum vertical load carrying capacity between 7501-10000 kN				
10.490.1220	Horizontal displacement capacity of $\pm 301-400$ mm	Quantity	On the job	135.000,00
10.490.1221	Horizontal displacement capacity of $\pm 401-500$ mm	Quantity	On the job	155.000,00
10.490.1222	Horizontal displacement capacity of $\pm 501-600$ mm	Quantity	On the job	202.000,00
10.490.1223	Horizontal displacement capacity of $\pm 601-700$ mm	Quantity	On the job	235.000,00
10.490.1224	Horizontal displacement capacity of $\pm 701-800$ mm	Quantity	On the job	290.000,00
Maximum vertical load carrying capacity between 10001-12500 kN				
10.490.1225	Horizontal displacement capacity of $\pm 301-400$ mm	Quantity	On the job	148.000,00
10.490.1226	Horizontal displacement capacity of $\pm 401-500$ mm	Quantity	On the job	182.000,00
10.490.1227	Horizontal displacement capacity of $\pm 501-600$ mm	Quantity	On the job	222.000,00
10.490.1228	Horizontal displacement capacity of $\pm 601-700$ mm	Quantity	On the job	263.000,00
10.490.1229	Horizontal displacement capacity of $\pm 701-800$ mm	Quantity	On the job	330.000,00
Maximum vertical load carrying capacity between 12501-15000 kN				
10.490.1230	Horizontal displacement capacity of $\pm 301-400$ mm	Quantity	On the job	162.000,00
10.490.1231	Horizontal displacement capacity of $\pm 401-500$ mm	Quantity	On the job	190.000,00
10.490.1232	Horizontal displacement capacity of $\pm 501-600$ mm	Quantity	On the job	243.000,00
10.490.1233	Horizontal displacement capacity of $\pm 601-700$ mm	Quantity	On the job	290.000,00

10.130.-Market Prices for Materials

Item No	Description	UoM	Purchased at	Market Price (TRY)
10.490.1234	Horizontal displacement capacity of $\pm 701-800$ mm	Quantity	On the job	360.000,00
Maximum vertical load carrying capacity between 15501-17500 kN				
10.490.1235	Horizontal displacement capacity of $\pm 301-400$ mm	Quantity	On the job	180.000,00
10.490.1236	Horizontal displacement capacity of $\pm 401-500$ mm	Quantity	On the job	215.000,00
10.490.1237	Horizontal displacement capacity of $\pm 501-600$ mm	Quantity	On the job	265.000,00
10.490.1238	Horizontal displacement capacity of $\pm 601-700$ mm	Quantity	On the job	320.000,00
10.490.1239	Horizontal displacement capacity of $\pm 701-800$ mm	Quantity	On the job	390.000,00
Maximum vertical load carrying capacity between 17501-20000 kN				
10.490.1240	Horizontal displacement capacity of $\pm 301-400$ mm	Quantity	On the job	202.000,00
10.490.1241	Horizontal displacement capacity of $\pm 401-500$ mm	Quantity	On the job	245.000,00
10.490.1242	Horizontal displacement capacity of $\pm 501-600$ mm	Quantity	On the job	290.000,00
10.490.1243	Horizontal displacement capacity of $\pm 601-700$ mm	Quantity	On the job	358.000,00
10.490.1244	Horizontal displacement capacity of $\pm 701-800$ mm	Quantity	On the job	425.000,00



REPUBLIC OF TÜRKİYE
MINISTRY OF ENVIRONMENT, URBANIZATION,
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CONSTRUCTION WORKS

2025



REPUBLIC OF TÜRKİYE
MINISTRY OF ENVIRONMENT, URBANIZATION,
AND CLIMATE CHANGE

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CONSTRUCTION UNIT PRICE DEFINITIONS
ANNEX
PRICE LIST

2025



GENERAL PROVISIONS AND EXPLANATIONS FOR CONSTRUCTION WORKS

- 1- Prepared pursuant to Article 97, Paragraph 1, subparagraph (k) of Presidential Decree No. 1 on the Organization of the Presidency, regarding the Organization and Duties of our Ministry.
 - 2- In case there are printer's and material errors in Unit Prices, the latest values as may be corrected by the Ministry of Environment, Urbanization, and Climate Change shall be taken as basis, and the amendments made accordingly shall be published in the page of the Higher Technical Board on www.csb.gov.tr or directly on <https://yfk.csb.gov.tr/>.
 - 3- The unit price manufactures applicable shall be in compliance with the Turkish Standards referred to in unit price definitions. In case of a later change in those standards, the latest versions of the standards in effect shall apply.
 - 4- The table indicating the names of the materials in the Market Price Lists of 2025 as may be amended as per the standards shall also be applicable to the Unit Prices of 2025 in terms of size and definition.
 - 5- The unit prices amended to comply with the amended analyses shall be in effect from the beginning of the year in which they are put into effect, and the unit prices for a given application year shall be found by taking as basis the unit price analyses for the contracts tendered in previous years.
 - 6- General Technical Specifications published by the Ministry of Environment, Urbanization, and Climate Change shall be complementary to such unit prices and their definitions.
 - 7- The works and manufactures in this list shall be performed and made in compliance with the relevant legislations of Environment, Health, Occupational Safety, Fire, Structural Materials and similar other legislation. If the Unit Price Definitions or the annexed Unit Price List does not refer to the relevant legislation or if there are hesitations as to the referred legislation, the legislation in effect shall be applicable.
 - 8- The unit prices published and updated on an annual basis by our Ministry shall be taken as basis as per the following statement in the article 17, paragraph 9 of the Law No. 6446 on the Electricity Market:

As per the provision "Unit prices for ground destruction which may arise from the infrastructure works shall not exceed the unit prices published by the Ministry of Environment, Urbanization, and Climate Change," unit prices updated and published every year by our Ministry shall apply in determining the cost of ground destruction. Nevertheless, if the unit prices to be taken into consideration are not available in the unit price lists of our Ministry, the unit prices of the General Directorate of Highways, the General Directorate of İlbank A.Ş. and the General Directorate of State Hydraulic Works shall be taken as basis in the order of priority mentioned herein.
 - 9- In line with the Presidency's 2053 Net Zero Emission Target, and with a view to reducing carbon emissions from construction materials to the lowest possible levels and promoting the use of green cement, it is possible to update the auxiliary analyses by replacing the material price of 10.130.1203 Portland Cement (Bagged) with that of 10.130.1209 Portland Limestone Cement (Bagged), or alternatively, with the relevant material price of other cement classes of the same strength class and in bagged form.
 - 10- Unit prices include 25% contractor's profit and overheads.
 - 11- The prices in the Unit Price list do not include VAT.
- (Effective as of January 1, 2025.)

ITEM NO ADVANCE MATERIAL TYPE

ADVANCE MATERIAL LIST:

- 1- Cements (Ordinary and White)
- 2- Reinforcement Steel Products:
 - a) Reinforcing Steel Bar (Ø6 mm)
 - b) Reinforcing Steel Bar (Ø8–Ø10–Ø12 mm)
 - c) Reinforcing Steel Bar (Ø14–Ø50 mm)
 - d) Reinforcing steel bar, ribbed (111 a) (Ø8–Ø12 mm)
 - e) Reinforcing steel bar, ribbed (111 a) (Ø14–Ø32 mm)
 - f) Ribbed Welded Wire Mesh (Weight per m²: 3.01–10.00 kg)
 - g) Ribbed Welded Wire Mesh (Weight per m²: 1.50–3.00 kg)
- 3- Profile steels (I, U, T, omega) and steel pipes
- 4- Sheet metal products:
 - a) Plain black sheet (0.70–2.50 mm)
 - b) DKP sheets (0.40–20 mm)
 - c) Galvanized flat sheet
 - d) Galvanized corrugated sheet
- 5- Bricks:
 - a) Handmade clay brick
 - b) Horizontally perforated brick (19 × 19 × 8.5 cm)
 - c) Horizontally perforated brick (19 × 19 × 13.5 cm)
 - d) Solid or vertically perforated brick (19 × 9 × 5 cm)
 - e) Vertically perforated brick (19 × 29 × 13.5 cm)
 - f) Vertically perforated brick (19 × 19 × 8.5 cm)
 - g) Vertically perforated brick (19 × 9 × 8.5 cm)
 - h) Vertically perforated brick (19 × 29 × 13.5 cm)
 - i) Lightweight vertically perforated brick
(From 04.018/İ1 to 04.018/İ48)
- 6- Traditional pantiles, corrugated roof tiles, and ridge tiles
- 7- Sand and gravel:
 - a) All-in aggregate, sand, and gravel
 - b) Screened and washed sand
 - c) Screened and washed gravel
- 8- Stones:
 - a) Crushed stone
 - b) Quarry stone
- 9- Marble and travertine (any size and color)
- 10- Marble powder and chips
- 11- Quicklime (unslaked)
- 12- Ceramic tiles (any size, color, type)
- 13- Ceramics (any size, color, type)
- 14- Cement tiles
- 15- Mosaic tiles (any color and type)
- 16- Artificial marble slabs and stair treads with ordinary or white cement marble chips
- 17- Copper and zinc sheets (for roofing)

<u>ITEM NO</u>	<u>ADVANCE MATERIAL TYPE</u>

18-	Flat aluminum sheets (any type)
19-	Trapezoidal aluminum sheets (various thicknesses)
20-	Aluminum profiles (any type)
21-	PVC joinery profiles (reinforced and non-reinforced)
22-	Lumbers: a) Pine (Class I) b) Pine (Class II) c) Fir (Class I) d) Fir (Class II)
23-	For door and window joinery of any type, 70% of installed production shall be paid.
24-	Asbestos-cement sheets (flat and corrugated) (6 mm thick, any size)
25-	Bitumen corrugated sheets with organic fiber (black or colored), 3 mm thick
26-	LIGHTWEIGHT AAC MATERIALS: a) Non-reinforced blocks b) Non-reinforced insulation panels c) Reinforced panels d) Reinforced wall elements

27-	PUMICE CONCRETE MATERIALS:

	a) Hollow and solid wall units (any size) b) Hollow floor blocks

28-	POLYMER-BITUMEN SHEETS

	NOTE:

	1) Items not eligible for advance payment shall be struck from the list.
	2) No advance payment shall be made for materials not listed herein.
	3) For the following materials, transportation costs shall be paid as per the General Technical Specifications: 3.1 Sand, gravel, all-in aggregate, lightweight aggregate (from the nearest warehouse for marble powder and chips) 3.2 Quicklime, cement 3.3 Quarry stone (blocks, rubble, dressed stone, crushed stone) 3.4 Bricks (perforated, solid, handmade, factory-made, lightweight) 3.5 Reinforced and non-reinforced AAC materials 3.6 Bricks 3.7 For steel materials (including reinforcing bars, welded wire mesh, ribbed steel, structural profiles, profile pipes, black and DKP sheet metal), transportation costs shall be calculated in accordance with the General Technical Specifications for Transport and paid separately.
	4) Advance material costs are subject to reductions and discounts.
	5) Transportation costs for cement and steel do not include loading charges, which shall be borne by the procuring organization when purchasing from factories.
	6) Item titles are written in the price list, and the records under the relevant item numbers shall form the basis for measurement conditions.
	7) For materials listed under advance provision that have multiple variants (e.g., cement, bricks, lumber), payment shall be made based on the actual cost of the specific type used

- 8) Units of measure and prices for advance provision materials shall be taken from the Market Price List forming the basis of construction unit prices.

CARRIAGE FORMULAS

1- Carriage by motor vehicles:

- a) Item No. 19.100.2493 (07.004) – Carriage of any type of excavation material, with carriage distances measured according to Bruckner’s curve, to a distance of ... m:

F: $0.00023 \times K \times \sqrt{M}$ TRY /ton

- b) For any type of paved road with an average gradient of 10%, based on the route and carriage distance:

b/1: For $M < 10$ km

Item No. 07.005 $\rightarrow F = 0.00017 \times K \times \sqrt{M}$ TRY/ton

b/2 For $M > 10$ km

Item No. 07.006 $\rightarrow F = K \times (0.0007M + 0.01)$ TRY/ton

In the first formula, $M = m$; in the second formula, $M = km$.

The “K” in motor vehicle formulas is the Carriage Coefficient for Motor Vehicles of Any Type and Tonnage, as specified under Item No. 10.110.1003 (02.017) of the market price list published by the Ministry of Environment, Urbanization, and Climate Change.

NOTE: In applying Items 19.100.2494 (07.005) and 19.100.2495 (07.006):

- I. If one or more of these factors occur simultaneously: Characteristics of the carriage roads,
 - II. Adverse weather conditions,
 - III. Coincidence of the carriage works with periods of heavy commercial traffic in the region, and depending on the nature of the work, the carriage fee shall be calculated by multiplying the carriage formulas by coefficient A.
- I) After obtaining approval from the authorized body of the investing organization before the reduction for the coefficient A, provided that approval has been obtained from the competent authority of the contracting entity.

A shall be a value between 1.00 (inclusive) and 2.00 (inclusive). If no value is set for A in the contract and annexes prior to tender,

$$A = 1 + \frac{0.25}{M} [b + d + 2(c + e) + 3f]$$

the following formula shall be used to calculate carriage based on road conditions:

In the formula:

M = total length of carriage route (m)

b = length of paved road with gradient of 10–15% (inclusive) (m)

c = length of paved road with gradient $>15\%$ (m)

d = length of unpaved road with gradient $\leq 10\%$ (m)

e = length of unpaved road with gradient of 10–15% (inclusive) (m)

f = length of unpaved road with gradient $>15\%$ (m).

NOTE: Where excavation, road, superstructure, and industrial materials measured in cubic meters (m^3):

- a. consist of mixed types and sizes,
- b. have densities not specified due to being dry, moist, or wet,
- c. include a mixture of soils and construction materials in the same project,

then the carriage fee per m³ shall be calculated by

multiplying the coefficients in Items 19.100.2493 (07.004), 19.100.2494 (07.005), and 19.100.2495 (07.006) by a coefficient not exceeding 2. This coefficient shall be determined prior to tender in the contract and annexes and approved by the competent authority of the contracting entity, and applied to all materials to be carried in m³ (excluding water).

2. Carriage by wheelbarrow, animal-back, or animal-drawn vehicles:

Item 19.100.2001 (07.001) Wheelbarrow carriage.

Carriage of 1 ton of load for a distance of M = ... m.

$$F = 0.013 \times k \times M \text{ TRY/ton}$$

k = Hourly wage of an unskilled worker (TRY)

M = Carriage distance up to 100 m (inclusive)

Item 19.100.2491 (07.002) Animal-back carriage.

Carriage of 1 ton of load for a distance of M = ... m.

$$F = k \times (0.0002M + 0.025) \text{ TRY/ton}$$

k = Item No. 10.110.1001 (02.002) of the market price list ("Daily rate for a pack train of three horses or mules with a driver, or five donkeys"), as published by the Ministry of Environment, Urbanization, and Climate Change.

3- Item No. 19.100.2492 (07.003) – Animal-drawn carts.

Carriage of 1 ton of load for a distance of M = ... m.

$$F = k \times (0.00016M + 0.03) \text{ TRY/ton}$$

k = Item No. 10.110.1002 (02.016) of the market price list ("Carriage coefficient for animal-drawn carts"), as published by the Ministry of Environment, Urbanization, and Climate Change

NOTE: The above carriage formulas (Sections 1, 2, 3) specify the carriage fee per ton, excluding loading and unloading.

- a. Where material carriage analysis does not include loading, unloading, spreading, or stacking at site, the corresponding amounts shall be calculated separately under Items 15.100.1001–1008, based on cost without profit or overhead, and added to the total.
- b. For carriages measured in m³, the carriage fee shall be: $F \text{ per m}^3 = (\text{Carriage fee per ton}) \times (\text{Material density})$.
- c. The carriage fee for reinforced concrete flumes and plastic pipes shall be paid at double the amount calculated by the relevant formula.

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
LOADING, UNLOADING AND STOWING MATERIALS (Except Transportation)			
15.100.1001	Loading, unloading and stowing of any type of 1-ton cement and lime (Loading fee is deducted for ex-factory materials.)	Tons	206,25
15.100.1002	Loading onto vehicles, unloading from vehicles and storing of 1 m ³ of sand, gravel, all-in aggregate materials, stabilized crushed stone, lightweight aggregate, and marble chips	m ³	30,63
15.100.1003	Loading onto vehicles, unloading from vehicles and storing of 1 m ³ of any type of stone	m ³	33,54
15.100.1004	Loading onto vehicles, unloading from vehicles, and stowing of 1 ton of any type of reinforcement steel, profiles and flat bars (Loading fee is deducted for ex-factory materials.)	Tons	134,98
15.100.1005	Loading onto vehicles, unloading from vehicles, and stowing of 1 ton of steel pipes	Tons	269,94
15.100.1006	Loading onto vehicles, unloading from vehicles, and stowing of 1 ton of PE, HDPE and PVC-based pipes of any type	Tons	404,91
15.100.1007	Loading onto vehicles, unloading from vehicles, and stowing of regular, exterior wall, modular solid or perforated bricks and grooved tiles	1000 pcs.	180,59
15.100.1008	Loading onto vehicles, unloading from vehicles, and stowing of any type of AAC material, expanded perlite aggregate, and materials (bricks, panels, premixed dry mortar, etc.) made of such aggregate	m ³	51,60
CUTTING, UPROOTING AND CLEARING OF SHRUBS AND TREES IN THE EXCAVATION AREA			
15.105.1001	Cutting and clearing of the shrubs in the excavation area	100 m ²	5.156,25
15.105.1002	Clearing and uprooting plants by machines in the excavation area	100 m ²	511,03
Cutting and Uprooting of Trees:			
15.105.1101	Manual cutting and uprooting of trees, for each tree that is 5 to 10 cm (including 10 cm) in diameter	Qty	103,13
15.105.1102	Manual cutting and uprooting of trees, for each tree that is 11 to 20 cm (including 20 cm) in diameter	Qty	206,25
15.105.1103	Manual cutting and uprooting of trees, for each tree that is 21 to 30 cm (including 30 cm) in diameter	Qty	412,50
15.105.1104	Manual cutting and uprooting of trees, for each tree that is 31 to 40 cm (including 40 cm) in diameter	Qty	618,75
15.105.1105	Manual cutting and uprooting of trees, for each tree that is 41 to 50 cm (including 50 cm) in diameter	Qty	825,00
15.105.1106	Manual cutting and uprooting of trees, for each tree that is 51 to 60 cm (including 60 cm) in diameter	Qty	1.237,50
15.105.1107	Manual cutting and uprooting of trees, for each tree that is 61 to 70 cm (including 70 cm) in diameter	Qty	1.856,25
15.105.1108	Manual cutting and uprooting of trees, for each tree that is 71 to 80 cm (including 80 cm) in diameter	Qty	2.475,00
15.105.1109	Manual cutting and uprooting of trees, for each tree with a diameter larger than 81 cm	Qty	4.125,00
PAY RISE FORMULAE FOR EXCAVATION DEPTH:			
15.110.1001	Depth surcharge for manual deep excavations (wide or narrow) in all types of soil, without shoring: $F=103.125 \times H - 206.25$ (including 25% contractor's profit and overheads)	m ³	
15.110.1002	Pay rise for depth for manual excavations (wide-narrow) in any type of soil (opposite, open, frequent intervals and full plating timbering) $F=206,25 \times H - 412,5$ (including 25% contractor's profit and overheads)	m ³	
	Note: H: The difference in meters between the elevation where free excavation ends and narrow excavation begins and the elevation of the deep excavation base elevation		
A) MANUAL FREE EXCAVATIONS:			
15.115.1001	Manual digging of soft soil (loose soil and topsoil, loose silt, sand and similar other materials)	m ³	412,50
15.115.1002	Manual digging of hard soil (clay, silty, sandy and soft clay, clayey sand and gravel, soil with stones that can be laid by shovel, and similar other flooring materials)	m ³	536,25
15.115.1003	Manual digging of soft loose rock layer (hard clay, soft marl and tuff, compact gravel, crushed and hand-laid loose rock sized up to 0.100 m ³ , mud and similar other soils for resemblance in terms of excavation difficulty)	m ³	670,31

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.115.1004	Manual digging of hard loose rock layer (altered and fissured rock, altered sandstone, schist, lithified marl and clay, any type of loose rock that can be crushed to 0.100 - 0.400 m ³ and laid manually, and similar other flooring materials)	m ³	773,44
15.115.1005	Excavation of soft rock manually or by a compressor, using explosives (stratified limestone, marl limestone, marl, schist, sandstone, loose conglomerate, gypsum, volcanic tuff (except basaltic tuff), same type of loose rock larger than 0.400 m ³ , and similar other flooring materials)	m ³	602,79
15.115.1006	Excavation of hard rock manually or by a compressor, using explosives (thick layers and masses of hard sandstone, strongly cemented conglomerate, hard limestone, marble, unaltered antigorite, andesite trachyte basalt tuffs, and the same type of loose rocks and similar other flooring materials sized above 0.400 m ³)	m ³	736,10
15.115.1007	Excavation of very hard rock manually or by a compressor, using explosives (unaltered granite and similar materials, basalt, porphyry, quartz, and similar other loose rocks and similar other flooring materials sized above 0.400 m ³)	m ³	894,59
15.115.1008	Excavation of soft rock manually or by a compressor, without using explosives (stratified limestone, marl limestone, marl, schist, sandstone, loose conglomerate, gypsum, volcanic tuff (except basaltic tuff), same type of loose rock larger than 0.400 m ³ , and similar other flooring materials)	m ³	1.044,50
15.115.1009	Excavation of hard rock manually or by a compressor, without using explosives (hard sandstone, strongly cemented conglomerate, hard limestone, marble, unaltered antigorite, andesite, trachyte basalt tuffs, and the same type of loose rocks and similar other flooring materials sized above 0.400 m ³)	m ³	1.417,95
15.115.1010	Excavation of very hard rock manually or by a compressor, without using explosives (unaltered granite and similar materials, basalt, porphyry, quartz, and similar other loose rocks and similar other flooring materials sized above 0.400 m ³)	m ³	2.135,99
15.115.1011	Manual excavation of sludge or slime (fluid and adhesive flooring materials with high water content, which do not easily release its water content)	m ³	1.237,50
B) MANUAL DEEP EXCAVATIONS (The pay rise for depth per the item 14.040 shall be applicable to the excavations deeper than 2.00 meters.)			
15.115.1201	Manual wide and deep excavation of soft and hard soil at any depth (loose topsoil, loose silt, sand, clay, silty, sandy and soft clay, clayey sand and gravel, soil with stones that can be laid by shovel, and similar other flooring materials)	m ³	773,44
15.115.1202	Manual narrow and deep excavation of soft and hard soil at any depth (loose topsoil, loose silt, sand, clay, silty, sandy and soft clay, clayey sand and gravel, soil with stones that can be laid by shovel, and similar other flooring materials)	m ³	850,79
15.115.1203	Manual wide and deep excavation of soft and hard loose rock layer at any depth (hard clay, soft marl and tuff, compact gravel, mud because of similar difficulty of excavation, altered and fissured rock, altered sandstone, schist, lithified marl and clay, any type of loose rocks and similar other flooring materials sized 0 to 0.400 m ³)	m ³	1.113,75
15.115.1204	Manual narrow and deep excavation of soft and hard loose rock layer at any depth (hard clay, soft marl and tuff, compact gravel, mud because of similar difficulty of excavation, altered and fissured rock, altered sandstone, schist, lithified marl and clay, any type of loose rocks and similar other flooring materials sized 0 to 0.400 m ³)	m ³	1.225,13
15.115.1205	Wide and deep excavation manually or by compressor and explosive at any depth in soft, hard and very hard rock (stratified limestone, marn limestone, marl, schist, sandstone, loose conglomerate, gypsum, volcanic tuff (except basalt tuff) hard sandstone, strongly cemented conglomerate, hard limestone, marble, unaltered antigorite, andesite, trachyte basalt tuff, unaltered granite and similar other materials, basalt, porphyry, quartz, and similar type of loose rocks and similar other materials larger than 0.400 m ³)	m ³	1.339,18
15.115.1206	Narrow and deep excavation manually or by compressor and explosive at any depth in soft, hard and very hard rock (stratified limestone, marn limestone, marl, schist, sandstone, loose conglomerate, gypsum, volcanic tuff (except basalt tuff) hard sandstone, strongly cemented conglomerate, hard limestone, marble, unaltered antigorite, andesite, trachyte basalt tuff, unaltered granite and similar other materials, basalt, porphyry, quartz, and similar type of loose rocks and similar other materials larger than 0.400 m ³)	m ³	1.473,09
15.115.1207	Wide and deep excavation manually or by compressor and without explosive at any depth in soft rock (stratified limestone, marl limestone, marl, schist, sandstone, loose conglomerate, gypsum, volcanic tuff (except basaltic tuff), same type of loose rock larger than 0.400 m ³ , and similar other flooring materials)	m ³	1.501,79
15.115.1208	Narrow and deep excavation manually or by compressor and without explosive at any depth in soft rock (stratified limestone, marl limestone, marl, schist, sandstone, loose conglomerate, gypsum, volcanic tuff (except basaltic tuff), same type of loose rock larger than 0.400 m ³ , and similar other flooring materials)	m ³	1.651,96

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.115.1209	Wide and deep excavation manually or by compressor and without explosive at any depth in hard rock (thick layers and masses of hard sandstone, strongly cemented conglomerate, hard limestone, marble, unaltered antigorite, andesite, trachyte basalt tuffs, and the same type of loose rocks and similar other flooring materials sized above 0.400 m ³)	m ³	1.875,24
15.115.1210	Narrow and deep excavation manually or by compressor and without explosive at any depth in hard rock (thick layers and masses of hard sandstone, strongly cemented conglomerate, hard limestone, marble, unaltered antigorite, andesite, trachyte basalt tuffs, and the same type of loose rocks and similar other flooring materials sized above 0.400 m ³)	m ³	2.062,76
15.115.1211	Wide and deep excavation manually or by compressor and without explosive at any depth in very hard rock (unaltered granite and similar materials, basalt, porphyry, quartz, and similar other loose rocks and similar other flooring materials sized above 0.400 m ³)	m ³	2.622,14
15.115.1212	Narrow and deep excavation manually or by compressor and without explosive at any depth in very hard rock (unaltered granite and similar materials, basalt, porphyry, quartz, and similar other loose rocks and similar other flooring materials sized above 0.400 m ³)	m ³	2.884,35
15.115.1213	Manual layer-by-layer compaction of all types of placed excavation material (excluding rock soils) using a hand tamper	m ³	211,06
15.115.1214	Smooth over the base of the fill	1000 m ²	309,38
15.115.1215	Manually digging sludge and slime at any depth (wide and deep). (fluid and adhesive flooring materials with high water content, which do not easily release its water content)	m ³	1.866,56
15.115.1216	Manually digging sludge and slime at any depth (narrow and deep). (fluid and adhesive flooring materials with high water content, which do not easily release its water content)	m ³	2.053,23
MECHANIZED EXCAVATIONS FOR CONSTRUCTION WORKS:			
A- Mechanized free excavations:			
15.120.1001	Machine excavation of soft and hard soil (Free excavation)	m ³	47,54
15.120.1002	Machine excavation of soft and hard layers of loose rock (free excavation)	m ³	63,25
15.120.1003	Machine excavation of sludge and slime (free excavation)	m ³	93,48
15.120.1004	Machine excavation of soft rock, using explosives (Free excavation)	m ³	134,46
15.120.1005	Machine excavation of soft rock, without using explosives (Free excavation)	m ³	105,43
15.120.1006	Machine excavation of hard rock, using explosives (Free excavation)	m ³	183,60
15.120.1007	Machine excavation of hard rock, without using explosives (Free excavation)	m ³	242,08
15.120.1008	Machine excavation of very hard rock, using explosives (Free excavation)	m ³	244,38
15.120.1009	Machine excavation of very hard rock, without using explosives (Free excavation)	m ³	327,30
B- Mechanized deep excavations:			
15.120.1101	Machine excavation of soft and hard soil at any depth and width (Deep excavation)	m ³	54,78
15.120.1102	Machine excavation of soft and hard layer of loose rock at any depth and width (Deep excavation)	m ³	80,58
15.120.1103	Machine excavation of sludge and slime at any depth and width (Deep excavation)	m ³	127,76
15.120.1104	Machine excavation of soft rock, using explosives at any depth and width (Deep excavation)	m ³	192,98
15.120.1105	Machine excavation of soft rock, without using explosives, at any depth and width (Deep excavation)	m ³	131,39
15.120.1106	Machine excavation of hard rock, using explosives at any depth and width (Deep excavation)	m ³	240,45
15.120.1107	Machine excavation of hard rock, without using explosives, at any depth and width (Deep excavation)	m ³	314,35

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.120.1108	Machine excavation of very hard rock, using explosives at any depth and width (Deep excavation)	m ³	315,83
15.120.1109	Machine excavation of very hard rock, without using explosives, at any depth and width (Deep excavation)	m ³	393,58
FILLING WORKS			
15.125.1001	Supply, and manual laying, watering and compacting of sand	m ³	472,31
15.125.1002	Supply, and manual laying, watering and compacting of gravel	m ³	469,81
15.125.1003	Supply, and machine laying, watering and compacting of sand	m ³	204,19
15.125.1004	Supply, and machine laying, watering and compacting of gravel	m ³	201,69
15.125.1005	Supplying sand, and making drainage	m ³	752,50
15.125.1006	Supplying gravel, and making drainage	m ³	750,00
15.125.1007	Supply, and manual laying, watering and compacting of crushed stone up to 32 mm	m ³	797,31
15.125.1008	Supply, and machine laying, watering and compacting of crushed stone up to 32 mm	m ³	529,19
15.125.1009	Supply, and manual laying, watering and compacting of crushed stone up to 63 mm	m ³	741,06
15.125.1010	Supply, and machine laying, watering and compacting of crushed stone up to 63 mm	m ³	472,94
15.125.1011	Backfill with lightweight aggregate (Sieved clinker)	m ³	129,38
TIMBERING WORK:			
15.130.1002	Full timber shoring for excavations	m ²	919,38
15.130.1003	Frequently spaced timbering	m ²	643,56
15.130.1004	Open timber shoring for excavations	m ²	459,69
JET GROUTING			
15.135.1001	Building jet grout columns Ø60 cm in diameter for any length, angle and any kind of soil (by jet 1 grouting method) (including drilling)	m	896,11
15.135.1002	Building jet grout columns Ø80 cm in diameter for any length, angle and any kind of soil (by jet 1 grouting method) (including drilling)	m	1.039,74
15.135.1003	Building jet grout columns Ø60 cm in diameter for any length, angle and any kind of soil (by jet 2 grouting method) (including drilling)	m	1.037,10
15.135.1004	Building jet grout columns Ø80 cm in diameter for any length, angle and any kind of soil (by jet 2 grouting method) (including drilling)	m	1.199,53
15.135.1005	Building jet grout columns Ø100 cm in diameter for any length, angle and any kind of soil (by jet 2 grouting method) (including drilling)	m	1.425,20
BORED PILE WORKS			
(including the boring and concrete charges, excluding the iron charge)			
using C 20 / 25 ready-mix concrete			
15.140.1001	Making cast in-situ reinforced concrete bored piles with Ø30 cm diameter, any length, C 20/25 compressive strength	m	1.228,39
15.140.1002	Making cast in-situ reinforced concrete bored piles with Ø45 cm diameter, any length, C 20/25 compressive strength	m	1.637,14
15.140.1003	Making cast in-situ reinforced concrete bored piles with Ø65 cm diameter, C 20/25 compressive strength (0.00 to 18.00 m, including 18.00 m)	m	2.762,46
15.140.1004	Making cast in-situ reinforced concrete bored piles with Ø65 cm diameter, C 20/25 compressive strength (18.01 to 36.00 m, including 36.00 m)	m	2.968,33
15.140.1005	Making cast in-situ reinforced concrete bored piles with Ø80 cm diameter, C 20/25 compressive strength (0.00 to 18.00 m, including 18.00 m)	m	3.672,01
15.140.1006	Making cast in-situ reinforced concrete bored piles with Ø80 cm diameter, C 20/25 compressive strength (18.01 to 36.00 m, including 36.00 m)	m	4.015,11
15.140.1007	Making cast in-situ reinforced concrete bored piles with Ø100 cm diameter, C 20/25 compressive strength (0.00 to 18.00 m, including 18.00 m)	m	5.507,68
15.140.1008	Making cast in-situ reinforced concrete bored piles with Ø100 cm diameter, C 20/25 compressive strength (18.01 to 36.00 m, including 36.00 m)	m	6.115,13
15.140.1009	Making cast in-situ reinforced concrete bored piles with Ø120 cm diameter, C 20/25 compressive strength (0.00 to 18.00 m, including 18.00 m)	m	7.624,74
15.140.1010	Making cast in-situ reinforced concrete bored piles with Ø120 cm diameter, C 20/25 compressive strength (18.01 to 36.00 m, including 36.00 m)	m	8.492,53

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.140.1011	Making cast in-situ reinforced concrete bored piles with Ø165 cm diameter, C 20/25 compressive strength (0.00 to 18.00 m, including 18.00 m)	m	12.838,89
15.140.1012	Making cast in-situ reinforced concrete bored piles with Ø165 cm diameter, C 20/25 compressive strength (18.01 to 36.00 m, including 36.00 m)	m	14.574,45
using C 25 / 30 ready-mix concrete			
15.140.1101	Making cast in-situ reinforced concrete bored piles with Ø30 cm diameter, any length, C 25/30 compressive strength	m	1.238,39
15.140.1102	Making cast in-situ reinforced concrete bored piles with Ø45 cm diameter, any length, C 25/30 compressive strength	m	1.658,39
15.140.1103	Making cast in-situ reinforced concrete bored piles with Ø65 cm diameter, C 25/30 compressive strength (0.00 to 18.00 m, including 18.00 m)	m	2.807,46
15.140.1104	Making cast in-situ reinforced concrete bored piles with Ø65 cm diameter, C 25/30 compressive strength (18.01 to 36.00 m, including 36.00 m)	m	3.013,33
15.140.1105	Making cast in-situ reinforced concrete bored piles with Ø80 cm diameter, C 25/30 compressive strength (0.00 to 18.00 m, including 18.00 m)	m	3.740,76
15.140.1106	Making cast in-situ reinforced concrete bored piles with Ø80 cm diameter, C 25/30 compressive strength (18.01 to 36.00 m, including 36.00 m)	m	4.083,86
15.140.1107	Making cast in-situ reinforced concrete bored piles with Ø100 cm diameter, C 25/30 compressive strength (0.00 to 18.00 m, including 18.00 m)	m	5.615,18
15.140.1108	Making cast in-situ reinforced concrete bored piles with Ø100 cm diameter, C 25/30 compressive strength (18.01 to 36.00 m, including 36.00 m)	m	6.222,63
15.140.1109	Making cast in-situ reinforced concrete bored piles with Ø120 cm diameter, C 25/30 compressive strength (0.00 to 18.00 m, including 18.00 m)	m	7.779,74
15.140.1110	Making cast in-situ reinforced concrete bored piles with Ø120 cm diameter, C 25/30 compressive strength (18.01 to 36.00 m, including 36.00 m)	m	8.647,53
15.140.1111	Making cast in-situ reinforced concrete bored piles with Ø165 cm diameter, C 25/30 compressive strength (0.00 to 18.00 m, including 18.00 m)	m	13.132,64
15.140.1112	Making cast in-situ reinforced concrete bored piles with Ø165 cm diameter, C 25/30 compressive strength (18.01 to 36.00 m, including 36.00 m)	m	14.868,20
using C 30 / 37 ready-mix concrete			
15.140.1201	Making cast in-situ reinforced concrete bored piles with Ø30 cm diameter, any length, C 30/37 compressive strength	m	1.248,39
15.140.1202	Making cast in-situ reinforced concrete bored piles with Ø45 cm diameter, any length, C 30/37 compressive strength	m	1.679,64
15.140.1203	Making cast in-situ reinforced concrete bored piles with Ø65 cm diameter, C 30/37 compressive strength (0.00 to 18.00 m, including 18.00 m)	m	2.852,46
15.140.1204	Making cast in-situ reinforced concrete bored piles with Ø65 cm diameter, C 30/37 compressive strength (18.01 to 36.00 m, including 36.00 m)	m	3.058,33
15.140.1205	Making cast in-situ reinforced concrete bored piles with Ø80 cm diameter, C 30/37 compressive strength (0.00 to 18.00 m, including 18.00 m)	m	3.809,51
15.140.1206	Making cast in-situ reinforced concrete bored piles with Ø80 cm diameter, C 30/37 compressive strength (18.01 to 36.00 m, including 36.00 m)	m	4.152,61
15.140.1207	Making cast in-situ reinforced concrete bored piles with Ø100 cm diameter, C 30/37 compressive strength (0.00 to 18.00 m, including 18.00 m)	m	5.722,68
15.140.1208	Making cast in-situ reinforced concrete bored piles with Ø100 cm diameter, C 30/37 compressive strength (18.01 to 36.00 m, including 36.00 m)	m	6.330,13
15.140.1209	Making cast in-situ reinforced concrete bored piles with Ø120 cm diameter, C 30/37 compressive strength (0.00 to 18.00 m, including 18.00 m)	m	7.934,74
15.140.1210	Making cast in-situ reinforced concrete bored piles with Ø120 cm diameter, C 30/37 compressive strength (18.01 to 36.00 m, including 36.00 m)	m	8.802,53
15.140.1211	Making cast in-situ reinforced concrete bored piles with Ø165 cm diameter, C 30/37 compressive strength (0.00 to 18.00 m, including 18.00 m)	m	13.426,39
15.140.1212	Making cast in-situ reinforced concrete bored piles with Ø165 cm diameter, C 30/37 compressive strength (18.01 to 36.00 m, including 36.00 m)	m	15.161,95
DIAPHRAGM WALL WORKS			
	(Including the costs of excavation and concrete, excluding the cost of iron) (Note: Soil classes shall be determined according to the results of vertical pressure tests.)		

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.145.1001	Making cast-in-place reinforced concrete diaphragm walls, with a grab machine, for grounds with a vertical pressure value of 0-1 MPa, of any size, C 30/35 compressive strength (0.00 to 36.00 m, including 36.00 m)	m³	6.206,28
15.145.1002	Making cast-in-place reinforced concrete diaphragm walls, with a grab machine, for grounds with a vertical pressure value of 0-1 MPa, of any size, C 30/35 compressive strength (36.00 to 72.00 m, including 72.00 m)	m³	7.810,69
15.145.1003	Making cast-in-place reinforced concrete diaphragm walls, with a hydromill, for grounds with a vertical pressure value of 0-1 MPa, of any size, C 30/35 compressive strength (0.00 to 36.00 m, including 36.00 m)	m³	8.037,56
15.145.1004	Making cast-in-place reinforced concrete diaphragm walls, with a hydromill, for grounds with a vertical pressure value of 0-1 MPa, of any size, C 30/35 compressive strength (36.00 to 72.00 m, including 72.00 m)	m³	9.624,76
15.145.1005	Making cast-in-place reinforced concrete diaphragm walls, with a hydromill, for grounds with a vertical pressure value of 0-1 MPa, of any size, C 30/35 compressive strength (more than 72.00 m)	m³	14.386,34
15.145.1006	Making cast-in-place reinforced concrete diaphragm walls, with a grab machine, for grounds with a vertical pressure value of 1-2 MPa, of any size, C 30/35 compressive strength (0.00 to 36.00 m, including 36.00 m)	m³	7.810,69
15.145.1007	Making cast-in-place reinforced concrete diaphragm walls, with a grab machine, for grounds with a vertical pressure value of 1-2 MPa, of any size, C 30/35 compressive strength (36.00 to 72.00 m, including 72.00 m)	m³	10.377,74
15.145.1008	Making cast-in-place reinforced concrete diaphragm walls, with a hydromill, for grounds with a vertical pressure value of 1-20 MPa, of any size, C 30/35 compressive strength (0.00 to 36.00 m, including 36.00 m)	m³	9.624,76
15.145.1009	Making cast-in-place reinforced concrete diaphragm walls, with a hydromill, for grounds with a vertical pressure value of 1-20 MPa, of any size, C 30/35 compressive strength (36.00 to 72.00 m, including 72.00 m)	m³	12.799,15
15.145.1010	Making cast-in-place reinforced concrete diaphragm walls, with a hydromill, for grounds with a vertical pressure value of 1-20 MPa, of any size, C 30/35 compressive strength (more than 72.00 m)	m³	18.354,31
15.145.1011	Making cast-in-place reinforced concrete diaphragm walls, with a hydromill, for grounds with a vertical pressure value of 20-60 MPa, of any size, C 30/35 compressive strength (0.00 to 36.00 m, including 36.00 m)	m³	12.799,15
15.145.1012	Making cast-in-place reinforced concrete diaphragm walls, with a hydromill, for grounds with a vertical pressure value of 20-60 MPa, of any size, C 30/35 compressive strength (36.00 to 72.00 m, including 72.00 m)	m³	18.354,31
15.145.1013	Making cast-in-place reinforced concrete diaphragm walls, with a hydromill, for grounds with a vertical pressure value of 20-60 MPa, of any size, C 30/35 compressive strength (more than 72.00 m)	m³	25.496,68
15.145.1014	Making cast-in-place reinforced concrete diaphragm walls, with a hydromill, for grounds with a vertical pressure value of 60 MPa and more, of any size, C 30/35 compressive strength (0.00 to 36.00 m, including 36.00 m)	m³	19.147,91
15.145.1015	Making cast-in-place reinforced concrete diaphragm walls, with a hydromill, for grounds with a vertical pressure value of 60 MPa and more, of any size, C 30/35 compressive strength (36.00 to 72.00 m, including 72.00 m)	m³	25.496,68
15.145.1016	Making cast-in-place reinforced concrete diaphragm walls, with a hydromill, for grounds with a vertical pressure value of 60 MPa and more, of any size, C 30/35 compressive strength (more than 72.00 m)	m³	35.019,83
READY-MIX CONCRETE (GRAY, NORMAL)			
15.150.1001	Pouring of gray, regular, ready-mix concrete of compressive strength class C 8/10, manufactured in a concrete plant or purchased, and pumped by a concrete pump (including transportation of concrete)	m³	2.628,35
15.150.1002	Pouring of gray, regular, ready-mix concrete of compressive strength class C 12/15, manufactured in a concrete plant or purchased, and pumped by a concrete pump (including transportation of concrete)	m³	2.753,35
15.150.1003	Pouring of gray, regular, ready-mix concrete of compressive strength class C 16/20, manufactured in a concrete plant or purchased, and pumped by a concrete pump (including transportation of concrete)	m³	2.901,28
15.150.1004	Pouring of gray, regular, ready-mix concrete of compressive strength class C 20/25, manufactured in a concrete plant or purchased, and pumped by a concrete pump (including transportation of concrete)	m³	3.026,28
15.150.1005	Pouring of gray, regular, ready-mix concrete of compressive strength class C 25/30, manufactured in a concrete plant or purchased, and pumped by a concrete pump (including transportation of concrete)	m³	3.151,28
15.150.1006	Pouring of gray, regular, ready-mix concrete of compressive strength class C 30/37, manufactured in a concrete plant or purchased, and pumped by a concrete pump (including transportation of concrete)	m³	3.276,28
15.150.1007	Pouring of gray, regular, ready-mix concrete of compressive strength class C 35/45, manufactured in a concrete plant or purchased, and pumped by a concrete pump (including transportation of concrete)	m³	3.401,28

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.150.1008	Pouring of gray, regular, ready-mix concrete of compressive strength class C 40/50, manufactured in a concrete plant or purchased, and pumped by a concrete pump (including transportation of concrete)	m ³	3.526,28
15.150.1009	Pouring of gray, regular, ready-mix concrete of compressive strength class C 45/55, manufactured in a concrete plant or purchased, and pumped by a concrete pump (including transportation of concrete)	m ³	3.651,28
15.150.1010	Pouring of gray, regular, ready-mix concrete of compressive strength class C 50/60, manufactured in a concrete plant or purchased, and pumped by a concrete pump (including transportation of concrete)	m ³	3.776,28
READY-MIX CONCRETE (WHITE, NORMAL)			
15.150.1101	Pouring of white, regular, ready-mix concrete of compressive strength class C 8/10, manufactured in a concrete plant or purchased, and pumped by a concrete pump (including transportation of concrete)	m ³	3.128,35
15.150.1102	Pouring of white, regular, ready-mix concrete of compressive strength class C 12/15, manufactured in a concrete plant or purchased, and pumped by a concrete pump (including transportation of concrete)	m ³	3.253,35
15.150.1103	Pouring of white, regular, ready-mix concrete of compressive strength class C 16/20, manufactured in a concrete plant or purchased, and pumped by a concrete pump (including transportation of concrete)	m ³	3.401,28
15.150.1104	Pouring of white, regular, ready-mix concrete of compressive strength class C 20/25, manufactured in a concrete plant or purchased, and pumped by a concrete pump (including transportation of concrete)	m ³	3.526,28
15.150.1105	Pouring of white, regular, ready-mix concrete of compressive strength class C 25/30, manufactured in a concrete plant or purchased, and pumped by a concrete pump (including transportation of concrete)	m ³	3.651,28
15.150.1106	Pouring of white, regular, ready-mix concrete of compressive strength class C 30/37, manufactured in a concrete plant or purchased, and pumped by a concrete pump (including transportation of concrete)	m ³	3.963,78
15.150.1107	Pouring of white, regular, ready-mix concrete of compressive strength class C 35/45, manufactured in a concrete plant or purchased, and pumped by a concrete pump (including transportation of concrete)	m ³	4.276,28
15.150.1108	Pouring of white, regular, ready-mix concrete of compressive strength class C 40/50, manufactured in a concrete plant or purchased, and pumped by a concrete pump (including transportation of concrete)	m ³	4.588,78
15.150.1109	Pouring of white, regular, ready-mix concrete of compressive strength class C 45/55, manufactured in a concrete plant or purchased, and pumped by a concrete pump (including transportation of concrete)	m ³	4.901,28
15.150.1110	Pouring of white, regular, ready-mix concrete of compressive strength class C 50/60, manufactured in a concrete plant or purchased, and pumped by a concrete pump (including transportation of concrete)	m ³	5.213,78
PRODUCTION OF ROLLER-COMPACTED CONCRETE ROADS			
15.150.5001	Supply, laying with finishers and roller-compacting of the concrete grout prepared for roller-compacted concrete roads	m ³	3.896,86
15.150.5002	Laying, compacting and leveling of the concrete grout prepared for roller-compacted concrete roads with a High-Compaction Finisher	m ³	5.212,20
Laying Road Concrete with a Concrete Finisher with Slip Form			
15.150.5101	Laying Road Concrete with a Concrete Finisher with Slip Form (C30/37 Concrete Strength Class)	m ³	4.647,00
15.150.5102	Laying Road Concrete with a Concrete Finisher with Slip Form (C35/40 Concrete Strength Class)	m ³	4.772,00
15.150.5103	Laying Road Concrete with a Concrete Finisher with Slip Form (C40/50 Concrete Strength Class)	m ³	4.897,00
Curing of Concrete Road Surface			
15.150.5111	Manual Curing, Polishing and Roughening of Concrete Road Surface	m ²	69,38
15.150.5112	Curing, Polishing and Roughening of Concrete Road Surface (With Surface Curing, Polishing and Roughening Machinery)	m ²	102,76
PREFABRICATED CONCRETE STRUCTURES			
15.155.1007	Building walls with 12-cm-thick, precast, prestressed, hollow concrete partition (wall) components.	m ²	1.543,64
15.155.1008	Building walls with 16-cm-thick, precast, prestressed, hollow concrete partition (wall) components.	m ²	1.671,14
15.155.1011	Flooring with 12-cm-thick, precast, prestressed, hollow, load-bearing concrete flooring components.	m ²	1.684,34
15.155.1012	Flooring with 16-cm-thick, precast, prestressed, hollow, load-bearing concrete flooring components.	m ²	1.818,44
15.155.1013	Flooring with 20-cm-thick, precast, prestressed, hollow, load-bearing concrete flooring components.	m ²	2.004,63
15.155.1014	Flooring with 20-cm-thick, precast, prestressed, hollow, heavy load-bearing concrete flooring components.	m ²	2.132,13
15.155.1015	Flooring with 24-cm-thick, precast, prestressed, hollow, load-bearing concrete flooring components.	m ²	2.433,53
15.155.1016	Flooring with 24-cm-thick, precast, prestressed, hollow, heavy load-bearing concrete flooring components.	m ²	2.688,53

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
PROCESSING - ATTACHMENT OF CONCRETE STEEL BARS WITH SLEEVES:			
15.160.1001	Installation of ribbed welded wire mesh 1,500 - 3,000 kg/m ² (including 3,000 kg/m ²)	Tons	38.243,75
15.160.1002	Installation of ribbed welded wire mesh 3,001-10,000 kg/m ² (including 10,000 kg/m ²)	Tons	37.421,88
15.160.1003	Cutting, bending, and installation of Ø8 to Ø12-mm ribbed reinforcing steel bars	Tons	39.429,35
15.160.1004	Cutting, bending, and installation of Ø14 to Ø28-mm ribbed reinforcing steel bars	Tons	38.016,85
15.160.1005	Cutting, bending, and installation of ribbed reinforcing steel bars larger than Ø28 mm	Tons	37.266,85
STEEL STRUCTURES:			
15.165.1001	Individual or joint preparation and installation of irons of any profile (rafters made as purlins, one-way slabs, continuous beams, individual roof purlins and rafters, lintels, one-way slabs, corner reinforcement irons, columns for simple use, and beams used for bonding of Vierendeel columns, and similar other structures)	Tons	70.453,66
15.165.1002	Production and installation of roof trusses with profile iron	Tons	76.356,36
15.165.1003	Construction and installation of carcass (framework) with any profile, steel bar and steel sheet (Frame structure, profile steel beams, caps and connections for jumpers, and similar productions)	Tons	70.730,60
FORMWORK			
15.180.1001	Serial production of wooden formwork	m ²	267,76
15.180.1002	Production of concrete or reinforced concrete form made of wood	m ²	705,75
15.180.1003	Production of plywood reinforced concrete form with smooth surface	m ²	824,39
15.180.1004	Production of concrete or reinforced concrete form with sheet metal	m ²	779,49
15.180.1007	Production of reinforced concrete formwork with tunnel formwork system	m ²	853,36
FORMWORK AND SCAFFOLDS			
15.185.1005	Making falsework with steel pipes (0.00 to 4.00 m)	m ³	103,20
15.185.1006	Making falsework with steel pipes (4.01 to 6.00 m)	m ³	119,36
15.185.1007	Making falsework with steel pipes (6.01 to 8.00 m)	m ³	135,53
15.185.1008	Making falsework with steel pipes (8.01 to 10.00 m)	m ³	151,70
15.185.1013	Making fully-safe exterior wall working scaffold with precast components. (0.00 to 51.50 m)	m ²	178,73
15.185.1014	Making fully-safe ceiling working scaffold with precast components. (0.00 to 21.50 m)	m ³	145,16
APPLICATIONS OF VARIOUS BUILDING CHEMICALS			
15.190.1001	Application of basalt aggregate (gray) surface hardeners and curing (on fresh concrete)	m ²	133,44
15.190.1002	Application of quartz aggregate (gray) surface hardeners and curing (on fresh concrete)	m ²	136,56
15.190.1003	Application of quartz-corundum aggregate (gray) surface hardeners and curing (on fresh concrete)	m ²	145,94
15.190.1004	Application of corundum aggregate (gray) surface hardeners and curing (on fresh concrete)	m ²	154,06
15.190.1005	Grooving joints in 4 mm width and 40 mm depth, and filling polyethylene cylinder and polyurethane joint mastic (Field Concrete)	m	77,63
15.190.1006	Curing of fresh concrete surfaces (Field Concrete)	m ²	26,88
15.190.1007	Leveling of the floor at 2 mm thickness on average with cement-based, self-leveling mortar	m ²	156,70
15.190.1008	Curing roller-compacted concrete roads with paraffin-based curing material	m ²	42,50
15.190.1009	Curing roller-compacted concrete roads with acrylic-based curing material	m ²	44,69
15.190.1010	Curing roller-compacted concrete roads with water	1000 m ²	482,70
15.190.1011	Cutting joints 1/3 to 1/4 of the concrete thickness of roller-compacted concrete roads	m	27,43
15.190.1012	Applying 2.5-mm-thick, self-leveling, polyurethane-based flooring	m ²	1.483,83
15.190.1013	For the surfaces that are requested to be applied 2.5-mm-thick, self-leveling, polyurethane-based flooring (ESD surface that does not hold static electricity on the surface but transmits it to the ground)	m ²	1.852,86
15.190.1014	Applying 2.5-mm-thick, self-leveling, epoxy-based flooring	m ²	1.104,03
15.190.1015	Coating with water-based, solvent-free, low-emission, bacteriostatic, two-component, polyurethane-based, clear or pigmented final layer coating material with matte surface finish on polyurethane-based flooring	m ²	159,13

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.190.1016	Coating with anti-static, two-component, polyurethane-based, matte, water-based and low-emission coating material with ESD feature and matte surface finish on polyurethane-based - ESD surface flooring (that does not keep static electricity on the surface but transmits it to the ground)	m ²	312,50
15.190.1017	Coating with polyurethane-based, colored, elastic, two-component final layer coating material with matte appearance on epoxy-based flooring	m ²	148,25
15.190.1018	Coating with polyurethane-based, one-component, UV-resistant, protective final layer coating material with solvent on polyurea-based flooring	m ²	218,75
15.190.1019	Leveling of the floor at 2 mm thickness on average with plaster-based, self-leveling mortar	m ²	138,75
INSTALLATION OF CONCRETE/REINFORCED CONCRETE PIPES			
15.195.1001	Installation of 1500-mm-long concrete pipes with integrated seal, Ø200-mm inner diameter and 30-40-mm thickness	m	549,13
15.195.1002	Installation of 1500-mm-long concrete pipes with integrated seal, Ø300-mm inner diameter and 45-50-mm thickness	m	671,63
15.195.1003	Installation of 1500-mm-long concrete pipes with integrated seal, Ø400-mm inner diameter and 45-55-mm thickness	m	851,00
15.195.1004	Installation of 2000-mm-long reinforced concrete pipes with integrated seal, Ø1000-mm inner diameter and 110-115-mm thickness	m	3.589,75
INSTALLATION OF DRAINAGE BOARDS			
15.200.1001	Supply and installation of HDPE-based drainage and protection boards on thermal insulators applied with water insulation and insulation pins for basement shear walls (150 ≤ Pressure Resistance < 200 kN/m ²)	m ²	88,44
15.200.1002	Supply and installation of HDPE-based drainage and protection boards on thermal insulators applied with water insulation and insulation pins for basement shear walls (200 ≤ Pressure Resistance < 250 kN/m ²)	m ²	108,13
15.200.1003	Supply and installation of HDPE-based drainage and protection boards on thermal insulators applied with water insulation and insulation pins for basement shear walls (250 ≤ Pressure Resistance < 350 kN/m ²)	m ²	127,81
15.200.1004	Supply and installation of HDPE-based drainage and protection boards applied on water insulation for basement shear walls (150 ≤ Pressure Resistance < 200 kN/m ²)	m ²	105,00
15.200.1005	Supply and installation of HDPE-based drainage and protection boards applied on water insulation for basement shear walls (200 ≤ Pressure Resistance < 250 kN/m ²)	m ²	124,69
15.200.1006	Supply and installation of HDPE-based drainage and protection boards applied on water insulation for basement shear walls (250 ≤ Pressure Resistance < 350 kN/m ²)	m ²	144,38
INSTALLATION OF DRAINAGE WITH PVC-BASED, CORRUGATED DRAINAGE PIPES			
15.204.1001	Supply and installation of PVC-based, corrugated drainage pipes with Ø100 mm nominal diameter	m	46,00
15.204.1002	Supply and installation of PVC-based, corrugated drainage pipes with Ø125 mm nominal diameter	m	69,13
15.204.1003	Supply and installation of PVC-based, corrugated drainage pipes with Ø160 mm nominal diameter	m	100,38
15.204.1004	Supply and installation of PVC-based, corrugated drainage pipes with Ø200 mm nominal diameter	m	137,88
STONE WORKS:			
15.210.1001	Construction of dry walls with quarry stones	m ³	1.167,51
15.210.1004	Rock buttressing with quarry stone	m ³	1.106,18
15.210.1005	Masonry construction works with quarry stones and 200-kg/m ³ cement mortar	m ³	1.899,31
15.210.1006	Masonry construction works with quarry-faced rubble stones and 200-kg/m ³ cement mortar	m ³	3.128,14
BRICK WORKS			
Building walls using horizontally perforated bricks (P unit)			
15.220.1011	Building walls using 85-mm-thick, horizontally perforated bricks (190 x 85 x 190 mm)	m ²	598,79
15.220.1012	Building walls using 100-mm-thick, horizontally perforated bricks (200 x 100 x 200 mm)	m ²	619,56
15.220.1013	Building walls using 120-mm-thick, horizontally perforated bricks (250 x 120 x 200 mm)	m ²	642,98
15.220.1014	Building walls using 135-mm-thick, horizontally perforated bricks (190 x 135 x 190 mm)	m ²	665,21
15.220.1015	Building walls using 190-mm-thick, horizontally perforated bricks (190 x 190 x 135 mm)	m ²	763,43
15.220.1016	Building walls using 200-mm-thick, horizontally perforated bricks (250 x 200 x 250 mm)	m ²	823,46

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.220.1017	Building walls using 240-mm-thick, horizontally perforated bricks (235 x 240 x 135 mm)	m ²	924,58
15.220.1018	Building walls using 250-mm-thick, horizontally perforated bricks (240 x 250 x 190 mm)	m ²	929,68
Building walls using vertically perforated bricks (P units) (Class W - 600-800 kg/m³)			
15.220.1121	Building a wall using 115-mm-thick, vertically-perforated bricks (240 x 115 x 235 mm) (Class W - 600-800 kg/m ³)	m ²	747,50
15.220.1122	Building a wall using 145-mm-thick, vertically-perforated bricks (240 x 145 x 235 mm) (Class W - 600-800 kg/m ³)	m ²	825,48
15.220.1123	Building a wall using 175-mm-thick, vertically-perforated bricks (240 x 175 x 235 mm) (Class W - 600-800 kg/m ³)	m ²	909,81
15.220.1124	Building a wall using 190-mm-thick, vertically-perforated bricks (290 x 190 x 235 mm) (Class W - 600-800 kg/m ³)	m ²	954,75
15.220.1125	Building a wall using 240-mm-thick, vertically-perforated bricks (240 x 240 x 235 mm) (Class W - 600-800 kg/m ³)	m ²	1.114,61
15.220.1126	Building a wall using 250-mm-thick, vertically-perforated bricks (240 x 250 x 235 mm) (Class W - 600-800 kg/m ³)	m ²	1.146,21
15.220.1127	Building a wall using 300-mm-thick, vertically-perforated bricks (240 x 300 x 235 mm) (Class W - 600-800 kg/m ³)	m ²	1.286,61
Building walls using vertically perforated bricks (P unit) (Class AB - 650-750 kg/m³)			
15.220.1211	Building a wall using 190-mm-thick, vertically-perforated bricks (290 x 190 x 135 mm) (Class AB - 650-750 kg/m ³)	m ²	866,46
15.220.1212	Building a wall using 240-mm-thick, vertically-perforated bricks (290 x 240 x 190 mm) (Class AB - 650-750 kg/m ³)	m ²	958,34
15.220.1213	Building a wall using 290-mm-thick, vertically-perforated bricks (240 x 290 x 190 mm) (Class AB - 650-750 kg/m ³)	m ²	1.098,08
15.220.1214	Building a wall using 390-mm-thick, vertically-perforated bricks (190 x 390 x 190 mm) (Class AB - 650-750 kg/m ³)	m ²	1.322,24
Building walls using vertically perforated facing bricks (U unit)			
15.220.1311	Building walls using 90-mm-thick, vertically perforated exterior wall bricks (190 x 90 x 50 mm)	m ²	1.733,85
15.220.1312	Building walls using 102-mm-thick, vertically perforated exterior wall bricks (215 x 102 x 65 mm)	m ²	2.171,80
Building walls using vertically perforated bricks (U unit)			
15.220.1411	Building walls using 190-mm-thick, vertically perforated bricks (290 x 190 x 135 mm)	m ²	945,96
15.220.1412	Building walls using 290-mm-thick, horizontally perforated bricks (190 x 290 x 135 mm)	m ²	1.207,71
Building walls using clay bricks			
15.220.1461	Building walls using 90-mm-thick, solid clay bricks (190 x 90 x 50 mm)	m ²	1.044,28
15.220.1462	Building walls using 90-mm-thick, perforated clay bricks (190 x 90 x 50 mm)	m ²	1.044,28
Hollow tile flooring with hollow flooring tiles			
15.220.1501	Hollow tile flooring with 200-mm-high hollow flooring tiles (200 x 200 x 400 mm)	m ²	681,60
15.220.1502	Hollow tile flooring with 225-mm-high hollow flooring tiles (225 x 200 x 400 mm)	m ²	756,41
15.220.1503	Hollow tile flooring with 250-mm-high hollow flooring tiles (250 x 200 x 400 mm)	m ²	827,11
15.220.1504	Hollow tile flooring with 275-mm-high hollow flooring tiles (275 x 200 x 400 mm)	m ²	906,01
15.220.1505	Hollow tile flooring with 300-mm-high hollow flooring tiles (300 x 200 x 400 mm)	m ²	975,08
15.220.1506	Hollow tile flooring with 325-mm-high hollow flooring tiles (325 x 200 x 400 mm)	m ²	1.052,35
15.220.1507	Hollow tile flooring with 350-mm-high hollow flooring tiles (350 x 200 x 400 mm)	m ²	1.127,15
Supply and placement of Reinforced Brick Lintel			
15.220.1612	Supply and placement of 12 to 13.5-cm-thickness, reinforced brick lintels	m	1.108,33
15.220.1613	Supply and placement of 14.5 to 16-cm-thickness, reinforced brick lintels	m	1.153,96
15.220.1614	Supply and placement of 18.5 to 20-cm-thickness, reinforced brick lintels	m	1.290,43
15.220.1615	Supply and placement of 23.5 to 25-cm-thickness, reinforced brick lintels	m	1.409,75
AAC WORKS			
Building walls with unreinforced AAC wall blocks (with AAC glue) (2.50 N/mm² and 400 kg/m³)			
15.225.1001	Building walls with 7.5-cm-thick unreinforced AAC wall blocks (using AAC glue) (2.50 N/mm ² and 400 kg/m ³)	m ²	494,88

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.225.1002	Building walls with 8,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (2.50 N/mm ² and 400 kg/m ³)	m ²	524,58
15.225.1003	Building walls with 9-cm-thick unreinforced AAC wall blocks (using AAC glue) (2.50 N/mm ² and 400 kg/m ³)	m ²	541,88
15.225.1004	Building walls with 10-cm-thick unreinforced AAC wall blocks (using AAC glue) (2.50 N/mm ² and 400 kg/m ³)	m ²	571,70
15.225.1005	Building walls with 12,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (2.50 N/mm ² and 400 kg/m ³)	m ²	643,20
15.225.1006	Building walls with 13,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (2.50 N/mm ² and 400 kg/m ³)	m ²	672,95
15.225.1007	Building walls with 15-cm-thick unreinforced AAC wall blocks (using AAC glue) (2.50 N/mm ² and 400 kg/m ³)	m ²	714,83
15.225.1008	Building walls with 17,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (2.50 N/mm ² and 400 kg/m ³)	m ²	786,46
15.225.1009	Building walls with 19-cm-thick unreinforced AAC wall blocks (using AAC glue) (2.50 N/mm ² and 400 kg/m ³)	m ²	833,53
15.225.1010	Building walls with 20-cm-thick unreinforced AAC wall blocks (using AAC glue) (2.50 N/mm ² and 400 kg/m ³)	m ²	868,39
15.225.1011	Building walls with 22,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (2.50 N/mm ² and 400 kg/m ³)	m ²	939,96
15.225.1012	Building walls with 25-cm-thick unreinforced AAC wall blocks (using AAC glue) (2.50 N/mm ² and 400 kg/m ³)	m ²	1.011,59
15.225.1013	Building walls with 27,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (2.50 N/mm ² and 400 kg/m ³)	m ²	1.085,75
15.225.1014	Building walls with 30-cm-thick unreinforced AAC wall blocks (using AAC glue) (2.50 N/mm ² and 400 kg/m ³)	m ²	1.159,91
15.225.1015	Building walls with 32,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (2.50 N/mm ² and 400 kg/m ³)	m ²	1.234,00
15.225.1016	Building walls with 35-cm-thick unreinforced AAC wall blocks (using AAC glue) (2.50 N/mm ² and 400 kg/m ³)	m ²	1.308,23
Building walls with unreinforced AAC wall blocks (with AAC glue) (3.50 N/mm² and 500 kg/m³)			
15.225.1051	Building walls with 7.5-cm-thick unreinforced AAC wall blocks (using AAC glue) (3.50 N/mm ² and 500 kg/m ³)	m ²	542,01
15.225.1052	Building walls with 8,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (3.50 N/mm ² and 500 kg/m ³)	m ²	574,53
15.225.1053	Building walls with 9-cm-thick unreinforced AAC wall blocks (using AAC glue) (3.50 N/mm ² and 500 kg/m ³)	m ²	593,34
15.225.1054	Building walls with 10-cm-thick unreinforced AAC wall blocks (using AAC glue) (3.50 N/mm ² and 500 kg/m ³)	m ²	625,84
15.225.1055	Building walls with 12,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (3.50 N/mm ² and 500 kg/m ³)	m ²	704,50
15.225.1056	Building walls with 13,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (3.50 N/mm ² and 500 kg/m ³)	m ²	737,00
15.225.1057	Building walls with 15-cm-thick unreinforced AAC wall blocks (using AAC glue) (3.50 N/mm ² and 500 kg/m ³)	m ²	783,14
15.225.1058	Building walls with 17,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (3.50 N/mm ² and 500 kg/m ³)	m ²	861,80
15.225.1059	Building walls with 19-cm-thick unreinforced AAC wall blocks (using AAC glue) (3.50 N/mm ² and 500 kg/m ³)	m ²	913,14
15.225.1060	Building walls with 20-cm-thick unreinforced AAC wall blocks (using AAC glue) (3.50 N/mm ² and 500 kg/m ³)	m ²	950,81
15.225.1061	Building walls with 22,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (3.50 N/mm ² and 500 kg/m ³)	m ²	1.029,50
15.225.1062	Building walls with 25-cm-thick unreinforced AAC wall blocks (using AAC glue) (3.50 N/mm ² and 500 kg/m ³)	m ²	1.108,11
15.225.1063	Building walls with 27,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (3.50 N/mm ² and 500 kg/m ³)	m ²	1.189,36
15.225.1064	Building walls with 30-cm-thick unreinforced AAC wall blocks (using AAC glue) (3.50 N/mm ² and 500 kg/m ³)	m ²	1.270,59

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.225.1065	Building walls with 32,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (3.50 N/mm ² and 500 kg/m ³)	m ²	1.351,84
15.225.1066	Building walls with 35-cm-thick unreinforced AAC wall blocks (using AAC glue) (3.50 N/mm ² and 500 kg/m ³)	m ²	1.433,08
Building walls with unreinforced AAC wall blocks (with AAC glue) (5.00 N/mm² and 600 kg/m³)			
15.225.1101	Building walls with 7.5-cm-thick unreinforced AAC wall blocks (using AAC glue) (5.00 N/mm ² and 600 kg/m ³)	m ²	579,31
15.225.1102	Building walls with 8,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (5.00 N/mm ² and 600 kg/m ³)	m ²	613,34
15.225.1103	Building walls with 9-cm-thick unreinforced AAC wall blocks (using AAC glue) (5.00 N/mm ² and 600 kg/m ³)	m ²	632,93
15.225.1104	Building walls with 10-cm-thick unreinforced AAC wall blocks (using AAC glue) (5.00 N/mm ² and 600 kg/m ³)	m ²	666,94
15.225.1105	Building walls with 12,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (5.00 N/mm ² and 600 kg/m ³)	m ²	749,39
15.225.1106	Building walls with 13,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (5.00 N/mm ² and 600 kg/m ³)	m ²	783,40
15.225.1107	Building walls with 15-cm-thick unreinforced AAC wall blocks (using AAC glue) (5.00 N/mm ² and 600 kg/m ³)	m ²	831,83
15.225.1108	Building walls with 17,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (5.00 N/mm ² and 600 kg/m ³)	m ²	914,28
15.225.1109	Building walls with 19-cm-thick unreinforced AAC wall blocks (using AAC glue) (5.00 N/mm ² and 600 kg/m ³)	m ²	967,88
15.225.1110	Building walls with 20-cm-thick unreinforced AAC wall blocks (using AAC glue) (5.00 N/mm ² and 600 kg/m ³)	m ²	1.007,08
15.225.1111	Building walls with 22,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (5.00 N/mm ² and 600 kg/m ³)	m ²	1.089,51
15.225.1112	Building walls with 25-cm-thick unreinforced AAC wall blocks (using AAC glue) (5.00 N/mm ² and 600 kg/m ³)	m ²	1.171,95
15.225.1113	Building walls with 27,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (5.00 N/mm ² and 600 kg/m ³)	m ²	1.257,00
15.225.1114	Building walls with 30-cm-thick unreinforced AAC wall blocks (using AAC glue) (5.00 N/mm ² and 600 kg/m ³)	m ²	1.342,01
15.225.1115	Building walls with 32,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (5.00 N/mm ² and 600 kg/m ³)	m ²	1.427,05
15.225.1116	Building walls with 35-cm-thick unreinforced AAC wall blocks (using AAC glue) (5.00 N/mm ² and 600 kg/m ³)	m ²	1.512,08
Building walls with unreinforced AAC wall blocks (with AAC glue) (≥ 2.00 N/mm² and 350 kg/m³)			
15.225.1151	Building walls with 7.5-cm-thick unreinforced AAC wall blocks (using AAC glue) (≥ 2.00 N/mm ² and 350 kg/m ³)	m ²	506,30
15.225.1152	Building walls with 8,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (≥ 2.00 N/mm ² and 350 kg/m ³)	m ²	538,01
15.225.1153	Building walls with 9-cm-thick unreinforced AAC wall blocks (using AAC glue) (≥ 2.00 N/mm ² and 350 kg/m ³)	m ²	555,69
15.225.1154	Building walls with 10-cm-thick unreinforced AAC wall blocks (using AAC glue) (≥ 2.00 N/mm ² and 350 kg/m ³)	m ²	586,89
15.225.1155	Building walls with 12,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (≥ 2.00 N/mm ² and 350 kg/m ³)	m ²	662,28
15.225.1156	Building walls with 13,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (≥ 2.00 N/mm ² and 350 kg/m ³)	m ²	693,48
15.225.1157	Building walls with 15-cm-thick unreinforced AAC wall blocks (using AAC glue) (≥ 2.00 N/mm ² and 350 kg/m ³)	m ²	737,68
15.225.1158	Building walls with 17,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (≥ 2.00 N/mm ² and 350 kg/m ³)	m ²	813,08
15.225.1159	Building walls with 19-cm-thick unreinforced AAC wall blocks (using AAC glue) (≥ 2.00 N/mm ² and 350 kg/m ³)	m ²	862,45
15.225.1160	Building walls with 20-cm-thick unreinforced AAC wall blocks (using AAC glue) (≥ 2.00 N/mm ² and 350 kg/m ³)	m ²	898,83

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.225.1161	Building walls with 22,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (≥ 2.00 N/mm ² and 350 kg/m ³)	m ²	974,23
15.225.1162	Building walls with 25-cm-thick unreinforced AAC wall blocks (using AAC glue) (≥ 2.00 N/mm ² and 350 kg/m ³)	m ²	1.049,64
15.225.1163	Building walls with 27,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (≥ 2.00 N/mm ² and 350 kg/m ³)	m ²	1.127,61
15.225.1164	Building walls with 30-cm-thick unreinforced AAC wall blocks (using AAC glue) (≥ 2.00 N/mm ² and 350 kg/m ³)	m ²	1.205,60
15.225.1165	Building walls with 32,5-cm-thick unreinforced AAC wall blocks (using AAC glue) (≥ 2.00 N/mm ² and 350 kg/m ³)	m ²	1.283,59
15.225.1166	Building walls with 35-cm-thick unreinforced AAC wall blocks (using AAC glue) (≥ 2.00 N/mm ² and 350 kg/m ³)	m ²	1.361,58
Hollow tile flooring with AAC hollow blocks (2.50 N/mm² and 400 kg/m³)			
15.225.1301	Hollow tile flooring with 15-cm-high AAC hollow blocks (2.50 N/mm ² and 400 kg/m ³)	m ²	634,29
15.225.1302	Hollow tile flooring with 17,5-cm-high AAC hollow blocks (2.50 N/mm ² and 400 kg/m ³)	m ²	727,91
15.225.1303	Hollow tile flooring with 20-cm-high AAC hollow blocks (2.50 N/mm ² and 400 kg/m ³)	m ²	821,55
15.225.1304	Hollow tile flooring with 22,5-cm-high AAC hollow blocks (2.50 N/mm ² and 400 kg/m ³)	m ²	915,18
15.225.1305	Hollow tile flooring with 25-cm-high AAC hollow blocks (2.50 N/mm ² and 400 kg/m ³)	m ²	1.008,81
15.225.1306	Hollow tile flooring with 27,5-cm-high AAC hollow blocks (2.50 N/mm ² and 400 kg/m ³)	m ²	1.102,45
15.225.1307	Hollow tile flooring with 30-cm-high AAC hollow blocks (2.50 N/mm ² and 400 kg/m ³)	m ²	1.196,08
Supply and installation of reinforced AAC lintel (3.50 N/mm² and 500 kg/m³)			
15.225.1401	Supply and installation of 7.5-cm-thick reinforced AAC lintel (3.50 N/mm ² and 500 kg/m ³)	m ²	690,46
15.225.1402	Supply and installation of 8.5-cm-thick reinforced AAC lintel (3.50 N/mm ² and 500 kg/m ³)	m ²	765,56
15.225.1403	Supply and installation of 9-cm-thick reinforced AAC lintel (3.50 N/mm ² and 500 kg/m ³)	m ²	806,81
15.225.1404	Supply and installation of 10-cm-thick reinforced AAC lintel (3.50 N/mm ² and 500 kg/m ³)	m ²	880,99
15.225.1405	Supply and installation of 12.5-cm-thick reinforced AAC lintel (3.50 N/mm ² and 500 kg/m ³)	m ²	1.066,14
15.225.1406	Supply and installation of 13.5-cm-thick reinforced AAC lintel (3.50 N/mm ² and 500 kg/m ³)	m ²	1.141,30
15.225.1407	Supply and installation of 15-cm-thick reinforced AAC lintel (3.50 N/mm ² and 500 kg/m ³)	m ²	1.257,68
15.225.1408	Supply and installation of 17.5-cm-thick reinforced AAC lintel (3.50 N/mm ² and 500 kg/m ³)	m ²	1.441,88
15.225.1409	Supply and installation of 19-cm-thick reinforced AAC lintel (3.50 N/mm ² and 500 kg/m ³)	m ²	1.558,23
15.225.1410	Supply and installation of 20-cm-thick reinforced AAC lintel (3.50 N/mm ² and 500 kg/m ³)	m ²	1.640,59
15.225.1411	Supply and installation of 22.5-cm-thick reinforced AAC lintel (3.50 N/mm ² and 500 kg/m ³)	m ²	1.824,80
15.225.1412	Supply and installation of 25-cm-thick reinforced AAC lintel (3.50 N/mm ² and 500 kg/m ³)	m ²	2.009,09
15.225.1413	Supply and installation of 27.5-cm-thick reinforced AAC lintel (3.50 N/mm ² and 500 kg/m ³)	m ²	2.196,93
15.225.1414	Supply and installation of 30-cm-thick reinforced AAC lintel (3.50 N/mm ² and 500 kg/m ³)	m ²	2.384,76
15.225.1415	Supply and installation of 32.5-cm-thick reinforced AAC lintel (3.50 N/mm ² and 500 kg/m ³)	m ²	2.572,68

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.225.1416	Supply and installation of 35-cm-thick reinforced AAC lintel (3.50 N/mm ² and 500 kg/m ³)	m ²	2.760,50
Supply and installation of reinforced AAC lintel (5.00 N/mm² and 600 kg/m³)			
15.225.1451	Supply and installation of 7.5-cm-thick reinforced AAC lintel (5.00 N/mm ² and 600 kg/m ³)	m ²	755,39
15.225.1452	Supply and installation of 8.5-cm-thick reinforced AAC lintel (5.00 N/mm ² and 600 kg/m ³)	m ²	834,31
15.225.1453	Supply and installation of 9-cm-thick reinforced AAC lintel (5.00 N/mm ² and 600 kg/m ³)	m ²	877,48
15.225.1454	Supply and installation of 10-cm-thick reinforced AAC lintel (5.00 N/mm ² and 600 kg/m ³)	m ²	956,41
15.225.1455	Supply and installation of 12.5-cm-thick reinforced AAC lintel (5.00 N/mm ² and 600 kg/m ³)	m ²	1.150,18
15.225.1456	Supply and installation of 13.5-cm-thick reinforced AAC lintel (5.00 N/mm ² and 600 kg/m ³)	m ²	1.229,18
15.225.1457	Supply and installation of 15-cm-thick reinforced AAC lintel (5.00 N/mm ² and 600 kg/m ³)	m ²	1.351,26
15.225.1458	Supply and installation of 17.5-cm-thick reinforced AAC lintel (5.00 N/mm ² and 600 kg/m ³)	m ²	1.545,04
15.225.1459	Supply and installation of 19-cm-thick reinforced AAC lintel (5.00 N/mm ² and 600 kg/m ³)	m ²	1.667,13
15.225.1460	Supply and installation of 20-cm-thick reinforced AAC lintel (5.00 N/mm ² and 600 kg/m ³)	m ²	1.753,30
15.225.1461	Supply and installation of 22.5-cm-thick reinforced AAC lintel (5.00 N/mm ² and 600 kg/m ³)	m ²	1.947,09
15.225.1462	Supply and installation of 25-cm-thick reinforced AAC lintel (5.00 N/mm ² and 600 kg/m ³)	m ²	2.140,93
15.225.1463	Supply and installation of 27.5-cm-thick reinforced AAC lintel (5.00 N/mm ² and 600 kg/m ³)	m ²	2.337,66
15.225.1464	Supply and installation of 30-cm-thick reinforced AAC lintel (5.00 N/mm ² and 600 kg/m ³)	m ²	2.535,71
15.225.1465	Supply and installation of 32.5-cm-thick reinforced AAC lintel (5.00 N/mm ² and 600 kg/m ³)	m ²	2.733,18
15.225.1466	Supply and installation of 35-cm-thick reinforced AAC lintel (5.00 N/mm ² and 600 kg/m ³)	m ²	2.930,53
Constructing load-carrying floors with reinforced AAC flooring elements and a crane (5.00 N/mm² and (600 kg/m³)			
15.225.1611	Constructing load-carrying floors with 10-cm-thick reinforced AAC flooring elements, using crane (5.00 N/mm ² and 600 kg/m ³)	m ²	943,39
15.225.1612	Constructing load-carrying floors with 12,5-cm-thick reinforced AAC flooring elements, using crane (5.00 N/mm ² and 600 kg/m ³)	m ²	1.127,25
15.225.1613	Constructing load-carrying floors with 15-cm-thick reinforced AAC flooring elements, using crane (5.00 N/mm ² and 600 kg/m ³)	m ²	1.311,13
15.225.1614	Constructing load-carrying floors with 17,5-cm-thick reinforced AAC flooring elements, using crane (5.00 N/mm ² and 600 kg/m ³)	m ²	1.494,99
15.225.1615	Constructing load-carrying floors with 20-cm-thick reinforced AAC flooring elements, using crane (5.00 N/mm ² and 600 kg/m ³)	m ²	1.678,86
15.225.1616	Constructing load-carrying floors with 22,5-cm-thick reinforced AAC flooring elements, using crane (5.00 N/mm ² and 600 kg/m ³)	m ²	1.862,73
15.225.1617	Constructing load-carrying floors with 25-cm-thick reinforced AAC flooring elements, using crane (5.00 N/mm ² and 600 kg/m ³)	m ²	2.046,59

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.225.1618	Constructing load-carrying floors with 27.5-cm-thick reinforced AAC flooring elements, using crane (5.00 N/mm ² and 600 kg/m ³)	m ²	2.230,46
Building a load-carrying roof with reinforced AAC roofing elements using a crane (3.50 N/mm² and 500 kg/m³)			
15.225.1711	Building a load-carrying roof using 10-cm-thick reinforced AAC roof components and a crane (3.50 N/mm ² and 500 kg/m ³)	m ²	833,81
15.225.1712	Building a load-carrying roof using 12,5-cm-thick reinforced AAC roof components and a crane (3.50 N/mm ² and 500 kg/m ³)	m ²	999,06
15.225.1713	Building a load-carrying roof using 15-cm-thick reinforced AAC roof components and a crane (3.50 N/mm ² and 500 kg/m ³)	m ²	1.164,31
15.225.1714	Building a load-carrying roof using 17,5-cm-thick reinforced AAC roof components and a crane (3.50 N/mm ² and 500 kg/m ³)	m ²	1.329,54
15.225.1715	Building a load-carrying roof using 20-cm-thick reinforced AAC roof components and a crane (3.50 N/mm ² and 500 kg/m ³)	m ²	1.494,80
Building a load-carrying roof with reinforced AAC roofing elements using a crane (5.00 N/mm² and 600 kg/m³)			
15.225.1811	Building a load-carrying roof using 10-cm-thick reinforced AAC roof components and a crane (5.00 N/mm ² and 600 kg/m ³)	m ²	943,39
15.225.1812	Building a load-carrying roof using 12,5-cm-thick reinforced AAC roof components and a crane (5.00 N/mm ² and 600 kg/m ³)	m ²	1.127,25
15.225.1813	Building a load-carrying roof using 15-cm-thick reinforced AAC roof components and a crane (5.00 N/mm ² and 600 kg/m ³)	m ²	1.311,13
15.225.1814	Building a load-carrying roof using 17,5-cm-thick reinforced AAC roof components and a crane (5.00 N/mm ² and 600 kg/m ³)	m ²	1.494,99
15.225.1815	Building a load-carrying roof using 20-cm-thick reinforced AAC roof components and a crane (5.00 N/mm ² and 600 kg/m ³)	m ²	1.678,86
Building a wall with reinforced AAC wall elements, using a crane (3.50 N/mm² and 500 kg/m³)			
15.225.1901	Building a wall with 10-cm-thick reinforced AAC wall elements, using a crane (3.50 N/mm ² and 500 kg/m ³)	m ²	953,36
15.225.1902	Building a wall with 12.5-cm-thick reinforced AAC wall elements, using a crane (3.50 N/mm ² and 500 kg/m ³)	m ²	1.124,06
15.225.1903	Building a wall with 15-cm-thick reinforced AAC wall elements, using a crane (3.50 N/mm ² and 500 kg/m ³)	m ²	1.294,76
15.225.1904	Building a wall with 17.5-cm-thick reinforced AAC wall elements, using a crane (3.50 N/mm ² and 500 kg/m ³)	m ²	1.465,44
15.225.1905	Building a wall with 20-cm-thick reinforced AAC wall elements, using a crane (3.50 N/mm ² and 500 kg/m ³)	m ²	1.636,16
15.225.1906	Building a wall with 22.5-cm-thick reinforced AAC wall elements, using a crane (3.50 N/mm ² and 500 kg/m ³)	m ²	1.806,85
15.225.1907	Building a wall with 25-cm-thick reinforced AAC wall elements, using a crane (3.50 N/mm ² and 500 kg/m ³)	m ²	1.977,55
15.225.1908	Building a wall with 27.5-cm-thick reinforced AAC wall elements, using a crane (3.50 N/mm ² and 500 kg/m ³)	m ²	2.148,24
15.225.1909	Building a wall with 30-cm-thick reinforced AAC wall elements, using a crane (3.50 N/mm ² and 500 kg/m ³)	m ²	2.318,93
Building a wall with reinforced AAC wall elements, using a crane (5.00 N/mm² and 600 kg/m³)			
15.225.2001	Building a wall with 10-cm-thick reinforced AAC wall elements, using a crane (5.00 N/mm ² and 600 kg/m ³)	m ²	1.105,83
15.225.2002	Building a wall with 12.5-cm-thick reinforced AAC wall elements, using a crane (5.00 N/mm ² and 600 kg/m ³)	m ²	1.306,09
15.225.2003	Building a wall with 15-cm-thick reinforced AAC wall elements, using a crane (5.00 N/mm ² and 600 kg/m ³)	m ²	1.506,36
15.225.2004	Building a wall with 17.5-cm-thick reinforced AAC wall elements, using a crane (5.00 N/mm ² and 600 kg/m ³)	m ²	1.706,66
15.225.2005	Building a wall with 20-cm-thick reinforced AAC wall elements, using a crane (5.00 N/mm ² and 600 kg/m ³)	m ²	1.906,95

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.225.2006	Building a wall with 22.5-cm-thick reinforced AAC wall elements, using a crane (5.00 N/mm ² and 600 kg/m ³)	m ²	2.107,24
15.225.2007	Building a wall with 25-cm-thick reinforced AAC wall elements, using a crane (5.00 N/mm ² and 600 kg/m ³)	m ²	2.307,53
15.225.2008	Building a wall with 27.5-cm-thick reinforced AAC wall elements, using a crane (5.00 N/mm ² and 600 kg/m ³)	m ²	2.507,81
15.225.2009	Building a wall with 30-cm-thick reinforced AAC wall elements, using a crane (5.00 N/mm ² and 600 kg/m ³)	m ²	2.708,10
Thermal insulation of roofs and flooring with unreinforced AAC insulation panels (2.50 N/mm² and 400 kg/m³)			
15.225.2101	Thermal insulation of roofs and flooring with 5-cm-thick unreinforced AAC insulation panels (2.50 N/mm ² and 400 kg/m ³)	m ²	209,13
15.225.2102	Thermal insulation of roofs and flooring with 7,5-cm-thick unreinforced AAC insulation panels (2.50 N/mm ² and 400 kg/m ³)	m ²	291,93
15.225.2103	Thermal insulation of roofs and flooring with 8,5-cm-thick unreinforced AAC insulation panels (2.50 N/mm ² and 400 kg/m ³)	m ²	338,10
15.225.2104	Thermal insulation of roofs and flooring with 10-cm-thick unreinforced AAC insulation panels (2.50 N/mm ² and 400 kg/m ³)	m ²	396,49
15.225.2105	Thermal insulation of roofs and flooring with 12,5-cm-thick unreinforced AAC insulation panels (2.50 N/mm ² and 400 kg/m ³)	m ²	479,29
15.225.2106	Thermal insulation of roofs and flooring with 15-cm-thick unreinforced AAC insulation panels (2.50 N/mm ² and 400 kg/m ³)	m ²	562,10
15.225.2107	Thermal insulation of roofs and flooring with 17,5-cm-thick unreinforced AAC insulation panels (2.50 N/mm ² and 400 kg/m ³)	m ²	644,91
15.225.2108	Thermal insulation of roofs and flooring with 20-cm-thick unreinforced AAC insulation panels (2.50 N/mm ² and 400 kg/m ³)	m ²	727,71
PUMICE CONCRETE WORKS			
Building walls with non-load-carrying pumice concrete slabs (using pumice concrete binding glue) (min. 1.50 N/mm² and 600-900 kg/m³, excluding 900 kg/m³)			
15.230.1001	Building walls with 9-cm-thick, non-load-carrying pumice concrete slabs (using pumice concrete binding glue) (min. (min. 1.50 N/mm ² and 600-900 kg/m ³ , excluding 900 kg/m ³))	m ²	431,65
15.230.1002	Building walls with 10-cm-thick, non-load-carrying pumice concrete slabs (using pumice concrete binding glue) (min. (min. 1.50 N/mm ² and 600-900 kg/m ³ , excluding 900 kg/m ³))	m ²	452,35
15.230.1003	Building walls with 13,5-cm-thick, non-load-carrying pumice concrete slabs (using pumice concrete binding glue) (min. (min. 1.50 N/mm ² and 600-900 kg/m ³ , excluding 900 kg/m ³))	m ²	508,70
15.230.1004	Building walls with 15-cm-thick, non-load-carrying pumice concrete slabs (using pumice concrete binding glue) (min. (min. 1.50 N/mm ² and 600-900 kg/m ³ , excluding 900 kg/m ³))	m ²	535,24
15.230.1005	Building walls with 17,5-cm-thick, non-load-carrying pumice concrete slabs (using pumice concrete binding glue) (min. (min. 1.50 N/mm ² and 600-900 kg/m ³ , excluding 900 kg/m ³))	m ²	577,31
15.230.1006	Building walls with 19-cm-thick, non-load-carrying pumice concrete slabs (using pumice concrete binding glue) (min. (min. 1.50 N/mm ² and 600-900 kg/m ³ , excluding 900 kg/m ³))	m ²	607,75
15.230.1007	Building walls with 25-cm-thick, non-load-carrying pumice concrete slabs (using pumice concrete binding glue) (min. (min. 1.50 N/mm ² and 600-900 kg/m ³ , excluding 900 kg/m ³))	m ²	712,65

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.230.1008	Building walls with 30-cm-thick, non-load-carrying pumice concrete slabs (using pumice concrete binding glue) (min. (min. 1.50 N/mm ² and 600-900 kg/m ³ , excluding 900 kg/m ³)	m ²	792,99
Building walls with load-carrying pumice concrete slabs (using pumice concrete binding glue) (min. 5 N/mm² and min. 900 kg/m³)			
15.230.1101	Building walls with 10-cm-thick, load-carrying pumice concrete slabs (using pumice concrete binding glue) (min. 5 N/mm ² and min. 900 kg/m ³)	m ²	522,25
15.230.1102	Building walls with 15-cm-thick, load-carrying pumice concrete slabs (using pumice concrete binding glue) (min. 5 N/mm ² and min. 900 kg/m ³)	m ²	612,86
15.230.1103	Building walls with 19-cm-thick, load-carrying pumice concrete slabs (using pumice concrete binding glue) (min. 5 N/mm ² and min. 900 kg/m ³)	m ²	682,80
Hollow tile flooring with pumice concrete hollow blocks (min. 400 kg/m³)			
15.230.1201	Hollow tile flooring with 20-cm-high pumice concrete hollow blocks (min. 400 kg/m ³)	m ²	548,88
15.230.1202	Hollow tile flooring with 22-cm-high pumice concrete hollow blocks (min. 400 kg/m ³)	m ²	597,56
15.230.1203	Hollow tile flooring with 23-cm-high pumice concrete hollow blocks (min. 400 kg/m ³)	m ²	621,25
15.230.1204	Hollow tile flooring with 25-cm-high pumice concrete hollow blocks (min. 400 kg/m ³)	m ²	668,63
15.230.1205	Hollow tile flooring with 28-cm-high pumice concrete hollow blocks (min. 400 kg/m ³)	m ²	734,44
15.230.1206	Hollow tile flooring with 30-cm-high pumice concrete hollow blocks (min. 400 kg/m ³)	m ²	789,69
15.230.1207	Hollow tile flooring with 32-cm-high pumice concrete hollow blocks (min. 400 kg/m ³)	m ²	844,31
15.230.1208	Hollow tile flooring with 35-cm-high pumice concrete hollow blocks (min. 400 kg/m ³)	m ²	902,88
Supply and installation of reinforced pumice concrete lintel			
15.230.1301	Supply and installation of 10-cm-thick reinforced pumice concrete lintel	m ²	671,84
15.230.1302	Supply and installation of 13,5-cm-thick reinforced pumice concrete lintel	m ²	881,26
15.230.1303	Supply and installation of 15-cm-thick reinforced pumice concrete lintel	m ²	973,45
15.230.1304	Supply and installation of 19-cm-thick reinforced pumice concrete lintel	m ²	1.209,55
LIGHTWEIGHT SANDWICH MASONRY UNITS WITH AN INSULATION LAYER			
15.235.1001	Building walls with lightweight sandwich masonry units with an insulation layer, 14 cm total thickness, EPS thickness min. 5.5 cm, and 2.5 N/mm ² compressive strength	m ²	765,59
15.235.1002	Total thickness of 15 cm, min. EPS thickness of 6 cm, and 0.9 N/mm ² compressive strength	m ²	568,71
15.235.1003	Total thickness of 19 cm, min. EPS thickness of 6 cm, and 0.9 N/mm ² compressive strength	m ²	610,33
15.235.1004	Total thickness of 19.5 cm, min. EPS thickness of 8.5 cm, and 2.5 N/mm ² compressive strength	m ²	876,26
15.235.1005	Total thickness of 20 cm, min. EPS thickness of 6 cm, and 1 N/mm ² compressive strength	m ²	625,91
EPS-ADDED CONCRETE BLOCK WORKS			
Wall Production			
15.235.1024	Building walls with 10-cm-thick EPS-added blocks (with EPS-added concrete block glue)	m ²	508,78
15.235.1025	Building walls with 12-cm-thick EPS-added blocks (with EPS-added concrete block glue)	m ²	556,21
15.235.1027	Building walls with 15-cm-thick EPS-added blocks (with EPS-added concrete block glue)	m ²	621,35
15.235.1028	Building walls with 17,5-cm-thick EPS-added blocks (with EPS-added concrete block glue)	m ²	675,96
15.235.1031	Building walls with 20-cm-thick EPS-added blocks (with EPS-added concrete block glue)	m ²	742,63
15.235.1032	Building walls with 22,5-cm-thick EPS-added blocks (with EPS-added concrete block glue)	m ²	798,90
15.235.1033	Building walls with 25-cm-thick EPS-added blocks (with EPS-added concrete block glue)	m ²	855,19
15.235.1034	Building walls with 27,5-cm-thick EPS-added blocks (with EPS-added concrete block glue)	m ²	912,40

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.235.1035	Building walls with 30-cm-thick EPS-added blocks (with EPS-added concrete block glue)	m ²	971,26
15.235.1036	Building walls with 32,5-cm-thick EPS-added blocks (with EPS-added concrete block glue)	m ²	1.030,15
15.235.1037	Building walls with 35-cm-thick EPS-added blocks (with EPS-added concrete block glue)	m ²	1.089,03
15.235.1038	Building walls with 37,5-cm-thick EPS-added blocks (with EPS-added concrete block glue)	m ²	1.146,25
15.235.1039	Building walls with 40-cm-thick EPS-added blocks (with EPS-added concrete block glue)	m ²	1.205,11
15.235.1043	Building walls with 50-cm-thick EPS-added blocks (with EPS-added concrete block glue)	m ²	1.438,95
15.235.1047	Building walls with 60-cm-thick EPS-added blocks (with EPS-added concrete block glue)	m ²	1.667,36
Productions of Hollow Tile Flooring			
15.235.1051	Hollow tile flooring with 15-cm-high EPS-added blocks	m ²	553,86
15.235.1052	Hollow tile flooring with 17,5-cm-high EPS-added blocks	m ²	626,85
15.235.1053	Hollow tile flooring with 20-cm-high EPS-added blocks	m ²	713,20
15.235.1054	Hollow tile flooring with 22,5-cm-high EPS-added blocks	m ²	792,88
15.235.1055	Hollow tile flooring with 25-cm-high EPS-added blocks	m ²	874,21
15.235.1056	Hollow tile flooring with 27,5-cm-high EPS-added blocks	m ²	953,88
15.235.1057	Hollow tile flooring with 30-cm-high EPS-added blocks	m ²	1.033,55
15.235.1058	Hollow tile flooring with 32,5-cm-high EPS-added blocks	m ²	1.113,23
15.235.1059	Hollow tile flooring with 35-cm-high EPS-added blocks	m ²	1.194,56
15.235.1060	Hollow tile flooring with 37,5-cm-high EPS-added blocks	m ²	1.274,23
15.235.1061	Hollow tile flooring with 40-cm-high EPS-added blocks	m ²	1.353,90
BRICK-LAYING WORKS USING LIME-SANDSTONE			
15.240.1001	Building 11.5-cm-thick walls with lime sandstone sized (37.5 x 11.5 x 19 cm) (application with glue)	m ²	415,53
15.240.1002	Building 19-cm-thick walls with lime sandstone sized (37.5 x 19 x 19 cm) (application with glue)	m ²	495,99
15.240.1003	Building 24-cm-thick walls with lime sandstone sized (37.5 x 24 x 19 cm) (application with glue)	m ²	548,91
LAYING OF GEOTEXTILE FELT			
15.245.1001	Laying of 150 g/m ² of geotextile felt	m ²	43,21
15.245.1002	Laying of 250 g/m ² of geotextile felt	m ²	48,03
15.245.1003	Laying of 500 g/m ² of geotextile felt	m ²	61,50
LEVELING WORKS			
15.250.1011	Application of a leveling coat with 200 kg/m ³ cement content	m ²	271,96
SCREED WORKS			
15.250.1111	Application of 2.5-cm-thick screed with 400 kg/m ³ cement content	m ²	364,63
15.250.1112	Application of 2.5-cm-thick screed with 450 kg/m ³ cement content	m ²	365,88
15.250.1113	Application of 2.5-cm-thick screed with 500 kg/m ³ cement content	m ²	376,85
15.250.1114	Machine-preparing plaster-based screed with 2.5 cm thickness on average	m ²	305,35
WATER INSULATION WITH POLYMER BITUMEN SHEETS			
15.255.1001	Installation of duplex water insulation with polymer bitumen sheets with 3-mm-thick plastomer-based glass tissue carriers (bent at -5 °C) and 3-mm-thick plastomer-based (bent at -5 °C) polyester felt carriers	m ²	459,14
15.255.1002	Installation of duplex water insulation with polymer bitumen sheets with 3-mm-thick plastomer-based glass tissue carriers (bent at -10 °C) and 3-mm-thick plastomer-based (bent at -10 °C) polyester felt carriers	m ²	479,26
15.255.1003	Installation of duplex water insulation with polymer bitumen sheets with 3-mm-thick elastomer-based glass tissue carriers (bent at -20 °C) and 3-mm-thick elastomer-based (bent at -20 °C) polyester felt carriers	m ²	529,58

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.255.1004	Installation of duplex water insulation with polymer bitumen sheets with 3-mm-thick plastomer-based (bent at -5 °C) polyester felt carriers	m ²	479,26
15.255.1005	Installation of duplex water insulation with polymer bitumen sheets with 3-mm-thick plastomer-based (bent at -10 °C) polyester felt carriers	m ²	502,26
15.255.1006	Installation of duplex water insulation with polymer bitumen sheets with 3-mm-thick elastomer-based (bent at -20 °C) polyester felt carriers	m ²	565,51
15.255.1007	Installation of duplex water insulation with polymer bitumen sheets with 3-mm and 4-mm-thick plastomer-based (bent at -5 °C) polyester felt carriers	m ²	510,89
15.255.1008	Installation of duplex water insulation with polymer bitumen sheets with 3-mm and 4-mm-thick plastomer-based (bent at -10 °C) polyester felt carriers	m ²	533,89
15.255.1009	Installation of duplex water insulation with polymer bitumen sheets with 3-mm and 4-mm-thick elastomer-based (bent at -20 °C) polyester felt carriers	m ²	597,14
15.255.1010	Installation of duplex water insulation with polymer bitumen sheets mineral-coated on one side, with 3.3-mm-thick plastomer-based glass tissue carriers (bent at -5 °C) and 3-mm-thick plastomer-based (bent at -5 °C) polyester felt carriers	m ²	490,76
15.255.1011	Installation of duplex water insulation with polymer bitumen sheets mineral-coated on one side, with 3.3-mm-thick plastomer-based glass tissue carriers (bent at -10 °C) and 3-mm-thick plastomer-based (bent at -10 °C) polyester felt carriers	m ²	510,89
15.255.1012	Installation of duplex water insulation with polymer bitumen sheets mineral-coated on one side, with 3.3-mm-thick elastomer-based glass tissue carriers (bent at -20 °C) and 3-mm-thick elastomer-based polyester felt carriers (bent at -20 °C)	m ²	558,33
15.255.1013	Installation of duplex water insulation with polymer bitumen sheets mineral-coated on one side, with 3.3-mm-thick plastomer-based polyester felt carriers (bent at -5 °C) and 3-mm-thick plastomer-based (bent at -5 °C) polyester felt carriers	m ²	510,89
15.255.1014	Installation of duplex water insulation with polymer bitumen sheets mineral-coated on one side, with 3.3-mm-thick plastomer-based polyester felt carriers (bent at -10 °C) and 3-mm-thick plastomer-based (bent at -10 °C) polyester felt carriers	m ²	533,89
15.255.1015	Installation of duplex water insulation with polymer bitumen sheets mineral-coated on one side, with 3.3-mm-thick elastomer-based polyester felt carriers (bent at -20 °C) and 3-mm-thick elastomer-based (bent at -20 °C) polyester felt carriers	m ²	594,26
15.255.1016	Installation of single-layer water insulation with polymer bitumen sheets mineral-coated on one side, and with 4.3-mm-thick plastomer-based polyester felt carriers (bent at -5 °C)	m ²	318,63
15.255.1017	Installation of single-layer water insulation with polymer bitumen sheets mineral-coated on one side, and with 4.3-mm-thick plastomer-based polyester felt carriers (bent at -10 °C)	m ²	331,56
15.255.1018	Installation of single-layer water insulation with polymer bitumen sheets mineral-coated on one side, and with 4.3-mm-thick elastomer-based polyester felt carriers (bent at -20 °C)	m ²	364,63
15.255.1019	Installation of single-layer water insulation with polymer bitumen sheets metal foil-coated on one side, and with 3-mm-thick plastomer-based polyester felt carriers (bent at -10 °C)	m ²	331,56
15.255.1020	Installation of single-layer water insulation with polymer bitumen sheets metal foil-coated on one side, and with 3-mm-thick elastomer-based polyester felt carriers (bent at -20 °C)	m ²	390,50
15.255.1021	Installation of single-layer insulation with polymer bitumen sheets with 3-mm-thick plastomer-based glass tissue carriers (bent at -5 °C)	m ²	243,88
15.255.1022	Installation of single-layer insulation with polymer bitumen sheets with 3-mm-thick plastomer-based polyester felt carriers (bent at -5 °C)	m ²	264,00
15.255.1023	Installation of single-layer insulation with polymer bitumen sheets with 3-mm-thick plastomer-based glass tissue carriers (bent at -10 °C)	m ²	252,50
15.255.1024	Installation of single-layer insulation with polymer bitumen sheets with 3-mm-thick plastomer-based polyester felt carriers (bent at -10 °C)	m ²	275,50
15.255.1025	Installation of single-layer insulation with polymer bitumen sheets with 3-mm-thick elastomer-based glass tissue carriers (bent at -20 °C)	m ²	271,19
15.255.1026	Installation of single-layer insulation with polymer bitumen sheets with 3-mm-thick elastomer-based polyester felt carriers (bent at -20 °C)	m ²	307,13
WATER INSULATION WITH GEOMEMBRANES FOR CONSTRUCTION OF BUILDINGS			
15.260.1001	Water insulation with 1,5-mm-thick PVC-based geomembrane (plain or with signal layer)	m ²	364,28
15.260.1002	Water insulation with 2-mm-thick PVC-based geomembrane (plain or with signal layer)	m ²	436,46
15.260.1003	Water insulation with 1,5-mm-thick PVC-based geomembrane (UV-resistant, reinforced)	m ²	390,53
15.260.1004	Water insulation with 2-mm-thick PVC-based geomembrane (UV-resistant, reinforced)	m ²	462,71
15.260.1005	Water insulation with 1,5-mm-thick HDPE-based geomembrane (plain or with signal layer)	m ²	328,84

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.260.1006	Water insulation with 2-mm-thick HDPE-based geomembrane (plain or with signal layer)	m ²	383,96
15.260.1007	Water insulation with 1.5-mm-thick HDPE-based geomembrane (UV-resistant, reinforced)	m ²	348,53
15.260.1008	Water insulation with 2-mm-thick HDPE-based geomembrane (UV-resistant, reinforced)	m ²	414,15
15.260.1009	Water insulation with 1,5-mm-thick LDPE-based geomembrane (plain or with signal layer)	m ²	331,46
15.260.1010	Water insulation with 2-mm-thick LDPE-based geomembrane (plain or with signal layer)	m ²	381,34
15.260.1011	Water insulation with 1,5-mm-thick Thermoset EPDM-based geomembrane	m ²	593,96
15.260.1012	Water insulation with 2-mm-thick Thermoset EPDM-based geomembrane	m ²	751,46
15.260.1013	Water insulation with 1.5-mm-thick TPO-based geomembrane (UV-resistant, reinforced)	m ²	462,71
15.260.1014	Water insulation with 2-mm-thick TPO-based geomembrane (UV-resistant, reinforced)	m ²	561,15
WATER INSULATION WITH HDPE and PP BOARDS			
15.265.1001	Water insulation with 3-mm-thick HDPE boards	m ²	494,59
15.265.1002	Water insulation with 4-mm-thick HDPE boards	m ²	607,46
15.265.1003	Water insulation with 5-mm-thick HDPE boards	m ²	713,78
15.265.1004	Water insulation with 3-mm-thick PP boards	m ²	472,28
15.265.1005	Water insulation with 4-mm-thick PP boards	m ²	581,21
15.265.1006	Water insulation with 5-mm-thick PP boards	m ²	700,65
WATER INSULATION WITH SPREAD AND SPRAYED MATERIALS			
15.270.1001	Water insulation in two layers with 1 mm total thickness, using elastomeric resin-based liquid plastic coating material	m ²	441,18
15.270.1002	Water insulation in two mesh-reinforced layers with 1 mm total thickness, using elastomeric resin-based liquid plastic coating material	m ²	467,80
15.270.1003	Water insulation in three layers with 1.5 mm total thickness, using elastomeric resin-based liquid plastic coating material	m ²	557,74
15.270.1004	Water insulation in mesh-reinforced three layers with 1.5 mm total thickness, using elastomeric resin-based liquid plastic coating material	m ²	584,36
15.270.1005	Two layers of 1.5-mm-thick water insulation with cement-based, polymer-modified, two-component, ready-to-use insulation mortar	m ²	403,68
15.270.1006	Two layers of 1.5-mm-thick water insulation with cement-based, polymer-modified, two-component, ready-to-use insulation mortar and mesh reinforcement	m ²	430,30
15.270.1007	Water insulation in 3 layers with a total thickness of 2 mm with cement-based, polymer-modified, two-component, ready-to-use insulation mortar	m ²	482,74
15.270.1008	Water insulation in three layers with a total thickness of 2 mm with cement-based, polymer-modified, two-component, ready-to-use insulation mortar and mesh reinforcement	m ²	509,36
15.270.1009	Water insulation in 2 layers with a total thickness of 1.5 mm with cement-based, one-component, crystallized water insulation mortar	m ²	366,23
15.270.1010	Water insulation in 2 layers with a total thickness of 1.5 mm with cement-based, one-component, crystallized water insulation mortar and mesh reinforcement	m ²	392,85
15.270.1011	Water insulation in 3 layers with a total thickness of 2 mm with cement-based, one-component, crystallized water insulation mortar	m ²	432,81
15.270.1012	Water insulation in 3 layers with a total thickness of 2 mm with cement-based, one-component, crystallized water insulation mortar and mesh reinforcement	m ²	459,44
15.270.1101	Making 2-mm-thickness water insulation using hybrid Polyurea-based, two-component water insulation agent	m ²	1.017,53
15.270.1111	Making 2-mm-thickness water insulation using 100% Pure Polyurea-based, two-component water insulation agent	m ²	1.485,03
WATER INSULATION WITH GEOSYNTHETIC CLAY COVER ON BUILDING FOUNDATIONS			
15.270.1202	Water insulation with geosynthetic clay cover on building foundations (Bottom Layer 100 g/m ² PP Braided Geotextile, Top Layer 200 g/m ² PP Unbraided Geotextile, Total Weight: 5500 g/m ²)	m ²	227,50
15.270.1203	Water insulation with geosynthetic clay cover on building foundations (Bottom Layer 100 g/m ² PP Braided Geotextile, Top Layer 200 g/m ² PP Unbraided Geotextile, Total Weight: 6500 g/m ²)	m ²	234,38
JOINTING AND POINTING			
15.275.1011	Making flush grooved joints on stone wall surfaces	m ²	215,31
15.275.1012	Making relief joints on stone wall surfaces	m ²	235,54
PLASTERING			
15.275.1111	Plastering with rough and fine mortar with 250/350 kg/m ³ cement content (exterior plaster)	m ²	601,88

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.275.1112	Plastering with rough and fine mortar with 200/250 kg lime/cement mixture content (interior plaster)	m ²	535,60
15.275.1113	Plastering with rough and fine mortar with 250/350 kg lime/cement mixture content (ceiling plaster)	m ²	560,69
15.275.1114	Rough plastering with rough and fine mortar with 250/350 kg/m ³ cement content	m ²	419,61
15.275.1115	Applying single layer fine plaster with 350 kg/m ³ cement content	m ²	391,29
15.275.1116	Applying a single layer of mortar with 250 kg cement dosed mortar	m ²	358,51
15.275.1117	Applying a single layer of mortar with 200 kg mixture of Cement and Lime	m ²	367,51
FILLING OF THE BACK OF METAL DOOR FRAME			
15.275.9992	Filling the back of metal door frames with concrete grout	m ²	504,55
GYPSUM PLASTER AND LINING WORKS			
15.280.1009	Coating with perlite plaster mortar and satin mortar (on concrete, brick wall, and other similar surfaces)	m ²	558,39
15.280.1010	Applying repair plaster with 5 mm thickness on average made by a mixture of perlite plaster mortar and satin plaster (For rough plaster, exposed concrete surfaces, perlite plaster surfaces, and other) surfaces)	m ²	197,73
15.280.1011	Satin gypsum coating (1 mm thickness on average)	m ²	112,23
15.280.1012	15-mm-thick, single layer plastering of ceilings with machine-applied plaster	m ²	375,11
15.280.1013	20-mm-thick, single layer plastering of walls with machine-applied plaster (on concrete, brick and similar other surfaces)	m ²	403,75
APPLICATION OF INSULATION PLASTER			
15.285.1001	Application of 2-cm-thick plaster on interior or exterior surfaces with ready-mix (factory-made) rough/fine plaster (TI, WI, CSI)	m ²	500,91
15.285.1002	Application of 3-cm-thick plaster on interior or exterior surfaces with ready-mix (factory-made) rough/fine plaster (TI, WI, CSI)	m ²	668,24
15.285.1003	Application of 4-cm-thick plaster on interior or exterior surfaces with ready-mix (factory-made) rough/fine plaster (TI, WI, CSI)	m ²	835,56
15.285.1011	Application of 2-cm-thick plaster on interior or exterior surfaces with ready-mix (factory-made) rough/fine plaster (TI, WI, CSII)	m ²	510,54
15.285.1012	Application of 3-cm-thick plaster on interior or exterior surfaces with ready-mix (factory-made) rough/fine plaster (TI, WI, CSII)	m ²	682,68
15.285.1013	Application of 4-cm-thick plaster on interior or exterior surfaces with ready-mix (factory-made) rough/fine plaster (TI, WI, CSII)	m ²	854,81
WOODEN ROOF			
15.300.1001	Building wooden free-standing roof (wood paneling under the roofing)	m ²	1.157,26
15.300.1002	Building wooden free-standing roof (OSB/3 paneling under the roofing)	m ²	1.253,14
15.300.1003	Building wooden truss roof	m ³	23.595,65
15.300.1004	Building truss roof made of planed wood	m ³	24.306,48
15.300.1005	Wood paneling on the roof	m ²	499,28
15.300.1006	OSB/3 paneling on the roof	m ²	533,44
15.300.1007	Eaves fascia and below-eaves	m ²	842,94
CLAY TILE ROOFING WORKS			
15.305.1001	Roofing with top and bottom bricks (pantile) (Tightness Class: Group 1) (Resistant to 150 freezing - thawing cycles) (3-lath system)	m ²	1.315,56
15.305.1002	Roofing with top and bottom bricks (pantile) (Tightness Class: Group 1) (Resistant to 90 freezing - thawing cycles) (3-lath system)	m ²	1.264,38
15.305.1003	Roofing with tiles with interlocking side and top edges (Tightness Class: Group 1) (Resistant to 150 freezing - thawing cycles) (2-lath system)	m ²	884,94
15.305.1004	Roofing with tiles with interlocking side and top edges (Tightness Class: Group 1) (Resistant to 90 freezing - thawing cycles) (2-lath system)	m ²	849,50
15.305.1005	Building ridges using ridge tiles (Tightness Class: Group 1) (Resistant to 150 freezing - thawing cycles)	m	458,19
15.305.1006	Building ridges using ridge tiles (Tightness Class: Group 1) (Resistant to 90 freezing - thawing cycles)	m	431,94

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
ROOFING WITH CONCRETE / PERLITE CONCRETE TILES			
15.305.1201	Roofing with colorless concrete tiles (double-lath system)	m ²	773,38
15.305.1202	Roofing with concrete tiles painted in iron oxide (2-lath system)	m ²	810,13
15.305.1203	Roofing with concrete tiles with color glazing, and painted in iron oxide and (2-lath system)	m ²	849,50
15.305.1204	Building ridges with colorless concrete ridge tiles	m	469,31
15.305.1205	Building ridges with concrete ridge tiles painted in iron oxide	m	499,50
15.305.1206	Building ridges with concrete ridge tiles painted in iron oxide and with colored glazing	m	533,63
15.305.1207	Roofing with colorless perlite concrete tiles (2-lath system)	m ²	740,56
15.305.1208	Roofing with perlite concrete tiles painted in iron oxide (2-lath system)	m ²	773,38
15.305.1209	Roofing with perlite concrete tiles with color glazing, and painted in iron oxide and (2-lath system)	m ²	810,13
15.305.1210	Building ridges with colorless perlite concrete ridge tiles	m	457,50
15.305.1211	Building ridges with perlite concrete ridge tiles painted in iron oxide	m	470,63
15.305.1212	Building ridges with concrete ridge tiles painted in iron oxide and with colored glazing	m	516,56
15.305.1213	Water insulation of walls, chimney bottoms, etc. using self-adhesive, aluminum-reinforced, UV-resistant chimney bottom tapes coated with polybutylene/vulcanized thermoplastic (TPV) (Total width: 25 to 40 cm)	m	392,19
15.305.1214	Sealing of insulation finishes with an aluminum pressure bar and polyurethane mastic	m	231,59
15.305.1215	Making roof valleys with PVC-based, self-channeled, UV-resistant, vane-type groove/inclined gutter water insulation (min. 50 cm wide)	m	379,63
TIN WORKS			
Production and installation of vertical rainwater downpipes			
15.310.1001	Production and installation of vertical rainwater downpipes 150 mm in diameter, made of no. 12 zinc sheets.	m	833,34
15.310.1002	Production and installation of vertical rainwater downpipes 120 mm in diameter, made of no. 12 zinc sheets.	m	751,26
15.310.1003	Production and installation of vertical rainwater downpipes 100 mm in diameter, made of no. 12 zinc sheets.	m	697,09
15.310.1004	Production and installation of vertical rainwater downpipes 100 mm in diameter, made of no. 10 zinc sheets.	m	641,30
15.310.1005	Production and installation of vertical rainwater downpipes 80 mm in diameter, made of no. 10 zinc sheets.	m	608,31
15.310.1006	Production and installation of vertical rainwater downpipes 80 mm in diameter, made of no. 12 zinc sheets.	m	656,05
15.310.1007	Production and installation of vertical rainwater downpipes 75 mm in diameter, made of no. 10 zinc sheets.	m	587,53
15.310.1008	Production and installation of vertical rainwater downpipes 70 mm in diameter, made of no. 10 zinc sheets.	m	558,81
Production and installation of rain gutters			
15.310.1101	Manufacture and installation of rain gutters 240 mm in diameter, made of no. 14 zinc sheets.	m	1.749,79
15.310.1102	Production and installation of rain gutters 185 mm in diameter, made of no. 12 zinc sheets.	m	1.465,89
15.310.1103	Production and installation of rain gutters 155 mm in diameter, made of no. 12 zinc sheets.	m	1.370,40
15.310.1104	Production and installation of rain gutters 130 mm in diameter, made of no. 12 zinc sheets.	m	1.262,71
15.310.1105	Production and installation of rain gutters 110 mm in diameter, made of no. 12 zinc sheets.	m	1.206,99
15.310.1106	Production and installation of rain gutters 90 mm in diameter, made of no. 12 zinc sheets.	m	1.135,73
Other tin works			
15.310.1201	Production and installation of inclined roof valleys made of zinc no. 14	m	1.013,01
15.310.1202	Production and installation of horizontal roof valleys in the form of gutter, made of zinc no. 14	m	1.989,29
15.310.1203	Production and installation of rainwater hoppers sized 30 x 40 x 30 cm made of no. 12 zinc sheet	Qty	2.379,55
15.310.1204	Production and installation of roof valleys made of zinc no. 14 for the back of the attic wall	m	2.124,06
15.310.1205	Production and installation of flashing sheets, chimney edges, roof examination windows and roof lantern bases, made of no. 12 zinc sheet	m	813,80
15.310.1206	Production and installation of roof valleys made of no. 12 zinc sheet on the top and sides of the attic walls	m ²	1.444,81
15.310.1207	Production and installation of window sills made of no. 12 zinc sheet	m	754,43
15.310.1208	Production and installation of roof cleaning boxes made of no. 12 zinc sheet	Qty	444,48
15.310.1209	Production and installation of stove flue inlet and cap made of no. 12 zinc sheet	Qty	316,33

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
Production of copper pipes, gutters, etc.			
15.310.1301	Production and installation of vertical rainwater downpipes 125 mm in diameter, made of 0.50-mm copper sheets.	m	1.464,31
15.310.1302	Production and installation of rain gutters (with round or angular section) that are 155 mm in diameter and made of 0.50-mm copper sheet	m	2.363,19
15.310.1303	Production and installation of roof valleys made of 0.50-mm copper sheet	m	2.331,38
15.310.1304	Production and installation of roof valleys in the form of gutter made of 0.50-mm copper sheet	m	4.050,75
15.310.1305	Production and installation of rain water hoppers sized 30 x 40 x 30 cm made of 0.50-mm copper sheet	Qty	3.748,15
15.310.1306	Production and installation of roof valleys made of 0.50-mm copper sheet on the back of the attic wall	m	4.258,88
15.310.1307	Production and installation of flashing sheets, chimney edges, roof examination windows and roof lantern bases made of 0.50-mm copper sheet.	m	1.669,88
15.310.1308	Production and installation of roof valleys made of 0.50-mm copper sheet on the top and sides of the attic walls	m ²	3.346,45
15.310.1309	Production and installation of window sills made of 0.50-mm copper sheet	m	1.476,50
PVC Rainwater Downpipe, Gutter, etc.			
15.315.1001	Supply and installation of hard PVC rainwater downpipes Ø70 mm in diameter and with a bellmouth at one end	m	167,89
15.315.1002	Supply and installation of hard PVC rainwater downpipes Ø100 mm in diameter and with a bellmouth at one end	m	215,40
15.315.1003	Supply and installation of hard PVC rainwater downpipes Ø125 mm in diameter and with a bellmouth at one end	m	245,84
15.315.1004	Supply and installation of hard PVC rain gutters Ø100 mm in diameter	m	296,58
15.315.1005	Supply and installation of hard PVC rain gutters Ø150 mm in diameter	m	350,88
Jointless Rain Gutter			
15.315.1101	Production and installation of 0.50-mm-thick, hot-dip galvanized and coated sheet metal jointless pipes (Total sheet metal width: 30 cm)	m	292,43
INSULATED ROOF AND WALL PANEL WORKS			
15.320.1001	Roofing with 50-mm polyurethane-insulated roof panels (0.50-mm-thick, coated, galvanized sheet metal top, and 0.40-mm-thick, coated, galvanized sheet metal bottom) on the existent wooden, reinforced concrete or steel purlins.	m ²	1.117,03
15.320.1002	Roofing with 50-mm polyurethane-insulated roof panels (1.20-mm-thick, PVC membrane top, and 0.60-mm-thick, coated, galvanized sheet metal bottom) on the existent wooden, reinforced concrete or steel purlins.	m ²	1.547,03
15.320.1003	Roofing with 50-mm polyurethane-insulated roof panels (1.20-mm-thick, TPO membrane top, and 0.60-mm-thick, coated, galvanized sheet metal bottom) on the existent wooden, reinforced concrete or steel purlins.	m ²	1.592,03
15.320.1004	Roofing with 50-mm polyisocyanurate-insulated roof panels (0.50-mm-thick, coated, galvanized sheet metal top, and 0.40-mm-thick, coated, galvanized sheet metal bottom) on the existent wooden, reinforced concrete or steel purlins.	m ²	1.199,53
15.320.1005	Roofing with 50-mm polyisocyanurate-insulated roof panels (1.20-mm-thick, PVC membrane top, and 0.60-mm-thick, coated, galvanized sheet metal bottom) on the existent wooden, reinforced concrete or steel purlins.	m ²	1.644,53
15.320.1006	Roofing with 50-mm polyisocyanurate-insulated roof panels (1.20-mm-thick, TPO membrane top, and 0.60-mm-thick, coated, galvanized sheet metal bottom) on the existent wooden, reinforced concrete or steel purlins.	m ²	1.667,03
15.320.1007	Roofing with 60-mm polystyrene-insulated roof panels (0.70-mm-thick top, and 0.50-mm-thick bottom made of natural, embossed aluminum) on the existent wooden, reinforced concrete or steel purlins.	m ²	1.342,03
15.320.1008	Roofing with 60-mm polystyrene-insulated roof panels (0.50-mm-thick, coated, galvanized sheet metal top, and 0.40-mm-thick, coated, galvanized sheet metal bottom) on the existent wooden, reinforced concrete or steel purlins.	m ²	1.139,53
15.320.1009	Roofing with 60-mm polystyrene-insulated roof panels (0.50-mm-thick coated, galvanized sheet metal top, and 0.40-mm-thick natural, embossed aluminum bottom) on the existent wooden, reinforced concrete or steel purlins.	m ²	1.237,03
15.320.1010	Roofing with 60-mm rock wool-insulated roof panels (0.50-mm-thick, coated, galvanized sheet metal top, and 0.50-mm-thick, coated, galvanized sheet metal bottom) on the existent steel purlins.	m ²	1.388,59
15.320.1011	Roofing with 60-mm rock wool-insulated roof panels (1.20-mm-thick, PVC membrane top, and 0.60-mm-thick, coated, galvanized sheet metal bottom) on the existent steel purlins.	m ²	1.819,21
15.320.1012	Roofing with 60-mm rock wool-insulated roof panels (1.20-mm-thick, TPO membrane top, and 0.60-mm-thick, coated, galvanized sheet metal bottom) on the existent steel purlins.	m ²	1.879,21
15.320.1013	Roofing with 60-mm rock wool-insulated roof panels (1.50-mm-thick, TPO membrane top, and 0.60-mm-thick, coated, galvanized sheet metal bottom) on the existent steel purlins.	m ²	1.909,21

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.320.1014	Roofing with 50-mm rock wool + 25-mm polyurethane-insulated roof panels (1.20-mm-thick, PVC membrane top, and 0.60-mm-thick, coated, galvanized sheet metal bottom) on the existent steel purlins.	m ²	1.984,21
15.320.1015	Roofing with 50-mm rock wool + 25-mm polyurethane-insulated roof panels (1.20-mm-thick, TPO membrane top, and 0.60-mm-thick, coated, galvanized sheet metal bottom) on the existent steel purlins.	m ²	2.006,71
ZINC, COPPER, ALUMINUM AND SHEET METAL ROOFING			
15.325.1001	Roofing with 0.50-mm-thick no. 10 zinc on wooden roof frame	m ²	1.849,83
15.325.1002	Roofing with 0.50-mm-thick copper plate on wooden roof frame	m ²	4.121,79
15.325.1003	Roofing with 0.66-mm copper plate on wooden roof frame	m ²	5.058,35
15.325.1004	0.70-mm roofing of flat aluminum sheet (EN AW 3003 Al-Mn1 Cu) on wooden roof frame	m ²	1.855,53
15.325.1005	Roofing with 0.70-mm-thick trapezoidal aluminum sheets (EN AW 3003 Al-Mn1 Cu) on the existent wooden, reinforced concrete or steel purlins.	m ²	926,55
15.325.1006	Roofing with 0.70-mm-thick trapezoidal aluminum sheets (EN AW 1050A, Al 99.5) on the existent wooden, reinforced concrete or steel purlins.	m ²	904,41
15.325.1007	Installing roof cover with 0.70-mm-thick trapezoidal aluminum sheets (EN AW 3003 Al-Mn1 Cu) on the existing reinforced concrete, precast, ready-mix concrete slabs or wooden roofing with sided wood.	m ²	1.068,74
15.325.1008	Roofing with 0.50-mm-thick hot-dip galvanized flat sheet metal on wooden roof.	m ²	1.193,26
15.325.1009	Roofing with 0.50-mm-thick hot-dip galvanized grooved/trapezoidal sheet metal on wooden roof.	m ²	537,58
OTHER ROOFING WORKS			
15.325.1101	Roofing with grooved roofing covers made of fiber-reinforced cement on wooden roof	m ²	442,69
15.325.1102	Roofing with grooved bitumen panels in any color over wooden roof (CATEGORY R $\geq$ 1400 N/M ²) (Fire class: BROOF)	m ²	376,25
15.325.1103	Roofing with 0.50-mm-thick, hot-dip galvanized, grooved/trapezoidal sheet metal on the existing roof made of reinforced concrete or reinforced premix (with lightweight or regular aggregate) concrete slabs.	m ²	571,95
15.325.1104	Roofing with fiber-reinforced, grooved cement slabs on the existing roof made of reinforced concrete or reinforced premix (with lightweight or regular aggregate) concrete slabs.	m ²	513,31
15.325.1105	Roofing with grooved bitumen panels in any color on the existing roof made of reinforced concrete or reinforced premix (with lightweight or regular aggregate) concrete slabs (CATEGORY R $\geq$ 1400 N/M ²) (Fire class: BROOF)	m ²	450,24
15.325.1106	Roofing with grooved bitumen panels in any color on steel or precast reinforced concrete beams (CATEGORY R $\geq$ 1400 N/M ²) (Fire class: BROOF)	m ²	437,19
15.325.1107	Roofing with lead sheet on reinforced concrete roof.	Kg	155,79
15.325.1108	Roofing with 0.50-mm-thick, hot-dip galvanized, flat sheet metal on the existing roof made of reinforced ready-mix concrete slabs.	m ²	690,31
15.325.1109	Roofing with 0.50-mm-thick hot-dip galvanized grooved/trapezoidal sheet metal on steel or precast reinforced concrete beams.	m ²	540,08
15.325.1110	Roofing with grooved fiber-reinforced cement slabs on steel or precast reinforced concrete beams	m ²	481,44
WATER INSULATION UNDER ROOFING.			
15.330.1001	Water insulation with minimum 1-mm-thick, non-laminated polymer bitumen cover with glass tissue carriers, coated with polyethylene film on both surfaces, for use under the roofing materials on pitched roofs	m ²	195,13
15.330.1002	Water insulation with minimum 0.60-mm-thick, non-laminated polymer bitumen cover with polyester felt carriers, coated with polyethylene film on both surfaces, for use under the roofing materials on pitched roofs	m ²	204,06
15.330.1003	Water insulation with vapor-permeable water insulation cover under the roofing for pitched roofs	m ²	178,63
15.330.1004	Water insulation with a 3-mm-thick polymer bitumen cover (Bent at -10 °C) with plastomer-based glass tissue carriers under the roofing for pitched roofs.	m ²	299,44
15.330.1005	Water insulation with a 3-mm-thick polymer bitumen cover (Bent at -10 °C) with plastomer-based polyester felt carriers under the roofing for pitched roofs.	m ²	321,44
15.330.1006	Water insulation with a 3-mm-thick polymer bitumen cover (Bent at -20 °C) with elastomer-based glass tissue carriers under the roofing for pitched roofs.	m ²	317,31
15.330.1007	Water insulation with a 3-mm-thick polymer bitumen cover (Bent at -20 °C) with elastomer-based polyester felt carriers under the roofing for pitched roofs.	m ²	351,69

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.330.1008	Water insulation with a 3-mm-thick polymer bitumen cover (Bent at -5 °C) with plastomer-based glass tissue carriers under the roofing for pitched roofs.	m ²	291,19
15.330.1009	Water insulation with a 3-mm-thick polymer bitumen cover (Bent at -5 °C) with plastomer-based polyester felt carriers under the roofing for pitched roofs.	m ²	310,44
15.330.1010	Water insulation with organic-fiber, bitumen-impregnated under-tile water insulation panels under the roofing for pitched roofs (over the existing veneer)	m ²	323,13
15.330.1011	Water insulation with organic-fiber, bitumen-impregnated under-tile water insulation panels under the roofing for pitched roofs (for reinforced concrete roofs)	m ²	403,36
HORIZONTAL THERMAL AND ACOUSTIC INSULATION WITH POLYETHYLENE FOAM MATS			
15.340.9951	Thermal and acoustic insulation on horizontal surfaces (such as floor slabs or mezzanine concrete decks) using 2 mm thick polyethylene foam sheets with a minimum density of 90 kg/m ³ .	m ²	70,13
15.340.9952	Thermal and acoustic insulation on horizontal surfaces (such as floor slabs or mezzanine concrete decks) using 5 mm thick polyethylene foam sheets with a minimum density of 90 kg/m ³ .	m ²	121,31
15.340.9953	Thermal and acoustic insulation on horizontal surfaces (such as floor slabs or mezzanine concrete decks) using 8 mm thick polyethylene foam sheets with a minimum density of 90 kg/m ³ ..	m ²	179,06
15.340.9961	Thermal and acoustic insulation on horizontal surfaces (e.g. over screed concrete) using 2 mm thick, perforated polyethylene foam sheets with a minimum density of 90 kg/m ³ .	m ²	106,88
15.340.9962	Thermal and acoustic insulation on horizontal surfaces (e.g. over screed concrete) using 2.5 mm thick, perforated polyethylene foam sheets with a minimum density of 90 kg/m ³	m ²	133,13
15.340.9963	Thermal and acoustic insulation on horizontal surfaces (e.g. over screed concrete) using 5 mm thick, perforated polyethylene foam sheets with a minimum density of 90 kg/m ³	m ²	179,06
THERMAL INSULATION WITH EPS MATERIALS			
EPS Sheathing			
15.341.1001	Thermal insulation of exterior walls with 5-cm-thick, expanded polystyrene (EPS) panels, with tensile strength perpendicular to the surface at min. 100kPa (TR100), coated with thermal insulation plaster (sheathing)	m ²	801,03
15.341.1002	Thermal insulation of exterior walls with 6-cm-thick, expanded polystyrene (EPS) panels, with tensile strength perpendicular to the surface at min. 100kPa (TR100), coated with thermal insulation plaster (sheathing)	m ²	818,43
15.341.1003	Thermal insulation of exterior walls with 8-cm-thick, expanded polystyrene (EPS) panels, with tensile strength perpendicular to the surface at min. 100kPa (TR100), coated with thermal insulation plaster (sheathing)	m ²	853,20
15.341.1004	Thermal insulation of exterior walls with 10-cm-thick, expanded polystyrene (EPS) panels, with tensile strength perpendicular to the surface at min. 100kPa (TR100), coated with thermal insulation plaster (sheathing)	m ²	887,99
Graphite/Carbon Based EPS Sheathing			
15.341.1021	Thermal insulation of exterior walls with 5-cm-thick, graphite/carbon based expanded polystyrene (EPS) panels, with tensile strength perpendicular to the surface at min. 100kPa (TR100), coated with thermal insulation plaster (sheathing)	m ²	817,11
15.341.1022	Thermal insulation of exterior walls with 6-cm-thick, graphite/carbon based expanded polystyrene (EPS) panels, with tensile strength perpendicular to the surface at min. 100kPa (TR100), coated with thermal insulation plaster (sheathing)	m ²	837,71
15.341.1023	Thermal insulation of exterior walls with 8-cm-thick, graphite/carbon based expanded polystyrene (EPS) panels, with tensile strength perpendicular to the surface at min. 100kPa (TR100), coated with thermal insulation plaster (sheathing)	m ²	878,93
15.341.1024	Thermal insulation of exterior walls with 10-cm-thick, graphite/carbon based expanded polystyrene panels, with tensile strength perpendicular to the surface at min. 100kPa (TR100), coated with thermal insulation plaster (sheathing)	m ²	920,14
Thermal Insulation on Floors Not Subject to Load			
15.341.1041	Horizontal thermal insulation, only on the roof floor (on floors not exposed to load) with 5-cm-thick EPS boards (60 Kpa compressive strength)	m ²	114,43
15.341.1042	Horizontal thermal insulation (on floors not exposed to load) with 5-cm-thick EPS boards (90 Kpa compressive strength)	m ²	125,25
15.341.1043	Horizontal thermal insulation, only on the roof floor (on floors not exposed to load) with 5-cm-thick graphite/carbon based EPS boards (60 Kpa compressive strength)	m ²	134,76
15.341.1044	Horizontal thermal insulation (on floors not exposed to load) with 5-cm-thick graphite/carbon based EPS boards (90 Kpa compressive strength)	m ²	149,54
Thermal Insulation on Floors Subject to Load			
15.341.1061	Horizontal thermal insulation (on floors exposed to load) with 5-cm-thick EPS boards (150 Kpa compressive strength)	m ²	152,81
15.341.1062	Horizontal thermal insulation (on floors exposed to load) with 5-cm-thick EPS boards (200 Kpa compressive strength)	m ²	182,35

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.341.1063	Horizontal thermal insulation (on floors exposed to load) with 5-cm-thick graphite/carbon based EPS boards (150 Kpa compressive strength)	m ²	188,91
15.341.1064	Horizontal thermal insulation (on floors exposed to load) with 5-cm-thick graphite/carbon based EPS boards (200 Kpa compressive strength)	m ²	225,00
Thermal Insulation with Internal Plaster Applications			
15.341.1081	Internal thermal insulation of walls with 5-cm-thick expanded polystyrene boards (EPS) with a compressive strength of at least 90 kPa (CS(10)90) and coated with thermal insulation plaster	m ²	790,85
15.341.1082	Internal thermal insulation of walls with 5-cm-thick expanded polystyrene boards (EPS) with a compressive strength of at least 150 kPa (CS(10)150) and coated with thermal insulation plaster	m ²	820,38
15.341.1083	Internal thermal insulation of walls with 5-cm-thick graphite/carbon based expanded polystyrene boards (EPS) with a compressive strength of at least 90 kPa (CS(10)90) and coated with thermal insulation plaster	m ²	813,81
15.341.1084	Internal thermal insulation of walls with 5-cm-thick graphite/carbon based expanded polystyrene boards (EPS) with a compressive strength of at least 150 kPa (CS(10)150) and coated with thermal insulation plaster	m ²	855,49
Thermal Insulation on Traditional Terrace Roofs			
15.341.1101	Thermal insulation with 10-cm-thick expanded polystyrene boards (EPS) with a compressive strength of at least 100 kPa (on non-walkable terrace roofs)	m ²	231,56
15.341.1102	Thermal insulation with 10-cm-thick expanded polystyrene boards (EPS) with a compressive strength of at least 150 kPa (on traditional walkable terrace roofs etc.)	m ²	270,94
15.341.1103	Thermal insulation with 10-cm-thick graphite/carbon based expanded polystyrene boards (EPS) with a compressive strength of at least 100 kPa (on non-walkable terrace roofs)	m ²	288,00
15.341.1104	Thermal insulation with 10-cm-thick graphite/carbon based expanded polystyrene boards (EPS) with a compressive strength of at least 150 kPa (on traditional walkable terrace roofs etc.)	m ²	343,13
Thermal Insulation on Inverted Terrace Roofs			
15.341.1121	Thermal insulation on inverted terrace roofs with 10-cm-thick EPS (compressive strength of at least 200 kPa)	m ²	330,00
15.341.1122	Thermal insulation on inverted terrace roofs with 10-cm-thick EPS (compressive strength of at least 250 kPa)	m ²	389,06
15.341.1123	Thermal insulation on inverted terrace roofs with 10-cm-thick graphite/carbon based EPS (compressive strength of at least 200 kPa)	m ²	415,31
15.341.1124	Thermal insulation on inverted terrace roofs with 10-cm-thick graphite/carbon based EPS (compressive strength of at least 250 kPa)	m ²	494,06
Thermal Insulation of Soil-Contacting Basement Walls			
15.341.1141	Thermal insulation of basement walls with 8-cm-thick expanded polystyrene boards (EPS) with a compressive strength of at least 250 kPa	m ²	270,94
15.341.1142	Thermal insulation of basement walls with 8-cm-thick graphite/carbon based expanded polystyrene boards (EPS) with a compressive strength of at least 250 kPa	m ²	339,19
THERMAL INSULATION WITH XPS MATERIALS			
XPS Sheathing			
15.341.2001	Thermal insulation of exterior walls with 6-cm-thick, extruded polystyrene panels with tensile strength perpendicular to the surface at min. 200 kPa with rough or smooth canals on their surfaces and coated with thermal insulation plaster (sheathing)	m ²	966,08
15.341.2002	Thermal insulation of exterior walls with 6-cm-thick, extruded polystyrene panels with tensile strength perpendicular to the surface at min. 400 kPa with rough or smooth canals on their surfaces and coated with thermal insulation plaster (sheathing)	m ²	1.076,33
15.341.2003	Thermal insulation of exterior walls with 8-cm-thick, extruded polystyrene panels with tensile strength perpendicular to the surface at min. 200 kPa with rough or smooth canals on their surfaces and coated with thermal insulation plaster (sheathing)	m ²	1.050,08
15.341.2004	Thermal insulation of exterior walls with 8-cm-thick, extruded polystyrene panels with tensile strength perpendicular to the surface at min. 400 kPa with rough or smooth canals on their surfaces and coated with thermal insulation plaster (sheathing)	m ²	1.197,08
Thermal Insulation on Floors			
15.341.2021	Thermal insulation of 5-cm-thick floors with XPS boards with a smooth surface and a compressive strength of at least 100 kPa (for details not exposed to load)	m ²	215,16
15.341.2022	Thermal insulation of 5-cm-thick floors with XPS boards with a smooth surface and a compressive strength of at least 200 kPa	m ²	241,41
15.341.2023	Thermal insulation of 6-cm-thick floors with XPS boards with a smooth surface and a compressive strength of at least 100 kPa (for details not exposed to load)	m ²	251,25

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.341.2024	Thermal insulation of 6-cm-thick floors with XPS boards with a smooth surface and a compressive strength of at least 200 kPa	m ²	282,75
15.341.2025	Thermal insulation of 6-cm-thick floors with XPS boards with a smooth surface and a compressive strength of at least 300 kPa	m ²	302,44
15.341.2026	Thermal insulation of 8-cm-thick floors with XPS boards with a smooth surface and a compressive strength of at least 300 kPa	m ²	391,69
Thermal Insulation on Traditional Terrace Roofs			
15.341.2041	Horizontal thermal insulation (traditional walkable terrace roofs, etc.) with 5-cm-thick boards (suitable for loading XPS boards) with a compressive strength of at least 300 kPa, and a thermal conductivity coefficient of $0,030 \leq 0,035$ W/(m.K).	m ²	263,39
15.341.2042	Horizontal thermal insulation (traditional walkable terrace roofs, etc.) with 6-cm-thick boards (suitable for loading XPS boards) with a compressive strength of at least 300 kPa, and a thermal conductivity coefficient of $0,030 \leq 0,035$ W/(m.K).	m ²	309,14
15.341.2043	Horizontal thermal insulation (traditional walkable terrace roofs, etc.) with 8-cm-thick boards (suitable for loading XPS boards) with a compressive strength of at least 300 kPa, and a thermal conductivity coefficient of $0,030 \leq 0,035$ W/(m.K).	m ²	400,61
15.341.2044	Horizontal thermal insulation (traditional walkable terrace roofs, etc.) with 10-cm-thick boards (suitable for loading XPS boards) with a compressive strength of at least 300 kPa, and a thermal conductivity coefficient of $0,030 \leq 0,035$ W/(m.K).	m ²	492,10
15.341.2045	Horizontal thermal insulation (traditional walkable terrace roofs, etc.) with 5-cm-thick boards (suitable for loading XPS boards) with a compressive strength of at least 300 kPa, and a thermal conductivity coefficient of $0,035 \leq 0,040$ W/(m.K).	m ²	256,18
15.341.2046	Horizontal thermal insulation (traditional walkable terrace roofs, etc.) with 6-cm-thick boards (suitable for loading XPS boards) with a compressive strength of at least 300 kPa, and a thermal conductivity coefficient of $0,035 \leq 0,040$ W/(m.K)	m ²	300,48
15.341.2047	Horizontal thermal insulation (traditional walkable terrace roofs, etc.) with 8-cm-thick boards (suitable for loading XPS boards) with a compressive strength of at least 300 kPa, and a thermal conductivity coefficient of $0,035 \leq 0,040$ W/(m.K)	m ²	389,06
15.341.2048	Horizontal thermal insulation (traditional walkable terrace roofs, etc.) with 10-cm-thick boards (suitable for loading XPS boards) with a compressive strength of at least 300 kPa, and a thermal conductivity coefficient of $0,035 \leq 0,040$ W/(m.K)	m ²	477,66
Thermal Insulation on Inverted Terrace Roofs			
15.341.2061	Thermal insulation with 10-cm-thick XPS boards with a compressive strength of at least 200 kPa, a thermal conductivity coefficient of $0,030 < 0,035$ W/(m.K), and a smooth surface (on non-walkable terrace roofs)	m ²	477,66
15.341.2062	Thermal insulation with 10-cm-thick XPS boards with a compressive strength of at least 200 kPa, a thermal conductivity coefficient of $0,035 < 0,040$ W/(m.K), and a smooth surface (on non-walkable terrace roofs)	m ²	474,38
15.341.2063	Thermal insulation with 10-cm-thick XPS boards with a compressive strength of at least 200 kPa, a thermal conductivity coefficient of $0,040 < 0,045$ W/(m.K), and a smooth surface (on non-walkable terrace roofs)	m ²	441,56
15.341.2064	Thermal insulation with 10-cm-thick XPS boards with a compressive strength of at least 300 kPa, a thermal conductivity coefficient of $0,030 < 0,035$ W/(m.K), and a smooth surface (on walkable terrace roofs)	m ²	517,04
15.341.2065	Thermal insulation with 10-cm-thick XPS boards with a compressive strength of at least 300 kPa, a thermal conductivity coefficient of $0,035 < 0,040$ W/(m.K), and a smooth surface (on walkable terrace roofs)	m ²	513,75
15.341.2066	Thermal insulation with 10-cm-thick XPS boards with a compressive strength of at least 300 kPa, a thermal conductivity coefficient of $0,040 < 0,045$ W/(m.K), and a smooth surface (on walkable terrace roofs)	m ²	477,66
Thermal Insulation of Soil-Contacting Foundation Curtains and Walls			
15.341.2081	Thermal insulation on the waterproofing of foundation curtains and walls in contact with the soil with 6-cm thick boards (XPS - 300 Kpa pressure resistance) with a thermal conductivity coefficient of $0,030 < 0,035$ W/(m.K).	m ²	372,43
15.341.2082	Thermal insulation on the waterproofing of foundation curtains and walls in contact with the soil with 6-cm thick boards (XPS - 300 Kpa pressure resistance) with a thermal conductivity coefficient of $0,035 < 0,040$ W/(m.K).	m ²	362,19
15.341.2083	Thermal insulation on the waterproofing of foundation curtains and walls in contact with the soil with 6-cm thick boards (XPS - 300 Kpa pressure resistance) with a thermal conductivity coefficient of $0,040 < 0,045$ W/(m.K).	m ²	350,38
15.341.2084	Thermal insulation on the waterproofing of foundation curtains and walls in contact with the soil with 6-cm thick boards (XPS - 400 Kpa pressure resistance) with a thermal conductivity coefficient of $0,030 < 0,035$ W/(m.K).	m ²	480,31
15.341.2085	Thermal insulation on the waterproofing of foundation curtains and walls in contact with the soil with 6-cm thick boards (XPS - 400 Kpa pressure resistance) with a thermal conductivity coefficient of $0,035 < 0,040$ W/(m.K).	m ²	456,69
15.341.2086	Thermal insulation on the waterproofing of foundation curtains and walls in contact with the soil with 6-cm thick boards (XPS - 400 Kpa pressure resistance) with a thermal conductivity coefficient of $0,040 < 0,045$ W/(m.K).	m ²	440,94
Internal Thermal Insulation of Plaster-Coated Walls			

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.341.2101	Internal thermal insulation of walls with 5-cm-thick extruded polystyrene boards (XPS) with a tensile strength perpendicular to the surface at min. 200 kPa and coated with thermal insulation plaster	m ²	951,63
THERMAL AND ACOUSTIC INSULATION WITH ROCK WOOL			
Rock Wool Sheathing			
15.341.3001	Thermal insulation of exterior walls with 5-cm-thick, rock wool boards, with tensile strength perpendicular to the surface at min. 7.5 kPa (TR7,5), coated with thermal insulation plaster (sheathing)	m ²	962,99
15.341.3002	Thermal insulation of exterior walls with 6-cm-thick, rock wool boards, with tensile strength perpendicular to the surface at min. 7.5 kPa (TR7,5), coated with thermal insulation plaster (sheathing)	m ²	997,76
15.341.3003	Thermal insulation of exterior walls with 8-cm-thick, rock wool boards, with tensile strength perpendicular to the surface at min. 7.5 kPa (TR7,5), coated with thermal insulation plaster (sheathing)	m ²	1.067,33
15.341.3004	Thermal insulation of exterior walls with 10-cm-thick, rock wool boards, with tensile strength perpendicular to the surface at min. 7.5 kPa (TR7,5), coated with thermal insulation plaster (sheathing)	m ²	1.139,14
15.341.3021	Thermal insulation on terrace roofs with 8-cm-thick rock wool boards with a compressive strength of at least 60 kPa	m ²	435,00
15.341.3022	Thermal insulation on terrace roofs with 8-cm-thick rock wool boards with a compressive strength of at least 70 kPa	m ²	448,13
15.341.3023	Thermal insulation on terrace roofs with 8-cm-thick rock wool boards with a compressive strength of at least 80 kPa	m ²	513,75
15.341.3024	Thermal insulation on terrace roofs with 8-cm-thick rock wool boards with a compressive strength of at least 90 kPa	m ²	533,44
15.341.3025	Thermal insulation on terrace roofs with 8-cm-thick rock wool boards with a compressive strength of at least 100 kPa	m ²	585,94
Thermal Insulation on Floors Subject to Load			
15.341.3041	Horizontal thermal insulation (floating floor application exposed to load on the ground or mezzanine floor concrete, etc.) with 2.5-cm-thick rock wool boards with a compression strength of at least 10 kPa	m ²	165,94
15.341.3042	Horizontal thermal insulation (floating floor application exposed to load on the ground or mezzanine floor concrete, etc.) with 2.5-cm-thick rock wool boards with a compression strength of at least 15 kPa	m ²	176,44
Thermal Insulation on Floors Not Subject to Load			
15.341.3061	With $0,030 \leq$ thermal conductivity value $< 0.035 \text{ W/(m.K)}$, horizontal thermal insulation (in applications not exposed to load, elevated floor applications, etc.) with 2.5-cm-thick rock wool boards	m ²	92,23
15.341.3062	Horizontal thermal insulation (in applications not exposed to load, elevated floor applications, etc.) with 2.5-cm-thick rock wool boards and a thermal conductivity of $0.035 \leq 0.040 \text{ W/(m.K)}$	m ²	82,36
Thermal and Acoustic Insulation with Rock Wool			
15.341.3081	Thermal and acoustic insulation in suspended ceilings, partition walls and elevated floors with 6-cm-thick rock wool boards (boards with a sound absorption coefficient of (average) ≥ 0.80)	m ²	141,00
15.341.3082	Thermal and acoustic insulation in suspended ceilings, partition walls and elevated floors with 6-cm-thick rock wool boards (boards with a sound absorption coefficient of (average) ≥ 0.90)	m ²	181,95
15.341.3083	Thermal and acoustic insulation in suspended ceilings, partition walls and elevated floors with 6-cm-thick rock wool boards (boards with a sound absorption coefficient of (average) ≥ 1.00)	m ²	222,51
THERMAL AND ACOUSTIC INSULATION WITH GLASS WOOL			
Laying Glass Wool on Garret Flooring Concrete			
15.341.4001	For applications on attic floorings, with $0.035 \leq$ thermal conductivity value $< 0.040 \text{ W/(m.K)}$ and a water insulation cover open to water vapor transmission, laying 8-cm-thick uncoated glass wool mattress	m ²	237,13
15.341.4002	For applications on attic floorings, with $0.040 \leq$ thermal conductivity value $\leq 0.045 \text{ W/(m.K)}$ and a water insulation cover open to water vapor transmission, laying 8-cm-thick uncoated glass wool mattress	m ²	195,13
15.341.4003	For applications on attic floorings, with $0.035 \leq$ thermal conductivity value $< 0.040 \text{ W/(m.K)}$ and a water insulation cover open to water vapor transmission, laying 8-cm-thick glass wool mattress, with one surface coated with glass tissue	m ²	272,56
15.341.4004	For applications on attic floorings, with $0.040 \leq$ thermal conductivity value $\leq 0.045 \text{ W/(m.K)}$ and a water insulation cover open to water vapor transmission, laying 8-cm-thick glass wool mattress, one surface coated with glass tissue	m ²	223,35
15.341.4005	For applications on attic floorings, with $0.035 \leq$ thermal conductivity value $< 0.040 \text{ W/(m.K)}$ and a water insulation cover open to water vapor transmission, laying 16-cm-thick uncoated glass wool mattress	m ²	352,63
15.341.4006	For applications on attic floorings, with $0.040 \leq$ thermal conductivity value $\leq 0.045 \text{ W/(m.K)}$ and a water insulation cover open to water vapor transmission, laying 16-cm-thick uncoated glass wool mattress	m ²	268,63

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.341.4007	For applications on attic floorings, with $0.035 \leq$ thermal conductivity value $< 0.040W/(m.K)$ and a water insulation cover open to water vapor transmission, laying 16-cm-thick glass wool mattress, with one surface coated with glass tissue	m ²	403,81
15.341.4008	For applications on attic floorings, with $0.040 \leq$ thermal conductivity value $\leq 0.045W/(m.K)$ and a water insulation cover open to water vapor transmission, laying 16-cm-thick glass wool mattress, one surface coated with glass tissue	m ²	311,94
Thermal and Acoustic Insulation with Glass Wool			
15.341.4021	Thermal and acoustic insulation in elevated floors, suspended ceilings and other details with 6-cm-thick glass wool mattress (with a sound absorption coefficient of (average) ≥ 0.80)	m ²	160,69
15.341.4022	Thermal and acoustic insulation in elevated floors, suspended ceilings and other details with 6-cm-thick glass wool mattress (with a sound absorption coefficient of (average) ≥ 0.90)	m ²	167,39
15.341.4023	Thermal and acoustic insulation in elevated floors, suspended ceilings and other details with 6-cm-thick glass wool mattress (with a sound absorption coefficient of (average) ≥ 1.00)	m ²	172,50
Thermal and Acoustic Insulation with Glass Wool Boards			
15.341.4041	Thermal and acoustic insulation of partition walls, elevated floors, suspended ceilings, etc. with 6-cm-thick glass wool boards (with a sound absorption coefficient of (average) $\geq 0,80$)	m ²	361,50
15.341.4042	Thermal and acoustic insulation of partition walls, elevated floors, suspended ceilings, etc. with 6-cm-thick glass wool boards (with a sound absorption coefficient of (average) $\geq 0,90$)	m ²	377,25
15.341.4043	Thermal and acoustic insulation of partition walls, elevated floors, suspended ceilings, etc. with 6-cm-thick glass wool boards (with a sound absorption coefficient of (average) ≥ 1.00)	m ²	393,00
SHEATHING WITH AAC THERMAL INSULATION PANELS			
Sheathing with AAC Thermal Insulation Slabs			
15.345.1001	Exterior thermal insulation of exterior walls with 5-cm-thick AAC thermal insulation panels coated with AAC thermal insulation panel plaster (sheathing)	m ²	894,60
15.345.1002	Exterior thermal insulation of exterior walls with 6-cm-thick AAC thermal insulation panels coated with AAC thermal insulation panel plaster (sheathing)	m ²	917,56
15.345.1003	Exterior thermal insulation of exterior walls with 7-cm-thick AAC thermal insulation panels coated with AAC thermal insulation panel plaster (sheathing)	m ²	940,54
15.345.1004	Exterior thermal insulation of exterior walls with 8-cm-thick AAC thermal insulation panels coated with AAC thermal insulation panel plaster (sheathing)	m ²	963,50
15.345.1005	Exterior thermal insulation of exterior walls with 9-cm-thick AAC thermal insulation panels coated with AAC thermal insulation panel plaster (sheathing)	m ²	986,48
15.345.1006	Exterior thermal insulation of exterior walls with 10-cm-thick AAC thermal insulation panels coated with AAC thermal insulation panel plaster (sheathing)	m ²	1.009,44
Thermal Insulation of Ceilings with AAC Thermal Insulation Slabs			
15.345.1101	Thermal insulation of reinforced concrete ceilings with 5-cm-thick AAC thermal insulation slabs (Plaster-free application)	m ²	456,15
15.345.1102	Thermal insulation of reinforced concrete ceilings with 6-cm-thick AAC thermal insulation slabs (Plaster-free application)	m ²	479,11
15.345.1103	Thermal insulation of reinforced concrete ceilings with 7-cm-thick AAC thermal insulation slabs (Plaster-free application)	m ²	502,09
15.345.1104	Thermal insulation of reinforced concrete ceilings with 8-cm-thick AAC thermal insulation slabs (Plaster-free application)	m ²	525,05
15.345.1105	Thermal insulation of reinforced concrete ceilings with 9-cm-thick AAC thermal insulation slabs (Plaster-free application)	m ²	548,03
15.345.1106	Thermal insulation of reinforced concrete ceilings with 10-cm-thick AAC thermal insulation slabs (Plaster-free application)	m ²	570,99
AUXILIARY SHEATHING PROFILES			
15.360.1001	Supply and installation of aluminum corner profiles (meshed)	m	41,04
15.360.1002	Supply and installation of PVC corner profiles (meshed)	m	36,24
15.360.1003	Supply and installation of aluminum corner profiles with splashboard (meshed)	m	56,79
15.360.1004	Supply and installation of PVC corner profiles with splashboard (meshed)	m	42,35
15.360.1005	Supply and installation of aluminum plinth profiles for 3 to 5 cm sheathing	m	77,50
15.360.1006	Supply and installation of PVC-based expansion profiles (meshed) for 3 to 5 cm (including 5 cm) expansion openings	m	163,75

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.360.1007	Supply and installation of self-adhesive mesh PVC Window and Door Attachment Profiles (Joinery Finish Profile)	m	60,73
PVC-BASED FLOORING			
15.365.1001	Leveling of the floor at 2 mm thickness on average with cement-based, self-leveling mortar, and flooring with 2-mm-thick PVC-based flooring materials over the mortar (Homogeneous - Group: P)	m ²	825,58
15.365.1002	Leveling of the floor at 2 mm thickness on average with cement-based, self-leveling mortar, and flooring with 2-mm-thick PVC-based flooring materials over the mortar (Heterogeneous - Group: T)	m ²	746,83
15.365.1003	Leveling of the floor at 2 mm thickness on average with cement-based, self-leveling mortar, and flooring with 2-mm-thick PVC-based flooring materials over the mortar (Heterogeneous - Group: T)	m ²	812,45
15.365.1004	Leveling of the floor at 2 mm thickness on average with cement-based, self-leveling mortar, and flooring with 2-mm-thick PVC-based flooring materials over the mortar (Homogeneous - Group: P)	m ²	1.002,76
15.365.1005	Leveling of the floor at 2 mm thickness on average with cement-based, self-leveling mortar, and flooring with 2-mm-thick PVC-based flooring materials over the mortar (Heterogeneous - Group: T)	m ²	1.009,33
15.365.1006	Leveling of the floor at 2 mm thickness on average with cement-based, self-leveling mortar, and flooring with 2-mm-thick PVC-based flooring materials over the mortar (Heterogeneous - Group: T)	m ²	1.140,58
15.365.1007	Leveling of the floor at 2 mm thickness on average with cement-based, self-leveling mortar, and flooring with 3-mm-thick PVC-based flooring materials over the mortar (Heterogeneous - Group: T)	m ²	904,33
15.365.1008	Leveling of the floor at 2 mm thickness on average with cement-based, self-leveling mortar, and flooring with 2-mm-thick PVC-based flooring materials over the mortar (Homogeneous - Group: T)	m ²	943,70
15.365.1009	Leveling of the floor at 2 mm thickness on average with cement-based, self-leveling mortar, and flooring with 2-mm-thick PVC-based flooring materials over the mortar (Homogeneous - Group: T)	m ²	1.101,20
15.365.1021	Leveling of the floor at 2 mm thickness on average with plaster-based, self-leveling mortar, and flooring with 2-mm-thick PVC-based flooring materials over the mortar (Homogeneous - Group: P)	m ²	807,63
15.365.1022	Leveling of the floor at 2 mm thickness on average with plaster-based, self-leveling mortar, and flooring with 2-mm-thick PVC-based flooring materials over the mortar (Heterogeneous - Group: T)	m ²	728,88
15.365.1023	Leveling of the floor at 2 mm thickness on average with plaster-based, self-leveling mortar, and flooring with 2-mm-thick PVC-based flooring materials over the mortar (Heterogeneous - Group: T)	m ²	794,50
15.365.1024	Leveling of the floor at 2 mm thickness on average with plaster-based, self-leveling mortar, and flooring with 2-mm-thick PVC-based floor tile materials over the mortar (Homogeneous - Group: P)	m ²	984,81
15.365.1025	Leveling of the floor at 2 mm thickness on average with plaster-based, self-leveling mortar, and flooring with 2-mm-thick PVC-based flooring materials over the mortar (Heterogeneous - Group: T)	m ²	991,38
15.365.1026	Leveling of the floor at 2 mm thickness on average with plaster-based, self-leveling mortar, and flooring with 2-mm-thick PVC-based flooring materials over the mortar (Heterogeneous - Group: T)	m ²	1.122,63

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.365.1027	Leveling of the floor at 2 mm thickness on average with plaster-based, self-leveling mortar, and flooring with 3-mm-thick PVC-based flooring materials over the mortar (Heterogeneous - Group: T)	m ²	886,38
15.365.1028	Leveling of the floor at 2 mm thickness on average with plaster-based, self-leveling mortar, and flooring with 2-mm-thick PVC-based flooring materials over the mortar (Homogeneous - Group: T)	m ²	925,75
15.365.1029	Leveling of the floor at 2 mm thickness on average with plaster-based, self-leveling mortar, and flooring with 2-mm-thick PVC-based floor tile materials over the mortar (Homogeneous - Group: T)	m ²	1.083,25
PVC-BASED INDOOR SPORTS FLOORING			
15.365.1101	Leveling of the floor at 2 mm thickness on average with cement-based, self-leveling mortar, and flooring with PVC-based flooring materials for sports over the mortar for sports hall floors (P1)	m ²	1.643,08
15.365.1102	Leveling of the floor at 2 mm thickness on average with cement-based, self-leveling mortar, and flooring with PVC-based flooring materials for sports over the mortar for sports hall floors (P2)	m ²	2.036,83
15.365.1103	Leveling of the floor at 2 mm thickness on average with cement-based, self-leveling mortar, and flooring with PVC-based flooring materials for sports over the mortar for sports hall floors (P3)	m ²	2.561,83
15.365.1111	Leveling of the floor at 2 mm thickness on average with plaster-based, self-leveling mortar, and flooring with PVC-based flooring materials for sports over the mortar for sports hall floors (P1)	m ²	1.625,13
15.365.1112	Leveling of the floor at 2 mm thickness on average with plaster-based, self-leveling mortar, and flooring with PVC-based flooring materials for sports over the mortar for sports hall floors (P2)	m ²	2.018,88
15.365.1113	Leveling of the floor at 2 mm thickness on average with plaster-based, self-leveling mortar, and flooring with PVC-based flooring materials for sports over the mortar for sports hall floors (P3)	m ²	2.543,88
LINOLEUM FLOORING			
15.365.1501	Leveling of the floor at 2 mm thickness on average with cement-based, self-leveling mortar, and 2-mm-thick linoleum flooring over the mortar (Class 32-41)	m ²	944,83
15.365.1502	Leveling of the floor at 2 mm thickness on average with cement-based, self-leveling mortar, and 2.5-mm-thick linoleum flooring over the mortar (Class 34-43)	m ²	885,76
15.365.1503	Leveling of the floor at 2 mm thickness on average with cement-based, self-leveling mortar, and 3.2-mm-thick linoleum flooring over the mortar (Class 34-43)	m ²	1.141,70
15.365.1511	Leveling of the floor at 2 mm thickness on average with plaster-based, self-leveling mortar, and 2-mm-thick linoleum flooring over the mortar (Class 32-41)	m ²	926,88
15.365.1512	Leveling of the floor at 2 mm thickness on average with plaster-based, self-leveling mortar, and 2.5-mm-thick linoleum flooring over the mortar (Class 34-43)	m ²	867,81
15.365.1513	Leveling of the floor at 2 mm thickness on average with plaster-based, self-leveling mortar, and 3.2-mm-thick linoleum flooring over the mortar (Class 34-43)	m ²	1.123,75
PVC BASEBOARD			
15.365.1701	Supply and installation of PVC-based flexible baseboards	m	57,25
15.365.1702	Supply and installation of PVC-based self-rotational capped baseboards	m	77,88
TRANSITION PROFILES			
15.365.1751	Supply and installation of (4-cm-wide) PVC-based crossover profiles	m	131,25
15.365.1752	Supply and installation of (4-cm-wide) aluminum-based crossover profiles	m	172,50
FLOORING AND WALL PANELING WITH CERAMIC TILES			
Flooring with Ceramic Floor Tiles			
15.375.1002	Flooring with 3 mm joints using first quality, white ceramic floor tiles in 30 x 30 cm or 33 x 33cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	514,54
15.375.1003	Flooring with 3 mm joints using first quality, white ceramic floor tiles in 40 x 40 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	551,55
15.375.1004	Flooring with 3 mm joints using first quality, white ceramic floor tiles in 42.5 x 42.5 cm or 45 x 45 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	558,18
15.375.1052	Flooring with 3 mm joints using first quality, colored ceramic floor tiles in 30 x 30 cm or 33 x 33 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	523,73

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.375.1053	Flooring with 3 mm joints using first quality, colored ceramic floor tiles in 40 x 40 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	568,78
15.375.1054	Flooring with 3 mm joints using first quality, colored ceramic floor tiles in 42.5 x 42.5 cm or 45 x 45 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	568,78
Tiling of Walls with Ceramic Wall Tiles			
15.380.1003	Tiling of walls with 3 mm joints using first quality, white ceramic wall tiles in 20 x 25 cm or 20 x 30 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	586,48
15.380.1005	Tiling of walls with 3 mm joints using first quality, white ceramic wall tiles in 25 x 33 cm or 25 x 40 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	566,79
15.380.1006	Tiling of walls with 3 mm joints using first quality, white ceramic wall tiles in 20 x 60 cm, 30 x 60 cm or 33 x 60 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	663,63
15.380.1007	Tiling of walls with 3 mm joints using first quality, white ceramic wall tiles in 20 x 50 cm, 25 x 50 cm, 30 x 45 cm or 33 x 45 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	584,85
15.380.1053	Tiling of walls with 3 mm joints using first quality, colored ceramic wall tiles in 20 x 25 cm or 20 x 30 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	603,54
15.380.1055	Tiling of walls with 3 mm joints using first quality, colored ceramic wall tiles in 25 x 33 cm or 25 x 40 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	573,35
15.380.1056	Tiling of walls with 3 mm joints using first quality, colored ceramic wall tiles in 20 x 60 cm, 30 x 60 cm or 33 x 60 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	678,20
15.380.1057	Tiling of walls with 3 mm joints using first quality, colored ceramic wall tiles in 20 x 50 cm, 25 x 50 cm, 30 x 45 cm or 33 x 45 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	600,60
Flooring and Wall Paneling with Glazed Porcelain Tiles			
15.385.1004	Flooring with 3 mm joint gaps using first quality, white, glazed porcelain tiles in 30 x 30 cm or 33 x 33 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	641,98
15.385.1005	Flooring with 3 mm joint gaps using first quality, white, glazed porcelain tiles in 40 x 40 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	660,63
15.385.1006	Flooring with 3 mm joint gaps using first quality, white, glazed porcelain tiles in 42.5 x 42.5 cm or 45 x 45 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	660,63
15.385.1008	Flooring with 3 mm joint gaps using first quality, white, glazed porcelain tiles in 60 x 60 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	725,55
15.385.1009	Flooring with 3 mm joint gaps using first quality, white, glazed porcelain tiles in 15 x 60 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	790,48
15.385.1010	Flooring with 3 mm joint gaps using first quality, white, glazed porcelain tiles in 30 x 60 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	736,15
15.385.1024	Flooring with 3 mm joint gaps using first quality, colored, glazed porcelain tiles in 30 x 30 cm or 33 x 33 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	656,41
15.385.1025	Flooring with 3 mm joint gaps using first quality, colored, glazed porcelain tiles in 40 x 40 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	677,85
15.385.1026	Flooring with 3 mm joint gaps using first quality, colored, glazed porcelain tiles in 42.5 x 42.5 cm or 45 x 45 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	677,85
15.385.1028	Flooring with 3 mm joint gaps using first quality, colored, glazed porcelain tiles in 60 x 60 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	736,15
15.385.1029	Flooring with 3 mm joint gaps using first quality, colored, glazed porcelain tiles in 15 x 60 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	801,08
15.385.1030	Flooring with 3 mm joint gaps using first quality, colored, glazed porcelain tiles in 30 x 60 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	760,00
15.385.1043	Wall and facade tiling with 3 mm joint gaps using first quality, white, glazed porcelain tiles in 20 x 20 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	706,04
15.385.1044	Wall and facade tiling with 3 mm joint gaps using first quality, white, glazed porcelain tiles in 30 x 30 cm or 33 x 33 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	673,23
15.385.1045	Wall and facade tiling with 3 mm joint gaps using first quality, white, glazed porcelain tiles in 40 x 40 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	691,88
15.385.1046	Wall and facade tiling with 3 mm joint gaps using first quality, white, glazed porcelain tiles in 42.5 x 42.5 cm or 45 x 45 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	691,88

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.385.1049	Wall and facade tiling with 3 mm joint gaps using first quality, white, glazed porcelain tiles in 15 x 60 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	821,73
15.385.1050	Wall and facade tiling with 3 mm joint gaps using first quality, white, glazed porcelain tiles in 30 x 60 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	767,40
15.385.1063	Wall and facade tiling with 3 mm joint gaps using first quality, colored, glazed porcelain tiles in 20 x 20 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	732,29
15.385.1064	Wall and facade tiling with 3 mm joint gaps using first quality, colored, glazed porcelain tiles in 30 x 30 cm or 33 x 33 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	687,66
15.385.1065	Wall and facade tiling with 3 mm joint gaps using first quality, colored, glazed porcelain tiles in 40 x 40 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	709,10
15.385.1066	Wall and facade tiling with 3 mm joint gaps using first quality, colored, glazed porcelain tiles in 42.5 x 42.5 cm or 45 x 45 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	709,10
15.385.1069	Wall and facade tiling with 3 mm joint gaps using first quality, colored, glazed porcelain tiles in 15 x 60 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	832,33
15.385.1070	Wall and facade tiling with 3 mm joint gaps using first quality, colored, glazed porcelain tiles in 30 x 60 cm nominal dimensions and with any pattern and surface characteristics (using tile adhesive)	m ²	791,25
Flooring and Wall Tiling with Non-glazed Porcelain Tiles			
15.390.1004	Flooring with 3 mm joint gaps using first quality, matte, non-glazed porcelain tiles in 30 x 30 cm or 33 x 33 cm nominal dimensions and with any color, pattern and surface characteristics (using tile adhesive)	m ²	681,35
15.390.1005	Flooring with 3 mm joint gaps using first quality, matte, non-glazed porcelain tiles in 40 x 40 cm nominal dimensions and with any color, pattern and surface characteristics (using tile adhesive)	m ²	713,63
15.390.1006	Flooring with 3 mm joint gaps using first quality, matte, non-glazed, rectified porcelain tiles in 42.5 x 42.5 cm or 45 x 45 cm nominal dimensions and with any color, pattern and surface characteristics (using tile adhesive)	m ²	787,83
15.390.1008	Flooring with 3 mm joint gaps using first quality, rectified, matte, non-glazed porcelain tiles in 60 x 60 cm nominal dimensions and with any color, pattern and surface characteristics (using tile adhesive)	m ²	856,73
15.390.1009	Flooring with 3 mm joint gaps using first quality, rectified, matte, non-glazed porcelain tiles in 15 x 60 cm nominal dimensions and with any color, pattern and surface characteristics (using tile adhesive)	m ²	856,73
15.390.1010	Flooring with 3 mm joint gaps using first quality, rectified, matte, non-glazed porcelain tiles in 30 x 60 cm nominal dimensions and with any color, pattern and surface characteristics (using tile adhesive)	m ²	863,35
15.390.1024	Flooring with 3 mm joint gaps using first quality, rectified, glossy, non-glazed porcelain tiles in 30 x 30 cm or 33 x 33 cm nominal dimensions and with any color, pattern and surface characteristics (using tile adhesive)	m ²	786,35
15.390.1025	Flooring with 3 mm joint gaps using first quality, rectified, glossy, non-glazed porcelain tiles in 40 x 40 cm nominal dimensions and with any color, pattern and surface characteristics (using tile adhesive)	m ²	824,93
15.390.1026	Flooring with 3 mm joint gaps using first quality, glossy, non-glazed, rectified porcelain tiles in 42.5 x 42.5 cm or 45 x 45 cm nominal dimensions and with any color, pattern and surface characteristics (using tile adhesive)	m ²	922,98
15.390.1028	Flooring with 3 mm joint gaps using first quality, rectified, glossy, non-glazed porcelain tiles in 60 x 60 cm nominal dimensions and with any color, pattern and surface characteristics (using tile adhesive)	m ²	991,88
15.390.1029	Flooring with 3 mm joint gaps using first quality, rectified, glossy, non-glazed porcelain tiles in 15 x 60 cm nominal dimensions and with any color, pattern and surface characteristics (using tile adhesive)	m ²	999,83
15.390.1030	Flooring with 3 mm joint gaps using first quality, rectified, glossy, non-glazed porcelain tiles in 30 x 60 cm nominal dimensions and with any color, pattern and surface characteristics (using tile adhesive)	m ²	1.035,60
15.390.1043	Wall and facade tiling with 3 mm joint gaps using first quality, matte, non-glazed porcelain tiles in 20 x 20 cm nominal dimensions and with any color, pattern and surface characteristics (using tile adhesive)	m ²	757,23
15.390.1044	Wall and facade tiling with 3 mm joint gaps using first quality, matte, non-glazed porcelain tiles in 30 x 30 cm or 33 x 33 cm nominal dimensions and with any color, pattern and surface characteristics (using tile adhesive)	m ²	712,60
15.390.1045	Wall and facade tiling with 3 mm joint gaps using first quality, matte, non-glazed porcelain tiles in 40 x 40 cm nominal dimensions and with any color, pattern and surface characteristics (using tile adhesive)	m ²	744,88
15.390.1046	Wall and facade tiling with 3 mm joint gaps using first quality, matte, non-glazed, rectified porcelain tiles in 42.5 x 42.5 cm or 45 x 45 cm nominal dimensions and with any color, pattern and surface characteristics (using tile adhesive)	m ²	819,08
15.390.1049	Wall and facade tiling with 3 mm joint gaps using first quality, rectified, matte, non-glazed porcelain tiles in 15 x 60 cm nominal dimensions and with any color, pattern and surface characteristics (using tile adhesive)	m ²	887,98
15.390.1050	Wall and facade tiling with 3 mm joint gaps using first quality, rectified, matte, non-glazed porcelain tiles in 30 x 60 cm nominal dimensions and with any color, pattern and surface characteristics (using tile adhesive)	m ²	894,60

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.390.1063	Wall and facade tiling with 3 mm joint gaps using first quality, rectified, glossy, non-glazed porcelain tiles in 20 x 20 cm nominal dimensions and with any color, pattern and surface characteristics (using tile adhesive)	m ²	862,23
15.390.1064	Wall and facade tiling with 3 mm joint gaps using first quality, rectified, glossy, non-glazed porcelain tiles in 30 x 30 cm or 33 x 33 cm nominal dimensions and with any color, pattern and surface characteristics (using tile adhesive)	m ²	817,60
15.390.1065	Wall and facade tiling with 3 mm joint gaps using first quality, rectified, glossy, non-glazed porcelain tiles in 40 x 40 cm nominal dimensions and with any color, pattern and surface characteristics (using tile adhesive)	m ²	856,18
15.390.1066	Wall and facade tiling with 3 mm joint gaps using first quality, glossy, non-glazed, rectified porcelain tiles in 42.5 x 42.5 cm or 45 x 45 cm nominal dimensions and with any color, pattern and surface characteristics (using tile adhesive)	m ²	954,23
15.390.1069	Wall and facade tiling with 3 mm joint gaps using first quality, rectified, glossy, non-glazed porcelain tiles in 15 x 60 cm nominal dimensions and with any color, pattern and surface characteristics (using tile adhesive)	m ²	1.031,08
15.390.1070	Wall and facade tiling with 3 mm joint gaps using first quality, rectified, glossy, non-glazed porcelain tiles in 30 x 60 cm nominal dimensions and with any color, pattern and surface characteristics (using tile adhesive)	m ²	1.066,85
TERRAZZO FLOORING (INTERIOR)			
With Marble Aggregate (Interior)			
15.400.1011	Interior flooring with marble aggregate terrazzo tiles (Breaking Load Conditions (Class 1) Surface area ≤ 1100 cm ² , honed or polished)	m ²	1.327,13
15.400.1012	Interior flooring with marble aggregate terrazzo tiles (Breaking Load Conditions (Class 1) Surface area > 1100 cm ² , honed or polished)	m ²	1.380,94
15.400.1013	Interior flooring with marble aggregate terrazzo tiles (Breaking Load Conditions (Class 2) (Surface area ≤ 1100 cm ² , and breaking strength $> 2,5$ kN, honed or polished)	m ²	1.365,19
15.400.1014	Interior flooring with marble aggregate terrazzo tiles (Breaking Load Conditions (Class 3) $1100 < \text{Surface area} < 1,800$ cm ² , and breaking strength > 3 kN, honed or polished)	m ²	1.392,75
15.400.1015	Interior flooring with marble aggregate terrazzo tiles (Breaking Load Conditions (Class 3) Surface area ≥ 1800 cm ² , breaking strength > 3 kN, honed or polished)	m ²	1.552,88
With Granite Aggregate (Interior)			
15.400.1111	Interior flooring with granite aggregate terrazzo tiles (Breaking Load Conditions (Class 1) Surface area ≤ 1100 cm ² , honed or polished)	m ²	1.487,25
15.400.1112	Interior flooring with granite aggregate terrazzo tiles (Breaking Load Conditions (Class 1) Surface area > 1100 cm ² , honed or polished)	m ²	1.525,31
15.400.1113	Interior flooring with granite aggregate terrazzo tiles (Breaking Load Conditions (Class 2) (Surface area ≤ 1100 cm ² , and breaking strength $> 2,5$ kN, honed or polished)	m ²	1.524,00
15.400.1114	Interior flooring with granite aggregate terrazzo tiles (Breaking Load Conditions (Class 3) $1100 < \text{Surface area} < 1,800$ cm ² , and breaking strength > 3 kN, honed or polished)	m ²	1.552,88
15.400.1115	Interior flooring with granite aggregate terrazzo tiles (Breaking Load Conditions (Class 3) Surface area ≥ 1800 cm ² , breaking strength > 3 kN, honed or polished)	m ²	1.659,19
With Quartz-Silica + Marble Aggregate (Interior)			
15.400.1211	Interior flooring with quartz-silica + marble aggregate terrazzo tiles (Breaking Load Conditions (Class 1) Surface area ≤ 1100 cm ² , honed or polished)	m ²	1.487,25
15.400.1212	Interior flooring with quartz-silica + marble aggregate terrazzo tiles (Breaking Load Conditions (Class 1) Surface area > 1100 cm ² , honed or polished)	m ²	1.525,31
15.400.1213	Interior flooring with quartz-silica + marble aggregate terrazzo tiles (Breaking Load Conditions (Class 2) (Surface area ≤ 1100 cm ² , and breaking strength $> 2,5$ kN, honed or polished)	m ²	1.524,00
15.400.1214	Interior flooring with quartz-silica + marble aggregate terrazzo tiles (Breaking Load Conditions (Class 3) $1100 < \text{Surface area} < 1,800$ cm ² , and breaking strength > 3 kN, honed or polished)	m ²	1.552,88
15.400.1215	Interior flooring with quartz-silica + marble aggregate terrazzo tiles (Breaking Load Conditions (Class 3) Surface area ≥ 1800 cm ² , breaking strength > 3 kN, honed or polished)	m ²	1.659,19
With Quartz-Silica Aggregate (Interior)			
15.400.1311	Interior flooring with quartz-silica aggregate terrazzo tiles (Breaking Load Conditions (Class 1) Surface area ≤ 1100 cm ² , honed or polished)	m ²	2.033,25
15.400.1312	Interior flooring with quartz-silica aggregate terrazzo tiles (Breaking Load Conditions (Class 1) Surface area > 1100 cm ² , honed or polished)	m ²	2.098,88
15.400.1313	Interior flooring with quartz-silica aggregate terrazzo tiles (Breaking Load Conditions (Class 2) (Surface area ≤ 1100 cm ² , and breaking strength $> 2,5$ kN, honed or polished)	m ²	2.098,88
15.400.1314	Interior flooring with quartz-silica aggregate terrazzo tiles (Breaking Load Conditions (Class 3) $1100 \text{ cm}^2 < \text{Surface area} < 1,800$ cm ² , and breaking strength > 3 kN, honed or polished)	m ²	2.151,38

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.400.1315	Interior flooring with quartz-silica aggregate terrazzo tiles (Breaking Load Conditions (Class 3) Surface area $\geq 1800 \text{ cm}^2$, breaking strength $> 3 \text{ kN}$, honed or polished)	m ²	2.272,13
TERRAZZO FLOORING (EXTERIOR)			
Cement Tiles (Exterior)			
15.405.1011	Exterior flooring with terrazzo cement tiles (Breaking Strength Conditions (Class 1), Min. 2.8 Mpa bending strength, Abrasion strength class (2-G), Surface area $\leq 1600 \text{ cm}^2$, grooved - non-grooved, any color)	m ²	1.312,69
15.405.1012	Exterior flooring with terrazzo cement tiles (Breaking Strength Conditions (Class 1), Min. 2.8 Mpa bending strength, Abrasion strength class (2-G), $1600 \text{ cm}^2 < \text{Surface Area} \leq 3600 \text{ cm}^2$, grooved - non-grooved, any color)	m ²	1.380,94
15.405.1013	Exterior flooring with terrazzo cement tiles (Breaking Strength Conditions (Class 2), Min. 3.2 Mpa bending strength, Abrasion strength class (3-H), Surface area $\leq 1600 \text{ cm}^2$, grooved - non-grooved, any color)	m ²	1.365,19
15.405.1014	Exterior flooring with terrazzo cement tiles (Breaking Strength Conditions (Class 2), Min. 3.2 Mpa bending strength, Abrasion strength class (3-H), $1600 \text{ cm}^2 < \text{Surface Area} \leq 3600 \text{ cm}^2$, grooved - non-grooved, any color)	m ²	1.459,69
15.405.1015	Exterior flooring with terrazzo cement tiles (Breaking Strength Conditions (Class 3), Min. 4.0 Mpa bending strength, Abrasion strength class (4-I), Surface area $\leq 1600 \text{ cm}^2$, grooved - non-grooved, any color)	m ²	1.446,56
15.405.1016	Exterior flooring with terrazzo cement tiles (Breaking Strength Conditions (Class 3), Min. 4.0 Mpa bending strength, Abrasion strength class (4-I), $1600 \text{ cm}^2 < \text{Surface area} \leq 3600 \text{ cm}^2$, grooved - non-grooved, any color)	m ²	1.543,69
With Marble Aggregate (Exterior)			
15.405.1111	Exterior flooring with marble aggregate terrazzo tiles (Breaking Strength Conditions (Class 1), min. 2.8 Mpa bending strength, Abrasion strength class (2-G), Surface area $\leq 1600 \text{ cm}^2$, With any surface treatment)	m ²	1.365,19
15.405.1112	Exterior flooring with marble aggregate terrazzo tiles (Breaking Strength Conditions (Class 1), min. 2.8 Mpa bending strength, Abrasion strength class (2-G), $1600 \text{ cm}^2 < \text{Surface area} \leq 3600 \text{ cm}^2$, With any surface treatment)	m ²	1.433,44
15.405.1113	Exterior flooring with marble aggregate terrazzo tiles (Breaking Strength Conditions (Class 2), min. 3.2 Mpa bending strength, Abrasion strength class (3-H), Surface area $\leq 1600 \text{ cm}^2$, With any surface treatment)	m ²	1.433,44
15.405.1114	Exterior flooring with marble aggregate terrazzo tiles (Breaking Strength Conditions (Class 2), min. 3.2 Mpa bending strength, Abrasion strength class (3-H), $1600 \text{ cm}^2 < \text{Surface area} \leq 3600 \text{ cm}^2$, With any surface treatment)	m ²	1.539,75
15.405.1115	Exterior flooring with marble aggregate terrazzo tiles (Breaking Strength Conditions (Class 3), min. 4.0 Mpa bending strength, Abrasion strength class (4-I), Surface area $\leq 1600 \text{ cm}^2$, With any surface treatment)	m ²	1.525,31
15.405.1116	Exterior flooring with marble aggregate terrazzo tiles (Breaking Strength Conditions (Class 3), min. 4.0 Mpa bending strength, Abrasion strength class (4-I), $1600 \text{ cm}^2 < \text{Surface area} \leq 3600 \text{ cm}^2$, With any surface treatment)	m ²	1.606,69
With Granite Aggregate (Exterior)			
15.405.1211	Exterior flooring with granite aggregate terrazzo tiles (Breaking Strength Conditions (Class 1), min. 2.8 Mpa bending strength, Abrasion strength class (2-G), Surface area $\leq 1600 \text{ cm}^2$, With any surface treatment)	m ²	1.459,69
15.405.1212	Exterior flooring with granite aggregate terrazzo tiles (Breaking Strength Conditions (Class 1), min. 2.8 Mpa bending strength, Abrasion strength class (2-G), $1600 \text{ cm}^2 < \text{Surface area} \leq 3600 \text{ cm}^2$, With any surface treatment)	m ²	1.539,75
15.405.1213	Exterior flooring with granite aggregate terrazzo tiles (Breaking Strength Conditions (Class 2), min. 3.2 Mpa bending strength, Abrasion strength class (3-H), Surface area $\leq 1600 \text{ cm}^2$, With any surface treatment)	m ²	1.539,75
15.405.1214	Exterior flooring with granite aggregate terrazzo tiles (Breaking Strength Conditions (Class 2), min. 3.2 Mpa bending strength, Abrasion strength class (3-H), $1600 \text{ cm}^2 < \text{Surface area} \leq 3600 \text{ cm}^2$, With any surface treatment)	m ²	1.631,63
15.405.1215	Exterior flooring with granite aggregate terrazzo tiles (Breaking Strength Conditions (Class 3), min. 4.0 Mpa bending strength, Abrasion strength class (4-I), Surface area $\leq 1600 \text{ cm}^2$, With any surface treatment)	m ²	1.606,69
15.405.1216	Exterior flooring with granite aggregate terrazzo tiles (Breaking Strength Conditions (Class 3), min. 4.0 Mpa bending strength, Abrasion strength class (4-I), $1600 \text{ cm}^2 < \text{Surface area} \leq 3600 \text{ cm}^2$, With any surface treatment)	m ²	1.713,00

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
With Andesite Aggregate (Exterior)			
15.405.1311	Exterior flooring with andesite aggregate terrazzo tiles (Breaking Strength Conditions (Class 1), min. 2.8 Mpa bending strength, Abrasion strength class (2-G), Surface area $\leq 1600 \text{ cm}^2$, With any surface treatment)	m ²	1.433,44
15.405.1312	Exterior flooring with andesite aggregate terrazzo tiles (Breaking Strength Conditions (Class 1), min. 2.8 Mpa bending strength, Abrasion strength class (2-G), $1600 \text{ cm}^2 < \text{Surface area} \leq 3600 \text{ cm}^2$, With any surface treatment)	m ²	1.525,31
15.405.1313	Exterior flooring with andesite aggregate terrazzo tiles (Breaking Strength Conditions (Class 2), min. 3.2 Mpa bending strength, Abrasion strength class (3-H), Surface area $\leq 1600 \text{ cm}^2$, With any surface treatment)	m ²	1.472,81
15.405.1314	Exterior flooring with andesite aggregate terrazzo tiles (Breaking Strength Conditions (Class 2), min. 3.2 Mpa bending strength, Abrasion strength class (3-H), $1600 \text{ cm}^2 < \text{Surface area} \leq 3600 \text{ cm}^2$, With any surface treatment)	m ²	1.579,13
15.405.1315	Exterior flooring with andesite aggregate terrazzo tiles (Breaking Strength Conditions (Class 3), min. 4.0 Mpa bending strength, Abrasion strength class (4-I), Surface area $\leq 1600 \text{ cm}^2$, With any surface treatment)	m ²	1.560,75
15.405.1316	Exterior flooring with andesite aggregate terrazzo tiles (Breaking Strength Conditions (Class 3), min. 4.0 Mpa bending strength, Abrasion strength class (4-I), $1600 \text{ cm}^2 < \text{Surface area} \leq 3600 \text{ cm}^2$, With any surface treatment)	m ²	1.660,50
With Basalt Aggregate (Exterior)			
15.405.1411	Exterior flooring with basalt aggregate terrazzo tiles (Breaking Strength Conditions (Class 1), min. 2.8 Mpa bending strength, Abrasion strength class (2-G), Surface area $\leq 1600 \text{ cm}^2$, With any surface treatment)	m ²	1.392,75
15.405.1412	Exterior flooring with basalt aggregate terrazzo tiles (Breaking Strength Conditions (Class 1), min. 2.8 Mpa bending strength, Abrasion strength class (2-G), $1600 \text{ cm}^2 < \text{Surface area} \leq 3600 \text{ cm}^2$, With any surface treatment)	m ²	1.459,69
15.405.1413	Exterior flooring with basalt aggregate terrazzo tiles (Breaking Strength Conditions (Class 2), min. 3.2 Mpa bending strength, Abrasion strength class (3-H), Surface area $\leq 1600 \text{ cm}^2$, With any surface treatment)	m ²	1.472,81
15.405.1414	Exterior flooring with basalt aggregate terrazzo tiles (Breaking Strength Conditions (Class 2), min. 3.2 Mpa bending strength, Abrasion strength class (3-H), $1600 < \text{Surface area} \leq 3600 \text{ cm}^2$, With any surface treatment)	m ²	1.579,13
15.405.1415	Exterior flooring with basalt aggregate terrazzo tiles (Breaking Strength Conditions (Class 3), min. 4.0 Mpa bending strength, Abrasion strength class (4-I), Surface area $\leq 1600 \text{ cm}^2$, With any surface treatment)	m ²	1.543,69
15.405.1416	Exterior flooring with basalt aggregate terrazzo tiles (Breaking Strength Conditions (Class 3), min. 4.0 Mpa bending strength, Abrasion strength class (4-I), $1600 \text{ cm}^2 < \text{Surface area} \leq 3600 \text{ cm}^2$, With any surface treatment)	m ²	1.644,75
With quartz-silica aggregate (exterior)			
15.405.1511	Exterior flooring with quartz-silica aggregate terrazzo tiles (Breaking Strength Conditions (Class 1), min. 2.8 Mpa bending strength, Abrasion strength class (2-G), Surface area $\leq 1600 \text{ cm}^2$, With any surface treatment)	m ²	1.593,56
15.405.1512	Exterior flooring with quartz-silica aggregate terrazzo tiles (Breaking Strength Conditions (Class 1), min. 2.8 Mpa bending strength, Abrasion strength class (2-G), $1600 \text{ cm}^2 < \text{Surface area} \leq 3600 \text{ cm}^2$, With any surface treatment)	m ²	1.672,31
15.405.1513	Exterior flooring with quartz-silica aggregate terrazzo tiles (Breaking Strength Conditions (Class 2), min. 3.2 Mpa bending strength, Abrasion strength class (3-H), Surface area $\leq 1600 \text{ cm}^2$, With any surface treatment)	m ²	1.672,31
15.405.1514	Exterior flooring with quartz-silica aggregate terrazzo tiles (Breaking Strength Conditions (Class 2), min. 3.2 Mpa bending strength, Abrasion strength class (3-H), $1600 \text{ cm}^2 < \text{Surface area} \leq 3600 \text{ cm}^2$, With any surface treatment)	m ²	1.726,13
15.405.1515	Exterior flooring with quartz-silica aggregate terrazzo tiles (Breaking Strength Conditions (Class 3), min. 4.0 Mpa bending strength, Abrasion strength class (4-I), Surface area $\leq 1600 \text{ cm}^2$, With any surface treatment)	m ²	1.726,13
15.405.1516	Exterior flooring with quartz-silica aggregate terrazzo tiles (Breaking Strength Conditions (Class 3), min. 4.0 Mpa bending strength, Abrasion strength class (4-I), $1600 \text{ cm}^2 < \text{Surface area} \leq 3600 \text{ cm}^2$, With any surface treatment)	m ²	1.791,75
Wash Concrete (Exterior)			

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.405.1611	Exterior flooring with wash concrete surface-treated terrazzo tiles (Breaking Strength Conditions (Class 1), min. 2.8 Mpa bending strength, Abrasion strength class (2-G), Surface area $\leq 1600 \text{ cm}^2$)	m ²	1.353,38
15.405.1612	Exterior flooring with wash concrete surface-treated terrazzo tiles (Breaking Strength Conditions (Class 1), min. 2.8 Mpa bending strength, Abrasion strength class (2-G), $1600 \text{ cm}^2 < \text{Surface area} \leq 3600 \text{ cm}^2$)	m ²	1.433,44
15.405.1613	Exterior flooring with wash concrete surface-treated terrazzo tiles (Breaking Strength Conditions (Class 2), min. 3.2 Mpa bending strength, Abrasion strength class (3-H), Surface area $\leq 1600 \text{ cm}^2$)	m ²	1.525,31
15.405.1614	Exterior flooring with wash concrete surface-treated terrazzo tiles (Breaking Strength Conditions (Class 2), min. 3.2 Mpa bending strength, Abrasion strength class (3-H), $1600 \text{ cm}^2 < \text{Surface area} \leq 3600 \text{ cm}^2$)	m ²	1.566,00
15.405.1615	Exterior flooring with wash concrete surface-treated terrazzo tiles (Breaking Strength Conditions (Class 3), min. 4.0 Mpa bending strength, Abrasion strength class (4-I), Surface area $\leq 1600 \text{ cm}^2$)	m ²	1.552,88
15.405.1616	Exterior flooring with wash concrete surface-treated terrazzo tiles (Breaking Strength Conditions (Class 3), min. 4.0 Mpa bending strength, Abrasion strength class (4-I), $1600 \text{ cm}^2 < \text{Surface area} \leq 3600 \text{ cm}^2$)	m ²	1.631,63
Terrazzo Baseboard			
15.405.1701	Manufacture and installation of baseboard made of terrazzo tiles, with 6 to 10 cm height, any thickness (With any surface treatment)	m	220,15
MARBLE COATING			
Flooring with white marble sheets			
15.410.1011	Flooring with 2-cm-thick white marble sheets (2 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	1.664,69
15.410.1012	Flooring with 2-cm-thick white marble sheets (2 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	1.802,50
15.410.1013	Flooring with 3-cm-thick white marble sheets (3 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	1.754,06
15.410.1014	Flooring with 3-cm-thick white marble sheets (3 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	1.891,88
15.410.1015	Flooring with 4-cm-thick white marble sheets (4 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	1.819,06
15.410.1016	Flooring with 4-cm-thick white marble sheets (4 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	1.956,88
15.410.1017	Flooring with 5-cm-thick white marble sheets (5 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	1.871,88
15.410.1018	Flooring with 5-cm-thick white marble sheets (5 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	2.009,69
Flooring with colored marble sheets			
15.410.1111	Flooring with 2-cm-thick colored marble sheets (2 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	1.760,50
15.410.1112	Flooring with 2-cm-thick colored marble sheets (2 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	1.898,31
15.410.1113	Flooring with 3-cm-thick colored marble sheets (3 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	1.869,95
15.410.1114	Flooring with 3-cm-thick colored marble sheets (3 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	2.007,76
15.410.1115	Flooring with 4-cm-thick colored marble sheets (4 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	1.949,55
15.410.1116	Flooring with 4-cm-thick colored marble sheets (4 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	2.087,36
15.410.1117	Flooring with 5-cm-thick colored marble sheets (5 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	2.014,23
15.410.1118	Flooring with 5-cm-thick colored marble sheets (5 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	2.152,04
Wall paneling with marble sheets			
15.410.1211	Wall paneling with 2-cm-thick white marble sheets (2 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	1.910,79

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.410.1212	Wall paneling with 2-cm-thick white marble sheets (2 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	2.048,60
15.410.1213	Wall paneling with 2-cm-thick colored marble sheets (2 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	2.006,60
15.410.1214	Wall paneling with 2-cm-thick colored marble sheets (2 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	2.144,41
Stair step paneling with marble sheets			
15.410.1311	Stair step paneling with white marble sheets (step thickness: 3 cm, riser thickness: 2 cm) (honed or polished)	m	1.057,09
15.410.1312	Stair step paneling with white marble sheets (step thickness: 3 cm, riser thickness: 2 cm) (With any surface treatment except honing or polishing)	m	1.126,65
15.410.1313	Stair step paneling with colored marble sheets (step thickness: 3 cm, riser thickness: 2 cm) (honed or polished)	m	1.113,08
15.410.1314	Stair step paneling with colored marble sheets (step thickness: 3 cm, riser thickness: 2 cm) (With any surface treatment except honing or polishing)	m	1.182,64
Building exterior window sills with marble sheets			
15.410.1411	Building exterior window sills with 3-cm-thick white marble sheets (3 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	2.859,96
15.410.1412	Building exterior window sills with 3-cm-thick white marble sheets (3 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	2.997,78
15.410.1413	Building exterior window sills with 3-cm-thick, colored marble sheets (3 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	2.975,85
15.410.1414	Construction of exterior window sills using 3 cm thick colored marble slabs (dimensions: 3 cm × 30-40-50 cm × free length), with any surface treatment except honing and polishing	m ²	3.113,66
Building parapets with marble sheets			
15.410.1511	Building parapets with 3-cm-thick white marble sheets (3 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	3.016,21
15.410.1512	Building parapets with 3-cm-thick white marble sheets (3 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	3.154,03
15.410.1513	Building parapets with 3-cm-thick, colored marble sheets (3 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	3.132,10
15.410.1514	Building parapets with 3-cm-thick, colored marble sheets (3 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	3.269,91
Building coping tiles with marble sheets			
15.410.1611	Building coping tiles with 3-cm-thick white marble sheets (3 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	3.179,65
15.410.1612	Building coping tiles with 3-cm-thick white marble sheets (3 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	3.317,46
15.410.1613	Building coping tiles with 3-cm-thick, colored marble sheets (3 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	3.295,54
15.410.1614	Building coping tiles with 3-cm-thick, colored marble sheets (3 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	3.277,10
Making jambs with marble sheets			
15.410.1711	Making jambs with 2-cm-thick, white marble sheets (2 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	2.638,91
15.410.1712	Making jambs with 2-cm-thick, white marble sheets (2 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	2.776,73
15.410.1713	Making jambs with 2-cm-thick, colored marble sheets (2 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	2.734,73
15.410.1714	Making jambs with 2-cm-thick, colored marble sheets (2 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	2.872,54
TRAVERTINE LINING WORKS			
Flooring with light colored travertine panels			
15.415.1011	Flooring with 2-cm-thick, light-colored travertine sheets (2 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	1.799,88
15.415.1012	Flooring with 2-cm-thick, light-colored travertine sheets (2 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	1.937,69

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.415.1013	Flooring with 3-cm-thick, light-colored travertine sheets (3 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	1.917,58
15.415.1014	Flooring with 3-cm-thick, light-colored travertine sheets (3 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	2.055,39
15.415.1015	Flooring with 4-cm-thick, light-colored travertine sheets (4 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	2.003,18
15.415.1016	Flooring with 4-cm-thick, light-colored travertine sheets (4 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	2.140,99
15.415.1017	Flooring with 5-cm-thick, light-colored travertine sheets (5 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	2.072,73
15.415.1018	Flooring with 5-cm-thick, light-colored travertine sheets (5 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	2.210,54
Flooring with dark-colored travertine sheets			
15.415.1111	Flooring with 2-cm-thick, dark-colored travertine sheets (2 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	1.690,94
15.415.1112	Flooring with 2-cm-thick, dark-colored travertine sheets (2 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	1.828,75
15.415.1113	Flooring with 3-cm-thick, dark-colored travertine sheets (3 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	1.785,81
15.415.1114	Flooring with 3-cm-thick, dark-colored travertine sheets (3 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	1.923,63
15.415.1115	Flooring with 4-cm-thick, dark-colored travertine sheets (4 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	1.854,81
15.415.1116	Flooring with 4-cm-thick, dark-colored travertine sheets (4 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	1.992,63
15.415.1117	Flooring with 5-cm-thick, dark-colored travertine sheets (5 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	1.910,88
15.415.1118	Flooring with 5-cm-thick, dark-colored travertine sheets (5 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	2.048,69
Wall paneling with travertine sheets			
15.415.1211	Wall paneling with 2-cm-thick, light-colored travertine sheets (2 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	2.045,98
15.415.1212	Wall paneling with 2-cm-thick, light-colored travertine sheets (2 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	2.183,79
15.415.1213	Wall paneling with 2-cm-thick, dark-colored travertine sheets (2 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	1.937,04
15.415.1214	Wall paneling with 2-cm-thick, dark-colored travertine sheets (2 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	2.074,85
Stair step paneling with travertine sheets			
15.415.1311	Stair step paneling with light-colored travertine sheets (step thickness: 3 cm, riser thickness: 2 cm) (honed or polished)	m	1.136,09
15.415.1312	Stair step paneling with light-colored travertine sheets (step thickness: 3 cm, riser thickness: 2 cm) (With any surface treatment except honing or polishing)	m	1.205,65
15.415.1313	Stair step paneling with dark-colored travertine sheets (step thickness: 3 cm, riser thickness: 2 cm) (honed or polished)	m	1.072,43
15.415.1314	Stair step paneling with dark-colored travertine sheets (step thickness: 3 cm, riser thickness: 2 cm) (With any surface treatment except honing or polishing)	m	1.141,99
Building exterior window sills with travertine sheets			
15.415.1411	Building exterior window sills with 3-cm-thick, light-colored travertine sheets (3 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	3.023,48
15.415.1412	Building exterior window sills with 3-cm-thick light-colored travertine sheets (3 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	3.161,29
15.415.1413	Building exterior window sills with 3-cm-thick, dark-colored travertine sheets (3 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	2.891,71
15.415.1414	Building exterior window sills with 3-cm-thick dark-colored travertine sheets (3 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	3.029,53
Building parapets with travertine sheets			

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.415.1511	Building parapets with 3-cm-thick, light-colored travertine sheets (3 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	3.179,73
15.415.1512	Building parapets with 3-cm-thick light-colored travertine sheets (3 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	3.317,54
15.415.1513	Building parapets with 3-cm-thick, dark-colored travertine sheets (3 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	3.047,96
15.415.1514	Building parapets with 3-cm-thick dark-colored travertine sheets (3 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	3.185,78
Making coping tiles with travertine sheets			
15.415.1611	Making coping tiles with 3-cm-thick, light-colored travertine sheets (3 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	3.343,16
15.415.1612	Making coping tiles with 3-cm-thick, light-colored travertine sheets (3 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	3.480,98
15.415.1613	Making coping tiles with 3-cm-thick, dark-colored travertine sheets (3 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	3.211,40
15.415.1614	Making coping tiles with 3-cm-thick dark-colored travertine sheets (3 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	3.192,96
Making jambs with travertine sheets			
15.415.1711	Making jambs with 2-cm-thick, light-colored travertine sheets (2 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	2.774,10
15.415.1712	Making jambs with 2-cm-thick, light-colored travertine sheets (2 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	2.911,91
15.415.1713	Making jambs with 2-cm-thick, dark-colored travertine sheets (2 cm x 30 - 40 - 50 cm x free length) (honed or polished)	m ²	2.665,16
15.415.1714	Making jambs with 2-cm-thick, dark-colored travertine sheets (2 cm x 30 - 40 - 50 cm x free length) (With any surface treatment except honing and polishing)	m ²	2.802,98
ANDESITE PANELING			
Andesite Flooring			
15.420.1011	Flooring with 4-cm-thick andesite panels (30 cm x free length)	m ²	1.788,28
15.420.1012	Flooring with 4-cm-thick, bush-hammered andesite panels (30 cm x free length)	m ²	2.257,03
Andesite wall paneling			
15.420.1111	Wall paneling with 3-cm-thick andesite panels (30 cm x free length)	m ²	1.948,85
Making andesite jambs			
15.420.1211	Making jambs with 3-cm-thick andesite panels	m ²	1.975,36
READY-MIX, REINFORCED/UNREINFORCED CONCRETE STAIR STEPS, SKIRTING, NOTCH BOARDS, SPLASH BOARDS, PARAPETS, COPING TILES, ETC. WORKS			
Flat steps (step and riser as two separate pieces)			
15.430.1011	Supply and installation of ready-made, reinforced, flat stair steps made of concrete with marble aggregate (With any surface treatment)	m	1.744,55
15.430.1012	Supply and installation of ready-made, reinforced, flat stair steps made of concrete with granite aggregate (With any surface treatment)	m	1.819,41
15.430.1013	Supply and installation of ready-made, reinforced, flat stair steps made of concrete with andesite or basalt aggregate (With any surface treatment)	m	1.819,41
15.430.1014	Supply and installation of ready-made, reinforced, flat stair steps made of concrete with quartz-silica + marble aggregate (With any surface treatment)	m	1.907,53
15.430.1015	Supply and installation of ready-made, reinforced, flat stair steps made of concrete with quartz-silica aggregate (With any surface treatment)	m	2.176,50
L-shaped miter steps (one piece)			
15.430.1111	Supply and installation of ready-made, reinforced, (L) stair steps made of concrete with marble aggregate (With any surface treatment)	m	1.853,86
15.430.1112	Supply and installation of ready-made, reinforced, (L) stair steps made of concrete with granite aggregate (With any surface treatment)	m	1.951,25
15.430.1113	Supply and installation of ready-made, reinforced, (L) stair steps made of concrete with andesite or basalt aggregate (With any surface treatment)	m	1.951,25
15.430.1114	Supply and installation of ready-made, reinforced, (L) stair steps made of concrete with quartz-silica + marble aggregate (With any surface treatment)	m	2.007,56

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.430.1115	Supply and installation of ready-made, reinforced, (L) stair steps made of concrete with quartz-silica aggregate (With any surface treatment)	m	2.306,35
Notch Boards and Skirting			
15.430.1201	Supply and installation of concrete, ready-made (L) stair skirt boards (in any size and thickness) (With any surface treatment)	m	294,96
15.430.1202	Supply and installation of concrete, ready-made (L) stair notch boards (in any size and thickness) (With any surface treatment)	m	308,09
Flat splash boards, parapets or coping tiles			
15.430.1311	Building windowsills, parapets or coping tiles with ready-made, reinforced, flat panels made of marble aggregate concrete (With any surface treatment)	m ²	2.629,25
15.430.1312	Building windowsills, parapets or coping tiles with ready-made, reinforced, flat panels made of granite aggregate concrete (With any surface treatment)	m ²	2.778,88
15.430.1313	Building windowsills, parapets or coping tiles with ready-made, reinforced, flat panels made of quartz-silica + marble aggregate concrete (With any surface treatment)	m ²	2.852,38
15.430.1314	Building windowsills, parapets or coping tiles with ready-made, reinforced, flat panels made of quartz-silica aggregate concrete (With any surface treatment)	m ²	3.248,75
(L)-shaped splash boards, parapets or coping tiles			
15.430.1411	Building windowsills, parapets or coping tiles with ready-made, reinforced, (L)-shaped panels made of marble aggregate concrete (With any surface treatment)	m ²	2.729,00
15.430.1412	Building windowsills, parapets or coping tiles with ready-made, reinforced, (L)-shaped panels made of granite aggregate concrete (With any surface treatment)	m ²	2.802,50
15.430.1413	Building windowsills, parapets or coping tiles with ready-made, reinforced, (L)-shaped panels made of quartz-silica + marble aggregate concrete (With any surface treatment)	m ²	3.037,44
15.430.1414	Building windowsills, parapets or coping tiles with ready-made, reinforced, (L)-shaped panels made of quartz-silica aggregate concrete (With any surface treatment)	m ²	3.248,75
(U)-shaped splash boards, parapets or coping tiles			
15.430.1511	Building windowsills, parapets or coping tiles with ready-made, reinforced, (U)-shaped panels made of marble aggregate concrete (With any surface treatment)	m ²	3.038,75
15.430.1512	Building windowsills, parapets or coping tiles with ready-made, reinforced, (U)-shaped panels made of granite aggregate concrete (With any surface treatment)	m ²	3.198,88
15.430.1513	Building windowsills, parapets or coping tiles with ready-made, reinforced, (U)-shaped panels made of quartz-silica + marble aggregate concrete (With any surface treatment)	m ²	3.410,19
15.430.1514	Building windowsills, parapets or coping tiles with ready-made, reinforced, (U)-shaped panels made of quartz-silica aggregate concrete (With any surface treatment)	m ²	3.558,50
NATURAL/CONCRETE PAVING STONE, LAWN BLOCK, GUTTER STONE, CURB WORKS			
Supply and laying of concrete paving stones			
15.435.1001	Flooring with 6-cm-high steam-cured concrete paving stones with white cement (in any size, color and pattern)	m ²	665,31
15.435.1002	Flooring with 8-cm-high steam-cured concrete paving stones with white cement (in any size, color and pattern)	m ²	685,00
15.435.1003	Flooring with 10-cm-high steam-cured concrete paving stones with white cement (in any size, color and pattern)	m ²	704,69
15.435.1004	Flooring with 6-cm-high steam-cured concrete paving stones with regular cement (in any size, color and pattern)	m ²	645,63
15.435.1005	Flooring with 8-cm-high steam-cured concrete paving stones with regular cement (in any size, color and pattern)	m ²	665,31
15.435.1006	Flooring with 10-cm-high steam-cured concrete paving stones with regular cement (in any size, color and pattern)	m ²	685,00
Supply and laying of concrete lawn blocks			
15.435.1101	Flooring with 8-cm-high steam-cured concrete lawn blocks with white cement (in any size, color and pattern)	m ²	744,06
15.435.1102	Flooring with 10-cm-high steam-cured concrete lawn blocks with white cement (in any size, color and pattern)	m ²	776,88
15.435.1103	Flooring with 8-cm-high steam-cured concrete lawn blocks with regular cement (in any size, color and pattern)	m ²	717,81
15.435.1104	Flooring with 10-cm-high steam-cured concrete lawn blocks with regular cement (in any size, color and pattern)	m ²	750,63
Supply and laying of curbs			

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.435.1211	Laying of steam-cured concrete curbs with white cement and sized 50 x 20 x 10 cm (chamfered, in any color)	m	243,54
15.435.1212	Laying of steam-cured concrete curbs with white cement and sized 75 x 30 x 15 cm (chamfered, in any color)	m	276,35
15.435.1213	Laying of steam-cured concrete curbs with regular cement and sized 50 x 20 x 10 cm (chamfered, in any color)	m	230,41
15.435.1214	Laying of steam-cured concrete curbs with regular cement and sized 75 x 30 x 15 cm (chamfered, in any color)	m	263,23
15.435.1215	Supply and laying of andesite curbs sized 10 x 15 x 50 cm	m	509,98
15.435.1216	Supply and laying of andesite curbs sized 10 x 20 x 50 cm	m	549,35
15.435.1217	Supply and laying of andesite curbs sized 10 x 20 x 70 cm	m	553,85
Supply and laying of gutter stones			
15.435.1311	Laying of steam-cured concrete gutter stones with white cement and sized 30 x 10 x free length cm (in any color)	m	315,73
15.435.1312	Laying of steam-cured concrete gutter blocks made with regular cement, sized 30 x 10 x free length cm, in any color	m	302,60
15.435.1313	Laying of andesite gutter stones sized 50 x 20 cm	m	628,10
Supply and laying of natural paving stones			
15.435.7001	Flooring with natural andesite paving stones (10 x 10 cm) (for roads, squares, parks, pavements and other similar areas)	m ²	742,50
15.435.7002	Flooring with natural andesite paving stones (10 x 10 cm) (for roads, squares, parks, pavements and other similar areas)	m ²	778,75
15.435.7003	Flooring with natural andesite paving stones (10 x 10 cm) (for roads, squares, parks, pavements and other similar areas)	m ²	888,75
EXPANSION WORKS FOR FLOORING, WALLS AND FACADES			
15.440.1001	With 120 mm width and min. 1.3 mm wall thickness on walls, ceilings and facades, making expansion joints with anodized aluminum covering profiles (For 50-mm-wide expansions)	m	317,09
15.440.1002	Making expansion joints (with rubber gaskets, min. 1.5 mm aluminum wall thickness, +/- 4 mm moving capacity, min. 13 mm profile height, and min. 45 mm wing width) on ceilings and walls with expansion profiles on the coating (for 50-mm-wide expansions)	m	466,05
15.440.1003	With 120 mm width and min. 2.2 mm wall thickness on floors (for 50-mm-wide expansions) (Resistant to pedestrian loads), making expansion joints with anodized aluminum covering profiles	m	386,65
15.440.1004	Making expansion joints (with rubber gaskets, min. 2 mm aluminum wall thickness, +/- 4 mm moving capacity, min. 35 mm profile height, and min. 45 mm) on floors with expansion profiles under the coating (for 50-mm-wide expansions) (resistant to pedestrian loads)	m	690,99
15.440.1005	Making expansion joints (with strip gaskets made of rubber and aluminum, min. 2.5 mm aluminum wall thickness, +/- 4 mm moving capacity, min. 40 mm, and wing width min. 45 mm, the area between the supports where the gasket is placed reinforced with additional elements) on floors with expansion profiles under the coating (for 50-mm-wide expansions) (resistant to pedestrian loads)	m	1.021,74
15.440.1006	Making expansion joints (with rubber gaskets, min. 1.5 mm aluminum wall thickness, +/- 4 mm moving capacity, min. 15 mm profile height, and min. 45 mm) on floors with expansion profiles under the coating (for 50-mm-wide expansions) (resistant to pedestrian loads)	m	643,74
15.440.1007	Making expansion joints (with strip gaskets made of rubber and aluminum, min. 2 mm aluminum wall thickness, +/- 4 mm moving capacity, min. 20 mm, and wing width min. 45 mm, the area between the supports where the gasket is placed reinforced with additional elements) on floors with expansion profiles under the coating (for 50-mm-wide expansions) (resistant to pedestrian loads)	m	718,55
15.440.1008	Water insulation for expansions using 30-cm-wide and min. 1-mm-thick expansion insulation tapes.	m	513,56
GLASS, CERAMIC, NATURAL STONE AND MOSAIC PANELING			
15.445.1001	Wall and facade paneling with meshed glass mosaics (aligned on mesh) in any color, size, shape and pattern	m ²	886,10
15.445.1002	Wall and facade paneling with meshed ceramic mosaics (glazed/non-glazed porcelain) (aligned on mesh) in any color, size, shape and pattern	m ²	1.034,16
15.445.1003	Jointless wall and facade paneling with meshed natural stone mosaics (aligned on mesh) in any color, size, shape and pattern (jointless - blasted surface)	m ²	1.336,10
15.445.1004	Jointed wall and facade paneling with meshed natural stone mosaics (aligned on mesh) in any color, size, shape and pattern (jointed - plain surface)	m ²	1.433,29

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
MOSAIC SPLASH BOARDS, PARAPETS AND COPING TILES			
15.450.1011	Building mosaic windowsills (with regular cement)	m ²	4.509,03
15.450.1012	Building mosaic windowsills (with white cement)	m ²	4.562,65
15.450.1013	Building mosaic parapets (with regular cement)	m ²	4.483,60
15.450.1014	Building mosaic parapets (with white cement)	m ²	4.528,29
15.450.1015	Building mosaic-lined concrete coping tiles on masonry walls of any width (with regular cement)	m ²	3.304,14
15.450.1016	Building mosaic-lined concrete coping tiles on masonry walls of any width (with white cement)	m ²	3.348,83
PVC JOINERY			
15.455.1001	Production and installation of plastic joinery (Any kind of door, window, paneling and similar other applications of hard PVC joinery profiles) Note: All main and additional profiles should be marked along the profile length at min. 1-meter intervals on spots that are not visible when the window is closed. Marking of the main and additional profiles should contain the following minimum information. - The name or trademark of the manufacturer, - The marking and number of this standard (in the form of TS EN 12608-1), - Wall thickness class, - Production code (e.g. date, etc.) to ensure traceability	Kg	203,19
ALUMINUM JOINERY			
15.460.1001	Production and installation of natural-matte and anodized aluminum joinery profiles without thermal insulation	Kg	376,11
15.460.1002	Production and installation of natural-glossy or sandblasted, satin and anodized aluminum joinery without thermal insulation	Kg	412,23
15.460.1003	Production and installation of colored-matte anodized aluminum joinery without thermal insulation	Kg	376,11
15.460.1004	Production and installation of colored-glossy or sandblasted, satin and anodized aluminum joinery without thermal insulation	Kg	380,13
15.460.1005	Production and installation of electrostatic powder-coated aluminum joinery without thermal insulation	Kg	410,89
15.460.1006	Production and installation of natural-matte and anodized aluminum joinery with thermal insulation	Kg	417,58
15.460.1007	Production and installation of natural-glossy or sandblasted and anodized aluminum joinery with thermal insulation	Kg	421,59
15.460.1008	Production and installation of colored-matte and anodized aluminum joinery with thermal insulation	Kg	412,23
15.460.1009	Production and installation of colored-glossy, sandblasted and anodized aluminum joinery with thermal insulation	Kg	421,59
15.460.1010	Production and installation of electrostatic powder-coated aluminum joinery with thermal insulation	Kg	412,23
METAL JOINERY HARDWARE			
Unit Price of Metal Hardware for Doors (Wood, Metal, Plastic)			
15.465.1001	Installation of mortise interior door locks (Wide Type)	Qty	106,25
15.465.1002	Installation of mortise interior door locks (Narrow Type)	Qty	106,25
15.465.1003	Installation of mortise roller lock for interior door (Wide and narrow type)	Qty	175,00
15.465.1004	Installation of cylinder mortise interior and exterior door locks (Wide and narrow type)	Qty	275,00
15.465.1005	Installation of mortise roller lock for interior and exterior doors (Wide and narrow types)	Qty	275,00
15.465.1006	Installation of mortise roller lock for interior and exterior doors for interior and exterior doors	Qty	275,00
15.465.1007	Installation of ground cylinder exterior door locks	Qty	312,50
15.465.1008	Installation of door handles and panels (Chrome-plated)	Qty	106,25
15.465.1009	Installation of rubber seal plugs	Qty	18,75
15.465.1010	Installation of hinges	Qty	18,75
15.465.1011	Installation of spring hinges	Qty	168,75
15.465.1012	Installation of door bolts (Vertical securing set)	Qty	25,00

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.465.1013	Installation of stops (Nickel-plated)	Qty	87,50
Unit Price of Metal Hardware for Windows (Wood, Metal, Plastic)			
15.465.1101	Installation of window bar hardware (Handle, grill and other components)	Qty	93,75
15.465.1102	Installation of transom window hardware (Simple folding mechanism)	Qty	26,88
15.465.1103	Installation of transom window hardware (Steel folding mechanism, chrome-plated lever and handle)	Qty	75,00
15.465.1104	Installation of the latch (window bar handle and cam) Yellow brass screw with insert nut	Qty	59,38
15.465.1105	Installation of door bolts	Qty	20,63
15.465.1106	Installation of rubber seal plugs	Qty	23,13
15.465.1107	Installation of spring-loaded securing latches	Qty	27,50
15.465.1108	Installation of counterweight sets (Together with cast, wire, yellow pulley, knit, wire sockets)	Kg	27,50
15.465.1109	Installation of sliding window handles	Qty	84,38
15.465.1110	Installation of clutch window bar hardware (80 cm including lever) (2-clutch) (for wood)	Qty	87,50
15.465.1111	Installation of clutch window bar hardware (100 cm including lever) (3-clutch) (for wood)	Qty	100,00
15.465.1112	Installation of clutch window bar hardware (120 cm including lever) (3-clutch) (for wood)	Qty	118,75
15.465.1113	Installation of clutch window bar hardware (140 cm including lever) (3-clutch) (for wood)	Qty	118,75
15.465.1114	Installation of clutch window bar hardware (160 cm including lever) (3-clutch) (for wood)	Qty	131,25
15.465.1115	Installation of clutch window bar hardware (180 cm including lever) (4-clutch) (for wood)	Qty	137,50
15.465.1116	Installation of hinges	Qty	25,00
15.465.1117	Installation of continuous hinges	m	37,50
15.465.1118	Installation of plastic-coated, adjustable hinges (pair)	Qty	87,50
Unit Price of Metal Hardware for Windows (Wood, Metal and Plastic) (Subject to written approval of the administration.)			
15.465.1201	Installation of window bar hardware (including handle) Two-clutch, up to 100 cm	Qty	312,50
15.465.1202	Installation of window bar hardware (including handle) Three-clutch, up to 180 cm	Qty	375,00
15.465.1203	Installation of window bar hardware (including handle) Four-clutch, larger than 180 cm	Qty	375,00
15.465.1204	Installation of transom window bar hardware (Including lever and folding mechanism)	Qty	312,50
INSTALLATION OF DOUBLE-GLAZED WINDOW UNITS ON WOOD, PVC and ALUMINUM JOINERY			
15.470.1001	Installation of double-glazed window units with 3+3 mm thickness and 12 mm middle gap on wood joinery with glazing bead	m ²	1.775,25
15.470.1002	Installation of double-glazed window units with 4+4 mm thickness and 12 mm middle gap, on wood joinery with glazing bead	m ²	1.807,41
15.470.1003	Installation of double-glazed window units with 5+5 mm thickness and 12 mm middle gap, on wood joinery with glazing bead	m ²	2.018,06
15.470.1004	Installation of double-glazed window units with 6+6 mm thickness and 12 mm middle gap, on wood joinery with glazing bead	m ²	2.103,38
15.470.1005	Installation of double-glazed window units with 3+3 mm thickness and 16 mm middle gap, on wood joinery with glazing bead	m ²	1.794,94
15.470.1006	Installation of double-glazed window units with 4+4 mm thickness and 16 mm middle gap, on wood joinery with glazing bead	m ²	1.840,88
15.470.1007	Installation of double-glazed window units with 5+5 mm thickness and 16 mm middle gap, on wood joinery with glazing bead	m ²	2.023,98
15.470.1008	Installation of double-glazed window units with 6+6 mm thickness and 16 mm middle gap, on wood joinery with glazing bead	m ²	2.116,50
15.470.1009	Installation of double-glazed window units with 3+3 mm thickness and 12 mm middle gap on PVC and aluminum joinery with glazing profiles	m ²	1.305,69

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.470.1010	Installation of double-glazed window units with 4+4 mm thickness and 12 mm middle gap on PVC and aluminum joinery with glazing profiles	m ²	1.337,85
15.470.1011	Installation of double-glazed window units with 5+5 mm thickness and 12 mm middle gap on PVC and aluminum joinery with glazing profiles	m ²	1.548,50
15.470.1012	Installation of double-glazed window units with 6+6 mm thickness and 12 mm middle gap on PVC and aluminum joinery with glazing profiles	m ²	1.633,81
15.470.1013	Installation of double-glazed window units with 3+3 mm thickness and 16 mm middle gap on PVC and aluminum joinery with glazing profiles	m ²	1.325,38
15.470.1014	Installation of double-glazed window units with 4+4 mm thickness and 16 mm middle gap on PVC and aluminum joinery with glazing profiles	m ²	1.371,31
15.470.1015	Installation of double-glazed window units with 5+5 mm thickness and 16 mm middle gap on PVC and aluminum joinery with glazing profiles	m ²	1.554,41
15.470.1016	Installation of double-glazed window units with 6+6 mm thickness and 16 mm middle gap on PVC and aluminum joinery with glazing profiles	m ²	1.646,94
INSTALLATION OF DOUBLE-GLAZED WINDOW UNITS (with thermal control coating) ON WOOD, PVC and ALUMINUM JOINERY			
15.470.1201	Installation of double-glazed window units with 4+4 mm thickness and 12 mm middle gap, the first pane with thermal control coating, on wood joinery with glazing bead	m ²	1.867,13
15.470.1202	Installation of double-glazed window units with 4+5 mm thickness and 12 mm middle gap, the first pane with thermal control coating, on wood joinery with glazing bead	m ²	1.972,13
15.470.1203	Installation of double-glazed window units with 4+6 mm thickness and 12 mm middle gap, the first pane with thermal control coating, on wood joinery with glazing bead	m ²	2.024,63
15.470.1204	Installation of double-glazed window units with 6+6 mm thickness and 12 mm middle gap, the first pane with thermal control coating, on wood joinery with glazing bead	m ²	2.169,00
15.470.1205	Installation of double-glazed window units with 6+4 mm thickness and 12 mm middle gap, the first pane with thermal control coating, on wood joinery with glazing bead	m ²	2.090,25
15.470.1206	Installation of double-glazed window units with 4+4 mm thickness and 16 mm middle gap, the first pane with thermal control coating, on wood joinery with glazing bead	m ²	1.919,63
15.470.1207	Installation of double-glazed window units with 4+5 mm thickness and 16 mm middle gap, the first pane with thermal control coating, on wood joinery with glazing bead	m ²	1.985,25
15.470.1208	Installation of double-glazed window units with 4+6 mm thickness and 16 mm middle gap, the first pane with thermal control coating, on wood joinery with glazing bead	m ²	2.050,88
15.470.1209	Installation of double-glazed window units with 6+6 mm thickness and 16 mm middle gap, the first pane with thermal control coating, on wood joinery with glazing bead	m ²	2.208,38
15.470.1210	Installation of double-glazed window units with 6+4 mm thickness and 16 mm middle gap, the first pane with thermal control coating, on wood joinery with glazing bead	m ²	2.116,50
15.470.1211	Installation of double-glazed window units with 4+4 mm thickness and 12 mm middle gap, the first pane with thermal control coating, on PVC and aluminum joinery with glazing profile	m ²	1.397,56
15.470.1212	Installation of double-glazed window units with 4+5 mm thickness and 12 mm middle gap, the first pane with thermal control coating, on PVC and aluminum joinery with glazing profile	m ²	1.502,56
15.470.1213	Installation of double-glazed window units with 4+6 mm thickness and 12 mm middle gap, the first pane with thermal control coating, on PVC and aluminum joinery with glazing profile	m ²	1.555,06
15.470.1214	Installation of double-glazed window units with 6+6 mm thickness and 12 mm middle gap, the first pane with thermal control coating, on PVC and aluminum joinery with glazing profile	m ²	1.699,44
15.470.1215	Installation of double-glazed window units with 6+4 mm thickness and 12 mm middle gap, the first pane with thermal control coating, on PVC and aluminum joinery with glazing profile	m ²	1.620,69
15.470.1216	Installation of double-glazed window units with 4+4 mm thickness and 16 mm middle gap, the first pane with thermal control coating, on PVC and aluminum joinery with glazing profile	m ²	1.450,06
15.470.1217	Installation of double-glazed window units with 4+5 mm thickness and 16 mm middle gap, the first pane with thermal control coating, on PVC and aluminum joinery with glazing profile	m ²	1.515,69
15.470.1218	Installation of double-glazed window units with 4+6 mm thickness and 16 mm middle gap, the first pane with thermal control coating, on PVC and aluminum joinery with glazing profile	m ²	1.581,31
15.470.1219	Installation of double-glazed window units with 6+6 mm thickness and 16 mm middle gap, the first pane with thermal control coating, on PVC and aluminum joinery with glazing profile	m ²	1.738,81
15.470.1220	Installation of double-glazed window units with 6+4 mm thickness and 16 mm middle gap, the first pane with thermal control coating, on PVC and aluminum joinery with glazing profile	m ²	1.646,94
INSTALLATION OF DOUBLE-GLAZED WINDOW UNITS (WITH SOLAR AND THERMAL CONTROL COATING) ON WOOD, PVC and ALUMINUM JOINERY			
15.470.1401	Installation of double-glazed window units with 4+4 mm thickness and 12 mm middle gap, the first pane with solar and thermal control coating, on wood joinery with glazing bead	m ²	1.906,50

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.470.1402	Installation of double-glazed window units with 4+5 mm thickness and 12 mm middle gap, the first pane with solar and thermal control coating, on wood joinery with glazing bead	m ²	1.972,13
15.470.1403	Installation of double-glazed window units with 4+6 mm thickness and 12 mm middle gap, the first pane with solar and thermal control coating, on wood joinery with glazing bead	m ²	2.024,63
15.470.1404	Installation of double-glazed window units with 6+4 mm thickness and 12 mm middle gap, the first pane with solar and thermal control coating, on wood joinery with glazing bead	m ²	2.037,75
15.470.1405	Installation of double-glazed window units with 6+5 mm thickness and 12 mm middle gap, the first pane with solar and thermal control coating, on wood joinery with glazing bead	m ²	2.129,63
15.470.1406	Installation of double-glazed window units with 6+6 mm thickness and 12 mm middle gap, the first pane with solar and thermal control coating, on wood joinery with glazing bead	m ²	2.195,25
15.470.1407	Installation of double-glazed window units with 4+4 mm thickness and 16 mm middle gap, the first pane with solar and thermal control coating, on wood joinery with glazing bead	m ²	2.004,94
15.470.1408	Installation of double-glazed window units with 4+5 mm thickness and 16 mm middle gap, the first pane with solar and thermal control coating, on wood joinery with glazing bead	m ²	2.077,13
15.470.1409	Installation of double-glazed window units with 4+6 mm thickness and 16 mm middle gap, the first pane with solar and thermal control coating, on wood joinery with glazing bead	m ²	2.116,50
15.470.1410	Installation of double-glazed window units with 6+4 mm thickness and 16 mm middle gap, the first pane with solar and thermal control coating, on wood joinery with glazing bead	m ²	2.136,19
15.470.1411	Installation of double-glazed window units with 6+5 mm thickness and 16 mm middle gap, the first pane with solar and thermal control coating, on wood joinery with glazing bead	m ²	2.221,50
15.470.1412	Installation of double-glazed window units with 6+6 mm thickness and 16 mm middle gap, the first pane with solar and thermal control coating, on wood joinery with glazing bead	m ²	2.313,38
15.470.1413	Installation of double-glazed window units with 4+4 mm thickness and 12 mm middle gap, the first pane with solar and thermal control coating, on PVC and aluminum joinery with glazing profile	m ²	1.436,94
15.470.1414	Installation of double-glazed window units with 4+5 mm thickness and 12 mm middle gap, the first pane with solar and thermal control coating, on PVC and aluminum joinery with glazing profile	m ²	1.502,56
15.470.1415	Installation of double-glazed window units with 4+6 mm thickness and 12 mm middle gap, the first pane with solar and thermal control coating, on PVC and aluminum joinery with glazing profile	m ²	1.555,06
15.470.1416	Installation of double-glazed window units with 6+4 mm thickness and 12 mm middle gap, the first pane with solar and thermal control coating, on PVC and aluminum joinery with glazing profile	m ²	1.568,19
15.470.1417	Installation of double-glazed window units with 6+5 mm thickness and 12 mm middle gap, the first pane with solar and thermal control coating, on PVC and aluminum joinery with glazing profile	m ²	1.660,06
15.470.1418	Installation of double-glazed window units with 6+6 mm thickness and 12 mm middle gap, the first pane with solar and thermal control coating, on PVC and aluminum joinery with glazing profile	m ²	1.725,69
15.470.1419	Installation of double-glazed window units with 4+4 mm thickness and 16 mm middle gap, the first pane with solar and thermal control coating, on PVC and aluminum joinery with glazing profile	m ²	1.535,38
15.470.1420	Installation of double-glazed window units with 4+5 mm thickness and 16 mm middle gap, the first pane with solar and thermal control coating, on PVC and aluminum joinery with glazing profile	m ²	1.607,56
15.470.1421	Installation of double-glazed window units with 4+6 mm thickness and 16 mm middle gap, the first pane with solar and thermal control coating, on PVC and aluminum joinery with glazing profile	m ²	1.646,94
15.470.1422	Installation of double-glazed window units with 6+4 mm thickness and 16 mm middle gap, the first pane with solar and thermal control coating, on PVC and aluminum joinery with glazing profile	m ²	1.666,63
15.470.1423	Installation of double-glazed window units with 6+5 mm thickness and 16 mm middle gap, the first pane with solar and thermal control coating, on PVC and aluminum joinery with glazing profile	m ²	1.751,94
15.470.1424	Installation of double-glazed window units with 6+6 mm thickness and 16 mm middle gap, the first pane with solar and thermal control coating, on PVC and aluminum joinery with glazing profile	m ²	1.843,81
WOODEN FLOORING			
15.475.1001	Square timber flooring	m ²	954,79
15.475.1002	Wooden flooring on existing square timber	m ²	777,66
HARDWOOD PARQUET			
15.480.1001	First class oak floor paneling with 15 to 16-mm-thick square timber on concrete	m ²	2.355,64
15.480.1002	15 to 16-mm-thick first class oak floor paneling by adhesive bonding on concrete	m ²	2.144,94
LAMINATE FLOORING			
15.485.1001	Laminate flooring (including baseboard)	m ²	1.422,43
LAMINATE FLOORING			
15.490.1001	Laminate flooring (AC1 Class 21) (including baseboard)	m ²	440,36

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.490.1002	Laminate flooring (AC3 Class 23-31) (including baseboard)	m ²	485,50
15.490.1003	Laminate flooring (AC4 Class 32) (including baseboard)	m ²	547,61
WOODEN SKIRTING			
15.495.1001	Production and installation of wooden baseboard	m	115,51
WOODEN HANDRAILS			
15.500.1003	Production and installation of straight handrails for staircase	m	915,76
15.500.1004	Production and installation of curved handrails for staircase	m	1.570,56
WOODEN WAINSCOT			
15.505.1001	Wooden wainscoting	m ²	3.638,59
WOODEN DOOR FRAME AND DOOR CASING			
15.510.1001	Production and installation of solid wood panel interior door frame and casing	m ²	1.886,25
15.510.1002	Production and installation of solid wood panel exterior door frame and casing	m ²	2.049,79
WOODEN DOOR LEAF			
15.510.1101	Production and installation of solid wood panel interior door leaves	m ²	1.750,73
15.510.1102	Production and installation of solid wood panel exterior door leaves	m ²	1.853,75
15.510.1103	Production and installation of interior door leaves with both surfaces made of pressed wood fiber boards, and with laminate paneling and craft filling	m ²	2.573,44
15.510.1104	Production and installation of interior door leaves with both surfaces made of pressed wood fiber boards, and with laminate paneling and perforated particle board filling	m ²	2.455,45
15.510.1105	Production and installation of wooden interior swinging door leaves with glass	m ²	1.527,50
QUILTING			
15.510.9991	Faux leather quilt lining of the existing doors	m ²	2.252,10
WOODEN WINDOW			
15.515.1001	Production and installation of single-surfaced windows with wooden frame and casing	m ²	1.719,69
WOODEN DISPLAY WINDOW			
15.515.1101	Production and installation of wooden interior display window	m ²	1.618,55
TYPICAL WOODEN CLOSETS			
15.520.1001	Production and installation of flush-mounted typical wooden closets (2.50 x 1.80 = 4.50 m ²)	m ²	4.533,44
15.520.1002	Production and installation of typical under-counter cabinets (1.68 x 0.85 = 1.43m ²)	m ²	8.367,65
15.520.1003	Production and installation of typical over-counter cabinets (3.04 x 0.80 = 2.46m ²)	m ²	6.565,31
BUG SCREEN			
15.525.1001	Production and installation of (detachable) bug screens made of plastic wire with wooden frame	m ²	939,59
15.525.1002	Production and installation of (detachable) bug screens made of plastic wire with aluminum frame	m ²	911,65
15.525.1003	Production and installation of (detachable) bug screens made of plastic wire with PVC frame	m ²	849,99
DRY WALL SYSTEMS AND SUSPENDED CEILINGS MADE FROM GYPSUM BOARDS			
Production of Exterior Clad Walls and Exterior Walls			
	(The partition and clad wall production analyses do not cover insulation materials. A panel-type insulation material in compliance with the TS EN 13162 fulfilling the performance requirements of the specifications shall be added to the analysis.		
15.530.1151	Building clad wall with T profile with 60 cm axle space on the existing wall with 12.5-mm-thick gypsum boards covered on both sides with fiber mats, with increased fire resistance, reduced water absorption rate and increased breaking strength	m ²	1.448,14
15.530.1152	Building clad wall with DC profiles with 60 cm axle space on the existing wall with 12.5-mm-thick gypsum boards covered on both sides with fiber mats, with increased fire resistance, reduced water absorption rate and increased breaking strength	m ²	1.459,00
15.530.1201	Building a single-frame exterior wall with fiber-reinforced gypsum boards covered with glass fiber on both sides (C 100 profile - 60 cm axle space for a single wall) (outer surface: single layer, 12.5-mm glass fiber mat-coated board, inner surface: single layer, 12.5 mm gypsum board and single layer, 12.5 mm glass fiber mat-coated board)	m ²	1.478,19

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.530.1202	Building a single-frame exterior wall with fiber-reinforced gypsum boards covered with glass fiber on both sides (C 100 profile - 40 cm axle space for a single wall) (outer surface: single layer, 12.5-mm glass fiber mat-coated board, inner surface: single layer, 12.5 mm gypsum board and single layer, 12.5 mm glass fiber mat-coated board)	m ²	1.590,86
15.530.1203	Building a double-frame (connected) exterior wall with fiber-reinforced gypsum boards covered with glass fiber on both sides (C 75 profile - 60 cm axle space for two walls) (outer surface: single layer, 12.5-mm glass fiber mat-coated board, inner surface: single layer, 12.5 mm gypsum board and single layer, 12.5 mm glass fiber mat-coated board)	m ²	1.777,10
Production of Partition Walls (Single frame - 12,5 mm, with Single Layer Gypsum Board)			
	(The partition and clad wall production analyses do not cover insulation materials. A panel-type insulation material in compliance with the TS EN 13162 fulfilling the performance requirements of the specifications shall be added to the analysis.		
15.530.1251	Building a single-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with single layer 12.5 mm standard gypsum boards on both sides)	m ²	853,80
15.530.1252	Building a single-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with single layer 12.5 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	893,18
15.530.1253	Building a single-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with single layer 12.5 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	891,86
15.530.1254	Building a single-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with single layer 12.5 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	935,18
15.530.1255	Building a single-frame partition wall with gypsum boards (C 50 profile - 40 cm axle space) (with single layer 12.5 mm standard gypsum boards on both sides)	m ²	966,65
15.530.1256	Building a single-frame partition wall with gypsum boards (C 50 profile - 40 cm axle space) (with single layer 12.5 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	1.006,03
15.530.1257	Building a single-frame partition wall with gypsum boards (C 50 profile - 40 cm axle space) (with single layer 12.5 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	1.004,71
15.530.1258	Building a single-frame partition wall with gypsum boards (C 50 profile - 40 cm axle space) (with single layer 12.5 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	1.048,03
15.530.1259	Building a single-frame partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with single layer 12.5 mm standard gypsum boards on both sides)	m ²	872,10
15.530.1260	Building a single-frame partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with single layer 12.5 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	911,48
15.530.1261	Building a single-frame partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with single layer 12.5 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	910,16
15.530.1262	Building a single-frame partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with single layer 12.5 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	953,48
15.530.1263	Building a single-frame partition wall with gypsum boards (C 75 profile - 40 cm axle space) (with single layer 12.5 mm standard gypsum boards on both sides)	m ²	989,08
15.530.1264	Building a single-frame partition wall with gypsum boards (C 75 profile - 40 cm axle space) (with single layer 12.5 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	1.028,45
15.530.1265	Building a single-frame partition wall with gypsum boards (C 75 profile - 40 cm axle space) (with single layer 12.5 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	1.027,14
15.530.1266	Building a single-frame partition wall with gypsum boards (C 75 profile - 40 cm axle space) (with single layer 12.5 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	1.070,45
15.530.1267	Building a single-frame partition wall with gypsum boards (C 100 profile - 60 cm axle space) (with single layer 12.5 mm standard gypsum boards on both sides)	m ²	893,65
15.530.1268	Building a single-frame partition wall with gypsum boards (C 100 profile - 60 cm axle space) (with single layer 12.5 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	933,03
15.530.1269	Building a single-frame partition wall with gypsum boards (C 100 profile - 60 cm axle space) (with single layer 12.5 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	931,71
15.530.1270	Building a single-frame partition wall with gypsum boards (C 100 profile - 60 cm axle space) (with single layer 12.5 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	975,03
15.530.1271	Building a single-frame partition wall with gypsum boards (C 100 profile - 40 cm axle space) (with single layer 12.5 mm standard gypsum boards on both sides)	m ²	1.016,14
15.530.1272	Building a single-frame partition wall with gypsum boards (C 100 profile - 40 cm axle space) (with single layer 12.5 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	1.055,51
15.530.1273	Building a single-frame partition wall with gypsum boards (C 100 profile - 40 cm axle space) (with single layer 12.5 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	1.054,20
15.530.1274	Building a single-frame partition wall with gypsum boards (C 100 profile - 40 cm axle space) (with single layer 12.5 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	1.097,51

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
Production of Partition Walls (Single frame - 15 mm, with Single Layer Gypsum Board)			
	(The partition and clad wall production analyses do not cover insulation materials. A panel-type insulation material in compliance with the TS EN 13162 fulfilling the performance requirements of the specifications shall be added to the analysis.		
15.530.1301	Building a single-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with single layer 15 mm standard gypsum boards on both sides)	m ²	882,68
15.530.1302	Building a single-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with single layer 15 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	929,93
15.530.1303	Building a single-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with single layer 15 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	916,80
15.530.1304	Building a single-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with single layer 15 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	964,05
15.530.1305	Building a single-frame partition wall with gypsum boards (C 50 profile - 40 cm axle space) (with single layer 15 mm standard gypsum boards on both sides)	m ²	995,53
15.530.1306	Building a single-frame partition wall with gypsum boards (C 50 profile - 40 cm axle space) (with single layer 15 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	1.042,78
15.530.1307	Building a single-frame partition wall with gypsum boards (C 50 profile - 40 cm axle space) (with single layer 15 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	1.029,65
15.530.1308	Building a single-frame partition wall with gypsum boards (C 50 profile - 40 cm axle space) (with single layer 15 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	1.076,90
15.530.1309	Building a single-frame partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with single layer 15 mm standard gypsum boards on both sides)	m ²	900,98
15.530.1310	Building a single-frame partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with single layer 15 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	948,23
15.530.1311	Building a single-frame partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with single layer 15 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	935,10
15.530.1312	Building a single-frame partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with single layer 15 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	982,35
15.530.1313	Building a single-frame partition wall with gypsum boards (C 75 profile - 40 cm axle space) (with single layer 15 mm standard gypsum boards on both sides)	m ²	1.017,95
15.530.1314	Building a single-frame partition wall with gypsum boards (C 75 profile - 40 cm axle space) (with single layer 15 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	1.065,20
15.530.1315	Building a single-frame partition wall with gypsum boards (C 75 profile - 40 cm axle space) (with single layer 15 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	1.052,08
15.530.1316	Building a single-frame partition wall with gypsum boards (C 75 profile - 40 cm axle space) (with single layer 15 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	1.099,33
15.530.1317	Building a single-frame partition wall with gypsum boards (C 100 profile - 60 cm axle space) (with single layer 15 mm standard gypsum boards on both sides)	m ²	922,53
15.530.1318	Building a single-frame partition wall with gypsum boards (C 100 profile - 60 cm axle space) (with single layer 15 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	969,78
15.530.1319	Building a single-frame partition wall with gypsum boards (C 100 profile - 60 cm axle space) (with single layer 15 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	956,65
15.530.1320	Building a single-frame partition wall with gypsum boards (C 100 profile - 60 cm axle space) (with single layer 15 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	1.003,90
15.530.1321	Building a single-frame partition wall with gypsum boards (C 100 profile - 40 cm axle space) (with single layer 15 mm standard gypsum boards on both sides)	m ²	1.045,01
15.530.1322	Building a single-frame partition wall with gypsum boards (C 100 profile - 40 cm axle space) (with single layer 15 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	1.092,26
15.530.1323	Building a single-frame partition wall with gypsum boards (C 100 profile - 40 cm axle space) (with single layer 15 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	1.079,14
15.530.1324	Building a single-frame partition wall with gypsum boards (C 100 profile - 40 cm axle space) (with single layer 15 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	1.126,39
Production of Partition Walls (Single frame - 12,5 mm, with Double Layer Gypsum Board)			
	(The partition and clad wall production analyses do not cover insulation materials. A panel-type insulation material in compliance with the TS EN 13162 fulfilling the performance requirements of the specifications shall be added to the analysis.		
15.530.1351	Building a single-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with double layer 12.5 mm standard gypsum boards on both sides)	m ²	1.057,05

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.530.1352	Building a single-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with double layer 12.5 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	1.135,80
15.530.1353	Building a single-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with double layer 12.5 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	1.133,18
15.530.1354	Building a single-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with double layer 12.5 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	1.219,80
15.530.1355	Building a single-frame partition wall with gypsum boards (C 50 profile - 40 cm axle space) (with double layer 12.5 mm standard gypsum boards on both sides)	m ²	1.171,65
15.530.1356	Building a single-frame partition wall with gypsum boards (C 50 profile - 40 cm axle space) (with double layer 12.5 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	1.250,40
15.530.1357	Building a single-frame partition wall with gypsum boards (C 50 profile - 40 cm axle space) (with double layer 12.5 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	1.247,78
15.530.1358	Building a single-frame partition wall with gypsum boards (C 50 profile - 40 cm axle space) (with double layer 12.5 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	1.334,40
15.530.1359	Building a single-frame partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with double layer 12.5 mm standard gypsum boards on both sides)	m ²	1.075,35
15.530.1360	Building a single-frame partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with double layer 12.5 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	1.154,10
15.530.1361	Building a single-frame partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with double layer 12.5 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	1.151,48
15.530.1362	Building a single-frame partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with double layer 12.5 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	1.238,10
15.530.1363	Building a single-frame partition wall with gypsum boards (C 75 profile - 40 cm axle space) (with double layer 12.5 mm standard gypsum boards on both sides)	m ²	1.194,08
15.530.1364	Building a single-frame partition wall with gypsum boards (C 75 profile - 40 cm axle space) (with double layer 12.5 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	1.272,83
15.530.1365	Building a single-frame partition wall with gypsum boards (C 75 profile - 40 cm axle space) (with double layer 12.5 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	1.270,20
15.530.1366	Building a single-frame partition wall with gypsum boards (C 75 profile - 40 cm axle space) (with double layer 12.5 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	1.356,83
15.530.1367	Building a single-frame partition wall with gypsum boards (C 100 profile - 60 cm axle space) (with double layer 12.5 mm standard gypsum boards on both sides)	m ²	1.096,90
15.530.1368	Building a single-frame partition wall with gypsum boards (C 100 profile - 60 cm axle space) (with double layer 12.5 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	1.175,65
15.530.1369	Building a single-frame partition wall with gypsum boards (C 100 profile - 60 cm axle space) (with double layer 12.5 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	1.173,03
15.530.1370	Building a single-frame partition wall with gypsum boards (C 100 profile - 60 cm axle space) (with double layer 12.5 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	1.259,65
15.530.1371	Building a single-frame partition wall with gypsum boards (C 100 profile - 40 cm axle space) (with double layer 12.5 mm standard gypsum boards on both sides)	m ²	1.221,14
15.530.1372	Building a single-frame partition wall with gypsum boards (C 100 profile - 40 cm axle space) (with double layer 12.5 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	1.299,89
15.530.1373	Building a single-frame partition wall with gypsum boards (C 100 profile - 40 cm axle space) (with double layer 12.5 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	1.297,26
15.530.1374	Building a single-frame partition wall with gypsum boards (C 100 profile - 40 cm axle space) (with double layer 12.5 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	1.383,89
Production of Partition Walls (Single frame - 15 mm, with Double Layer Gypsum Board)			
	(The partition and clad wall production analyses do not cover insulation materials. A panel-type insulation material in compliance with the TS EN 13162 fulfilling the performance requirements of the specifications shall be added to the analysis.		
15.530.1401	Building a single-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with double layer 15 mm standard gypsum boards on both sides)	m ²	1.114,80
15.530.1402	Building a single-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with double layer 15 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	1.209,30
15.530.1403	Building a single-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with double layer 15 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	1.183,05
15.530.1404	Building a single-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with double layer 15 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	1.277,55
15.530.1405	Building a single-frame partition wall with gypsum boards (C 50 profile - 40 cm axle space) (with double layer 15 mm standard gypsum boards on both sides)	m ²	1.229,40

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.530.1406	Building a single-frame partition wall with gypsum boards (C 50 profile - 40 cm axle space) (with double layer 15 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	1.323,90
15.530.1407	Building a single-frame partition wall with gypsum boards (C 50 profile - 40 cm axle space) (with double layer 15 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	1.297,65
15.530.1408	Building a single-frame partition wall with gypsum boards (C 50 profile - 40 cm axle space) (with double layer 15 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	1.392,15
15.530.1409	Building a single-frame partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with double layer 15 mm standard gypsum boards on both sides)	m ²	1.133,10
15.530.1410	Building a single-frame partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with double layer 15 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	1.227,60
15.530.1411	Building a single-frame partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with double layer 15 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	1.201,35
15.530.1412	Building a single-frame partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with double layer 15 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	1.295,85
15.530.1413	Building a single-frame partition wall with gypsum boards (C 75 profile - 40 cm axle space) (with double layer 15 mm standard gypsum boards on both sides)	m ²	1.251,83
15.530.1414	Building a single-frame partition wall with gypsum boards (C 75 profile - 40 cm axle space) (with double layer 15 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	1.346,33
15.530.1415	Building a single-frame partition wall with gypsum boards (C 75 profile - 40 cm axle space) (with double layer 15 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	1.320,08
15.530.1416	Building a single-frame partition wall with gypsum boards (C 75 profile - 40 cm axle space) (with double layer 15 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	1.414,58
15.530.1417	Building a single-frame partition wall with gypsum boards (C 100 profile - 60 cm axle space) (with double layer 15 mm standard gypsum boards on both sides)	m ²	1.154,65
15.530.1418	Building a single-frame partition wall with gypsum boards (C 100 profile - 60 cm axle space) (with double layer 15 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	1.249,15
15.530.1419	Building a single-frame partition wall with gypsum boards (C 100 profile - 60 cm axle space) (with double layer 15 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	1.222,90
15.530.1420	Building a single-frame partition wall with gypsum boards (C 100 profile - 60 cm axle space) (with double layer 15 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	1.317,40
15.530.1421	Building a single-frame partition wall with gypsum boards (C 100 profile - 40 cm axle space) (with double layer 15 mm standard gypsum boards on both sides)	m ²	1.278,89
15.530.1422	Building a single-frame partition wall with gypsum boards (C 100 profile - 40 cm axle space) (with double layer 15 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	1.373,39
15.530.1423	Building a single-frame partition wall with gypsum boards (C 100 profile - 40 cm axle space) (with double layer 15 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	1.347,14
15.530.1424	Building a single-frame partition wall with gypsum boards (C 100 profile - 40 cm axle space) (with double layer 15 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	1.441,64
Production of Partition Walls (Single frame - 12.5 mm, with Three Layer Gypsum Board)			
	(The partition and clad wall production analyses do not cover insulation materials. A panel-type insulation material in compliance with the TS EN 13162 fulfilling the performance requirements of the specifications shall be added to the analysis.		
15.530.1451	Building a single-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with three layer 12.5 mm standard gypsum boards on both sides)	m ²	1.261,18
15.530.1452	Building a single-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with three layer 12.5 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	1.379,30
15.530.1453	Building a single-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with three layer 12.5 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	1.375,36
15.530.1454	Building a single-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with three layer 12.5 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	1.505,30
15.530.1455	Building a single-frame partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with three layer 12.5 mm standard gypsum boards on both sides)	m ²	1.279,48
15.530.1456	Building a single-frame partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with three layer 12.5 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	1.397,60
15.530.1457	Building a single-frame partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with three layer 12.5 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	1.393,66
15.530.1458	Building a single-frame partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with three layer 12.5 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	1.523,60
15.530.1459	Building a single-frame partition wall with gypsum boards (C 100 profile - 60 cm axle space) (with three layer 12.5 mm standard gypsum boards on both sides)	m ²	1.301,03

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.530.1460	Building a single-frame partition wall with gypsum boards (C 100 profile - 60 cm axle space) (with three layer 12.5 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	1.419,15
15.530.1461	Building a single-frame partition wall with gypsum boards (C 100 profile - 60 cm axle space) (with three layer 12.5 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	1.415,21
15.530.1462	Building a single-frame partition wall with gypsum boards (C 100 profile - 60 cm axle space) (with three layer 12.5 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	1.545,15
Production of Partition Walls (Double frame - 12.5 mm, with Double Layer Gypsum Board)			
	(The partition and clad wall production analyses do not cover insulation materials. A panel-type insulation material in compliance with the TS EN 13162 fulfilling the performance requirements of the specifications shall be added to the analysis.		
15.530.1501	Building a double-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with double layer 12.5 mm standard gypsum boards on both sides)	m ²	1.412,48
15.530.1502	Building a double-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with double layer 12.5 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	1.491,23
15.530.1503	Building a double-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with double layer 12.5 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	1.488,60
15.530.1504	Building a double-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with double layer 12.5 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	1.575,23
15.530.1505	Building a double-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with double layer 15 mm standard gypsum boards on both sides)	m ²	1.470,23
15.530.1506	Building a double-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with double layer 15 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	1.564,73
15.530.1507	Building a double-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with double layer 15 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	1.538,48
15.530.1508	Building a double-frame partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with double layer 15 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	1.632,98
15.530.1509	Building a double-frame partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with double layer 12.5 mm standard gypsum boards on both sides)	m ²	1.449,09
15.530.1510	Building a double-frame partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with double layer 12.5 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	1.527,84
15.530.1511	Building a double-frame partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with double layer 12.5 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	1.525,21
15.530.1512	Building a double-frame partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with double layer 12.5 mm gypsum boards (with reduced water absorption rate and enhanced fire-resistance) on both sides)	m ²	1.611,84
Production of Partition Walls (Double frame - Bonded with Gypsum Board Strips)			
	(The partition and clad wall production analyses do not cover insulation materials. A panel-type insulation material in compliance with the TS EN 13162 fulfilling the performance requirements of the specifications shall be added to the analysis.		
15.530.1551	Building a double-frame (bonded with gypsum board strips) partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with double layer 12.5 mm standard gypsum boards on both sides)	m ²	1.607,86
15.530.1552	Building a double-frame (bonded with gypsum board strips) partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with double layer 12.5 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	1.688,49
15.530.1553	Building a double-frame (bonded with gypsum board strips) partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with double layer 12.5 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	1.685,80
15.530.1554	Building a double-frame (bonded with gypsum board strips) partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with double layer 12.5 mm gypsum boards (with reduced water absorption rate and enhanced fire resistance) on both sides)	m ²	1.774,49
15.530.1555	Building a double-frame (bonded with gypsum board strips) partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with double layer 15 mm standard gypsum boards on both sides)	m ²	1.666,99
15.530.1556	Building a double-frame (bonded with gypsum board strips) partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with double layer 15 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	1.763,74
15.530.1557	Building a double-frame (bonded with gypsum board strips) partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with double layer 15 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	1.736,86
15.530.1558	Building a double-frame (bonded with gypsum board strips) partition wall with gypsum boards (C 50 profile - 60 cm axle space) (with double layer 15 mm gypsum boards (with reduced water absorption rate and enhanced fire resistance) on both sides)	m ²	1.833,61

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.530.1559	Building a double-frame (bonded with gypsum board strips) partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with double layer 12.5 mm standard gypsum boards on both sides)	m ²	1.644,48
15.530.1560	Building a double-frame (bonded with gypsum board strips) partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with double layer 12.5 mm gypsum boards (with reduced water absorption rate) on both sides)	m ²	1.725,10
15.530.1561	Building a double-frame (bonded with gypsum board strips) partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with double layer 12.5 mm gypsum boards (with enhanced fire-resistance) on both sides)	m ²	1.722,41
15.530.1562	Building a double-frame (bonded with gypsum board strips) partition wall with gypsum boards (C 75 profile - 60 cm axle space) (with double layer 12.5 mm gypsum boards (with reduced water absorption rate and enhanced fire resistance) on both sides)	m ²	1.811,10
Production of Clad Walls (Bonded)			
15.530.1701	Wall cladding by gluing gypsum boards (with 12.5-mm single layer standard gypsum boards)	m ²	725,18
15.530.1702	Wall cladding by gluing gypsum boards (with 12.5-mm single layer gypsum boards with reduced water absorption rate)	m ²	744,86
15.530.1703	Wall cladding by gluing gypsum boards (with 12.5-mm single layer gypsum boards with enhanced fire-resistance)	m ²	744,21
15.530.1704	Wall cladding by adhesive application of 12.5 mm single-layer gypsum boards with reduced water absorption and enhanced fire resistance.	m ²	765,86
Production of Clad Walls (Single frame - 12.5 mm, with Single Layer Gypsum Board)			
	(The partition and clad wall production analyses do not cover insulation materials. A panel-type insulation material in compliance with the TS EN 13162 fulfilling the performance requirements of the specifications shall be added to the analysis.		
15.530.1726	Building a single-frame clad wall with gypsum boards (C 60 profile single ceiling - 60 cm axle space) (with single layer 12.5 mm standard gypsum boards)	m ²	544,76
15.530.1727	Building a single-frame clad wall with gypsum boards (C 60 profile single ceiling - 60 cm axle space) (with single layer 12.5 mm gypsum boards with reduced water absorption rate)	m ²	564,45
15.530.1728	Building a single-frame clad wall with gypsum boards (C 60 profile single ceiling - 60 cm axle space) (with single layer 12.5 mm standard gypsum boards)	m ²	563,80
15.530.1729	Building a single-frame clad wall with gypsum boards (C 60 profile single ceiling - 60 cm axle space) (with single layer 12.5 mm standard gypsum boards)	m ²	585,45
15.530.1730	Building a single-frame clad wall with gypsum boards (C 60 profile single ceiling - 60 cm axle space) (with single layer 15 mm standard gypsum boards)	m ²	559,20
15.530.1731	Building a single-frame clad wall with gypsum boards (C 60 profile single ceiling - 60 cm axle space) (with single layer 15 mm gypsum boards with reduced water absorption rate)	m ²	582,83
15.530.1732	Building a single-frame clad wall with gypsum boards (C 60 profile single ceiling - 60 cm axle space) (with single layer 15 mm standard gypsum boards)	m ²	576,26
15.530.1733	Building a single-frame clad wall with gypsum boards (C 60 profile single ceiling - 60 cm axle space) (with single layer 15 mm standard gypsum boards)	m ²	599,89
15.530.1751	Building a single-frame clad wall with gypsum boards (C 60 profile single ceiling - 60 cm axle space) (with double layer 12.5 mm standard gypsum boards)	m ²	700,85
15.530.1752	Building a single-frame clad wall with gypsum boards (C 60 profile single ceiling - 60 cm axle space) (with double layer 12.5 mm gypsum boards with reduced water absorption rate)	m ²	740,23
15.530.1753	Building a single-frame clad wall with gypsum boards (C 60 profile single ceiling - 60 cm axle space) (with double layer 12.5 mm gypsum boards with enhanced fire-resistance)	m ²	738,91
15.530.1754	Building a single-frame clad wall with gypsum boards (C 60 profile single ceiling - 60 cm axle space) (with double layer 12.5 mm gypsum boards with reduced water absorption rate and enhanced fire-resistance)	m ²	782,23
15.530.1776	Building a single-frame clad wall with gypsum boards (C 50 profile single wall - 60 cm axle space) (with single layer 12.5 mm standard gypsum boards)	m ²	693,30
15.530.1777	Building a single-frame clad wall with gypsum boards (C 50 profile single wall - 60 cm axle space) (with single layer 12.5 mm gypsum boards with reduced water absorption rate)	m ²	712,99
15.530.1778	Building a single-frame clad wall with gypsum boards (C 50 profile single wall - 60 cm axle space) (with single layer 12.5 mm gypsum boards with enhanced fire-resistance)	m ²	712,34
15.530.1779	Building a single-frame clad wall with gypsum boards (C 50 profile single wall - 60 cm axle space) (with single layer 12.5 mm gypsum boards with reduced water absorption rate and enhanced fire-resistance)	m ²	733,99
15.530.1780	Building a single-frame clad wall with gypsum boards (C 50 profile single wall - 40 cm axle space) (with single layer 12.5 mm standard gypsum boards)	m ²	832,46

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.530.1781	Building a single-frame clad wall with gypsum boards (C 50 profile single wall - 40 cm axle space) (with single layer 12.5 mm gypsum boards with reduced water absorption rate)	m ²	852,15
15.530.1782	Building a single-frame clad wall with gypsum boards (C 50 profile single wall - 40 cm axle space) (with single layer 12.5 mm gypsum boards with enhanced fire-resistance)	m ²	851,50
15.530.1783	Building a single-frame clad wall with gypsum boards (C 50 profile single wall - 40 cm axle space) (with single layer 12.5 mm gypsum boards with reduced water absorption rate and enhanced fire-resistance)	m ²	873,15
15.530.1784	Building a single-frame clad wall with gypsum boards (C 75 profile single wall - 60 cm axle space) (with single layer 12.5 mm standard gypsum boards)	m ²	711,60
15.530.1785	Building a single-frame clad wall with gypsum boards (C 75 profile single wall - 60 cm axle space) (with single layer 12.5 mm gypsum boards with reduced water absorption rate)	m ²	731,29
15.530.1786	Building a single-frame clad wall with gypsum boards (C 75 profile single wall - 60 cm axle space) (with single layer 12.5 mm gypsum boards with enhanced fire-resistance)	m ²	730,64
15.530.1787	Building a single-frame clad wall with gypsum boards (C 75 profile single wall - 60 cm axle space) (with single layer 12.5 mm gypsum boards with reduced water absorption rate and enhanced fire-resistance)	m ²	752,29
15.530.1788	Building a single-frame clad wall with gypsum boards (C 75 profile single wall - 40 cm axle space) (with single layer 12.5 mm standard gypsum boards)	m ²	854,89
15.530.1789	Building a single-frame clad wall with gypsum boards (C 75 profile single wall - 40 cm axle space) (with single layer 12.5 mm gypsum boards with reduced water absorption rate)	m ²	874,58
15.530.1790	Building a single-frame clad wall with gypsum boards (C 75 profile single wall - 40 cm axle space) (with single layer 12.5 mm gypsum boards with enhanced fire-resistance)	m ²	873,93
15.530.1791	Building a single-frame clad wall with gypsum boards (C 75 profile single wall - 40 cm axle space) (with single layer 12.5 mm gypsum boards with reduced water absorption rate and enhanced fire-resistance)	m ²	895,58
15.530.1792	Building a single-frame clad wall with gypsum boards (C 50 profile single wall - 60 cm axle space) (with single layer 15 mm standard gypsum boards)	m ²	707,74
15.530.1793	Building a single-frame clad wall with gypsum boards (C 50 profile single wall - 60 cm axle space) (with single layer 15 mm gypsum boards with reduced water absorption rate)	m ²	760,90
15.530.1794	Building a single-frame clad wall with gypsum boards (C 50 profile single wall - 60 cm axle space) (with single layer 15 mm gypsum boards with enhanced fire-resistance)	m ²	724,80
15.530.1795	Building a single-frame clad wall with gypsum boards (C 50 profile single wall - 60 cm axle space) (with single layer 15 mm gypsum boards with reduced water absorption rate and enhanced fire-resistance)	m ²	748,43
15.530.1796	Building a single-frame clad wall with gypsum boards (C 50 profile single wall - 40 cm axle space) (with single layer 15 mm standard gypsum boards)	m ²	846,90
15.530.1797	Building a single-frame clad wall with gypsum boards (C 50 profile single wall - 40 cm axle space) (with single layer 15 mm gypsum boards with reduced water absorption rate)	m ²	870,53
15.530.1798	Building a single-frame clad wall with gypsum boards (C 50 profile single wall - 40 cm axle space) (with single layer 15 mm gypsum boards with enhanced fire-resistance)	m ²	863,96
15.530.1799	Building a single-frame clad wall with gypsum boards (C 50 profile single wall - 40 cm axle space) (with single layer 15 mm gypsum boards with reduced water absorption rate and enhanced fire-resistance)	m ²	887,59
15.530.1800	Building a single-frame clad wall with gypsum boards (C 75 profile single wall - 60 cm axle space) (with single layer 15 mm standard gypsum boards)	m ²	726,04
15.530.1801	Building a single-frame clad wall with gypsum boards (C 75 profile single wall - 60 cm axle space) (with single layer 15 mm gypsum boards with reduced water absorption rate)	m ²	749,66
15.530.1802	Building a single-frame clad wall with gypsum boards (C 75 profile single wall - 60 cm axle space) (with single layer 15 mm gypsum boards with enhanced fire-resistance)	m ²	743,10
15.530.1803	Building a single-frame clad wall with gypsum boards (C 75 profile single wall - 60 cm axle space) (with single layer 15 mm gypsum boards with reduced water absorption rate and enhanced fire-resistance)	m ²	766,73
15.530.1804	Building a single-frame clad wall with gypsum boards (C 75 profile single wall - 40 cm axle space) (with single layer 15 mm standard gypsum boards)	m ²	869,33
15.530.1805	Building a single-frame clad wall with gypsum boards (C 75 profile single wall - 40 cm axle space) (with single layer 15 mm gypsum boards with reduced water absorption rate)	m ²	892,95
15.530.1806	Building a single-frame clad wall with gypsum boards (C 75 profile single wall - 40 cm axle space) (with single layer 15 mm gypsum boards with enhanced fire-resistance)	m ²	886,39
15.530.1807	Building a single-frame clad wall with gypsum boards (C 75 profile single wall - 40 cm axle space) (with single layer 15 mm gypsum boards with reduced water absorption rate and enhanced fire-resistance)	m ²	910,01
15.530.1826	Building a single-frame clad wall with gypsum boards (C 50 profile single wall - 60 cm axle space) (with double layer 12.5 mm standard gypsum boards)	m ²	849,39
15.530.1827	Building a single-frame clad wall with gypsum boards (C 50 profile single wall - 60 cm axle space) (with double layer 12.5 mm gypsum boards with reduced water absorption rate)	m ²	888,76
15.530.1828	Building a single-frame clad wall with gypsum boards (C 50 profile single wall - 60 cm axle space) (with double layer 12.5 mm gypsum boards with enhanced fire-resistance)	m ²	887,45

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.530.1829	Building a single-frame clad wall with gypsum boards (C 50 profile single wall - 60 cm axle space) (with double layer 12.5 mm gypsum boards with reduced water absorption rate and enhanced fire-resistance)	m ²	930,76
15.530.1830	Building a single-frame clad wall with gypsum boards (C 50 profile single wall - 40 cm axle space) (with double layer 12.5 mm standard gypsum boards)	m ²	880,68
15.530.1831	Building a single-frame clad wall with gypsum boards (C 50 profile single wall - 40 cm axle space) (with double layer 12.5 mm gypsum boards with reduced water absorption rate)	m ²	920,05
15.530.1832	Building a single-frame clad wall with gypsum boards (C 50 profile single wall - 40 cm axle space) (with double layer 12.5 mm gypsum boards with enhanced fire-resistance)	m ²	918,74
15.530.1833	Building a single-frame clad wall with gypsum boards (C 50 profile single wall - 40 cm axle space) (with double layer 12.5 mm gypsum boards with reduced water absorption rate and enhanced fire-resistance)	m ²	962,05
Production of Suspended Ceilings			
15.530.1901	Building double-frame suspended ceilings with suspension system, using gypsum boards (U-nail distance: 900 mm in the same direction, Primary carrier profile distance: 1000 mm, Secondary carrier profile distance: 500 mm with axle distances) (using 12.5 mm single-layer standard gypsum boards)	m ²	1.002,11
15.530.1902	Building double-frame suspended ceilings with suspension system, using gypsum boards (U-nail distance: 900 mm in the same direction, Primary carrier profile distance: 1000 mm, Secondary carrier profile distance: 500 mm with axle distances) (using 12.5 mm single-layer gypsum boards with reduced water absorption rate)	m ²	1.021,80
15.530.1903	Building double-frame suspended ceilings with suspension system, using gypsum boards (U-nail distance: 900 mm in the same direction, Primary carrier profile distance: 1000 mm, Secondary carrier profile distance: 500 mm with axle distances) (using 12.5 mm single-layer gypsum boards with enhanced fire-resistance)	m ²	1.021,15
15.530.1904	Building double-frame suspended ceilings with suspension system, using gypsum boards (U-nail distance: 900 mm in the same direction, Primary carrier profile distance: 1000 mm, Secondary carrier profile distance: 500 mm with axle distances) (using 12.5 mm single-layer gypsum boards with reduced water absorption rate and enhanced fire-resistance)	m ²	1.042,80
15.530.1905	Building double-frame suspended ceilings with suspension system, using gypsum boards (Suspension bar distance: 900 mm in the same direction, Primary carrier profile distance: 1000 mm, Secondary carrier profile distance: 500 mm with axle distances) (using 12.5 mm single-layer standard gypsum boards)	m ²	1.008,26
15.530.1906	Building double-frame suspended ceilings with suspension system, using gypsum boards (Suspension bar distance: 900 mm in the same direction, Primary carrier profile distance: 1000 mm, Secondary carrier profile distance: 500 mm with axle distances) (using 12.5 mm single-layer gypsum boards with reduced water absorption rate)	m ²	1.027,95
15.530.1907	Building double-frame suspended ceilings with suspension system, using gypsum boards (Suspension bar distance: 900 mm in the same direction, Primary carrier profile distance: 1000 mm, Secondary carrier profile distance: 500 mm with axle distances) (using 12.5 mm single-layer gypsum boards with enhanced fire-resistance)	m ²	1.027,30
15.530.1908	Building double-frame suspended ceilings with suspension system, using gypsum boards (Suspension bar distance: 900 mm in the same direction, Primary carrier profile distance: 1000 mm, Secondary carrier profile distance: 500 mm with axle distances) (using 12.5 mm single-layer gypsum boards with reduced water absorption rate and enhanced fire-resistance)	m ²	1.048,95
15.530.1928	Building double-frame suspended ceilings with suspension system, using gypsum boards (Suspension bar distance: 750 mm in the same direction, Primary carrier profile distance: 800 mm, Secondary carrier profile distance: 500 mm with axle distances) (using 12.5 mm double-layer gypsum boards with enhanced fire-resistance)	m ²	1.199,54
15.530.1929	Building double-frame suspended ceilings with suspension system, using gypsum boards (Suspension bar distance: 750 mm in the same direction, Primary carrier profile distance: 800 mm, Secondary carrier profile distance: 500 mm with axle distances) (using 12.5 mm double-layer gypsum boards with reduced water absorption rate and enhanced fire-resistance)	m ²	1.242,85
15.530.1932	Building double-frame suspended ceilings with suspension system, using gypsum boards (Suspension bar distance: 750 mm in the same direction, Primary carrier profile distance: 800 mm, Secondary carrier profile distance: 500 mm with axle distances) (using 12.5 mm double-layer gypsum boards with enhanced fire-resistance)	m ²	1.220,38
15.530.1933	Building double-frame suspended ceilings with suspension system, using gypsum boards (Suspension bar distance: 750 mm in the same direction, Primary carrier profile distance: 800 mm, Secondary carrier profile distance: 500 mm with axle distances) (using 12.5 mm double-layer gypsum boards with reduced water absorption rate and enhanced fire-resistance)	m ²	1.263,69
METAL AND PVC SUSPENDED CEILING			
15.535.1001	Making lay-on ceiling systems made of 60 x 60 cm, 0.70-mm-thick, unperforated aluminum sheet (EN AW 3000 series) coated with min. 20-micron (polyester-based) electrostatic powder paint	m ²	833,29
15.535.1002	Making lay-on ceiling systems made of 60 x 60 cm, 0.70-mm-thick, perforated aluminum sheet (EN AW 3000 series) coated with min. 20-micron (polyester-based) electrostatic powder paint	m ²	852,98
15.535.1003	Making lay-on ceiling systems made of 60 x 60 cm, 0.70-mm-thick, perforated aluminum sheet (EN AW 3000 series) coated with min. 20-micron (polyester-based) electrostatic powder paint and lined with acoustic fabric on the back side	m ²	918,60
15.535.1004	Making lay-on ceiling systems made of 30 x 30 cm, 0.50-mm-thick, unperforated aluminum sheet (EN AW 3000 series) coated with min. 20-micron (polyester-based) electrostatic powder paint	m ²	1.166,73
15.535.1005	Making lay-on ceiling systems made of 30 x 30 cm, 0.70-mm-thick, unperforated aluminum sheet (EN AW 3000 series) coated with min. 20-micron (polyester-based) electrostatic powder paint	m ²	1.186,41

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.535.1006	Making lay-on ceiling systems made of 30 x 30 cm, 0.50-mm-thick, perforated aluminum sheet (EN AW 3000 series) coated with min. 20-micron (polyester-based) electrostatic powder paint	m ²	1.173,29
15.535.1007	Making lay-on ceiling systems made of 30 x 30 cm, 0.70-mm-thick, perforated aluminum sheet (EN AW 3000 series) coated with min. 20-micron (polyester-based) electrostatic powder paint	m ²	1.186,41
15.535.1008	Making lay-on ceiling systems made of 30 x 30 cm, 0.50-mm-thick, perforated aluminum sheet (EN AW 3000 series) coated with min. 20-micron (polyester-based) electrostatic powder paint and lined with acoustic fabric on the back side	m ²	1.186,41
15.535.1009	Making lay-on ceiling systems made of 30 x 30 cm, 0.70-mm-thick, perforated aluminum sheet (EN AW 3000 series) coated with min. 20-micron (polyester-based) electrostatic powder paint and lined with acoustic fabric on the back side	m ²	1.206,10
15.535.1010	Making lay-on ceiling systems made of 60 x 60-cm, 0.50-mm-thick hot-dip galvanized, unperforated metal sheets coated with min. 20-micron (polyester-based) electrostatic powder paint	m ²	750,60
15.535.1011	Making lay-on ceiling systems made of 60 x 60-cm, 0.50-mm-thick hot-dip galvanized, perforated metal sheets coated with min. 20-micron (polyester-based) electrostatic powder paint	m ²	750,60
15.535.1012	Making lay-on ceiling systems made of 60 x 60-cm, 0.50-mm-thick hot-dip galvanized, perforated metal sheets coated with min. 20-micron (polyester-based) electrostatic powder paint and lined with acoustic fabric on the back side	m ²	780,79
15.535.1013	Making lay-in ceiling systems made of 60 x 60 cm, 0.70-mm-thick, unperforated aluminum sheet (EN AW 3000 series) coated with min. 20-micron (polyester-based) electrostatic powder paint	m ²	838,85
15.535.1014	Making lay-in ceiling systems made of 60 x 60 cm, 0.70-mm-thick, perforated aluminum sheet (EN AW 3000 series) coated with min. 20-micron (polyester-based) electrostatic powder paint	m ²	858,54
15.535.1015	Making lay-in ceiling systems made of 60 x 60 cm, 0.70-mm-thick, perforated aluminum sheet (EN AW 3000 series) coated with min. 20-micron (polyester-based) electrostatic powder paint and lined with acoustic fabric on the back side	m ²	904,48
15.535.1016	Making lay-in ceiling systems made of 30 x 30 cm, 0.50-mm-thick, unperforated aluminum sheet (EN AW 3000 series) coated with min. 20-micron (polyester-based) electrostatic powder paint	m ²	1.172,29
15.535.1017	Making lay-in ceiling systems made of 30 x 30 cm, 0.70-mm-thick, unperforated aluminum sheet (EN AW 3000 series) coated with min. 20-micron (polyester-based) electrostatic powder paint	m ²	1.178,85
15.535.1018	Making lay-in ceiling systems made of 30 x 30 cm, 0.50-mm-thick, perforated aluminum sheet (EN AW 3000 series) coated with min. 20-micron (polyester-based) electrostatic powder paint	m ²	1.172,29
15.535.1019	Making lay-in ceiling systems made of 30 x 30 cm, 0.70-mm-thick, perforated aluminum sheet (EN AW 3000 series) coated with min. 20-micron (polyester-based) electrostatic powder paint	m ²	1.191,98
15.535.1020	Making lay-in ceiling systems made of 30 x 30 cm, 0.50-mm-thick, perforated aluminum sheet (EN AW 3000 series) coated with min. 20-micron (polyester-based) electrostatic powder paint and lined with acoustic fabric on the back side	m ²	1.214,29
15.535.1021	Making lay-in ceiling systems made of 30 x 30 cm, 0.70-mm-thick, perforated aluminum sheet (EN AW 3000 series) coated with min. 20-micron (polyester-based) electrostatic powder paint and lined with acoustic fabric on the back side	m ²	1.214,29
15.535.1022	Making lay-in ceiling systems made of 60 x 60-cm, 0.50-mm-thick hot-dip galvanized, unperforated metal sheets coated with min. 20-micron (polyester-based) electrostatic powder paint	m ²	714,16
15.535.1023	Making lay-in ceiling systems made of 60 x 60-cm, 0.50-mm-thick hot-dip galvanized, perforated metal sheets coated with min. 20-micron (polyester-based) electrostatic powder paint	m ²	746,98
15.535.1024	Making lay-in ceiling systems made of 60 x 60-cm, 0.50-mm-thick hot-dip galvanized, perforated metal sheets coated with min. 20-micron (polyester-based) electrostatic powder paint and lined with acoustic fabric on the back side	m ²	787,66
15.535.1025	Making clip-in ceiling systems made of 60 x 60-cm, 0.70-mm-thick unperforated aluminum sheets (EN AW 3000 series) coated with min. 20-micron (polyester-based) electrostatic powder paint	m ²	954,06
15.535.1026	Making clip-in ceiling systems made of 60 x 60-cm, 0.70-mm-thick perforated aluminum sheets (EN AW 3000 series) coated with min. 20-micron (polyester-based) electrostatic powder paint	m ²	1.000,00
15.535.1027	Making clip-in ceiling systems made of 60 x 60 cm, 0.70-mm-thick, perforated aluminum sheet (EN AW 3000 series) coated with min. 20-micron (polyester-based) electrostatic powder paint and lined with acoustic fabric on the back side	m ²	1.072,19
15.535.1028	Making clip-in ceiling systems made of 30 x 30-cm, 0.50-mm-thick unperforated aluminum sheets (EN AW 3000 series) coated with 20-micron (polyester-based) electrostatic powder paint	m ²	1.223,30
15.535.1029	Making clip-in ceiling systems made of 30 x 30-cm, 0.70-mm-thick unperforated aluminum sheets (EN AW 3000 series) coated with 20-micron (polyester-based) electrostatic powder paint	m ²	1.291,55

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.535.1030	Making clip-in ceiling systems made of 30 x 30-cm, 0.50-mm-thick perforated aluminum sheets (EN AW 3000 series) coated with 20-micron (polyester-based) electrostatic powder paint	m ²	1.229,86
15.535.1031	Making clip-in ceiling systems made of 30 x 30-cm, 0.70-mm-thick perforated aluminum sheets (EN AW 3000 series) coated with 20-micron (polyester-based) electrostatic powder paint	m ²	1.308,61
15.535.1032	Making clip-in ceiling systems made of 30 x 30 cm, 0.50-mm-thick, perforated aluminum sheet (EN AW 3000 series) coated with min. 20-micron (polyester-based) electrostatic powder paint and lined with acoustic fabric on the back side	m ²	1.242,99
15.535.1033	Making clip-in ceiling systems made of 60 x 60-cm, 0.50-mm-thick unperforated hot-dip galvanized metal sheets coated with 20-micron (polyester-based) electrostatic powder paint	m ²	820,70
15.535.1034	Making clip-in ceiling systems made of 60 x 60-cm, 0.50-mm-thick perforated hot-dip galvanized metal sheets coated with 20-micron (polyester-based) electrostatic powder paint	m ²	827,26
15.535.1035	Making clip-in ceiling systems made of 60 x 60-cm, 0.50-mm-thick hot-dip galvanized, perforated metal sheets coated with min. 20-micron (polyester-based) electrostatic powder paint and lined with acoustic fabric on the back side	m ²	866,64
15.535.1036	Making suspended ceiling with 15-mm grid covers using 85-mm-wide, 0.70-mm-thick aluminum grids coated with roller-applied, 20-micron polyester-based paint	m ²	953,83
15.535.1037	Making suspended ceiling with 20-mm grid covers using 85-mm-wide, 0.70-mm-thick perforated aluminum grids coated with roller-applied, 20-micron polyester-based paint	m ²	1.055,08
15.535.1038	Making suspended ceiling with 20-mm grid covers using 100-mm-wide, 0.70-mm-thick aluminum grids coated with roller-applied, 20-micron polyester-based paint	m ²	886,88
15.535.1039	Making suspended ceiling with 20-mm grid covers using 100-mm-wide, 0.70-mm-thick perforated aluminum grids coated with roller-applied, 20-micron polyester-based paint	m ²	984,75
15.535.1051	Construction of a hard PVC suspended ceiling sized 60 x 60 cm and in any color and pattern	m ²	616,73
COATING AND LINING WORKS			
Wooden Surfaces			
15.540.1014	Varnishing of wooden surfaces	m ²	235,53
15.540.1015	Varnishing of wooden surfaces with colored wood preservative containing varnish	m ²	241,59
15.540.1016	Preservation of wooden surfaces with colored wooden protectives	m ²	220,00
15.540.1017	Polishing of any wooden parquet flooring	m ²	342,25
15.540.1021	One layer of synthetic-based glossy coating on wooden surfaces	m ²	190,33
15.540.1022	One layer of synthetic-based matte coating on wooden surfaces	m ²	185,64
15.540.1023	Two layers of synthetic-based glossy coating on wooden surfaces	m ²	248,39
15.540.1024	Two layers of synthetic-based matte coating on wooden surfaces	m ²	239,01
15.540.1025	Two layers of synthetic coating with water-based paint on wooden surfaces (except wooden doors, windows, display windows, etc.)	m ²	384,58
Iron-Metal Surfaces			
15.540.1111	Two layer coating of iron surfaces against corrosion	m ²	217,30
15.540.1121	Two layers of anti-rust and two layers of synthetic-based glossy coating on iron surfaces	m ²	301,55
15.540.1122	Two layers of anti-rust and two layers of synthetic-based matte coating on iron surfaces	m ²	265,33
15.540.1123	Two layers of solvent-based epoxy coating of iron surfaces	m ²	328,90
Exterior Wall Coating			
15.540.1421	1.5-mm-thick colored acrylic-based coating of concrete, plaster and similar other structures	m ²	455,00
15.540.1422	2-mm-thick colored acrylic-based coating of concrete, plaster and similar other structures	m ²	505,00
15.540.1423	3-mm-thick colored acrylic-based coating of concrete, plaster and similar other structures	m ²	586,56
15.540.1424	1.5-mm-thick colored, silicon-added, acrylic-based coating of concrete, plaster and similar other structures	m ²	474,25
15.540.1425	2-mm-thick colored, silicon-added, acrylic-based coating of concrete, plaster and similar other structures	m ²	533,00
15.540.1426	3-mm-thick colored, silicon-added, acrylic-based coating of concrete, plaster and similar other structures	m ²	621,56
15.540.1427	1.5-mm-thick cement-based coating of concrete, plaster and similar other structures	m ²	372,99
15.540.1428	2-mm-thick cement-based coating of concrete, plaster and similar other structures	m ²	375,93
15.540.1429	3-mm-thick cement-based coating of concrete, plaster and similar other structures	m ²	435,55

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
Interior Wall Paint			
15.540.1501	Priming of exposed concrete surfaces with plaster or grout (interior wall)	m ²	106,88
15.540.1502	Preparation of stained and sooty wall surfaces for paint work (interior wall)	m ²	222,50
15.540.1503	Whitewashing of surfaces with old paint in three layers using white lime (interior walls)	m ²	209,59
15.540.1504	Whitewashing of surfaces with old paint in three layers using colored lime (interior walls)	m ²	210,19
15.540.1505	Applying primer, and two layers of water-based silicon matte interior wall coating (Covering Class: 2, WSR Class: 2, Gloss: G3) on surfaces with old paint (interior wall)	m ²	174,66
15.540.1506	Applying primer, and two layers of water-based silicon soft matte interior wall coating (Covering Class: 2, WSR Class: 1, Gloss: G2) on surfaces with old paint (interior wall)	m ²	187,53
15.540.1507	Applying primer, and two layers of water-based silicon plastic matte interior wall coating (Covering Class: 2, WSR Class: 2, Gloss: G3) on surfaces with old paint (interior wall)	m ²	173,65
15.540.1508	Applying primer, and two layers of water-based silicon silk matte interior wall coating (Covering Class: 2, WSR Class: 1, Gloss: G2) on surfaces with old paint (interior wall)	m ²	178,41
15.540.1509	Applying primer, and two layers of water-based silicon semi-matte interior wall coating (Covering Class: 2, WSR Class: 1, Gloss: G2) on surfaces with old paint (interior wall)	m ²	183,21
15.540.1510	Applying primer, and two layers of water-based silicon matte antibacterial interior wall coating (Covering Class: 2, WSR Class: 2, Gloss: G3) on surfaces with old paint (interior wall)	m ²	212,59
15.540.1511	Applying primer, and two layers of water-based silicon silk matte antibacterial interior wall coating (Covering Class: 2, WSR Class: 1, Gloss: G2) on surfaces with old paint	m ²	215,94
15.540.1512	Applying primer, and two layers of water-based plastic antibacterial interior wall coating (Covering Class: 2, WSR Class: 2, Gloss: G3) on surfaces with old paint (interior wall)	m ²	249,98
15.540.1513	Applying putty, primer, and two layers of synthetic-based glossy coating on surfaces with old paint (interior wall)	m ²	259,73
15.540.1514	Applying putty, primer, and two layers of synthetic-based matte coating on surfaces with old paint (interior wall)	m ²	249,00
15.540.1515	Whitewashing of surfaces with new plaster in three layers using white lime (interior walls)	m ²	208,81
15.540.1516	Whitewashing of surfaces with new plaster in three layers using colored lime (interior walls)	m ²	209,41
15.540.1517	Applying putty, primer and two layers of water-based silicon matte interior wall coating (Covering Class: 2, WSR Class: 2, Gloss: G3) on surfaces with new plaster (interior wall)	m ²	299,96
15.540.1518	Applying putty, primer and two layers of water-based silicon soft matte interior wall coating (Covering Class: 2, WSR Class: 1, Gloss: G2) on surfaces with new plaster (interior wall)	m ²	302,51
15.540.1519	Applying putty, primer and two layers of water-based plastic matte interior wall coating (Covering Class: 2, WSR Class: 2, Gloss: G3) on surfaces with new plaster (interior wall)	m ²	296,81
15.540.1520	Applying primer and two layers of water-based silicon matte interior wall coating (Covering Class: 2, WSR Class: 2, Gloss: G3) on surfaces with new plaster (interior wall)	m ²	173,63
15.540.1521	Applying primer and two layers of water-based silicon soft matte interior wall coating (Covering Class: 2, WSR Class: 1, Gloss: G2) on surfaces with new plaster (interior wall)	m ²	178,83
15.540.1522	Applying primer and two layers of water-based plastic matte interior wall coating (Covering Class: 2, WSR Class: 2, Gloss: G3) on surfaces with new plaster (interior wall)	m ²	172,65
15.540.1523	Applying primer and two layers of water-based silicon matte interior wall coating (Covering Class: 2, WSR Class: 2, Gloss: G3) on surfaces with satin plaster and gypsum board (interior wall)	m ²	146,50
15.540.1524	Applying primer and two layers of water-based silicon soft matte interior wall coating (Covering Class: 2, WSR Class: 1, Gloss: G2) on surfaces with satin plaster and gypsum board (interior wall)	m ²	149,05
15.540.1525	Applying primer and two layers of water-based plastic matte interior wall coating (Covering Class: 2, WSR Class: 2, Gloss: G3) on surfaces with satin plaster and gypsum board (interior wall)	m ²	143,35
15.540.1526	Applying putty, primer and two layers of water-based silicon silk matte interior wall coating (Covering Class: 2, WSR Class: 1, Gloss: G2) on surfaces with new plaster (interior wall)	m ²	309,40
15.540.1527	Applying primer and two layers of water-based silicon silk matte interior wall coating (Covering Class: 2, WSR Class: 1, Gloss: G2) on surfaces with new plaster (interior wall)	m ²	180,13
15.540.1528	Applying primer and two layers of water-based silicon silk matte interior wall coating (Covering Class: 2, WSR Class: 1, Gloss: G2) on surfaces with satin plaster and gypsum board (interior wall)	m ²	150,25
15.540.1529	Applying putty, primer and two layers of water-based silicon semi-matte interior wall coating (Covering Class: 2, WSR Class: 1, Gloss: G2) on surfaces with new plaster (interior wall)	m ²	308,51
15.540.1530	Applying primer and two layers of water-based silicon semi-matte interior wall coating (Covering Class: 2, WSR Class: 1, Gloss: G2) on surfaces with new plaster (interior wall)	m ²	182,93
15.540.1531	Applying primer and two layers of water-based silicon semi-matte interior wall coating (Covering Class: 2, WSR Class: 1, Gloss: G2) on surfaces with satin plaster and gypsum board (interior wall)	m ²	155,05

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.540.1532	Applying putty, primer and two layers of water-based silicon matte antibacterial interior wall coating (Covering Class: 2, WSR Class: 2, Gloss: G3) on surfaces with new plaster (interior wall)	m ²	298,89
15.540.1533	Applying putty, primer and two layers of water-based silicon silk matte antibacterial interior wall coating (Covering Class: 2, WSR Class: 1, Gloss: G2) on surfaces with new plaster (interior wall)	m ²	305,64
15.540.1534	Applying putty, primer and two layers of water-based plastic antibacterial interior wall coating (Covering Class: 2, WSR Class: 2, Gloss: G3) on surfaces with new plaster (interior wall)	m ²	293,49
15.540.1535	Applying primer and two layers of water-based silicon matte antibacterial interior wall coating (Covering Class: 2, WSR Class: 2, Gloss: G3) on surfaces with new plaster (interior wall)	m ²	245,43
15.540.1536	Applying primer and two layers of water-based silicon silk matte antibacterial interior wall coating (Covering Class: 2, WSR Class: 1, Gloss: G2) on surfaces with new plaster (interior wall)	m ²	248,78
15.540.1537	Applying primer and two layers of water-based plastic antibacterial interior wall coating (Covering Class: 2, WSR Class: 2, Gloss: G3) on surfaces with new plaster (interior wall)	m ²	237,98
15.540.1538	Applying primer and two layers of water-based silicon matte antibacterial interior wall coating (Covering Class: 2, WSR Class: 2, Gloss: G3) on surfaces with satin plaster and gypsum board (interior wall)	m ²	193,09
15.540.1539	Applying primer and two layers of water-based silicon silk matte antibacterial interior wall coating (Covering Class: 2, WSR Class: 1, Gloss: G2) on surfaces with satin plaster and gypsum board (interior wall)	m ²	199,09
15.540.1540	Applying primer and two layers of water-based plastic antibacterial interior wall coating (Covering Class: 2, WSR Class: 2, Gloss: G3) on surfaces with satin plaster and gypsum board (interior wall)	m ²	188,29
15.540.1541	Applying putty, primer and two layers of synthetic-based glossy coating on surfaces with new plaster (interior wall)	m ²	292,65
15.540.1542	Applying putty, primer and two layers of synthetic-based matte coating on surfaces with new plaster (interior wall)	m ²	281,93
15.540.1543	Applying primer and two layers of synthetic-based glossy coating on surfaces with new plaster (interior wall)	m ²	298,56
15.540.1544	Applying primer and two layers of synthetic-based matte coating on surfaces with new plaster (interior wall)	m ²	287,84
15.540.1545	Applying primer and two layers of synthetic coating on surfaces with satin plaster and gypsum board (interior wall)	m ²	282,94
15.540.1546	Applying primer and two layers of synthetic coating on surfaces with satin plaster and gypsum board (interior wall)	m ²	272,21
15.540.1547	Applying two layers of water-based ceiling paint (Covering Class: 2, WSR Class: 5, Gloss: G3) on surfaces with old paint (interior wall)	m ²	181,23
15.540.1548	Applying two layers of water-based ceiling paint (Covering Class: 2, WSR Class: 5, Gloss: G3) on surfaces with new plaster (interior wall)	m ²	204,44
15.540.1549	Applying two layers of water-based ceiling paint (Covering Class: 2, WSR Class: 5, Gloss: G3) on surfaces with satin plaster (interior wall)	m ²	180,94
Exterior Wall Paint			
15.540.1601	Priming and coating of exposed concrete or surfaces with plaster or old paint, using acrylic copolymer emulsion exterior wall paint (V1:W1:G3) (exterior wall)	m ²	289,75
15.540.1602	Priming and coating of exposed concrete or surfaces with plaster or old paint, using pure acrylic exterior wall paint (V3:W3:G2) (exterior wall)	m ²	309,31
15.540.1603	Priming and coating of exposed concrete or surfaces with plaster or old paint, using pure acrylic exterior wall paint (V2:W3:G2) (exterior wall)	m ²	313,56
15.540.1604	Priming and coating of exposed concrete or surfaces with plaster or old paint, using pure acrylic exterior wall paint (V1:W3:G2) (exterior wall)	m ²	315,81
15.540.1605	Priming and coating of exposed concrete or surfaces with plaster or old paint, using water-based silicon exterior wall paint (V1:W3:G3) (exterior wall)	m ²	312,81
15.540.1606	Priming and coating of exposed concrete or surfaces with plaster or old paint, using water-based silicon exterior wall paint (V2:W3:G3) (exterior wall)	m ²	305,81
15.540.1607	Applying primer and coating on exposed concrete or surfaces with plaster or former paint, using silicon, grained/textured lining (exterior wall)	m ²	404,13
15.540.1608	Priming and coating of exposed concrete or surfaces with plaster or old paint, using water-based photocatalytic silicon exterior wall paint (V2:W3:G3) (exterior wall)	m ²	310,31
15.540.1609	Priming and coating of exposed concrete or surfaces with plaster or old paint, using water-based photocatalytic pure acrylic exterior wall paint (V1:W3:G2) (exterior wall)	m ²	337,29
15.540.1610	Application of water-based, transparent, UV-resistant protective coating on exposed concrete or plastered surfaces (exterior wall)	m ²	308,61
15.540.1611	Siloxane-based, UV-resistant, transparent surface protection coating of natural stone and pressed bricks (exterior wall)	m ²	305,19
15.540.1612	Applying primer and coating on precast surfaces, using pure acrylic-based exterior wall paint (V3:W3:G2) (exterior wall)	m ²	329,76

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.540.1613	Applying primer and coating on precast surfaces, using pure acrylic-based exterior wall paint (V2:W3:G2) (exterior wall)	m ²	334,01
15.540.1614	Applying primer and coating on precast surfaces, using pure acrylic-based exterior wall paint (V1:W3:G2) (exterior wall)	m ²	336,26
15.540.1615	Applying water-based, transparent, UV-resistant protective coating on precast surfaces (exterior wall)	m ²	308,61
15.540.1616	Applying siloxane-based, UV-resistant, transparent surface protection coating on precast surfaces (exterior wall)	m ²	305,19
15.540.1617	Priming and coating of cement and magnesite surfaces, using water-based photocatalytic silicon exterior wall paint (V2:W3:G3) (exterior wall)	m ²	310,31
15.540.1618	Priming and coating of cement and magnesite surfaces, using water-based photocatalytic pure acrylic exterior wall paint (V1:W3:G2) (exterior wall)	m ²	323,31
15.540.1619	Priming and coating of glass-fiber-reinforced surfaces, using water-based photocatalytic silicon exterior wall paint (V2:W3:G3) (exterior wall)	m ²	310,31
15.540.1620	Priming and coating of glass-fiber-reinforced surfaces, using water-based photocatalytic pure acrylic exterior wall paint (V1:W3:G2) (exterior wall)	m ²	323,31
15.540.1621	Priming and coating of surfaces with thermal insulation, using water-based photocatalytic silicon exterior wall paint (V2:W3:G3) (exterior wall)	m ²	310,31
15.540.1622	Priming and coating of surfaces with thermal insulation, using water-based photocatalytic pure acrylic exterior wall paint (V1:W3:G2) (exterior wall)	m ²	323,31
15.540.1623	Applying primer and coating on precast surfaces, using pure acrylic-based, grained/textured, flexible exterior wall paint (V3:W3:G2) (exterior wall)	m ²	404,36
15.540.1624	Applying primer and coating on precast surfaces, using pure acrylic-based, grained/textured, flexible exterior wall paint (V2:W3:G2) (exterior wall)	m ²	414,45
STEEL DOORS AND WINDOWS:			
15.550.1001	Production and installation of windows and doors with square and rectangular profiles	Kg	149,91
15.550.1002	Production and installation of 1,50-mm-thick, hot-rolled bent sheet metal door frames	Kg	176,24
15.550.1003	Production and installation of 2.00-mm-thick, hot-rolled bent sheet metal door frames	Kg	174,78
15.550.1004	Production and installation of 1,50-mm-thick, plain black bent sheet metal door frames	Kg	176,24
15.550.1005	Production and installation of 2.00-mm-thick, plain black bent sheet metal door frames	Kg	174,78
VARIOUS IRON STRUCTURES			
15.550.1201	Production and installation of individual structures (water tanks and similar other structures) made of various profile irons and metal sheets.	Kg	134,89
15.550.1202	Production and installation of various iron works made of flat bar and profile iron	Kg	143,11
15.550.1203	Production and installation of railings made by welding iron pipes	Kg	137,65
15.550.1204	Production of installation of diamond-shaped sheet metal flooring (on the existing beams, compartments, stairs and carriers)	Kg	126,39
WIRE MESH FENCING WORKS			
15.555.1001	Building fences using hot-dip galvanized panel wires with 50 x 150 mm mesh size, which are 1.00 m high, Ø4.5 mm in diameter, twisted min. twice and coated with electrostatic polyester powder paint (To be applied on a wall with 2.5 m distance between the posts)	m	537,64
15.555.1002	Building fences using hot-dip galvanized panel wires with 50 x 150 mm mesh size, which are 1.20 m high, Ø4.5 mm in diameter, twisted min. twice and coated with electrostatic polyester powder paint (To be applied on a wall with 2.5 m distance between the posts)	m	625,64
15.555.1003	Building fences using hot-dip galvanized panel wires with 50 x 150 mm mesh size, which are 1.50 m high, Ø4.5 mm in diameter, twisted min. three times and coated with electrostatic polyester powder paint (To be applied on a wall with 2.5 m distance between the posts)	m	705,64
MANHOLE COVER AND GRATING			
15.560.1001	Production and installation of pig iron grating, cover and drainage ditch	Kg	103,75
15.560.1002	Supply and installation of glass-fiber-reinforced composite manhole covers (net clearance of the cover shall be min. 600 mm)	Qty	4.592,50
15.560.1003	Supply and installation of reinforced concrete composite manhole covers (net clearance of the cover shall be min. 600 mm)	Qty	3.842,50
15.560.1004	Supply and installation of polymer-based composite manhole covers with steel reinforcement (net clearance of the cover shall be min. 600 mm)	Qty	4.217,50
GARDENING AND LANDSCAPING WORKS			

15.100.-Construction Unit Prices and Definitions List

Item No	Description	UoM	Unit Price (TRY)
15.560.2001	Manual laying of the excavated soil with approximately 30 cm height (for gardening and landscaping works)	m ³	123,75
SEISMIC ISOLATORS			
15.570.1001	Supply and installation of double friction earthquake isolation units with an equivalent curvature radius between 2000-4000 mm, maximum vertical load carrying capacity between 2501-5000 kN, horizontal displacement capacity between ± 201 -300 mm.	Quantity	131.103,55
15.570.1002	Supply and installation of double friction earthquake isolation units with an equivalent curvature radius between 2000-4000 mm, maximum vertical load carrying capacity between 5001-7500 kN, horizontal displacement capacity between ± 201 -300 mm.	Quantity	155.527,30
15.570.1003	Supply and installation of double friction earthquake isolation units with an equivalent curvature radius between 2000-4000 mm, maximum vertical load carrying capacity between 7501-10000 kN, horizontal displacement capacity between ± 201 -300 mm.	Quantity	179.951,05
15.570.1004	Supply and installation of double friction earthquake isolation units with an equivalent curvature radius between 4001-6000 mm, maximum vertical load carrying capacity between 2501-5000 kN, horizontal displacement capacity between ± 301 -400 mm.	Quantity	147.451,05
15.570.1005	Supply and installation of double friction earthquake isolation units with an equivalent curvature radius between 4001-6000 mm, maximum vertical load carrying capacity between 2501-5000 kN, horizontal displacement capacity between ± 401 -500 mm.	Quantity	175.072,93
15.570.1006	Supply and installation of double friction earthquake isolation units with an equivalent curvature radius between 4001-6000 mm, maximum vertical load carrying capacity between 5001-7500 kN, horizontal displacement capacity between ± 301 -400 mm.	Quantity	163.774,18
15.570.1007	Supply and installation of double friction earthquake isolation units with an equivalent curvature radius between 4001-6000 mm, maximum vertical load carrying capacity between 5001-7500 kN, horizontal displacement capacity between ± 401 -500 mm.	Quantity	206.591,05
15.570.1008	Supply and installation of double friction earthquake isolation units with an equivalent curvature radius between 4001-6000 mm, maximum vertical load carrying capacity between 7501-10000 kN, horizontal displacement capacity between ± 301 -400 mm.	Quantity	191.493,55
15.570.1009	Supply and installation of double friction earthquake isolation units with an equivalent curvature radius between 4001-6000 mm, maximum vertical load carrying capacity between 7501-10000 kN, horizontal displacement capacity between ± 401 -500 mm.	Quantity	222.926,36
15.570.1010	Supply and installation of double friction earthquake isolation units with an equivalent curvature radius between 6001-8000 mm, maximum vertical load carrying capacity between 2501-5000 kN, horizontal displacement capacity between ± 601 -700 mm.	Quantity	248.133,55
15.570.1011	Supply and installation of double friction earthquake isolation units with an equivalent curvature radius between 6001-8000 mm, maximum vertical load carrying capacity between 2501-5000 kN, horizontal displacement capacity between ± 701 -800 mm.	Quantity	298.352,93
15.570.1012	Supply and installation of double friction earthquake isolation units with an equivalent curvature radius between 6001-8000 mm, maximum vertical load carrying capacity between 5001-7500 kN, horizontal displacement capacity between ± 601 -700 mm.	Quantity	281.981,05
15.570.1013	Supply and installation of double friction earthquake isolation units with an equivalent curvature radius between 6001-8000 mm, maximum vertical load carrying capacity between 5001-7500 kN, horizontal displacement capacity between ± 701 -800 mm.	Quantity	342.590,43
15.570.1014	Supply and installation of double friction earthquake isolation units with an equivalent curvature radius between 6001-8000 mm, maximum vertical load carrying capacity between 7501-10000 kN, horizontal displacement capacity between ± 601 -700 mm.	Quantity	298.657,61
15.570.1015	Supply and installation of double friction earthquake isolation units with an equivalent curvature radius between 6001-8000 mm, maximum vertical load carrying capacity between 7501-10000 kN, horizontal displacement capacity between ± 701 -800 mm.	Quantity	367.712,30



REPUBLIC OF TÜRKİYE
MINISTRY OF ENVIRONMENT, URBANIZATION,
AND CLIMATE CHANGE

Higher Technical Board

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MECHANICAL INSTALLATION
WORKS

2025



GENERAL PROVISIONS AND EXPLANATIONS FOR MECHANICAL INSTALLATIONS

- 1- Prepared pursuant to Article 97, Paragraph 1, subparagraph (k) of Presidential Decree No. 1 on the Organization of the Presidency, regarding the Organization and Duties of our Ministry.
- 2- In case there are printer's and material errors in Unit Prices, the latest values as may be corrected by the Ministry of Environment, Urbanization, and Climate Change shall be taken as basis, and the amendments made accordingly shall be published in the page of the Higher Technical Board on www.csb.gov.tr or directly on <https://yfk.csb.gov.tr/>.
- 3- In case of a later change in the unit price standards applied, the latest versions of the standards in effect shall apply. Furthermore, they have to be supplied to the market securely in compliance with the applicable legislation.
- 4- The General Technical Specifications published by the Ministry of Environment, Urbanization, and Climate Change shall form an integral part of these unit prices and definitions.
- 5- The unit prices including installation and installation fees given in the list include the Contractor's 25% profit and overheads.
- 6- The list of materials and equipment in the Unit Price Lists that are not eligible for advance payment shall be determined by the relevant authorities.
- 7- The advance provision rates specified in the Unit Price Lists are percentages of the unit prices including installation. Advance material costs are subject to deductions.
- 8- For the materials and products listed below by name, type, and category to be used in contracted works, the following shall apply in order:
 - 8.1. It shall be compulsory to present a Certificate of Compliance with the Turkish Standards for any material, for which the Unit Price Definition does not include a TSE number but there is a Turkish Standard is published.
 - 8.2. Documents that certify quality and compliance with the principles provided herein as well as international or foreign standards, and technical or special specifications shall be required for the items for which a Turkish Standard is not available.
 - 8.3. Any document mentioned in the items (8.1), (8.2) should be issued by authorized bodies.
- 9- All installation equipment shall be selected, applied, and commissioned in compliance with the provisions of the current "Regulation on the Protection of Buildings from Fire" and the "Construction Materials Regulation."
- 10- For pump equipment,

The "Communiqué on Environmentally Sensitive Design Requirements for Standalone or Integrated Glandless Recirculating Pumps" published in the Official Gazette no. 28063 dated 23 September 2011,

The "Communiqué on Environmentally Sensitive Design Requirements for Electric Motors" published in the Official Gazette no. 28197 dated 7 February 2012, and

The "Communiqué on the Designation, Nominal Operating Point and Dimensions of End-suction Centrifugal Pumps (Nominal Pressure: 16 bars)" published in the Official Gazette no. 28508 dated 25 December 2012 shall be followed.

11- As per the regulation on energy performance in buildings:

"a) If liquid-fuel, forced blowing burners are used burners with the following specifications:

- 1) For the systems with up to 100 kW heating capacity, single-stage burners with servo-controlled air suction damper, or two-stage or proportional-control burners,
- 2) For the systems with 100 to 1200-kW heating capacity, two-stage or proportional-control burners, and for the systems with min. 1200-kW capacity, only proportional-control burners,
- 3) For the systems above 3000 kW, burners with flue gas oxygen control system shall be used.

b) If gas-fueled, forced blowing burners are used:

- 1) For the systems with up to 100 kW heating capacity, single-stage burners with servo-controlled air suction damper, or two-stage or proportional-control burners,
- 2) For the systems with 100 to 600-kW heating capacity, two-stage or proportional-control burners, and for the systems with min. 600-kW capacity, only proportional-control burners,
- 3) For the systems above 3000 kW, burners with flue gas oxygen control system

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12- The values listed herein are exclusive of VAT.

(Effective as of January 1, 2025.)

SHEET METAL THICKNESS CHARTS ADVISED FOR MODULAR WATER TANKS

FOR STAINLESS TANKS

DISTANCE FROM THE TOP ELEVATION OF THE MODULE	MINIMUM SHEET THICKNESS (mm)
	SIDE-BOTTOM SHEET
0 - 1.1 m	1.5
1.1 - 2.2 m	2
2.2 - 3.3 m	2.5
3.3 - 4.4 m	3
4.4 - 5.5 m	4

FOR GALVANIZED TANKS

DISTANCE FROM THE TOP ELEVATION OF THE MODULE	MINIMUM SHEET THICKNESS (mm)
	SIDE-BOTTOM SHEET
0 - 1.1 m	1.5
1.1 - 2.2 m	2
2.2 - 3.3 m	3
3.3 - 4.4 m	4
4.4 - 5.5 m	5

The bottom point of the module shall be taken as basis for measuring the distance.

The top sheet thickness of the tanks shall not be less than the sheet thickness of the side wall.



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PLUMBING SYSTEM
UNIT PRICES AND SPECIFICATIONS

2025

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.100.1000	WASHBASINS Supply to the work site and installation of white washbasins of the types and dimensions given below with or without fixed soap dishes, including fittings. Washbasins shall be in compliance with the Regulation 305/2011/EU on Construction Products and released with a CE compliance marking. Note: If colored glazed ceramic is used, prices with installation shall be increased by 15% with the installation fee remaining unchanged.		
25.100.1001	25x40 cm, threaded	944,38	313,13
25.100.1002	28x35 cm, threaded.	890,63	313,13
25.100.1003	28x45 cm, threaded.	1.049,38	313,13
25.100.1004	35x45 cm, corner type, threaded	1.251,88	313,13
25.100.1005	35x45 cm, threaded	1.000,63	313,13
25.100.1006	Under-counter or over-counter oval washbasin, 36 x 44 cm	1.134,38	313,13
25.100.1007	37 x 45 cm Set with Semi-pedestal, console	1.625,63	313,13
25.100.1008	41x50 cm set with semi-pedestals, threaded	1.591,88	313,13
25.100.1009	40x50 cm threaded	1.074,38	313,13
25.100.1010	40x50 cm Under-counter or over-counter oval washbasin	1.210,63	313,13
25.100.1011	45x45 cm, corner type, threaded	1.376,88	313,13
25.100.1012	45x55 cm Set with Semi-pedestals	1.570,63	313,13
25.100.1013	45x55 cm, threaded	1.091,88	313,13
25.100.1014	Under-counter or over-counter oval washbasin, 45x55 cm	1.553,13	313,13
25.100.1015	Under-counter or over-counter oval washbasin, 45x60 cm	1.870,63	313,13
25.100.1016	45 x 60 cm Set with Semi-pedestals	2.025,63	313,13
25.100.1017	45x60 cm, threaded	1.656,88	313,13
25.100.1018	50 x 60 cm Set with Pedestals	1.910,63	313,13
25.100.1019	50x60 cm Physically Handicapped Washbasin (The washbasin should be min. 43 cm, max. 49 cm deep.)	2.256,88	313,13
25.100.1020	50 x 60 cm Set with Semi-pedestals	1.983,13	313,13
25.100.1021	50x60 cm threaded	1.336,88	313,13
25.100.1022	50 x 65 cm Set with Pedestals	2.675,63	313,13
25.100.1023	Under-counter or over-counter oval washbasin, 50x65 cm	2.500,63	313,13
25.100.1024	50 x 65 cm Set with Semi-pedestals	2.955,63	313,13
25.100.1025	50x65 cm, threaded	2.214,38	313,13
25.100.1026	50 x 70 cm Set with Complete Pedestals	3.458,13	313,13
25.100.1027	50 x 80 cm Set with Semi-pedestals	4.206,88	313,13
25.100.1028	50 x 85 cm Set with Complete Pedestals	4.668,13	313,13
25.100.2000	ANTIBACTERIAL WASHBASINS The washbasins shall be as described in the standard TS 13420 with an indelible ABY (Antibacterial Surface) logo inscribed on a visible part of the product, and if the product antibacterial, unit prices including installation shall be raised by 10% with the installation fees remaining unchanged.		
25.102.1000	WASHBASIN INSTALLATION: (Unit: Set) Supply to the work site with a sink siphon and sewer pipe connection adapter, and installation and delivery in working order of brass-chromized or plastic-based (acetal copolymer) washbasin installation sized to comply with TS-EN 274-1-2-3, certified for quality, resistant to min. 80 °C and acids for use with the washbasins given in the item 25.100.1000, with a 15-mm tap and rosette or faucet certified for compliance with TS-EN 274-1-2-3, a 6-cm odor closure, a min. 16-cm extension, brass-chromized or hard plastic rosette, which can be removed and cleaned, and tightened by a 32-mm wrench. (Drain pipe is not included in the price).		
25.102.1100	With a long tap and siphon without brass controls:		
25.102.1101	First class: (Tap: TS EN 200, Siphon: TS-EN 274-1-2-3)	1.250,63	238,13
25.102.1200	With wall-mount faucet (in compliance with TS EN 200 or TS EN 817) and siphon without brass controls:		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.102.1201	First class: (Faucet: TS EN 200 or TS EN 817, Siphon: TS-EN 274-1-2-3)	2.271,56	374,06
25.102.1300	With a wall-mount faucet (including deck-mount brass chromized angle valves and connection pipes) and siphon without brass controls		
25.102.1301	First class: (Faucet: TS EN 200 or TS EN 817, Siphon: TS-EN 274-1-2-3)	2.670,31	374,06
25.102.1400	With a long tap (in compliance with TS EN 200 or TS EN 817) a special plastic bowl and a siphon without controls:		
25.102.1401	First class: (Tap: TS EN 200, Siphon: TS-EN 274-1-2-3)	1.284,06	374,06
25.102.1500	With a wall-mount faucet (in compliance with TS EN 200 or TS EN 817), a special plastic bowl and a siphon without controls:		
25.102.1501	First class: (Faucet: TS EN 200 or TS EN 817, Siphon: TS-EN 274-1-2-3)	1.796,56	374,06
25.102.1600	With a wall-mount faucet (including deck-mount brass chromized angle valves and connection pipes), a special rubber bowl and siphon without controls:		
25.102.1601	First class: (Faucet: TS EN 200 or TS EN 817, Siphon: TS-EN 274-1-2-3)	2.347,81	374,06
25.102.1700	With a wall-mount faucet (including deck-mount brass chromized angle valves and connection pipes) and siphon with brass controls:		
25.102.1701	First class: (Faucet: TS EN 200 or TS EN 817, Siphon: TS-EN 274-1-2-3)	3.249,06	374,06
25.104.1000	MIRRORS: Unit: Qty. (TS EN 1036) 5-mm glass thickness, ground edges, and with beveled stripes, if any. Wall attachment screws shall be brass with min. 5-micron nickel plating or stainless steel. Installation on a wall with braces, screws and dowel pins. Mirrors shall be in compliance with the Regulation 305/2011/EU on Construction Products and released with a CE compliance marking.		
25.104.1001	Approximately 40 x 50 cm	760,94	210,94
25.104.1002	Approximately 40 x 60 cm	1.078,44	210,94
25.104.1003	Approximately 50x70-cm, accessible mirror Supply and installation of adjustable-tilt, accessible mirrors with 304-quality stainless steel frame.	2.031,88	271,88
25.106.1000	ETAGERES (Unit: Qty.) Supply to the work site and installation of a white etagere with integrated console and of the type and dimensions specified below, along with its special wedge or installation components. Note: If colored glazed ceramic is used, installed prices shall be increased by 15% with the installation fee remaining unchanged.		
25.106.1100	Glazed ceramic		
25.106.1101	Approximately 50 x 10 cm Extra class	525,94	210,94
25.106.1102	Approximately 60 x 15 cm Extra Class	578,44	210,94
25.106.1103	Approximately 50 x 15 cm Extra Class	492,19	210,94
25.106.1104	Approximately 68 x 15 cm Extra Class	657,19	210,94
25.106.2100	ANTIBACTERIAL ETAGERES (Unit: Qty.) (TS 13420) The etageres in the item 25.106.1100 shall be as described in the standard TS 13420 with an indelible ABY (Antibacterial Surface) logo inscribed on a visible part of the product, and if the product antibacterial, unit prices including installation shall be raised by 10% with the installation fees remaining unchanged.		
25.108.1000	PANS: (Unit: Qty.) (TS 799) Supply and installation at the work site of a white, four-cornered squat toilet pan, complete with a monobloc Ø100 mm PVC squat siphon featuring a 6 cm odor trap, compliant with TS EN 274-1-2-3, resistant to 80 °C and acids, and certified to TS 799a quality standards. Note: If colored glazed ceramic is used, installed prices shall be increased by 15% with the installation fee remaining unchanged.		
25.108.1100	Glazed ceramic		
25.108.1101	With plastic siphon, approximately 50 x 60 cm, Extra Class	2.157,50	877,50
25.108.1102	With plastic siphon, approximately 60 x 60 cm, Extra Class	2.170,00	877,50
25.108.2100	ANTIBACTERIAL PANS (Unit: Qty.) (TS 13420) The pans in the item 25.108.1100 shall be as described in the standard TS 13420 with an indelible ABY (Antibacterial Surface) logo inscribed on a visible part of the product, and if the product antibacterial, unit prices including installation shall be raised by 10% with the		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	installation fees remaining unchanged.		
25.110.1000	SQUAT TOILET INSTALLATION: (Unit: Set) Delivery in working order including angle valves and all connections for long tap and reservoir connections for use with the toilet pans specified in the item 25.108.1000.		
25.110.1002	Plastic reservoir: Reservoir made of plastic	1.877,83	543,75
25.110.1003	With pressurized toilet washer Supply and installation of Ø20-mm brass-chromized, die-cast, pressurized toilet washers in compliance with TS-366 and awarded with a quality certificate for washing toilets, etc. by connection to the utility water pipe.	4.521,41	706,88
25.112.1100	FLUSH TOILET WITH BUILT-IN RESERVOIR AND INSTALLATION (TS EN 997+A1) (Unit: Set) Supply to the work site, installation and delivery in working order of white (glazed) ceramic flush toilets with sufficient spacing for installation of a reservoir, with min. 13-L ceramic bowl, fully hard plastic reservoir, 15-L brass-chromized seat and cover, complete with copper pipes for utility water connection of the reservoir and bidet nozzle, rosettes and chrome-plated set screws and fixing blocks. Note: If colored glazed ceramic is used, installed prices shall be increased by 15% with the installation fee remaining unchanged.		
25.112.1101	Approximately 35 x 55 cm (Extra-quality)	9.923,75	543,75
25.112.1103	Approximately 35 x 70 cm for the physically handicapped Extra-quality. (The toilet seat shall be 43 to 48 cm high from the floor)	11.300,00	543,75
25.112.1104	Back-to-wall, Approximately 65 x 35 cm (Extra-quality)	10.838,75	543,75
25.112.1200	FLUSH TOILET AND INSTALLATION WITH WATER-SAVING BUILT-IN RESERVOIR (Unit: Set) (TS EN 997+A1) Supply to the work site, installation and delivery in working order of white (glazed) ceramic flush toilets that can be fully washed by 4 L and with sufficient spacing for installation of a reservoir, with bowl, fully hard plastic reservoir, brass-chromized seat and cover, complete with pipes for utility water connection of the reservoir and plastic bidet nozzle, rosettes and chrome-plated set screws and fixing blocks. Note: If colored glazed ceramic is used, installed prices shall be increased by 15% with the installation fee remaining unchanged. The products shall be in compliance with the Regulation 305/2011/EU on Construction Products and released with a CE compliance marking.		
25.112.1201	Approximately 35 x 55 cm (Extra-quality)	10.295,00	543,75
25.112.1203	Approximately 35 x 70 cm for the physically handicapped Extra-quality. (The toilet seat shall be 43 to 48 cm high from the floor)	10.610,00	543,75
25.112.1204	Back-to-wall, Approximately 65 x 35 cm (Extra-quality)	10.803,13	659,38
25.112.1250	Flush Toilet With Reservoir for Use by Minors and Its Installation Supply, installation and delivery in working order of white or colored glazed ceramic closet sized approximately 30 x 55 x 30 cm, in compliance with TS EN 997+A1, certified for quality, performs a full wash with min. 4 L of water and allowing installation of a glazed ceramic reservoir, with hard plastic seat, brass-chromized reservoir and bidet utility water valves, reservoir internal installation with a discharge group controlled by a graded flush button and a filling group with water inlet at the bottom, complete with a plastic bidet tube, rosettes and toilet installation kit. (Closet shall be in compliance with the Regulation 305/2011/EU on Construction Products and released with a CE compliance marking)	11.647,50	543,75
25.112.1260	Squat Toilet Set with Flush-mounted Reservoir Supply and installation at the work site of a white, four-cornered squat toilet pan, a monobloc squat toilet flush made of Ø100 mm PVC, resistant to 80 °C and acids, with a 6 cm odor trap, compliant with TS EN 274-1-2-3; a tap manufactured from raw materials conforming to EN 12164 and TS EN 12165, meeting surface requirements of TS EN 248 and compliant with TS EN 200; and a concealed wall-mounted reservoir with plastic and stainless steel components, compliant with TS EN 14055+A1 and TS EN 10088-1/2/3, including all necessary mounting accessories. The products shall be in compliance with the Regulation 305/2011/EU on Construction Products and released with a CE compliance marking.	5.942,88	1.087,50
25.112.1270	Flush Toilet Set with Flush-mounted Reservoir Supply to the work site and installation of a wall-hung, white, glazed ceramic, extra class flush toilet (in compliance with TS EN 997+A1); Duroplast hard plastic seat and cover made of raw materials in compliance with TS EN 12164 and TS EN 12165; with classic or ceramic seal	7.229,13	1.196,25

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	made of TS EN 248 surface standards and TS 15 EN 1213 including a built -in intermediate stop valve and rosette; and a flush-mounted reservoir with plastic and stainless steel components in compliance with TS EN 14055+A1 and TS EN 10088-1. The products shall be in compliance with the Regulation 305/2011/EU on Construction Products and released with a CE compliance marking.		
25.112.2000	ANTIBACTERIAL CLOSET AND ITS INSTALLATION (Unit: Qty.) (TS 13420) The flush toilet pans in the items 25.112.1101-1103-1104 and 1200 shall be as described in the standard TS 13420 with an indelible ABY (Antibacterial Surface) logo inscribed on a visible part of the product, and if the product antibacterial, unit prices including installation shall be raised by 10% with the installation fees remaining unchanged.		
25.114.1000	URINAL AND ITS INSTALLATION: (Unit: Set) (TS EN 13407) Supply, installation and delivery in working order of beaked urinals made of white glazed ceramic certified for compliance with TS EN 13407, with 32-mm washing holes at the back or top, 50-mm drainage, plastic drainage siphon discharging from the bottom or back, complete with washing taps, pipes, rosettes and installation screws. Note: If colored materials other than white are used, installed prices shall be increased by 15% with the installation fee remaining unchanged. The urinals shall be in compliance with the Regulation 305/2011/EU on Construction Products and released with a CE compliance marking.		
25.114.1100	Normal type:		
25.114.1101	With brass siphon, approximately 30 x 25 x 40 cm Extra class	6.779,25	810,00
25.114.1102	With brass siphon, approximately 35 x 40 x 50 cm Extra class	6.806,75	810,00
25.114.1103	With special plastic bowl, approximately 30 x 25 x 40 cm Extra class	6.048,88	810,00
25.114.1104	With special plastic bowl, approximately 35 x 40 x 50 cm Extra class	6.076,38	810,00
25.114.1150	Urinal With Built-In Siphon Supply, installation and delivery in working order of a white glazed ceramic, beaked urinal sized approximately 35 x 35 x 55 cm, certified for quality and compliance with TS EN 13407, equipped with 32 mm washing holes at the back or top, built-in siphon (odor closure) and 50 mm water drain complete with an extension part to the wall and a rosette, a urinal washing tap, pipe and rosette, and an installation kit. (The urinals shall be in compliance with the Regulation 305/2011/EU on Construction Products and released with a CE compliance marking)	4.939,25	810,00
25.114.2000	ANTIBACTERIAL CLOSET AND ITS INSTALLATION (Unit: Qty.) (TS 13420) The urinals in the item 25.114.1100-1150 shall be as described in the standard TS 13420 with an indelible ABY (Antibacterial Surface) logo inscribed on a visible part of the product, and if the product antibacterial, unit prices including installation shall be raised by 10% with the installation fees remaining unchanged.		
25.114.3000	URINAL PARTITIONS: (Unit: Qty.)		
25.114.3100	Glazed ceramic		
25.114.3101	Approximately 40 x 50 cm Extra.	1.314,38	313,13
25.114.4000	ANTIBACTERIAL URINAL PARTITIONS (Unit: Qty.) (TS 13420) The urinal partitions in the item 25.114.3100 shall be as described in the standard TS 13420 with an indelible ABY (Antibacterial Surface) logo inscribed on a visible part of the product, and if the product antibacterial, unit prices including installation shall be raised by 10% with the installation fees remaining unchanged.		
25.118.1000	SINKS: (Unit: Qty.) (TS EN 13310) The sinks shall be in compliance with the Regulation 305/2011/EU on Construction Products and released with a CE compliance marking.		
25.118.1100	Single-bowl sink without drainboard		
25.118.1101	Stainless steel, approximately 50 x 50 x 15 cm	1.653,13	421,88
25.118.1102	Stainless steel, approximately 50 x 60 x 22 cm	1.683,13	421,88
25.118.1200	Single-bowl sink with drainboard Supply to the work site and installation on a counter of a single-bowl, white sink with built-in drainboard;		
25.118.1201	Stainless steel, approximately 50 x 100 cm	1.963,13	421,88
25.118.1300	Two-bowl sink without drainboard Supply to the work site and installation on a console or counter of a two-bowl, white sink without drainboard in compliance with TS-EN 13310.		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.118.1301	Stainless steel, approximately 50 x 95 cm	2.893,13	421,88
25.118.1400	Two-bowl sink with a drainboard: (TS EN 13310) Supply to the work site and installation on a console or counter of an extra-quality, two-bowl, white sink with drainboard.		
25.118.1401	Stainless steel (Approximately 60 x 140 cm)	3.133,13	421,88
25.120.1000	SINK INSTALLATION: (Unit: Qty.)		
25.120.1100	Single-bowl sink installation: Supply to the work site, installation and delivery in working order, for use with the single-bowl sinks specified in the items 25.118.1100-1200, of a 15-mm brass chromized or plastic-based (acetal copolymer) faucet with rotating or fixed pipes certified for compliance with TS EN 200 or TS EN 817; a brass chromized or hard plastic-based sink siphon with 6-cm odor closure, extension to the wall and rosette, an 32-mm strainer that is sized to comply with TS-EN 274-1-2-3, resistant to min. 80 °C and can be removed and cleaned, complete with a bakelite plug, chromized chain and handle (drain pipe shall not be included in the price, and the faucet and its siphon shall be certified for compliance with Turkish Standards).		
25.120.1101	In compliance with TS-EN 274-1-2-3 (First class) with a faucet, and brass siphon in compliance with TS EN 200 or TS EN 817 (First class)	3.353,75	476,25
25.120.1102	With a faucet and siphon, and a special plastic bowl (First class)	2.683,13	476,25
25.120.1103	With a long tap and TS EN 200 compliance, and brass siphon in compliance with TS-EN 274-1-2-3 (First class)	1.498,75	292,50
25.120.1104	With a long tap and TS EN 200 compliance, plastic siphon (First class)	828,13	292,50
25.120.1200	Double-bowl sink installation: For use with the sinks described in the items 25.118.1300-1400. The specifications shall be as described in the item 25.120.1100 except that the 15-mm brass chromized faucet in compliance with TS EN 200, and the siphon, plug, chain and handle shall be in pairs.		
25.120.1201	With a faucet and brass siphon (Siphon shall comply with TS-EN 274-1-2-3) (First class)	3.353,75	476,25
25.120.1202	With a faucet and siphon, and a special plastic bowl (First class)	2.683,13	476,25
25.125.1000	BATHROOMS:		
25.125.1100	Acrylic Bathtubs (Unit: Qty.) Supply and installation of bathtubs made of cast acrylic sheets in compliance with TS-EN 263 and manufactured as per TS EN 198, complete with an overflow siphon and drain pipe in compliance with TS EN 274-1/2/3 and connections sized per TS EN 232. (The unit prices including installation shall be raised by 10% with the installation fees remaining unchanged for the colored ones.)		
25.125.1101	White, acrylic, alcove bathtub, 70 x 150 x 40 cm	8.031,25	918,75
25.125.1102	White, acrylic, alcove bathtub, 70 x 160 x 40 cm	8.456,25	918,75
25.125.1103	White, acrylic, alcove bathtub, 70 x 170 x 40 cm	8.773,75	918,75
25.125.1104	White, acrylic, alcove bathtub, 75 x 150 x 40 cm	8.955,00	918,75
25.125.1105	White, acrylic, alcove bathtub, 75 x 170 x 40 cm	9.443,75	918,75
25.125.1106	Acrylic, seated bathtub, white, 75 x 105 x 30 cm	6.242,50	918,75
25.125.1107	Acrylic, seated bathtub, white, 75 x 120 x 30 cm	8.550,00	918,75
25.125.1108	Acrylic, seated bathtub, white, 75 x 130 x 30 cm	9.105,00	918,75
25.125.1200	Panels for Acrylic Bathtubs : (Unit: Qty.) Made of cast acrylic sheets manufactured in compliance with TS EN 263 (The unit prices including installation shall be raised by 10% with the installation fees remaining unchanged for the colored ones.)		
25.125.1201	Acrylic front panel (For seated bathtubs), 105 cm, white	1.843,13	238,13
25.125.1202	Acrylic front panel (For seated bathtubs), 120 cm, white	2.180,63	238,13
25.125.1203	Acrylic front panel (For seated bathtubs), 130 cm, white	2.316,88	238,13
25.125.1204	Acrylic front panel (For alcove bathtubs), 140 cm, white	2.066,88	238,13
25.125.1205	Acrylic front panel (For alcove bathtubs), 150 cm, white	2.540,63	238,13
25.125.1206	Acrylic front panel (For alcove bathtubs), 160 cm, white	2.691,88	238,13
25.125.1207	Acrylic front panel (For alcove bathtubs), 170 cm, white	2.774,38	238,13
25.125.1208	Acrylic front panel (For alcove bathtubs), 180 cm, white	2.861,88	238,13
25.125.1209	Acrylic side panel (For alcove bathtubs), 70 cm, white	1.421,88	238,13

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.125.1210	Acrylic side panel (For alcove bathtubs), 75 cm, white	1.543,13	238,13
25.125.1211	Acrylic side panel (For seated bathtubs), 75 cm, white	1.543,13	238,13
25.125.1300	Foot Set for Acrylic Bathtubs: (Unit: Set) The kit required for a bathtub, including galvanic-plated tube feet, plastic shoes, suspender set for wall mounting, attachment screws and dowel pins.		
25.125.1301	Foot set (For seated bathtubs)	878,75	178,75
25.125.1302	Foot set (For alcove bathtubs)	1.080,00	178,75
25.125.2000	SHOWER TRAY: (Unit: Qty.) Supply and installation of white shower tray flush-mounted in the floor with 32-mm brass chromized strainer, drain hole and special siphon. Note: If colored glazed ceramic is used, installed prices shall be increased by 15% with the installation fee remaining unchanged.		
25.125.2100	Glazed ceramic shower tray; (TS EN 14527) extra quality. The glazed ceramic shower trays shall be in compliance with the Regulation 305/2011/EU on Construction Products and released with a CE compliance marking.		
25.125.2101	Approximately 80 x 80 x 10 cm	5.668,13	588,13
25.125.2200	Acrylic Monobloc Shower Trays: (Unit: Qty.) Supply to the work site and installation of shower trays made of cast acrylic sheets in compliance with TS EN 263 with connections sized per TS EN 251, complete with a special siphon. (The unit prices including installation shall be raised by 10% with the installation fees remaining unchanged for the colored ones.)		
25.125.2201	White, acrylic shower tray. (Monobloc body), 70 x 70 x 11 cm, square	3.899,38	588,13
25.125.2202	White, acrylic shower tray. (Monobloc body), 80 x 80 x 11 cm, square	5.354,38	588,13
25.125.2203	White, acrylic shower tray. (Monobloc body), 90 x 90 x 11 cm, square	6.265,63	588,13
25.125.2204	White, acrylic shower tray. (Monobloc body), 80 x 80 x 11 cm, corner	4.100,63	588,13
25.125.2205	White, acrylic shower tray. (Monobloc body), 90 x 90 x 11 cm, corner	5.411,88	588,13
25.125.2300	Acrylic Sheet Shower Trays: (Unit: Qty.) The price of the panels shall not be included in the shower tray.		
25.125.2301	Shower tray with white acrylic panels, 70 x 70 x 11 cm, square	3.896,88	588,13
25.125.2302	Shower tray with white acrylic panels, 80 x 80 x 11 cm, square	5.206,88	588,13
25.125.2303	Shower tray with white acrylic panels, 90 x 90 x 11 cm, square	5.835,63	588,13
25.125.2304	Shower tray with white acrylic panels, 100 x 80 x 11 cm, rectangular	5.544,38	588,13
25.125.2305	Shower tray with white acrylic panels, 80 x 80 x 14 cm, corner	4.715,63	588,13
25.125.2306	Shower tray with white acrylic panels, 90 x 90 x 15 cm, corner	5.216,88	588,13
25.125.2307	Shower tray with white acrylic panels, 100 x 100 x 15 cm, corner	6.970,63	588,13
25.125.2400	Panels for Acrylic Shower Tray: (Unit: Qty.) Made of cast acrylic sheets manufactured in compliance with TS EN 263 (The unit prices including installation shall be raised by 10% with the installation fees remaining unchanged for the colored ones.)		
25.125.2401	Acrylic front panel (for square shower trays) 70 cm, white	624,38	116,88
25.125.2402	Acrylic front panel (for square shower trays) 80 cm, white	710,63	116,88
25.125.2403	Acrylic front panel (for square shower trays) 90 cm, white	758,13	116,88
25.125.2404	Acrylic front panel (for rectangular shower trays) 100 cm, white	830,63	116,88
25.125.2405	Acrylic side panel (for square shower trays) 70 cm, white	575,63	116,88
25.125.2406	Acrylic side panel (for square shower trays) 80 cm, white	764,38	116,88
25.125.2407	Acrylic side panel (for square shower trays) 90 cm, white	828,13	116,88
25.125.2408	Acrylic side panel (for rectangular shower trays) 80 cm, white	790,63	116,88
25.125.2409	Acrylic corner panel (for corner shower trays) 80 cm, white	923,13	116,88
25.125.2410	Acrylic corner panel (for corner shower trays) 90 cm, white	991,88	116,88
25.125.2411	Acrylic corner panel (for corner shower trays) 100 cm, white	1.035,63	116,88
25.125.2500	Set with Pedestal for Acrylic Shower Trays (Unit: Set) The kit required for a bathtub, including galvanic-plated tube feet, plastic shoes, suspender set for wall mounting, attachment screws and dowel pins in compliance with TS EN 10255+A1.		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.125.2501	Foot set (for square and rectangular shower trays)	858,75	178,75
25.125.2502	Foot set (For corner shower trays)	858,75	178,75
25.125.2503	ANTIBACTERIAL SHOWER TRAYS (Unit: Qty.) (TS 13420) The shower trays in the item 25.125.2100 shall be as described in the standard TS 13420 with an indelible ABY (Antibacterial Surface) logo inscribed on a visible part of the product, and if the product antibacterial, unit prices including installation shall be raised by 10% with the installation fees remaining unchanged.		
25.126.1100	Tempered Glass Shower Cabin: (Unit: m²) Based on the approved project, they will be made of 6 mm tempered glass in compliance with TS EN 12150-2, the profiles to be used will be made of anodized aluminum, and the screws will be at least 304 grade stainless steel. Seals will be used in the cabins to prevent leakage and fix the windows to the panel. Silicones to be used in assembly will be antibacterial, colorless and heat resistant. Tempered glasses will be sandblasted according to the details in the project. In the rollers or hinge materials to be used in the cabin, fixed materials will be made of ABS plastic, and friction materials will be made of POM-derived materials. Metal accessories will also be 304 grade stainless steel.		
25.126.1110	Corner Type (Square or Rectangle)	4.335,00	1.087,50
25.126.1120	Facade Type	4.147,50	1.087,50
25.126.1130	Oval Type	4.378,75	1.087,50
25.127.1000	Bathroom installation (Unit: Set) (TS EN 200 or TS EN 817) Supply and installation of a flush-mounted bathing set with an aluminum shower pipe, chromized pipe clamp, special dowel pins and screws, shower head, brass chromized bathroom faucet in compliance with TS EN 200 and plastic-based (acetal copolymer) complete head and hand-held shower, for use with shower trays and bathtubs.		
25.127.1001	Bath faucet complete with a shower pipe and shower head filter; (TS EN 200) First quality.	2.998,75	585,00
25.127.1002	Bath set with flush-mounted head and hand-held shower, hand-held shower, and flush-mounted bath faucet set with back flow valve and bathtub filling nozzles	4.297,50	585,00
25.127.1003	Faucet with hand-held shower and holder (in compliance with TS EN 200 or TS EN 817)	2.782,50	585,00
25.130.1000	TAPS: (Unit: Qty.) (in compliance with TS EN 200) Installation of taps in compliance with TSE EN 200 in their designated locations with their rosettes.		
25.130.1101	1/2" Short tap, including filter rosette.	448,13	63,13
25.130.1102	1/2" Long tap, including filter rosette.	490,63	63,13
25.130.1103	1/2" Urinal Tap, including rosettes and angle valve pipe.	433,13	63,13
25.130.1104	Counter-top or wall-mounted 1/2" washbasin; sink faucets with rotating pipe, rosette and aerator.	1.056,88	63,13
25.130.1105	3/4" Bath basin tap, including rosette.	623,13	63,13
25.130.1115	Including Ottoman tap rosette with 3/4" ceramic seal.	738,13	63,13
25.130.1201	1/2" Angle Valve, including rosette with regular seal.	351,88	63,13
25.130.1202	1/2" angle valve with ceramic cartridge, including rosette.	420,63	63,13
25.130.1203	1/2" angle valve with ceramic cartridge, including rosette.	629,38	63,13
25.130.1204	Filter angle valve, including a stainless steel filter and rosette.	333,13	63,13
25.130.1205	1/2" with regular seal and flush-mounted angle shut-off valve and rosette.	728,13	63,13
25.130.1207	1/2" flush-mounted angle shut-off valve with ceramic cartridge, including rosette.	824,38	63,13
25.130.1208	3/4" with regular seal and flush-mounted angle shut-off valve and rosette.	710,63	63,13
25.130.1209	3/4" ceramic seal shut-off valve and rosette.	890,63	63,13
25.130.1302	1/2" Chrome-plated Washing Machine - Dishwasher Tap, with regular seal, including rosette.	414,38	63,13
25.130.1303	1/2" Chrome-plated Washing Machine - Dishwasher Tap, with ceramic seal, including rosette.	493,13	68,13
25.130.3000	SINGLE- OR TWO-CONTROL FAUCETS: (Unit: Qty.) Brass parts including the body shall be cast, hot forged or rolled by chip removal and made of materials in compliance with the standards TS EN 12164-1,-2,-3 and TS EN 12165; manufactured as per TS EN 248 for surface standard requirements, and TS EN 200, TS EN 274, TS EN 817, TS 3143 for functions and size, one-control mixers manufactured in compliance with TS EN 1759-1, TS EN 1092-1, two-control faucets manufactured in compliance with TS 200; mills, bodies, etc. of the standard seal group used with two-control units machined by chip removal from the raw material complying with TS EN 12164, parts		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	such as seals, O-rings, etc. used in any product made of EPDM or NBR materials; such components as oil, seals, o-rings, etc. used any products certified for compliance with the KTW (KaL Trinken Wasser), WRC (Water Byelaws Scheme, a measure of toxic materials transferred to water from the non-metal parts that it contacts), and DVGW (Deutsche Vereinigung des Gas-und Wasserfaches); the aerators shall be in compliance with the TS EN 246 and certified and marked for compliance with KIWA (Mechanical tests, acoustic tests, and measurement of the changes of color and taste in water) or DVGW; aerator hubs shall be plastic, flexible connection tubes shall be made of stainless steel wire mesh exterior and an EPDM internal tube, and awarded any of the certificates and markings of compliance with DVGW, KIWA or SWGW (Mechanical tests, acoustic tests, and measurement of the changes of color and taste in water). The levers and flywheels used in any product shall be metallic, and the cartridges used in non-acrylic or non-plastic one-control faucets shall be certified for compliance with NSF (The Public Health and Safety Company) or WRAS (Water Regulations Advisory Scheme) and the products equipped with sensors shall be CE certified. The manufacturer shall have a current certificate of production competence, certificate of service competence, certificate of after-sales competence, ISO 9000 and ISO 14000 °Certificates, and certificate of TSE compliance. Note: If mixers undergo PVD (Physical Vapor Deposition), installed prices shall be raised by 25%, and the installation fees shall remain unchanged.		
25.130.3100	Sink Faucets:		
25.130.3101	Single-control, single-body faucet for sink: With rotating extension tip, heat and flow rate limiter cartridge that saves energy and water, non-scaling aerator.	2.381,25	282,50
25.130.3102	Single-control, wall-mounted sink faucet: Wall-mounted, with heat and flow rate limiter cartridge that saves energy and water, rotating outlet, non-scaling aerator.	2.961,25	282,50
25.130.3103	Single-control, single-body faucet for sink with spiral: Equipped with a heat and flow rate limiter cartridge that saves energy and water, rotating outlet, non-scaling aerator, a washing range of 100 cm in circumference, two-function flexible hand-held shower, and awarded any of KTW and NSF certificates.	3.963,75	282,50
25.130.3104	Single-control, single-body faucet for industrial kitchen: Non-scaling, dual-function, hand-held shower with or without an extending tip in the middle, with a heat and flow rate saver cartridge that saves energy and water, and a rotating outlet. Where an extending tip is available, unit prices including installation shall be raised by 5%.	8.017,50	282,50
25.130.3105	Single-control, wall-mounted industrial kitchen faucet: Energy- and water-saving with heat and flow rate limiter cartridge, rotating outlet, non-scaling aerator, dual-function flexible hand shower, and check valves that prevent reverse flow of hot and cold water,	9.531,25	282,50
25.130.3106	Two-control, single-body faucet for industrial kitchen:	5.563,75	282,50
25.130.3107	Two-control, wall-mounted sink faucet: Wall-mounted with ceramic seal, rotating extension tip, and non-scaling aerator.	2.400,00	282,50
25.130.3200	Washbasin Faucet;		
25.130.3201	Single-control, single-body faucet for washbasins With heat and flow rate limiter cartridge that saves energy and water, and non-scaling aerator.	2.206,25	282,50
25.130.3202	Washbasin faucet with a single elevated control and single body (for bowl washbasins): With heat and flow rate limiter cartridge that saves energy and water, and non-scaling aerator, including a complete metal siphon.	3.550,00	282,50
25.130.3203	Hair salon type, rotating faucet, die-cast (Complete set including an angle valve with two spiral filters)	2.880,00	282,50
25.130.3204	Two-control, single-body faucet for washbasins: With ceramic seal and non-scaling aerator.	2.686,25	282,50
25.130.3206	Two-control, wall-mounted washbasin faucet, flush-mounted: With a ceramic seal or rubber back flow valve, and non-scaling aerator.	2.438,75	282,50
25.130.3208	Single-control, single-body medical faucet for washbasins: Equipped with a heat and flow limiter cartridge that saves energy and water, a special hygienic aerator with laminar flow, and a special extended handle.	2.835,00	282,50

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.130.3209	Single-control, wall-mounted medical faucet for washbasins: Equipped with a rotating extension tip, a special hygienic aerator with laminar flow and a special extended handle.	2.982,50	282,50
25.130.3300	Bath and Shower Faucets;		
25.130.3301	Single-control bathroom faucet: With 1/2" shower outlet, heat and flow rate limiter cartridge that saves energy and water, non-scaling aerator, and automatic deflector.	2.250,00	282,50
25.130.3302	Single-control shower faucet: With 1/2" shower outlet, and heat and flow rate limiter cartridge that saves energy and water.	2.088,75	282,50
25.130.3303	Single-control, wall-mounted bathroom faucet, flush-mounted: Energy- and water-efficient with a 1/2" shower outlet, a deflector group on the outlet tip set, a cartridge with heat and water flow limiter, an anti-scale aerator, and an automatic deflector. The product shall be compatible with plastic and galvanized pipes within a plastic housing, and allow easy removal without breaking the tiles in case of a malfunction.	2.622,50	282,50
25.130.3304	Single-control, wall-mounted shower faucet, (flush-mounted): Energy- and water-efficient, a cartridge with heat and water flow limiter. The product shall be compatible with plastic and galvanized pipes within a plastic housing, and allow easy removal without breaking the tiles in case of a malfunction.	1.906,25	282,50
25.130.3305	Two-control, wall-mounted bathroom faucet: With non-scaling cascaded aerator, ceramic seal, mechanical or automatic deflector.	3.280,00	282,50
25.130.3306	Two-control, wall-mounted shower faucet:	2.341,25	282,50
25.130.3309	Built-In Showerhead (Unit: Qty.) (TSEK certified) Supply to the work site and installation to the designated location of threaded, impact-resistant, filter shower heads which can be attached to flush-mounted built-in pipes	929,38	63,13
25.130.4100	Washbasin Sensor Faucet and Its Installation (TS EN 15091): (Unit: Qty.) Supply to the work site, installation and delivery in working order of a sensor faucet including its installation, with single or double water inlets, which can adjust the flow rate by a filter angle valve, can be powered by a battery or a power adapter, allows 60 to 120 seconds of water flow, complete with angle valves and a washbasin siphon with a U-pipe.		
25.130.4101	Sensor faucet and installation for washbasin, with two water inlets:	6.270,00	282,50
25.130.4102	Sensor faucet and installation for washbasin, with single water inlet:	5.145,00	282,50
25.130.4200	Urinal Sensor Tap (Unit: Qty.) Supply to the work site and installation of a urinal sensor tap with fresh water inlet at the back or top, battery or adapter power unit, complete with a copper pipe for supplying fresh water to the urinal, and necessary fittings.		
25.130.4201	Sensor tap for urinal, surface-mounted:	4.776,25	282,50
25.130.4202	Sensor tap for urinal, flush-mounted:	4.796,25	282,50
25.130.4300	Thermostatic Bathroom Faucet (TS EN 1111): (Unit: Qty.) Supply to the work site, installation and deliver in working order of a thermostatic bathroom faucet that maintains the utility water temperature at a set value between 15 and 65 °C, equipped with a safety button at 38 °C to prevent scalding, an eco mode button that limits the water flow rate, and a check valve that completely cuts off the water for safety in case of sudden changes in the amount and pressure of hot or cold water.	3.842,50	282,50
25.130.4410	TIME-CONTROL WASHBASIN TAP AND ITS INSTALLATION: (Unit: Qty.) Supply to the work site, installation and delivery in working order of chromized, time-control washbasin tap and installation with angle valves and U-pipe washbasin siphon and single water inlet, which can be adjusted between 5 and 60 seconds,	2.038,75	282,50
25.130.4422	Time-control tap for urinal, flush-mounted: Supply to the work site, installation and delivery in working order of time-control, flush-mounted taps compatible with urinals with fresh water inlet at the top or back, and water flow time adjustable between 5 and 60 seconds,	2.048,75	282,50
25.130.4500	Cistern with Flush-mounted Timer Button and Its Installation I: (Unit: Qty.) Supply to the work site and installation of reservoirs which can be directly connected to the plumbing system (piping) and used in Squat Toilet Pans and toilet bowls.	1.463,75	282,50
25.130.5000	Extension Parts: (Processed by chip removal and in compliance with TS 3143.)		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.130.5001	1.0 cm. extension, Chrome-plated (1/2")	95,63	43,75
25.130.5002	1.5 cm. extension, Chrome-plated (1/2")	100,13	43,75
25.130.5003	2.0 cm. extension, Chrome-plated (1/2")	109,38	43,75
25.130.5004	2.5 cm. extension, Chrome-plated (1/2")	111,88	43,75
25.130.5005	3.0 cm. extension, Chrome-plated (1/2")	118,13	43,75
25.130.5006	4.0 cm. extension, Chrome-plated (1/2")	138,13	43,75
25.130.5007	5.0 cm. extension, Chrome-plated (1/2")	153,75	43,75
25.130.6000	Siphons, for washbasins, sinks and urinals (TS EN 274-1-2-3):		
25.130.6001	Brass, chromated washbasin and sink siphon	957,50	178,75
25.130.6004	Plastic siphon for washbasins and sinks (sized to comply with TS-EN 274-1-2-3, resistant to temperatures up to 80 °C, and equipped with a 6-cm odor closure);	286,88	178,75
25.130.6006	Urinal siphon (with a 6-cm hard plastic odor closure, extension to the wall and a large adapter);	227,13	178,75
25.130.6007	Plastic (PVC-based) Ø100 mm (6 cm. odor closure);	227,13	178,75
25.130.6008	Supply and installation of mixer of bathtub waste water piping, with chain, plug, base siphon, overflow siphon, and overflow pipe.	533,75	178,75
25.130.6010	Reservoir		
25.130.6011	Reservoir with hard PVC float valve	636,56	152,81
25.132.1000	LIQUID SOAP / FOAM DISPENSER		
25.132.1001	Flush-mounted Liquid Soap Foam Dispenser Supply and flush-mounted installation on the counter of a minimum 1000-ml-volume liquid soap/foam dispenser that can dispense liquid soap or foam with a steel beak and plastic bottle.	456,25	171,25
25.132.1002	Wall-mounted Liquid Soap Foam Dispenser Supply and wall-mounted installation of a minimum 1000-ml-volume liquid soap/foam dispenser that can dispense liquid soap or foam with a steel beak and plastic bottle.	495,00	171,25
25.132.1003	Wall-mounted Sensor Tap Liquid Soap Dispenser Supply and wall-mounted installation of a minimum 1000-ml-volume sensor tap, battery or electric-operated liquid soap/foam dispenser that can dispense liquid soap or foam with a steel beak and plastic bottle.	2.587,50	217,50
25.135.1000	SOAP DISH (SPONGE DISH): (Unit: Qty.):		
25.135.1100	Ceramic soap dish (with tab): Supply to the work site and installation of extra-quality white ceramic soap dish with a tab and drainboard, which can be half embedded in the wall or surface mounted with ceramic installation components. Note: If colored glazed ceramic is used, installed prices shall be increased by 15% with the installation fee remaining unchanged.		
25.135.1101	Approximately 16 x 16 cm	233,75	43,75
25.135.1102	Approximately 16 x 31 cm	308,75	43,75
25.135.1200	Ceramic soap dish (without tab): Supply to the work site and installation of extra-quality white ceramic soap dish with a drainboard, which can be half embedded in the wall or surface mounted with ceramic installation components. Note: If colored glazed ceramic is used, installed prices shall be increased by 15% with the installation fee remaining unchanged.		
25.135.1201	Approximately 10 x 16 cm	216,25	43,75
25.135.1202	Approximately 16 x 16 cm	233,75	43,75
25.135.1203	Sponge dish: (with tab) 16 x 31 cm	315,00	43,75
25.135.2000	PAPER DISPENSER: (Unit: Qty.)		
25.135.2001	Ceramic tiles: Supply to the work site and installation of extra-quality white ceramic paper dispenser, which can be half embedded in the wall or surface mounted with installation components. 16x16 cm	395,00	130,00
25.135.2002	Stainless Steel: Supply to the work site and installation of a stainless steel sheet paper dispenser with chromized set screws and special wedges or dowel pins.	478,75	130,00
25.135.2003	Paper dispenser for the handicapped	688,75	130,00

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.135.2500	Paper Towel Dispenser with Sensors (Unit: Qty) Supply and installation of an electrically operated automatic paper towel dispenser, with a body and front cover made of medium hard plastic material, dispensing paper towels with touch-free hand movement.	1.555,00	217,50
25.135.3000	HANGER (Unit: Qty.)		
25.135.3001	Ceramic tiles: Supply to the work site and installation of an extra-quality, white, flush- or surface-mounted hanger with installation components. Approximately 10 x 16 cm	261,88	83,13
25.135.3002	Brass suspension fork: Supply to the work site and installation of an extra-quality, white, flush- or surface-mounted hanger with installation components. Approximately 10 x 16 cm	108,75	62,50
25.135.4000	HANDLE BARS FOR THE HANDICAPPED (Unit: Qty.)		
25.135.4001	Handle bar for the handicapped: Chrome-plated stainless steel, approximately 600 mm, min. Ø30 mm (prices in installed form shall be decreased by 10% with the installation fee remaining unchanged in case of spray coating instead of chrome plating.)	1.411,25	386,25
25.135.4002	135° handle bar for the handicapped: Chrome-plated stainless steel, approximately 375 x 375 mm, min. Ø30 mm (prices in installed form shall be decreased by 10% with the installation fee remaining unchanged in case of spray coating instead of chrome plating.)	1.605,00	401,25
25.135.4003	Flush toilet handle bar for the handicapped: Chrome-plated stainless steel, approximately 700 x 740 mm, min. Ø30 mm (prices in installed form shall be decreased by 10% with the installation fee remaining unchanged in case of spray coating instead of chrome plating.)	1.767,50	401,25
25.135.4004	Foldable handle bar for the handicapped: Chrome-plated stainless steel, approximately 800 mm, min. Ø30 mm (prices in installed form shall be decreased by 10% with the installation fee remaining unchanged in case of spray coating instead of chrome plating.)	2.190,00	401,25
25.138.1000	FLOOR DRAIN STRAINERS: (in compliance with TS-327) Unit: Qty. Supply to the work site and installation of a floor drain strainer with built-in odor closure, grating and cleaning plug.		
25.138.1011	Pig-cast, 15x15 cm. with Ø50 outlet	818,13	225,63
25.138.1012	Pig-cast, 15x15 cm. with Ø70 outlet	936,88	225,63
25.138.1013	Pig cast, 20x20 cm. with Ø70 outlet	1.010,63	225,63
25.138.1021	Plastic, 10x10 cm. with Ø50 outlet	209,88	163,13
25.138.1022	Plastic, 15x15 cm. with Ø50 outlet	217,13	163,13
25.138.1023	Plastic, 15x15 cm. with Ø70 outlet	240,63	163,13
25.138.1024	Plastic, 20x20 cm. with Ø70 outlet	313,13	163,13
25.138.1025	Plastic, 25x25 cm. with Ø70 outlet	328,13	163,13
25.138.1031	With chrome-plated brass grating and plastic housing, 10x10 cm. with Ø50 outlet	280,63	163,13
25.138.1032	With chrome-plated brass grating and plastic housing, 15x15 cm. with Ø70 outlet	303,13	163,13
25.138.1041	Linear drain strainer with 304 stainless steel grating, 30 cm plastic housing, Ø50 outlet	446,88	163,13
25.138.1042	Linear drain strainer with 304 stainless steel grating, 40 cm plastic housing, Ø50 outlet	504,38	163,13
25.138.1043	Linear drain strainer with 304 stainless steel grating, 50 cm plastic housing, Ø50 outlet	530,63	163,13
25.138.1044	Linear drain strainer with 304 stainless steel grating, 60 cm plastic housing, Ø50 outlet	640,63	194,38
25.138.1045	Linear drain strainer with 304 stainless steel grating, 70 cm plastic housing, Ø50 outlet	674,38	194,38
25.142.1000	WATER METERS: (in compliance with TS EN ISO 4064-1) (Unit: Qty.; Supply to the work site and installation of water meters with CE compliance marking as per Directive (2004/22/EC) Measuring Instruments.		
25.142.1100	Cold water meters:		
25.142.1101	Ø20 mm (3/4") threaded	1.134,38	238,13
25.142.1102	Ø25 mm (1") threaded	2.403,75	401,25

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.142.1103	Ø40 mm (1 1/2") threaded	4.111,25	585,00
25.142.1104	Ø50 mm Flanged	7.088,75	660,00
25.142.1105	Ø80 mm Flanged	9.278,75	735,00
25.142.1106	Ø100 mm Flanged	10.131,25	810,00
25.142.1200	Hot water meters:		
25.142.1201	Ø20 mm (3/4") threaded	1.254,38	238,13
25.142.1202	Ø25 mm (1") threaded	2.598,75	401,25
25.142.1203	Ø40 mm (1 1/2") threaded	5.328,75	585,00
25.144.1000	FLOATER: (Unit: Qty.) Supply to the work site, installation and delivery in working order of a floater in sphere or open sphere form, hard plastic buoy that does not allow water ingress, brass lever, closer and connection bushes.		
25.144.1001	10 Ø mm. (3/8")	300,00	93,75
25.144.1002	15 Ø mm. (1/2")	320,63	114,38
25.144.1003	20 Ø mm. (3/4")	358,13	140,63
25.144.1004	25 Ø mm. (1")	433,75	156,25
25.144.1005	32 Ø mm. (1 1/4")	958,75	187,50
25.144.1006	40 Ø mm. (1 1/2")	1.091,25	218,75
25.144.1007	50 Ø mm. (2")	1.235,00	250,00
25.145.1000	COLLAR SOCKET (Unit: Qty.) Supply and installation in necessary size for water supply from the water supply network to the installation.		
25.145.1001	15-32 Ø mm. max (1/2"-1 1/4")	498,75	375,00
25.145.1002	Ø40 mm 1 1/2" and above.	606,25	375,00
25.150.1000	WATER TANKS: (Unit: Qty.)		
25.150.1200	Stainless Steel Prismatic Modular Water Tank: (Unit: Qty.) Supply to the work site, and installation to its designated location and the installation of a fully AISI 304 stainless steel modular water tank certified for compliance with the Turkish Standards, with all internal and external material, tension bars, bolts, pedestals, manhole, air vents and connection nozzles made of non-corrosive materials, taps made of non-corrosive or brass, strength calculations and project designs approved by the administration, all parts factory manufactured by cold forming, bending or twisting, and PVC or polyethylene diaphragm at the bottom to prevent contact with the base material; which shall be assembled by bolts, using silicon and EPDM rubber seals, without any welding in production and at the installation site. Note: Non-corrosive or brass chromized taps on the tank, non-corrosive pedestals, level floater, ball valves of inlets and outlets, blowoff ball valves, air discharge breather device, overflow nozzle and pipe, level indicator, valves and drain tap, top and bottom manhole maintenance covers, and tank climbing ladder are included in the price. - Unit prices for other values shall be interpolated. - Sheet metal thickness table for tanks are available in the Plumbing general descriptions part. - Prior to installation of the tank, concrete or steel bases that are minimum 50 cm high from the floor shall be put in place. - Convex panels with a design that allows discharge of all tank water shall be used, one shall be a concave drainage panel, and base panels shall be bolted from the outside.		
25.150.1201	1.25 m³	58.381,25	5.306,25
25.150.1202	2.50 m³	76.775,00	8.775,00
25.150.1203	3.75 m³	107.512,50	10.612,50
25.150.1204	5.00 m³	126.406,25	12.993,75
25.150.1205	6.25 m³	152.456,25	14.831,25
25.150.1206	7.50 m³	169.631,25	17.006,25
25.150.1207	10.0 m³	188.812,50	23.062,50

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.150.1208	12.5 m ³	231.193,75	25.443,75
25.150.1209	15.0 m ³	272.662,50	28.912,50
25.150.1210	20.0 m ³	295.087,50	31.837,50
25.150.1211	22.5 m ³	327.931,25	35.306,25
25.150.1212	25.0 m ³	375.981,25	38.231,25
25.150.1213	30.0 m ³	413.362,50	40.612,50
25.150.1214	37.5 m ³	476.287,50	43.537,50
25.150.1215	40.0 m ³	509.043,75	46.668,75
25.150.1216	45.0 m ³	544.762,50	50.137,50
25.150.1217	50.0 m ³	585.850,00	50.850,00
25.150.1218	56.0 m ³	644.950,00	57.825,00
25.150.1219	59.6 m ³	700.212,50	61.837,50
25.150.1220	62.0 m ³	740.931,25	66.056,25
25.150.1221	75.0 m ³	810.693,75	70.818,75
25.150.1222	90.0 m ³	921.750,00	75.375,00
25.150.1223	93.2 m ³	975.718,75	79.593,75
25.150.1224	104.2 m ³	1.114.187,50	83.812,50
25.150.1225	112.0 m ³	1.191.618,75	88.368,75
25.150.1226	121.5 m ³	1.284.881,25	93.131,25
25.150.1300	Galvanized Prismatic Modular Water Tank (Unit: Qty.) Fully coated with hot-dip galvanized of DIN 1614 quality as per TSE standards, the deep drawn galvanized sheet metal products shall be coated with "Hot-dip Galvanized" materials following the cutting, bending, twisting, drilling, welding and forming. Coating shall be performed as per ISO 1461:2009. No welding shall be performed after galvanization. Supply to the work site, and installation to its designated location and installation of a modular water tank with all interior and exterior materials, tension bars, bolts, pedestals shall be coated with hot-dip galvanized steel. Other specifications shall be the same as the item 25.150.1200. Note: Sheet metal thickness table for tanks are available in the Plumbing general descriptions part. Unit prices for other values shall be interpolated: - Prior to installation of the tank, concrete or steel bases that are minimum 50 cm high from the floor shall be put in place. - Convex panels with a design that allows discharge of all tank water shall be used, one shall be a concave drainage panel, and base panels shall be bolted from the outside.		
25.150.1301	1.25 m ³	33.068,75	5.306,25
25.150.1302	2.50 m ³	46.918,75	8.231,25
25.150.1303	3.75 m ³	60.093,75	10.068,75
25.150.1304	5.00 m ³	70.812,50	12.450,00
25.150.1305	6.25 m ³	87.125,00	14.625,00
25.150.1306	7.50 m ³	95.187,50	16.462,50
25.150.1307	10.0 m ³	105.962,50	22.312,50
25.150.1308	12.5 m ³	134.481,25	24.693,75
25.150.1309	15.0 m ³	144.543,75	27.618,75
25.150.1310	20.0 m ³	166.625,00	30.000,00
25.150.1311	22.5 m ³	183.550,00	32.925,00
25.150.1312	25.0 m ³	199.556,25	36.056,25
25.150.1313	30.0 m ³	217.900,00	39.525,00
25.150.1314	37.5 m ³	258.656,25	41.906,25
25.150.1315	40.0 m ³	265.375,00	45.375,00
25.150.1316	45.0 m ³	292.675,00	48.300,00

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.150.1317	50.0 m ³	312.225,00	51.975,00
25.150.1318	56.0 m ³	341.862,50	55.987,50
25.150.1319	59.6 m ³	352.750,00	60.750,00
25.150.1320	62.0 m ³	368.637,50	64.762,50
25.150.1321	75.0 m ³	430.025,00	69.525,00
25.150.1322	90.0 m ³	496.993,75	73.743,75
25.150.1323	93.2 m ³	509.131,25	77.756,25
25.150.1324	104.2 m ³	568.350,00	81.975,00
25.150.1325	112.0 m ³	607.362,50	86.737,50
25.150.1326	121.5 m ³	648.706,25	90.206,25
25.150.1400	Stainless Steel Modular Water Tank with Cylindrical Bolts: (Unit: Qty.) Supply to the work site, and installation to its designated location and the installation of a fully AISI 304 stainless steel modular water tank certified for compliance with the Turkish Standards, with all internal and external material, bolts, pedestals, manhole, air vents and connection nozzles made of non-corrosive materials, taps made of non-corrosive or brass, strength calculations and project designs approved by the administration, all parts factory manufactured by cold forming, bending or twisting, and PVC or polyethylene diaphragm at the bottom to prevent contact with the base material; which shall be assembled by bolts, using silicon and EPDM rubber seals, without any welding at the installation site. Note: Non-corrosive or brass chromized taps on the tank, non-corrosive pedestals, level floater, ball valves of inlets and outlets, blowoff ball valves, air discharge breather device, overflow nozzle and pipe, level indicator, valves and drain tap, top and bottom manhole maintenance covers, and tank climbing ladder are included in the price (Unit prices for other values shall be interpolated). Capacity Diameter Height		
25.150.1401	5.0 m ³ Ø 2,500 mm 1,000 mm	89.518,75	5.306,25
25.150.1402	10 m ³ Ø 2,500 mm 2,000 mm	162.650,00	8.775,00
25.150.1403	14 m ³ Ø 2,500 mm 2,900 mm	188.081,25	14.831,25
25.150.1404	11 m ³ Ø 3,800 mm 1,000 mm	190.987,50	10.612,50
25.150.1405	23 m ³ Ø 3,800 mm 2,000 mm	295.975,00	21.225,00
25.150.1406	33 m ³ Ø 3,800 mm 2,900 mm	385.387,50	34.762,50
25.150.1407	20 m ³ Ø 5,000 mm 1,000 mm	278.012,50	19.387,50
25.150.1408	40 m ³ Ø 5,000 mm 2,000 mm	467.600,00	51.225,00
25.150.1409	58 m ³ Ø 5,000 mm 2,900 mm	556.781,25	57.281,25
25.150.1410	30 m ³ Ø 6,200 mm 1,000 mm	405.431,25	35.306,25
25.150.1411	60 m ³ Ø 6,200 mm 2,000 mm	685.318,75	70.068,75
25.150.1412	88 m ³ Ø 6,200 mm 2,900 mm	811.075,00	73.200,00
25.150.1413	44 m ³ Ø 7500 mm 1,000 mm	558.525,00	54.150,00
25.150.1414	88 m ³ Ø 7500 mm 2,000 mm	854.825,00	73.200,00
25.150.1415	128 m ³ Ø 7500 mm 2,900 mm	1.003.862,50	85.987,50
25.150.1416	60 m ³ Ø 8,700 mm 1,000 mm	667.656,25	57.281,25
25.150.1417	120 m ³ Ø 8,700 mm 2,000 mm	1.088.312,50	83.062,50
25.150.1418	172 m ³ Ø 8,700 mm 2,900 mm	1.358.262,50	95.512,50
25.150.1419	78 m ³ Ø 10,000 mm 1,000 mm	871.050,00	63.675,00
25.150.1420	156 m ³ Ø 10,000 mm 2,000 mm	1.303.868,75	89.118,75
25.150.1421	98 m ³ Ø 11,200 mm 1,000 mm	1.030.468,75	79.593,75
25.150.1422	153 m ³ Ø 12,500 mm 1,250 mm	1.452.112,50	85.987,50
25.150.1500	Galvanized Modular Water Tank with Cylindrical Bolts: (Unit: Qty.) Supply to the work site, and installation to its designated location and the installation of a modular water tank fully coated by hot galvanization using deep-drawn sheet metal of DIN 1614 quality as per TSE standards with all interior and exterior materials, bolts, pedestals shall be coated with hot-dip galvanized steel. Other specifications shall be the same as the item 25.150.1400.		

Item No	Job Type			UP+Instal.	Instal. Cost (TRY)
	Capacity	Diameter	Height		
25.150.1501	5.0 m ³	Ø 2,500 mm	1,000 mm	50.206,25	5.306,25
25.150.1502	10 m ³	Ø 2,500 mm	2,000 mm	93.768,75	8.231,25
25.150.1503	14 m ³	Ø 2,500 mm	2,900 mm	114.556,25	14.831,25
25.150.1504	11 m ³	Ø 3,800 mm	1,000 mm	101.325,00	10.612,50
25.150.1505	23 m ³	Ø 3,800 mm	2,000 mm	179.350,00	21.225,00
25.150.1506	33 m ³	Ø 3,800 mm	2,900 mm	221.012,50	34.762,50
25.150.1507	20 m ³	Ø 5,000 mm	1,000 mm	166.293,75	15.918,75
25.150.1508	40 m ³	Ø 5,000 mm	2,000 mm	257.406,25	41.156,25
25.150.1509	58 m ³	Ø 5,000 mm	2,900 mm	281.381,25	47.756,25
25.150.1510	30 m ³	Ø 6,200 mm	1,000 mm	218.831,25	29.456,25
25.150.1511	60 m ³	Ø 6,200 mm	2,000 mm	333.868,75	58.368,75
25.150.1512	88 m ³	Ø 6,200 mm	2,900 mm	402.793,75	61.293,75
25.150.1513	44 m ³	Ø 7500 mm	1,000 mm	275.537,50	44.287,50
25.150.1514	88 m ³	Ø 7500 mm	2,000 mm	415.793,75	61.293,75
25.150.1515	128 m ³	Ø 7500 mm	2,900 mm	494.156,25	71.906,25
25.150.1516	60 m ³	Ø 8,700 mm	1,000 mm	334.881,25	47.756,25
25.150.1517	120 m ³	Ø 8,700 mm	2,000 mm	502.481,25	68.981,25
25.150.1518	172 m ³	Ø 8,700 mm	2,900 mm	590.593,75	79.593,75
25.150.1519	78 m ³	Ø 10,000 mm	1,000 mm	400.937,50	53.062,50
25.150.1520	156 m ³	Ø 10,000 mm	2,000 mm	585.537,50	74.287,50
25.150.1521	98 m ³	Ø 11,200 mm	1,000 mm	479.387,50	64.762,50
25.150.1522	153 m ³	Ø 12,500 mm	1,250 mm	573.906,25	71.906,25
25.150.1600	Glass Fiber Reinforced (GRP) Modular Water Tanks (Unit: Qty.)				
	It shall be made entirely of fully Glass Fiber Reinforced Plastic (GRP) composite materials made by hot pressing under high pressure. The outer reinforcement materials shall be composed of hot-dip galvanized profiles, bolts and nuts. All inner reinforcements, tension bars and shoes shall be made of AISI 316 stainless material, and vertical carriers and interior stairs shall be made of its own body material. The floor, ceiling and side walls constituting the warehouse shall be made of GRP panels or GRP plates with bolt connections. Floor, ceiling and side panels at the installation site shall be joined with silicon and EPDM rubber seals without any welding requirement. It shall be certified for compliance with the TS EN 13280 standard, and awarded a certificate of compliance with the food directive issued by TSE. Note: Inlet and outlet nozzles, blow-off nozzles, manholes and maintenance holes, and ladders to be installed on the tank shall be included in the price. (Unit prices of other values shall be interpolated). - Prior to installation of the tank, concrete or steel bases that are minimum 50 cm high from the floor shall be put in place. - Also, a hot-dip galvanized metal chassis shall be built under the tank. The chassis shall be strong enough to hold the tank ve tolerate the measurement differences arising from the concrete/steel base under it. - Convex panels with a design that allows discharge of all tank water shall be used, one shall be a concave drainage panel, and base panels shall be bolted from the outside.				
25.150.1601	1 m ³			58.212,50	7.687,50
25.150.1602	3 m ³			96.143,75	12.993,75
25.150.1603	5 m ³			142.537,50	22.312,50
25.150.1604	10 m ³			218.250,00	30.750,00
25.150.1605	15 m ³			242.143,75	37.143,75
25.150.1606	20 m ³			297.081,25	44.831,25
25.150.1607	30 m ³			372.900,00	54.900,00
25.150.1608	40 m ³			477.681,25	66.056,25

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.150.1609	50 m ³	539.500,00	75.375,00
25.150.1610	60 m ³	612.025,00	84.900,00
25.150.1611	70 m ³	679.618,75	89.118,75
25.150.1612	80 m ³	820.387,50	95.512,50
25.150.1613	90 m ³	895.656,25	101.906,25
25.150.1614	100 m ³	984.131,25	108.506,25
25.150.1615	120 m ³	1.110.700,00	118.575,00
25.150.1616	150 m ³	1.286.106,25	129.731,25
25.150.1617	180 m ³	1.512.843,75	140.343,75
25.150.1618	200 m ³	1.658.687,50	159.187,50
25.150.1619	240 m ³	1.892.500,00	181.500,00
25.150.1620	270 m ³	2.148.293,75	197.418,75
25.150.1621	300 m ³	2.436.087,50	213.337,50
25.150.1622	350 m ³	2.608.356,25	235.856,25
25.150.1623	400 m ³	3.090.481,25	250.481,25
25.150.1624	440 m ³	3.491.093,75	261.093,75
25.150.1625	480 m ³	3.707.368,75	270.618,75
25.150.3100	Glass Fiber Reinforced (GRP) Polyester Cylindrical water tanks: (Unit: Qty.) The tank shall be manufactured from glass fiber reinforced polyester (GRP) and shall have a monoblock (one-piece) structure consisting of the body, dome ends, and support legs. Fittings shall be selected from rust-proof (galvanized, stainless) material. Tanks shall be produced horizontally or vertically, and shall be resistant to impact and earth load. There shall be sufficient compartments inside the tanks. There shall be no equipment crowding on the tank. There must be an inlet, outlet, ventilation sleeve and manhole on the tank. The tanks shall bear a CE marking.		
25.150.3101	1 m ³ (with at least 3 mm wall thickness)	28.043,68	881,18
25.150.3102	2 m ³ (with at least 4 mm wall thickness)	39.165,55	1.153,05
25.150.3103	5 m ³ (with at least 5 mm wall thickness)	66.562,43	1.424,93
25.150.3104	8 m ³ (with at least 6 mm wall thickness)	100.612,36	2.924,86
25.150.3105	10 m ³ (with at least 7 mm wall thickness)	117.637,36	3.674,86
25.150.3106	20 m ³ (with at least 8 mm wall thickness)	240.849,71	7.349,71
25.150.3107	30 m ³ (with at least 8 mm wall thickness)	341.474,71	10.349,71
25.150.3108	40 m ³ (with at least 9 mm wall thickness)	464.774,58	14.024,58
25.150.3109	50 m ³ (with at least 9 mm wall thickness)	523.199,43	17.699,43
25.150.3500	Polyethylene Water Tanks (Unit: Qty.) The supply to the work site and installation of a tank manufactured using polyethylene raw material; weld-free, rivet-free and monoblock structure consisting of a body, dome and legs, fasteners made of corrosion-resistant material, produced horizontally or vertically, resistant to impacts and UV rays, with a ventilation sleeve and a manhole.		
25.150.3501	1 m ³ (with at least 5 mm wall thickness)	5.683,74	758,74
25.150.3502	2 m ³ (with at least 6 mm wall thickness)	9.968,11	1.030,61
25.150.3503	5 m ³ (with at least 8 mm wall thickness)	18.302,49	1.302,49
25.150.3504	8 m ³ (with at least 9 mm wall thickness)	25.367,48	2.679,98
25.150.3505	10 m ³ (with at least 10 mm wall thickness)	29.679,98	3.429,98
25.160.0000	BOOSTER PUMPS (Unit: Qty.)		
25.160.1000	FULLY AUTOMATIC BOOSTER PUMP PACKAGE WITH A CENTRIFUGAL PUMP WITH VERTICAL OR HORIZONTAL SHAFT: (Unit: Qty.) Booster pump package with the specifications provided below, equipped with a silt trap, check valve, ball valves for turning on and off, automatic pressure switches (equal to the number of pumps) with upper and lower limits adjustable to the required pressure, a manometer that indicates water pressure, safety against operation without water by a float with thermal		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	protection against overload or level control electrode, and with switches and indicators located on the housing. Supply to the work site, installation and delivery in fully working order of a fully automatic booster pump that is made up of a Centrifugal Pump with TSE certificate of compliance,		
25.160.1100	Single-pump booster with Vertical-shaft Centrifugal Pump: Flow rate: m³/h Pressure: mWC		
25.160.1101	0 - 5 20 - 40	33.462,50	2.587,50
25.160.1102	0 - 5 40 - 60	37.337,50	2.962,50
25.160.1103	0 - 5 60 - 80	41.084,38	3.234,38
25.160.1104	5 - 15 20 - 40	46.946,88	3.609,38
25.160.1105	5 - 15 40 - 60	52.443,75	3.881,25
25.160.1106	5 - 15 60 - 80	61.018,75	4.256,25
25.160.1107	15 - 30 20 - 40	70.240,63	4.528,13
25.160.1108	15 - 30 40 - 60	86.140,63	4.903,13
25.160.1109	15 - 30 60 - 80	91.487,50	5.175,00
25.160.1200	Two-pump booster with Vertical-shaft Centrifugal Pump: Flow rate: m³/h Pressure: mWC		
25.160.1201	0 - 10 30 - 60	67.309,38	3.234,38
25.160.1202	0 - 10 60 - 90	76.131,25	3.881,25
25.160.1203	10 - 30 30 - 60	83.179,69	4.204,69
25.160.1204	10 - 30 60 - 90	98.640,63	4.528,13
25.160.1205	30 - 60 30 - 60	147.946,88	5.821,88
25.160.1206	30 - 60 60 - 90	182.718,75	6.468,75
25.160.1300	Three-pump booster with Vertical-shaft Centrifugal Pump: Flow rate: m³/h Pressure: mWC		
25.160.1301	0 - 20 30 - 60	110.618,75	3.881,25
25.160.1302	0 - 20 60 - 90	125.992,19	4.204,69
25.160.1303	20 - 50 30 - 60	186.278,13	4.528,13
25.160.1304	20 - 50 60 - 90	194.050,00	5.175,00
25.160.1305	50 - 80 30 - 60	214.571,88	5.821,88
25.160.1306	50 - 80 60 - 90	238.093,75	6.468,75
25.160.1307	80 - 120 60 - 90	311.865,63	7.115,63
25.160.1400	Single-pump booster with Horizontal-shaft Centrifugal Pump: Flow rate: m³/h Pressure: mWC		
25.160.1401	1 - 3 15 - 30	30.000,00	2.587,50
25.160.1402	1 - 3 30 - 45	35.925,00	2.962,50
25.160.1403	1 - 3 45 - 70	37.571,88	3.234,38
25.160.1404	3 - 6 15 - 30	39.634,38	3.609,38
25.160.1405	3 - 6 30 - 45	44.181,25	3.881,25
25.160.1406	3 - 6 45 - 70	59.281,25	4.256,25
25.160.1407	6 - 10 15 - 30	60.703,13	4.528,13

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.160.1408	6 - 10 30 - 45	62.715,63	4.903,13
25.160.1409	6 - 10 45 - 70	65.325,00	5.175,00
25.160.1500	Two-pump booster with Horizontal-shaft Centrifugal Pump: Flow rate: m³/h Pressure: mWC		
25.160.1501	8 - 24 30 - 50	83.479,69	4.204,69
25.160.1502	8 - 24 50 - 70	89.153,13	4.528,13
25.160.1503	24 - 48 30 - 50	113.171,88	5.821,88
25.160.1504	24 - 48 50 - 70	125.281,25	6.468,75
25.160.1600	Three-pump booster with Horizontal-shaft Centrifugal Pump: Flow rate: m³/h Pressure: mWC		
25.160.1601	10 - 35 30 - 50	127.631,25	3.881,25
25.160.1602	10 - 35 50 - 70	132.579,69	4.204,69
25.160.1603	35 - 70 30 - 50	148.778,13	4.528,13
25.160.1604	35 - 70 50 - 70	171.425,00	5.175,00
25.160.2000	Booster Pump with Frequency Converter: Supply to the work site and installation a frequency-converter booster pump with thermal protection, which shall be installed on a metal chassis, connected together by suction and pump collectors by means of the required check valves, valves and fittings, selected to automatically operate 1 to 6 multi-stage pumps, and made up of a power control panel with an integral frequency converter unit, and equipped with rotation feature that enables or disables the pumps in a given order by means of an analog pressure sensor filters that prevent damaging voltage fluctuations in the control panel, programming function, fuses, and safety systems including a motor protection breaker, and protection against dry operation, short circuit or voltage pressure sensor malfunction, menu control panel, electric motors in IP54 protection class, expansion tank, airtight replaceable membrane made of steel in accordance with TS EN ISO 11124-1,2,3,4, and a sufficient volume and, amount of tanks made of St. 37-2.		
25.160.2100	Single-pump Booster with Vertical Shaft and Frequency Converter: Flow rate: m³/h Pressure: mWC		
25.160.2101	0 - 5 20 - 40	87.950,00	2.587,50
25.160.2102	0 - 5 40 - 60	97.150,00	2.962,50
25.160.2103	0 - 5 60 - 80	100.284,38	3.234,38
25.160.2104	5 - 15 20 - 40	105.771,88	3.609,38
25.160.2105	5 - 15 40 - 60	111.443,75	3.881,25
25.160.2106	5 - 15 60 - 80	115.268,75	4.256,25
25.160.2107	15 - 30 20 - 40	119.540,63	4.528,13
25.160.2108	15 - 30 40 - 60	134.903,13	4.903,13
25.160.2109	15 - 30 60 - 80	147.675,00	5.175,00
25.160.2200	Two-pump Booster with Vertical Shaft and Frequency Converter: Flow rate: m³/h Pressure: mWC		
25.160.2201	0 - 10 30 - 60	142.859,38	3.234,38
25.160.2202	0 - 10 60 - 90	149.506,25	3.881,25
25.160.2203	10 - 30 30 - 60	179.704,69	4.204,69
25.160.2204	10 - 30 60 - 90	199.153,13	4.528,13
25.160.2205	30 - 60 30 - 60	217.251,85	6.251,85
25.160.2206	30 - 60 60 - 90	232.148,73	6.898,73
25.160.2300	Three-pump Booster with Vertical Shaft and Frequency Converter: Flow rate: m³/h Pressure: mWC		
25.160.2301	0 - 20 30 - 60	181.256,25	3.881,25
25.160.2302	0 - 20 60 - 90	189.329,69	4.204,69

Item No	Job Type		UP+Instal.	Instal. Cost (TRY)
25.160.2303	20 - 50	30 - 60	223.028,13	4.528,13
25.160.2304	20 - 50	60 - 90	283.925,00	5.175,00
25.160.2305	50 - 80	30 - 60	308.001,85	6.251,85
25.160.2306	50 - 80	60 - 90	325.398,73	6.898,73
25.160.2307	80 - 120	60 - 90	377.795,60	7.545,60
25.160.2400	Four-pump Booster with Vertical Shaft and Frequency Converter:			
	Flow rate: m³/h	Pressure: mWC		
25.160.2401	0 - 30	30 - 60	210.153,13	4.528,13
25.160.2402	0 - 30	60 - 90	215.800,00	5.175,00
25.160.2403	30 - 60	30 - 60	364.446,88	5.821,88
25.160.2404	30 - 60	60 - 90	498.023,73	6.898,73
25.160.2405	60 - 90	30 - 60	567.295,60	7.545,60
25.160.2406	60 - 90	60 - 90	575.067,48	8.192,48
25.160.2500	Five-pump Booster with Vertical Shaft and Frequency Converter:			
	Flow rate: m³/h	Pressure: mWC		
25.160.2501	0 - 40	30 - 60	284.925,00	5.175,00
25.160.2502	0 - 40	60 - 90	306.696,88	5.821,88
25.160.2503	40 - 80	30 - 60	415.593,75	6.468,75
25.160.2504	40 - 80	60 - 90	491.365,63	7.115,63
25.160.2505	80 - 120	30 - 60	524.067,48	8.192,48
25.160.2506	80 - 120	60 - 90	667.839,35	8.839,35
25.160.2600	Six-pump Booster with Vertical Shaft and Frequency Converter:			
	Flow rate: m³/h	Pressure: mWC		
25.160.2601	0 - 50	30 - 60	360.821,88	5.821,88
25.160.2602	0 - 50	60 - 90	373.468,75	6.468,75
25.160.2603	50 - 100	30 - 60	458.865,63	7.115,63
25.160.2604	50 - 100	60 - 90	553.817,48	8.192,48
25.160.2605	150 - 200	30 - 60	671.589,35	8.839,35
25.160.2606	150 - 200	60 - 90	832.986,23	9.486,23
25.160.2607	200 - 250	60 - 90	979.008,10	10.133,10
25.165.3000	Fully automatic water softening device (Unit: Qty.) (1 - 39 m³/hour)			
	With specifications provided below, and equipped with a resin tank coated with glass-fiber reinforced polyester over ISO-certified polypropylene or made of ST 37 steel per TS pressure vessel norms with the interior and exterior coated with hot-dip galvanized steel as per TS EN ISO 1461, with 10 op test pressure, 2 to 8 ops operating pressure, salt tank made of anti-corrosion polyethylene and equipped with a polyethylene cover with a capacity to take at least the amount required for regeneration, which shall be equipped with a salt water suction pipe, a filter on the pipe inlet, a salt water suction protector made of PVC pipe, a salt tank overflow pipe and a discharge tip. Supply to the work site, building of a concrete base, connection to the installation, and delivery in working order, including a test kit for measurement of water hardness, and operating and maintenance manuals in Turkish, of a multi-way water softening device made of plastic or metal resistant to salt water corrosion, with a resin bed of 0.7 to 1.2 m., resin carrier quartz filter fixed bed height of 15 to 50 cm, required salt amounts and durations factory-preset/adjustable, two sampling taps with automatic valves and inlet and outlet manometers, and two ends equipped with threads or bushes for ease of connection to the installation, which shall be awarded an international certificate of quality, capable of starting regeneration fully automatically once a certain amount of soft water that is pre-programmed and equal to the device capacity has passed through based on the signals received from the meter on the output line; preparing the salt water required for microprocessor-controlled or electromechanical regeneration, which distributes and collects water in the tank by means of filters installed on the platform and/or octopus filter pipes. Concrete base shall be calculated separately by the relevant unit prices. NOTE: Input water hardness is assumed to be 30°F. Accordingly, the resin capacity is assumed to be 6000 F/L. - Water softener device bed speed shall be 30 to 35 m/h. - The tank shall be sized with 40% swelling taken into consideration.			
	Flow Rate	Resin Amount	I/O diameter	capacity
	m³/h	L	Inch	m³/reg.
				Fr.m³/reg

Item No	Job Type					UP+Instal.	Instal. Cost (TRY)
25.165.3001	1.0	35	3/4"	7.0	210	25.806,25	6.468,75
25.165.3002	1.5	50	1"	10.0	300	34.604,69	6.792,19
25.165.3003	2.25	75	1"	15.0	450	37.728,13	7.115,63
25.165.3004	3.0	100	1"	20.0	600	45.387,50	7.762,50
25.165.3005	3.75	125	1"	25.0	750	60.571,88	8.409,38
25.165.3006	4.5	150	1"	30.0	900	69.343,75	9.056,25
25.165.3007	6.0	200	1"	40.0	1.200	101.640,63	9.703,13
25.165.3008	9.0	300	1¼"	60.0	1.800	123.340,63	9.703,13
25.165.3009	12.0	400	1½"	80.0	2.400	215.133,10	10.133,10
25.165.3010	15.0	500	1½"	100.0	3.000	218.831,54	10.456,54
25.165.3011	18.0	600	2"	120.0	3.600	239.029,98	10.779,98
25.165.3012	24.0	800	2"	160.0	4.800	361.301,85	11.426,85
25.165.3013	30.0	1.000	2½"	200.0	6.000	415.206,70	12.331,70
25.165.3014	35.0	1.200	3"	240.0	7.200	498.900,56	13.150,56
25.165.3015	39.0	1.300	3"	260.0	7.800	589.672,44	13.797,44
25.165.4000	Fully automatic water softening device (Unit: Qty.) (45 - 135 m³/hour)						
	The specifications shall be the same as the item 25.165.3000 except that the resin tank with the specifications provided below shall be made of ST 37 steel in compliance with the norms of TS pressurized vessels, interior and exterior shall be coated with hot-dip galvanized steel in compliance with TS EN ISO 1461 or sanded, and coated with two layers of epoxy finish over two layers of epoxy primer, and equipped with a microprocessor controller that can retain a program on its memory for at least a month, an automatic valve group that directs the air or water required to drive the diaphragm valve controlled by the said valve and/or the controller, a metal or plastic housing that directs the raw water or process water, a rubber diaphragm, internal parts of the valve made of anti-corrosive brass, and with a sufficient number of diaphragm valves with threaded or flanged connection to the installation and built to resist a water pressure of 8 ops.						
	Flow Rate m³/h	Resin Amount L	I/O diameter Inch	capacity m³/reg.	Total hardness Fr.m³/reg		
25.165.4001	45	1500	3"	300	9.000	678.319,31	14.444,31
25.165.4002	60	2000	4"	400	12.000	783.326,13	15.951,13
25.165.4003	75	2500	4"	500	15.000	957.707,94	17.457,94
25.165.4004	84	2800	4"	560	16.800	1.044.214,75	18.964,75
25.165.4005	110	3800	5"	760	22.800	1.500.471,56	20.471,56
25.165.4006	135	4500	5"	900	27.000	1.645.978,38	21.978,38
25.165.5000	Two-tank water softening device (tandem)						
	TSEK-certified, and with two tanks except the salt tank, the unit prices including installation and installation fees in the items 25.165.3000 and 4000 shall be raised for 90% for each tank.						
25.170.1000	COLD AND HOT WATER COLLECTOR:						
	Supply to the work site and installation on consoles or on a wall of black collector pipes for the heating system as per the item 25.245.1100 after galvanized in a galvanization bath.						
25.170.1100	Galvanized collector pipe: (Unit: m)						
25.170.1101	Ø50 mm (2")					978,23	388,13
25.170.1102	Ø80 mm (3")					1.398,46	463,13
25.170.1103	Ø100 mm (4")					1.884,08	571,88
25.170.1104	Ø125 mm (5")					2.371,69	646,88
25.170.1105	Ø150 mm (6")					2.764,43	701,25
25.170.1200	Collector outlet: with galvanized sleeves (Unit: Qty.)						
25.170.1201	Ø15 mm					100,31	81,56
25.170.1202	Ø20 mm					109,69	81,56

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.170.1203	Ø25 mm	115,06	81,56
25.170.1204	Ø32 mm	132,81	81,56
25.170.1205	Ø40 mm	163,63	108,75
25.170.1206	Ø50 mm	181,25	108,75
25.170.1207	65 Ø mm. flanged	558,75	108,75
25.170.1208	80 Ø mm. flanged	642,50	108,75
25.170.1209	100 Ø mm. flanged	782,19	135,94
25.170.1210	125 Ø mm. flanged	1.022,19	135,94
25.170.1211	Thermometer, hydrometer and drain outlets (Unit: Qty.)	65,00	46,88
25.175.0000	HOT WATER GENERATORS: (Unit: Qty. TS-736)		
25.175.1000	Boiler with copper serpentine pipes: (TS-736) Supply to site, connection to the installation, and insulation with 5 cm thick blanket-type glass wool or rock wool, of a boiler manufactured in horizontal or vertical configuration in accordance with TS 736, with a body coated inside and outside with epoxy for corrosion resistance, designed to withstand a test pressure equal to 1.5 times its operating pressure of 6 bar, equipped with a flanged cover for installation of a fully removable copper serpentine coil made of tubes with a minimum wall thickness of 1.2 mm, and supported on steel base legs. NOTE: Prices of safety valves, valves and other fixtures at boiler connections shall be based on the relevant unit price.		
25.175.1100	Boiler with copper serpentine pipes and 10 ATM operating pressure, other specifications similar to those of the item 110-100. Horizontal or vertical design, 10-bar operating pressure, 90/70 °C serpentine and 10/60 °C utility water temperature, minimum utility water flow rates and serpentine side maximum flow resistances		
25.175.1101	150 L - min. hot water flow rate: 410 L/h (0.3 kPa)	22.450,00	3.337,50
25.175.1102	200 L - min. hot water flow rate: 510 L/h (0.4 kPa)	28.012,50	3.675,00
25.175.1103	300 L - min. hot water flow rate: 550 L/h (0.4 kPa)	34.832,88	4.407,88
25.175.1104	500 L - min. hot water flow rate: 910 L/h (0.6 kPa)	55.739,99	5.727,49
25.175.1105	800 L - min. hot water flow rate: 1,130 L/h (0.7 kPa)	77.149,36	6.374,36
25.175.1106	1,000 L - min. hot water flow rate: 1,200 L/h (0.7 kPa)	95.493,11	6.918,11
25.175.1107	1,500 L - min. hot water flow rate: 1,540 L/h (1.5 kPa)	127.339,99	7.564,99
25.175.1108	2,000 L - min. hot water flow rate: 1,920 L/h (3.0 kPa)	163.323,73	8.323,73
25.175.1109	2,500 L - min. hot water flow rate: 2,320 L/h (4.0 kPa)	198.323,73	9.073,73
25.175.1110	3,000 L - min. hot water flow rate: 2,640 L/h (7.0 kPa)	230.117,48	9.617,48
25.175.1111	4,000 L - min. hot water flow rate: 3,260 L/h (9.0 kPa)	295.591,19	11.341,19
25.175.1112	5,000 L - min. hot water flow rate: 4,090 L/h (12.0 kPa)	360.134,94	11.884,94
25.175.1200	Boiler with iron serpentine pipe and 10-ATM operating pressure, other specifications shall be the same as the item 25.175.1000: The unit prices including installation in the item 25.175.1100 shall be reduced by 10%, and installation fees shall remain unchanged.		
25.175.1300	Double-wall boiler with 10-ATM operating pressure and other specifications the same as the item 25.175.1000 (TSE 736) Unit prices in installed form and the installation fee shall be charged as per the item 25.175.1200.		
25.175.1400	Vertical Boiler with Single Serpentine; Manufactured as per the standards TS EN13445-3, TS EN 12897 and TS 736, equipped with control and cleaning covers, a nozzle suitable to connect an electric heater if required, interior of the housing and the exterior surface of the serpentine pipes coated with min. 180 microns of enamel, the exterior surface of the housing coated with enamel or 2 layers of anti-rust paint to prevent the housing from corrosion from outside and resistant to a pressure of 1.3 times the 10-ATM operating pressure, serpentine pipes in compliance with the TS ISO 1129 standard, a 200 g/m² magnesium anode or external current anode per unit interior surface area, with the serpentine pipes and external current anodes in compliance with TS 10380 and the Pressurized Equipment Directive (2014/68/EU) if stainless steel serpentine pipes of quality 316 are used. Supply to the work site, installation to the plumbing system, and delivery in working order, of boilers with housing insulated with non-HCFC hard polyurethane of min. 40 kg/m³ density and min. 50 mm thickness or with polyurethane sponges of min. 15 kg/m³ density and min. 8 cm thickness which shall be covered with a layer of galvanized sheet metal or sheet metal with min. 50-micron electrostatic powder		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	coating, or external cover with similar function. Note: Boiler capacities were calculated with 90/70 °C source fluid and 10/60 °C sanitary water temperatures, minimum utility water flow rates and maximum pressure drops in serpentine pipes.		
25.175.1401	100 L - minimum hot water flow rate 240 L/h (0.3 kPa)	17.593,75	2.793,75
25.175.1402	160 L - minimum hot water flow rate 340 L/h (0.2 kPa)	21.875,00	3.337,50
25.175.1403	200 L - Minimum hot water output flowrate: 440 L/h (1.0 kPa)	24.050,00	3.675,00
25.175.1404	300 L - Minimum hot water output flowrate: 530 L/h (1.0 kPa)	30.570,38	4.407,88
25.175.1405	350 L - Minimum hot water output flowrate: 580 L/h (2.0 kPa)	39.155,61	5.080,61
25.175.1406	500 L - Minimum hot water output flowrate: 920 L/h (4.0 kPa)	44.977,49	5.727,49
25.175.1407	600 L - Minimum hot water output flowrate: 920 L/h (4.0 kPa)	50.605,61	5.830,61
25.175.1408	800 L - Minimum hot water output flowrate: 1,340 L/h (10.0 kPa)	65.061,86	6.374,36
25.175.1409	1,000 L - Minimum hot water output flowrate: 1,340 L/h (10.0 kPa)	72.793,11	6.918,11
25.175.1410	1,250 L - Minimum hot water output flowrate: 1,450 L/h (14.0 kPa)	97.508,74	7.021,24
25.175.1411	1,500 L - Minimum hot water output flowrate: 1,710 L/h (20.0 kPa)	104.417,48	7.779,98
25.175.1412	2,000 L - Minimum hot water output flowrate: 2,210 L/h (40.0 kPa)	121.836,23	8.323,73
25.175.1413	2,500 L - Minimum hot water output flowrate: 2,880 L/h (38.0 kPa)	162.448,73	9.073,73
25.175.1414	3,000 L - Minimum hot water output flowrate: 3,330 L/h (58.0 kPa)	196.242,48	9.617,48
25.175.1500	Vertical Boiler with Two Steel Serpentes In vertical design with 10-bar operating pressure, 90/70 °C serpentine and 10/60 °C utility water temperature. The minimum utility water flow rates of the lower serpentine and upper serpentine, the maximum flow resistances of the serpentine side, and other specifications shall be similar to those of vertical boilers with single serpentine.		
25.175.1501	160 L – Lower serpentine: 210 L/h (0.1 Kpa) - Upper serpentine: 150 L/h (0.1 Kpa)	25.525,00	3.337,50
25.175.1502	200 L – Lower serpentine: 270 L/h (0.2 Kpa) - Upper serpentine: 210 L/h (0.2 Kpa)	28.237,50	3.675,00
25.175.1503	300 L – Lower serpentine: 270 L/h (0.2 Kpa) - Upper serpentine: 210 L/h (0.2 Kpa)	35.974,36	4.536,86
25.175.1504	350 L – Lower serpentine: 310 L/h (0.5 Kpa) - Upper serpentine: 250 L/h (0.3 Kpa)	41.130,61	5.080,61
25.175.1505	500 L – Lower serpentine: 920 L/h (4.0 Kpa) - Upper serpentine: 540 L/h (1.0 Kpa)	43.839,99	5.727,49
25.175.1506	600 L – Lower serpentine: 920 L/h (4.0 Kpa) - Upper serpentine: 540 L/h (1.0 Kpa)	52.368,11	5.830,61
25.175.1507	800 L - Lower serpentine: 1340 L/h (10.0 Kpa) - Upper serpentine: 600 L/h (1.5 Kpa)	66.649,36	6.374,36
25.175.1508	1000 L - Lower serpentine: 1340 L/h (10.0 Kpa) - Upper serpentine: 600 L/h (1.5 Kpa)	72.705,61	6.918,11
25.175.1509	1250 L - Lower serpentine: 1450 L/h (14.0 Kpa) - Upper serpentine: 600 L/h (1.5 Kpa)	109.333,74	7.021,24
25.175.1510	1500 L - Lower serpentine: 1710 L/h (20.0 Kpa) - Upper serpentine: 600 L/h (1.5 Kpa)	119.004,98	7.779,98
25.175.1511	2000 L - Lower serpentine: 2210 L/h (40.0 Kpa) - Upper serpentine: 1000 L/h (5.0 Kpa)	129.861,23	8.323,73
25.175.1512	2500 L - Lower serpentine: 2880 L/h (38.0 Kpa) - Upper serpentine: 1230 L/h (4.0 Kpa)	181.448,73	9.073,73
25.175.1513	3000 L - Lower serpentine: 3330 L/h (58.0 Kpa) - Upper serpentine: 1530 L/h (7.0 Kpa)	204.867,48	9.617,48
25.175.1600	Vertical Boiler with Single Copper Serpentine A detachable copper serpentine group with min. 1.2 mm wall thickness and connected to the housing with flanges. Galvanic corrosion measures shall be taken and insulation from the housing shall be established and cathodic protection shall be applied as per DIN 4753-3 for production and installation on the tank of the serpentine group with copper pipes. The boiler with single copper pipe serpentine as defined above shall be supplied and connected. The rest of the specifications shall be the same as those of the single-serpentine vertical boiler.		
25.175.1601	160 L - min. hot water flow rate: 410 L/h (0.3 kPa)	24.343,75	3.131,25
25.175.1602	200 L - min. hot water flow rate: 510 L/h (0.4 kPa)	31.625,00	3.675,00
25.175.1603	300 L - min. hot water flow rate: 550 L/h (0.4 kPa)	34.136,86	4.536,86
25.175.1604	350 L - min. hot water flow rate: 630 L/h (0.4 kPa)	47.830,61	5.080,61
25.175.1605	500 L - min. hot water flow rate: 910 L/h (0.6 kPa)	57.827,49	5.727,49
25.175.1606	600 L - min. hot water flow rate: 910 L/h (0.6 kPa)	70.005,61	5.830,61
25.175.1607	800 L - min. hot water flow rate: 1,130 L/h (0.7 kPa)	81.474,36	6.374,36
25.175.1608	1,000 L - min. hot water flow rate: 1,200 L/h (0.7 kPa)	89.068,11	6.918,11

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.175.1609	1,250 L - min. hot water flow rate: 1300 L/h (0.9 kPa)	94.721,24	7.021,24
25.175.1610	1,500 L - min. hot water flow rate: 1,540 L/h (1.5 kPa)	119.104,98	7.779,98
25.175.1611	2,000 L - min. hot water flow rate: 1,920 L/h (3.0 kPa)	146.698,73	8.323,73
25.175.1612	2,500 L - min. hot water flow rate: 2,320 L/h (4.0 kPa)	188.323,73	9.073,73
25.175.1613	3,000 L - min. hot water flow rate: 2,640 L/h (7.0 kPa)	221.742,48	9.617,48
25.175.1700	Vertical Boiler with Double Copper Serpentine Where copper serpentine pipes are used instead of iron serpentine pipes, other specifications shall be the same as the item 25.175.1400. Unit prices including installation shall be 25% more than item 25.175.1400 and installation fees shall remain unchanged.		
25.175.1701	160 L - minimum hot water flow rate 410 L/h (0.3 kPa) - 240 L/h (0.2 Kpa)	34.675,00	3.337,50
25.175.1702	200 L - minimum hot water flow rate 510 L/h (0.4 kPa) - 290 L/h (0.2 Kpa)	37.812,50	3.675,00
25.175.1703	300 L - minimum hot water flow rate 550 L/h (0.4 kPa) - 340 L/h (0.3 Kpa)	41.849,36	4.536,86
25.175.1704	350 L - minimum hot water flow rate 630 L/h (0.4 kPa) - 370 L/h (0.3 Kpa)	49.018,11	5.080,61
25.175.1705	500 L - minimum hot water flow rate 910 L/h (0.6 kPa) - 420 L/h (0.3 Kpa)	55.589,99	5.727,49
25.175.1706	600 L - minimum hot water flow rate 910 L/h (0.6 kPa) - 420 L/h (0.3 Kpa)	64.418,11	5.830,61
25.175.1707	800 L - minimum hot water flow rate 1,130 L/h (0.7 kPa) - 610 L/h (0.4 Kpa)	83.211,86	6.374,36
25.175.1708	1,000 L - minimum hot water flow rate 1,200 L/h (0.7 kPa) - 770 L/h (0.6 Kpa)	98.980,61	6.918,11
25.175.1709	1,250 L - minimum hot water flow rate 1,300 L/h (0.9 kPa) - 800 L/h (0.6 Kpa)	111.946,24	7.021,24
25.175.1710	1,500 L - minimum hot water flow rate 1,540 L/h (1.5 kPa) - 870 L/h (0.6 Kpa)	135.154,98	7.779,98
25.175.1711	2,000 L - minimum hot water flow rate 1,920 L/h (3.0 kPa) - 1370 L/h (1.5 Kpa)	180.448,73	8.323,73
25.175.1712	2,500 L - minimum hot water flow rate 2320 L/h (4.0 kPa) - 1,150 L/h (0.2 Kpa)	226.948,73	9.073,73
25.175.1713	3,000 L - minimum hot water flow rate 2640 L/h (7.0 kPa) - 1,270 L/h (0.2 Kpa)	274.367,48	9.617,48
25.175.1800	LOW TEMPERATURE BOILER WITH SINGLE STEEL PIPE SERPENTINE This is a vertical design boiler capable of operating at low temperatures of source fluid (55/50) °C and 10-bar operating pressure. The rest of the specifications shall be similar to those of the item 25.175.1400. The capacities are based on 55/50 °C serpentine and 10/45 °C utility water temperature, minimum utility water flow rates and serpentine side maximum flow resistances.		
25.175.1801	160 L - minimum hot water flow rate 260 L/h (5.0 kPa)	20.400,00	3.337,50
25.175.1802	200 L - minimum hot water flow rate 410 L/h (16.0 kPa)	25.387,50	3.675,00
25.175.1803	300 L - minimum hot water flow rate 430 L/h (24.0 kPa)	31.936,86	4.536,86
25.175.1804	500 L - minimum hot water flow rate 430 L/h (30.0 kPa)	42.314,99	5.727,49
25.175.1805	800 L - minimum hot water flow rate 860 L/h (50.0 kPa)	57.599,36	6.374,36
25.175.1806	1,000 L - minimum hot water flow rate 860 L/h (50.0 kPa)	66.230,61	6.918,11
25.175.1807	1,500 L - minimum hot water flow rate 860 L/h (63.0 kPa)	81.992,48	7.779,98
25.175.1808	2,000 L - minimum hot water flow rate 860 L/h (95.0 kPa)	106.848,73	8.323,73
25.175.2500	Accumulation Tank; It shall be used exclusively for storage of hot water, not generate hot water, and be without serpentine pipes, with the other specifications the same as the unit 25.175.1400		
25.175.2501	Accumulation Tank, 100 L	16.968,75	2.768,75
25.175.2502	Accumulation Tank, 150 L	19.725,00	3.287,50
25.175.2503	Accumulation Tank, 200 L	22.812,50	3.575,00
25.175.2504	Accumulation Tank, 300 L	26.895,38	4.295,38
25.175.2505	Accumulation Tank, 350 L	29.818,11	4.943,11
25.175.2506	Accumulation Tank, 500 L	36.802,49	5.577,49
25.175.2507	Accumulation Tank, 600 L	45.343,11	5.693,11
25.175.2508	Accumulation Tank, 800 L	56.061,86	6.211,86
25.175.2509	Accumulation Tank, 1,000 L	62.155,61	6.730,61
25.175.2510	Accumulation Tank, 1,250 L	70.321,24	6.846,24
25.175.2511	Accumulation Tank, 1,500 L	91.104,98	7.579,98

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25.175.2512	Accumulation Tank, 2,000 L	106.836,23	8.098,73
25.175.2513	Accumulation Tank, 2,500 L	135.973,73	8.848,73
25.175.2514	Accumulation Tank 3,000 L	153.617,48	9.367,48
25.175.2800	Addition of an Electric Heater and a Panel Board. Addition of an electric heater and a panel board for use with the boiler and accumulation tanks as per the approved project.		
25.175.2801	Panel board with 1 x 2kW Heater	4.140,63	259,38
25.175.2802	Panel board with 1 x 3kW Heater	5.508,75	311,25
25.175.2803	Panel board with 1 x 4kW Heater	10.345,63	363,13
25.175.2804	Panel board with 1 x 7.5 kW Heater	11.640,00	415,00
25.175.2805	Panel board with 1 x 10kW Heater	15.966,88	466,88
25.175.2806	Panel board with 2 x 4kW Heater	18.691,88	466,88
25.175.2807	Panel board with 2 x 7.5kW Heater	23.731,25	518,75
25.175.2808	Panel board with 2 x 10kW Heater	27.810,00	622,50
25.175.2809	Panel board with 3 x 7.5 kW Heater	28.836,88	674,38
25.175.2810	Panel board with 3 x 10kW Heater	34.128,13	778,13
25.175.2811	Panel board with 4 x 7.5kW Heater	38.267,50	830,00
25.175.2812	Panel board with 4 x 10kW Heater	44.308,75	933,75
25.175.3100	Double-wall Solar Boiler; Supply to the work site and connection to the installation of a horizontal, double-wall solar boiler with interior coated with minimum 180-micron enamel, a housing resistant to 1.3 times the operating pressure of 8 ATM; with the housing insulated with a 5-cm-thick layer of polyurethane with 40 kg/m ³ density and the insulation layer coated with 0.70 micron of electrostatic powder-paint galvanized sheet metal housing or another type of housing with the same effect (If the boiler insulation material is glass wool, the installed unit prices shall be decreased by 10% with the installation fees remaining unchanged.)		
25.175.3101	85 L	7.875,00	2.043,75
25.175.3102	100 L	12.977,50	2.587,50
25.175.3103	120 L	14.254,38	3.234,38
25.175.3104	150 L	17.018,75	3.881,25
25.175.3105	170 L	19.015,63	4.528,13
25.175.3106	200 L	20.850,00	5.175,00
25.175.3107	300 L	25.050,00	5.925,00
25.175.4000	WATER HEATER: (Unit: Qty.) (TS 615 EN 26+AC) Supply, connection to the installation and exhaust flue and delivery in working order of a water heater with enameled surface and minimum three meters of exhaust pipe as per Directive 2016/426/EU on Appliances Burning Gaseous Fuels, released with CE compliance marking.		
25.175.4200	Hermetically-sealed Natural Gas / LPG water heater (TS 615 EN 26/A1,A2, A3, AC)		
25.175.4201	11 L/min (19 kW)	15.651,56	1.139,06
25.175.4202	13 L/min (22.5 kW)	16.714,06	1.139,06
25.175.4203	14 L/min (24.4kW)	17.739,06	1.139,06
25.175.4300	Electric water heaters (TS 2212 EN 60335-2-21/A2) The devices shall be manufactured in compliance with the 2014/35/EU Low Voltage Directive (LVD) and released with the CE compliance marking. Note: Resistance powers are minimum values.		
25.175.4301	15 L 1,000 Watt.	6.349,69	758,44
25.175.4302	30 L 1,500 Watt.	7.420,94	758,44
25.175.4303	40 L 1,500 Watt.	7.654,69	758,44
25.175.4304	50 L 1,500 Watt.	8.298,44	758,44
25.175.4305	60 L 1,800 Watt.	8.802,19	758,44
25.175.4306	80 L 1800 Watt. and above	9.718,13	1.006,88

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25.175.4307	100 L 1800 Watt. and above	10.296,25	1.027,50
25.178.1000	Solar collectors: (Unit: m²) (TS- EN 12975-1 or TS-EN 12975) Fixed solar collectors with regular fluid shall be manufactured as per TS EN 12975-1+A1 or TS EN 12975 with a TSE compliance report, test report and product specifications submitted to the relevant authority, and for such solar collectors, non-recyclable materials should be avoided or minimized to the extent possible for the purpose of energy saving and reduction of pollution, aluminum materials shall be AL-6063 Etial-60 alloys, and materials that do not contain scrap aluminum and are non-flammable shall be used. The collector box shall be water-proof and designed to avoid collecting the condensed water within the collector. Collectors should guarantee that no undesirable stress occurs within the coating even at the highest static temperature. The collectors should be made of materials that will allow them to resist thermal shocks and static conditions that they may be exposed to in summer. The parts and materials of the collectors shall be resistant to the mechanical loads that may occur during the heating and cooling of the collector as well as environmental impacts caused by such factors as rain, snow, hail, wind, extreme humidity and air pollution. The panels shall be coated with oven-dried flat paint or sprayed paint or be compatible with the mechanical, thermal and selective specifications of the selective surface coating. The impact of such operations as cutting, welding and soldering on the absorber should be taken into consideration, and the absorber should be resistant to corrosion. The cover should remain transparent throughout the life cycle of the collector. The covers shall be resistant to ultraviolet radiation, air pollution and high humidity, and condense at high temperatures depending on the collector design. Glass wool or rock wool insulation material used in the side surfaces of the casing and at the back of the absorber shall be min. 3-cm-thick rock wool or glass wool collector mattress with a declared value of thermal conductivity of λ 0.040 W/mK. Insulation materials shall be resistant to the local temperature that may arise during the static temperature conditions of the collector, and final condensation, reduction of panel performance or corrosion of metal surfaces, leading to melting or gas leak in the insulation material within the collector cover at such temperature shall not substantially reduce the collector's performance. The collector glass shall be low-iron-oxide with minimum 90% light transmittance and ensure a low amount of reflection loss. Glass thickness shall be min. 3 mm The glycol-based fluid manufactured for solar systems to prevent corrosion and freezing of the circuit between the solar collector and heat exchanger should be filled in the system and constitute 20% to 60% of the total fluid volume specified in the project design, depending on the climate conditions. All collector glasses shall be tempered. Note: Net opening surface area will be used in measurements and thermal calculations.		
25.178.1031	Selective Aluminum-Surface Solar Collector	9.798,75	1.293,75
25.178.1030	Selective-Surface Solar Collectors Solar collector in compliance with the standards TS EN 12975-1+A1 or TS EN 12975, with copper pipe with a minimum internal diameter of 11 mm in natural circulation and 7 mm in forced circulation, with a monolithic selective surface coating with an absorbcency value over 95%, based on gross area according to TS EN ISO 9806, with min. 70% efficiency certificate from accredited organizations, with the other specifications the same as the item 25.178.1000.		
25.178.1020	Collector (with copper pipes and panels) manufactured by ultrasonic or laser welding method: Solar collectors with absorbers coated with matte black paint, manufactured by ultrasonic or laser welding of copper pipes with an internal diameter of 11 mm in natural circulation and 7 mm in forced circulation to copper plates, with the other specifications the same as the item 25.178.1000.	7.331,25	1.293,75
25.178.1010	Solar collectors with aluminum pipes and panels: Solar collectors manufactured by extrusion or ultrasonic/laser welding method with absorber channels, with an internal diameter of min. 11 mm in natural circulation and 7 mm in forced circulation, integral wings, aluminum tubes, absorber surface coated with matte black paint, with other specifications the same as the item 25.178.1000.	4.783,75	1.293,75
25.178.1200	Solar Power Control Panel: (Unit: Qty.) Installation and delivery in working order of panels with the differential temperature setting adjustable between +2 °C and 20 °C with one of the sensors used to generate hot water by the solar power system sensing the temperature of the collector and the other sensing the temperature of the boiler, thereby controlling the system accordingly, a digital screen indicating the collector temperature, boiler temperature and differential temperature setting, and starting or stopping the pump of the temperature difference between the solar collector and the boiler is higher than the set value. The Control Panels shall be in compliance with the 2014/35/EU The Low Voltage Directive (LVD) , and version 89/336/EEC, version 92/31/EEC and version 93/68/EEC as per the regulation 93/68/EEC on EU electromagnetic compatibility,	9.363,75	585,00

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	released with a CE compliance marking.		
25.178.2001	Galvanized sheet metal solar system carriers (Unit: kg) Manufacture of solar panel carriers made of galvanized sheet metal as per the approved project. Carriers must have an engineering and static calculation report proving their suitability for the project and the geographical conditions of the region.	117,21	66,75
25.178.2002	Aluminum profile solar system carriers (Unit: kg) Manufacture of solar panel carriers made of aluminum profile as per the approved project. Carriers must have an engineering and static calculation report proving their suitability for the project and the geographical conditions of the region.	263,38	66,75
25.178.2003	Stainless Steel solar system carriers (Unit: kg) Manufacture of solar panel carriers made of minimum AISI 304 Stainless Steel as per the approved project. Carriers must have an engineering and static calculation report proving their suitability for the project and the geographical conditions of the region.	209,75	66,75
25.178.3100	Automatic Solar Liquid Feeding Unit (Unit: Qty.): In accordance with the approved project, the supply and installation of an automatic solar liquid feeding unit with a minimum volume of 200 liters made of galvanized sheet metal or polyethylene material, supported by a tank and panel, automatically filling in case of liquid shortage in the system, protecting the pump by stoppage in case the solar liquid in the feeding unit runs out, and helping the system operate by issuing a warning with the audible warning device, including a leakage current relay, audible warning device, pressure switch, thermic, contactor, electric on-off switch, check valve, ball valve, pump, piping and all necessary equipment.		
25.178.3101	Flow rate 0.5 m³/h, Pressure 20-40 mWC	33.981,88	1.231,88
25.178.3102	Flow rate 1 m³/h, Pressure 40-60 mWC	38.444,38	1.306,88
25.178.3103	Flow rate 2 m³/h, Pressure 60-80 mWC	51.006,88	1.381,88
25.180.1000	ULTRAVIOLET STERILIZATION DEVICE (Unit: Qty.) (1.5-50 m³/h) Supply to the work site, connection to the installation, and delivery in working order, with operator's and user's manual in Turkish, of a UV sterilization device whose specifications are provided below, with housing and wet surfaces made of stainless steel of AISI 304 quality, a cover transmitting 90 to 95% of UV beams for each ultraviolet lamp inside the housing so as to block contact of such lamps with water, minimum 30,000 microwatts/second/cm² ultraviolet light intensity and 254 nm wavelength, UV lamps with min. 9000 hours of service life, visor on the housing to confirm whether the UV lamp operates or a system that sounds an audible alarm in case of a malfunction; with an operating pressure of 2 to 8 bars, and both ends with threads or bushes to ensure ease of connection to the installation, complete with device inlet and outlet, and bypass line valves, inlet and outlet manometers, and inlet and outlet sample valves. Flow Rate Min. Power Consumption (W) Device Inlet/Outlet		
25.180.1001	1.5 21 3/4" - 1"	10.957,50	1.293,75
25.180.1002	3.0 39 1"	12.565,00	1.668,75
25.180.1003	5.0 75 1½"	22.565,63	1.940,63
25.180.1004	10.0 150 1½" - 2"	35.450,00	2.587,50
25.180.1005	15.0 225 2" - 2½"	44.596,88	2.859,38
25.180.1006	20.0 300 2"	52.959,38	3.234,38
25.180.1007	25.0 310 2½"	64.028,13	3.778,13
25.180.1008	30.0 450 2½"	79.175,00	4.425,00
25.180.1009	40.0 600 3"	93.996,88	4.696,88
25.180.1010	50.0 750 4"	127.956,25	4.968,75
25.180.2000	FULLY AUTOMATIC, MULTI-MEDIA FILTERING DEVICE (Unit: Qty.) (1-15 m³/h) Supply to the work site, building of a concrete base, connection to the installation, and delivery in working order, including operating and maintenance manuals in Turkish, of a filter device with the specifications provided below and with an international certificate of quality, and equipped with a media tank made of a material coated with glass-fiber-reinforced polyester on ISO-certified polyethylene cartridge or of ST 37 steel in compliance with the TS pressure vessel norms with the interior and exterior coated with hot-dip galvanized steel as per TS EN ISO 1461 or sanded, and coated with two layers of epoxy finish over two layers of epoxy primer, and with three-layer sieved quartz filter gravel that is 40 to		

Item No	Job Type				UP+Instal.	Instal. Cost (TRY)
	50% by volume and a filter bearing height of min. 0.7 m, a microprocessor or a timer that starts regeneration fully automatically by means of a programming feature that allows programming at an interval of 1 day to 7 days, with automatic valves, two sampling valves and inlet and outlet manometers, and two tips equipped with threads or bushes for ease of connection to the installation, which distributes and collects water in the tank by means of filters installed on the platform and/or octopus filter pipes, has a testing pressure of 10 ops and an operating pressure of 2 to 8 ops, and 50 to 60 percent of the volume of which is made of anthracite. Concrete base shall be calculated separately by the relevant unit prices. Note: Filter bearing speed shall be max. 25 m/h. - The tank shall be sized with 40% swelling taken into consideration. Flow rate Filter material Input/Output Diameter Min. Tank Section m ³ /h Amount - L Inch Area - m ²					
25.180.2001	1.0	35	3/4"	0.05	15.416,25	3.881,25
25.180.2002	1.7	75	1"	0.08	22.465,63	4.528,13
25.180.2003	2.0	100	1"	0.10	28.337,50	5.175,00
25.180.2004	2.5	125	1"	0.12	32.346,88	5.821,88
25.180.2005	3.2	150	1"	0.16	39.168,75	6.468,75
25.180.2006	4.0	200	1"	0.20	51.015,63	7.115,63
25.180.2007	6.0	300	1¼"	0.3	62.712,50	7.762,50
25.180.2008	10.0	450	1½"	0.5	113.611,86	8.624,36
25.180.2009	13.0	450	2"	0.5	151.896,24	9.271,24
25.180.2010	15.0	600	2"	0.6	192.758,10	10.133,10
25.180.2020	FULLY AUTOMATIC, MULTI-MEDIA FILTERING DEVICE (Unit: Qty.) (19-90 m³/h) The specifications shall be the same as the item 25.180.2000 except that the filter tank with the specifications provided below shall be made of ST 37 steel in compliance with the norms of TS pressurized vessels, interior and exterior shall be coated with hot-dip galvanized steel in compliance with TS EN ISO 1461 or sanded, and coated with two layers of epoxy finish over two layers of epoxy primer, and an automatic valve group that directs the air or water required to drive the time-controlled diaphragm valve controlled by the valve and/or the controller or the PLC (Programmable Logic Controller), a metal or plastic housing that directs the raw water or process water, a rubber diaphragm, internal parts of the valve made of anti-corrosive brass, and with a sufficient number of diaphragm valves with threaded or flanged connection to the installation and built to resist a water pressure of 8 ops. Flow rate Filter material Input/Output Diameter Min. Tank Section m ³ /h Amount - L Inch Area - m ²					
25.180.2021	19.0	1000	2"	0.9	272.779,98	10.779,98
25.180.2022	27.0	1250	2½"	1.3	347.426,85	11.426,85
25.180.2023	35.0	1500	2½"	1.8	410.823,73	12.073,73
25.180.2024	40.0	2000	3"	2.0	519.970,60	12.720,60
25.180.2025	50.0	2500	4"	2.5	638.922,44	13.797,44
25.180.2026	60.0	3000	4"	2.8	784.091,19	15.091,19
25.180.2027	80.0	3750	5"	3.8	1.011.988,06	15.738,06
25.180.2028	90.0	4500	5"	4.5	1.113.509,94	17.134,94
25.180.3000	FULLY ACTIVATED CARBON FILTERING DEVICE (Unit: Qty.) (1-15 m³/h) Supply to the work site, building of a concrete base, connection to the installation, and delivery in working order, including operating and maintenance manuals in Turkish, of a filter device with the specifications provided below and with an international certificate of quality, and equipped with a media tank made of a material coated with glass-fiber-reinforced polyester on polyethylene cartridge or of ST 37 steel with the interior and exterior coated with hot-dip galvanized steel as per TS EN ISO 1461 or sanded, and coated with two layers of epoxy finish over two layers of epoxy primer, granular active carbon filter, and a filter bearing height of min. 0.7 m, a microprocessor or a timer that starts backwash fully automatically by means of a programming feature that allows programming at an interval of 1 day to 7 days, with automatic valves, two sampling valves and inlet and outlet manometers, and two tips equipped with threads or bushes for ease of connection to the installation, which distributes and collects water in the tank by means of filters installed on the platform and/or octopus filter pipes, has a					

Item No	Job Type				UP+Instal.	Instal. Cost (TRY)
	testing pressure of 10 ops and an operating pressure of 2 to 8 ops. Note: Filter bearing speed shall be max. 25 m/h. - The tank shall be sized with 40% swelling taken into consideration. Flow rate Filter material Input/Output Diameter Min. Tank Section m³/h Amount - L Inch Area - m²					
25.180.3001	1.0	35	3/4"	0.05	19.406,25	3.881,25
25.180.3002	1.7	75	1"	0.08	27.928,13	4.528,13
25.180.3003	2.0	100	1"	0.10	35.400,00	5.175,00
25.180.3004	2.5	125	1"	0.12	46.709,38	5.821,88
25.180.3005	3.2	150	1"	0.16	55.943,75	6.468,75
25.180.3006	4.0	200	1"	0.20	69.278,13	7.115,63
25.180.3007	6.0	300	1¼"	0.3	104.125,00	7.762,50
25.180.3008	10.0	450	1½"	0.5	159.249,36	8.624,36
25.180.3009	13.0	450	2"	0.5	187.271,24	9.271,24
25.180.3010	15.0	600	2"	0.6	228.383,10	10.133,10
25.180.3020	FULLY AUTOMATIC ACTIVATED CARBON FILTER DEVICE: (Unit: Qty.) (19-90 m³/h) The specifications shall be the same as the item 25.180.3000 except that the filter tank with the specifications provided below shall be made of ST 37 steel, interior and exterior shall be coated with hot-dip galvanized steel in compliance with TS EN ISO 1461 or sanded, and coated with two layers of epoxy finish over two layers of epoxy primer, and an automatic valve group that directs the air or water required to drive the time-controlled diaphragm valve controlled by the valve and/or the controller or the PLC (Programmable Logic Controller), a metal or plastic housing that directs the raw water or process water, a rubber diaphragm, internal parts of the valve made of anti-corrosive brass, and with a sufficient number of diaphragm valves with threaded or flanged connection to the installation and built to resist a water pressure of 8 ops.					
	Flow rate	Filter material	Input/Output Diameter	Min. Tank Section		
	m³/h	Amount - L	Inch	Area - m²		
25.180.3021	19.0	800	2"	0.78	257.654,98	10.779,98
25.180.3022	27.0	1250	2½"	1.3	319.051,85	11.426,85
25.180.3023	35.0	1500	2½"	1.8	380.698,73	12.073,73
25.180.3024	40.0	1500	3"	1.8	551.095,60	12.720,60
25.180.3025	50.0	2500	4"	2.5	952.797,44	13.797,44
25.180.3026	60.0	2500	4"	2.5	993.716,19	15.091,19
25.180.3027	80.0	3750	5"	3.8	1.295.988,06	15.738,06
25.180.3028	90.0	4500	5"	4.5	1.477.884,94	17.134,94
25.182.1000	AUTOMATIC IRRIGATION SYSTEM COMPONENTS					
25.182.1100	SPRAY-TYPE POP-UP SPRINKLER: (Unit: Qty.) Supply to the work site completely, installation, adjustment and delivery in working order, of spray-type sprinklers for use at green fields, including a connection pipe up to 2 meters, two adapters and two clamps for each sprinkler with flow rate, pressure, spraying range and height in compliance with the relevant project design, with a polypropylene plastic housing and an operating temperature of 1.0 to 5 bars; a flow rate adjustable to a spraying range of 3 to 5 meters; an adjustable angle of 0 to 360 degrees; ½" housing, a minimum 10-cm pop-up height, which allow installation of nozzles to perform square, rectangular or star-shaped irrigation, adjustment of the spraying range by an integrated screw, and installation of an optional check valve with a filter that strains impurities.				204,38	103,75
25.182.1200	ROTOR TYPE SPRINKLER IRRIGATION SYSTEMS: (Unit: Qty.) Supply to the work site completely, installation, adjustment, and delivery in working order of polypropylene rotor type sprinklers for irrigation of green fields, with technical specifications including flow rate, pressure, spray range and height designed for rotor spring in compliance with the relevant project design, equipped with a water-lubricated gear mechanism, a standard nozzle set, a nozzle inlet on head, and an optional check valve.					
25.182.1201	Rotor Type Pop-up Sprinkler (1/2") Irrigation sprinkle with polypropylene plastic housing, an operating pressure of 1.7 to 3.8				493,75	150,00

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	bars, a spray range of 4.6 - 9.4 meters, a flow rate of min. 0.12 to 1.20 m³/h, 40° to 360° adjustable angle, 1/2" grooved female inlet, and min. 10-cm pop-up height		
25.182.1202	Rotor Type Pop-up Sprinkler (3/4") Irrigation sprinkle with polypropylene plastic housing, an operating pressure of 1.0 to 5 bars, a spray range of 7 - 15 meters, a flow rate of min. 0.17 - 2.5 m³/h, 40° to 360° adjustable angle, 3/4" grooved female inlet, and min. 10-cm pop-up height	593,75	225,00
25.182.1203	Rotor Type Pop-up Sprinkler (1") Irrigation sprinkler with polypropylene plastic housing, 3.5 to 6.9 bar operating pressure, 13.1 to 23.2 meter spray range, 2.54 to 7.73 m³/h flow rate, 50 to 360°, minimum 10 cm pop-up	2.256,25	300,00
25.182.1300	Environmental Flow Tap: (Unit: Qty.) Supply to the work site and installation of an environmental flow tap, operating via automatic coupling, drawing water from the system by attaching the special hose adapter piece to the main coupling when watering by hand, cutting off the water when removed, with a body made of high-density polyethylene material.		
25.182.1301	1/2 "	316,25	150,00
25.182.1302	3/4"	332,50	150,00
25.182.2003	With 9 Stations	5.783,75	843,75
25.182.2001	With 4 Stations	3.634,38	605,63
25.182.2000	Electric Irrigation Controller: (Unit: Qty.) Supply to the work site completely, installation, adjustment and delivery in working order of 24-VAC Control Units for programming the operating times of the solenoid valves used for irrigation of green fields, with technical specifications including the number of programs, starting times and stations as provided in the project design; presets to enable quick programming; a test program to enable system testing; built-in batteries protect to retain the program for 24 hours and a protection kit for protection against power surges; a transformer with 230 VAC, 50 Hz input and 24 VAC output, and an built-in casing, which can increase or decrease the irrigation times globally by means of a water saving function based on seasonal changes by means of an independent program.		
25.182.2002	With 6 Stations	4.480,63	714,38
25.182.2004	With 12 Stations	10.178,75	952,50
25.182.2005	With 16 Stations	12.585,63	1.081,88
25.182.2006	With 24 Stations	21.665,63	1.190,63
25.182.2050	Battery-Powered, Bluetooth-Enabled, Irrigation Controller: (Unit: Qty.) The complete supply to the work site, installation and delivery in working order of irrigation controllers used in green area irrigation, with technical specifications suitable for the project in order to manage the operating times of 9V DC solenoid valves without contact, such as number of programs, number of start times, number of stations, with a seasonal adjustment function that enables increasing and decreasing irrigation times at certain rates on a monthly basis, suitable for installation in plastic valve boxes, powered by 1.5V or 9V alkaline batteries placed in waterproof reservoirs, allowing contactless use via mobile phone (BT) without having to open the valve box covers, allowing for irrigation plans and device settings recorded in the internal memory of the device to be changed.		
25.182.2051	1-station	3.912,50	442,50
25.182.2052	2-station	4.770,63	496,88
25.182.2053	4-station	5.293,13	605,63
25.182.2054	6-station	5.972,50	660,00
25.182.2100	Rain Sensor: (Unit: Qty.) Supply to the work site completely, installation, adjustment and delivery in working order of a sensor for stopping irrigation during rain, which shall be equipped with a UV-resistant polymer housing; a UV-resistant extension cord; and an adjustable valve to control the drying period, which shall be adjustable for 3.2 to 20 mm of rain, and be compatible with both 9V and 24V control devices.	1.813,75	375,00
25.182.2200	SOLENOID VALVES: (Unit: Qty.) Supply to the work site completely, installation, adjustment and delivery in working order of a solenoid		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	valve for irrigation of green fields and controlling the water flow, with technical specifications including the flow rate, pressure and temperature in compliance with the project design, with a plastic housing, a flow rate of 0.5 to 68.0 m ³ /h, an operating pressure of 1.0 to 14 bars and resistance to a temperature of max. 43 °C ; with a solenoid housing that can be equipped with a pressure reducer and water flow control, which allows valves to be installed on the sides or at the bottom; and allows installation of 9-volt solenoids and turning the normally closed solenoid valves on / off manually. Nominal Diameter (mm):		
25.182.2201	25 mm	1.371,25	543,75
25.182.2202	40 mm	2.971,25	543,75
25.182.2203	50 mm	3.908,75	543,75
25.182.2204	80 mm	12.531,25	543,75
25.182.2300	PLASTIC VALVE BOXES: (Unit: Qty.) Supply to the work site completely and installation of polypropylene plastic valve boxes in cubic and rectangular forms designed to preserve the valves used for irrigation of green fields, with technical specifications including the width, length and height in compliance with the relevant project; with a special screw-locked green cover matching the color of the green field and factory-cut holes at the bottom edge for easy installation of pipes, Type Width (mm.) Length (mm.) Height (mm.)		
25.182.2301	Cubic, 240 mm	378,13	129,38
25.182.2302	Rectangular 260 mm. 380 mm. 300 mm	566,88	129,38
25.182.2303	Rectangular 380 mm. 540 mm. 300 mm	773,13	129,38



REPUBLIC OF TÜRKİYE
MINISTRY OF ENVIRONMENT, URBANIZATION,
AND CLIMATE CHANGE

Higher Technical Board

1934

HEATING SYSTEM INSTALLATION
UNIT PRICES AND SPECIFICATIONS

2025

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.200.1000	HOT WATER GENERATOR, SECTIONAL CAST IRON BOILERS: (LIQUID OR GAS FUEL) (TS 430, TS EN 303-1/2/3) UNIT: (Qty., Unit of Measure: (kcal/h) kW, Thermodynamic and endurance calculations shall be conducted for the operating pressure required by the standards TS 430, TS EN 303-1, TS EN 303-2, TS EN 303-3, and the capacity and thermal efficiency values found by capacity and thermal efficiency tests conducted as per the standards TS-4040 and TS 4041 as well as the communiqué no. 93/80-81 published in the Official Gazette no. 21651 dated July 28, 1993 shall not be lower than the minimum values specified in the said communiqué and Turkish standards, and boilers with lower efficiency shall not be used. The said results shall be documented and specified in the relevant projects. Manufacture, transportation to the work site, installation on the designated base, and delivery in working order of the boiler. Notes: 1- Liquid or gas-powered hot water boilers with minimum 4 kW and maximum 400 kW power shall be manufactured in compliance with the Directive (92/42/EEC) Hot-Water Boilers and the Directive (2016/426/EU) Appliances Burning Gaseous Fuels, released with a CE compliance marking, and be in compliance with the "Regulation on Controlling the Air Pollution Caused by Heating" and the "Regulation on Controlling the Industrial Air Pollution." 2- A control panel containing an operating thermostat, safety thermostat and thermometer shall be supplied with the boiler. No additional fee shall be charged for these items. 3- Unit prices for other capacities shall be interpolated.		
25.200.1100	Liquid- and Gas-fueled Hot Water Generator Sectional Cast Iron Boilers: (Operating pressure up to 6 ops) (TS EN 303-1/2/3 ve TS 430)		
25.200.1111	(375,000 kcal/h) 436 kW	275.104,81	14.354,81
25.200.1112	(425,000 kcal/h) 494 kW	304.361,64	15.861,64
25.200.1113	(475,000 kcal/h) 552 kW	337.799,00	19.424,00
25.200.1114	(525,000 kcal/h) 611 kW	364.848,85	20.848,85
25.200.1115	(575,000 kcal/h) 669 kW	393.567,46	22.067,46
25.200.1116	(625,000 kcal/h) 727 kW	561.786,06	23.286,06
25.200.1117	(675,000 kcal/h) 785 kW	607.504,68	25.254,68
25.200.1118	(725,000 kcal/h) 843 kW	670.423,43	25.798,43
25.200.1119	(775,000 kcal/h) 901 kW	677.098,28	27.223,28
25.200.1120	(825,000 kcal/h) 959 kW	682.642,03	27.767,03
25.200.1121	(875,000 kcal/h) 1017 kW	762.185,78	28.310,78
25.200.1200	HOT WATER GENERATOR, SOLID-FUEL, SECTIONAL CAST IRON BOILERS: (TS EN 303-5, TS EN 12809) (Operating Pressure up to 6 ops) UNIT: (Qty., Unit of Measure: (kcal/h) kW) Production, transportation to the work site, installation on the designated base, and delivery in working order, of the boiler with the capacity and thermal efficiency reports in compliance with the relevant standard, for which thermodynamic and endurance calculations were made as per the construction pressure required by TS EN 303-5, and the capacity and thermal values of which shall not be lower than those specified in the relevant Turkish standards. The equipment that is supplied manually with solid fuel, have a greater PS x V value than 50 bars x liter and a maximum temperature of 110 °C as per the Regulation (EU) No.305/2011 Construction Products and the Directive (2014/68/EU) Pressure Equipment shall be manufactured in compliance with the basic requirements specified in the article 2.10, 2.11, 3.4, 5 (a) and 5 (ç) of the annex (ANNEX 1) of the said Regulation, released with a CE marking, and comply with the "Regulation on Controlling the Air Pollution Caused by Heating" and the "Regulation on Controlling the Industrial Air Pollution."		
25.200.1201	30,000 kcal/h 37 kW	54.512,50	4.012,50
25.200.1202	32,500 kcal/h 38 kW	65.900,00	5.100,00
25.200.1203	40,000 kcal/h 48 kW	74.581,25	5.643,75
25.202.0000	HOT WATER GENERATOR, STEEL (WELDED) HEATING BOILER: Unit: Qty., measuring unit: (kcal/h) kW Three-pass boilers with tube bundles except for the cooker outlet, and with the thermodynamic and endurance values calculated in accordance with the required construction pressure as per such standards as TS EN 303-5, TS EN 303-1-2-3, TS 497, TS EN 12953, Notes: 1-a. The equipment that is supplied manually with solid fuel, have a greater PS x V		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	value than 50 bars x liter and a maximum temperature of 110 °C as per the Directive (2014/68/EU) Pressure Equipment shall be in compliance with the basic requirements specified in the article 2.10, 2.11, 3.4, 5 (a) and 5 (ç) of the annex (ANNEX 1) of the said Regulation, and comply with the “Regulation on Controlling the Air Pollution Caused by Heating” and the “Regulation on Controlling the Industrial Air Pollution.” b.) Liquid or gas-powered hot water boilers with minimum 4 kW and maximum 400 kW power shall be in compliance with the Directive (92/42/EEC) Hot-Water Boilers and the Directive (2016/426/EU) Appliances Burning Gaseous Fuels, and be in compliance with the “Regulation on Controlling the Air Pollution Caused by Heating” and the “Regulation on Controlling the Industrial Air Pollution.” 2- The boiler shall be manufactured, transported to the work site, installed on the designated base, and delivered in working order. 3- Values for other capacities shall be interpolated. 4- It shall be awarded capacity and efficiency test reports as per the standards that the boiler is subject to, the capacity and thermal efficiency values found by the capacity and thermal efficiency tests shall not be lower than the minimum values required by Turkish Standards, and boilers with values lower than them shall not be used. The said results shall be documented. (Testing only the largest and the smallest boiler provided that the ratio of the nominal power of the largest boiler to the smallest boiler is 2:1 for the boilers in the same structural design and product range in accordance with TS EN 303-3).		
25.202.1000	HOT WATER GENERATOR, STEEL (WELDED) HEATING BOILER: SOLID FUEL: Unit: Qty., measuring unit: (kcal/h) kW Q ≤ 500 KW , up to six bars of operating pressure; TS EN 303-5 Q> 500 KW, up to 5 bars of structural pressure; TS 497 Q ≤ 500 KW, For construction pressures higher than 5 bars; TS 12953 Q> 500 KW, For construction pressures higher than 5 bars; TS EN 12953 Q ≤ 500 KW, For construction pressures higher than 0.5 bars; TS EN 12953 Q> 500 KW, For construction pressures higher than 0.5 bars; TS EN 12953 Solid-fuel, construction pressure as given in the approved Project, with the other specifications similar to the item 25.202.0000.		
25.202.1100	Welded Steel Hot Water Generator Heating Boilers with 3 ATM construction pressure: Other specifications shall be the same as the item 25.202.1000.		
25.202.1101	(40,000 kcal/h) 46 kW	82.225,00	6.262,50
25.202.1102	(60,000 kcal/h) 70 kW	100.291,19	7.666,19
25.202.1103	(90,000 kcal/h) 100 kW	129.422,44	8.959,94
25.202.1104	(100,000 kcal/h) 115 kW	154.334,94	8.959,94
25.202.1105	(120,000 kcal/h) 140 kW	164.753,69	9.503,69
25.202.1106	(150,000 kcal/h) 175 kW	172.047,44	10.797,44
25.202.1107	(180,000 kcal/h) 210 kW	188.407,38	11.657,38
25.202.1108	(210,000 kcal/h) 245 kW	201.451,13	12.201,13
25.202.1109	(240,000 kcal/h) 280 kW	243.494,88	12.744,88
25.202.1110	(270,000 kcal/h) 313 kW	252.494,88	12.744,88
25.202.1111	(300,000 kcal/h) 350 kW	281.104,81	14.354,81
25.202.1112	(330,000 kcal/h) 385 kW	308.604,81	14.354,81
25.202.1113	(360,000 kcal/h) 420 kW	331.773,56	14.898,56
25.202.1114	(390,000 kcal/h) 455 kW	366.911,64	17.661,64
25.202.1115	(400,000 kcal/h) 465 kW	379.249,14	18.749,14
25.202.1116	(420,000 kcal/h) 490 kW	384.499,14	18.749,14
25.202.1117	(450,000 kcal/h) 523 kW	396.374,14	19.499,14
25.202.1118	(480,000 kcal/h) 560 kW	407.392,60	21.392,60
25.202.1119	(500,000 kcal/h) 580 kW	415.142,60	21.392,60
25.202.1120	(540,000 kcal/h) 630 kW	431.436,35	21.936,35
25.202.1121	(600,000 kcal/h) 700 kW	492.355,10	23.230,10
25.202.1122	(660,000 kcal/h) 770 kW	521.023,85	23.773,85

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.202.1123	(720,000 kcal/h) 840 kW	531.748,56	25.873,56
25.202.1124	(780,000 kcal/h) 905 kW	546.667,31	26.417,31
25.202.1125	(840,000 kcal/h) 975 kW	617.417,31	26.417,31
25.202.1126	(900,000 kcal/h) 1,045 kW	671.685,78	28.310,78
25.202.1127	(1,050,000 kcal/h) 1,220 kW	691.398,28	30.898,28
25.202.1128	(1,200,000 kcal/h) 1,400 kW	785.360,78	32.735,78
25.202.1129	(1,350,000 kcal/h) 1,570 kW	841.579,53	36.954,53
25.202.1130	(1,500,000 kcal/h) 1,750 kW	887.210,78	39.335,78
25.202.1131	(1,800,000 kcal/h) 2,100 kW	991.473,28	44.848,28
25.202.1200	4 ATM construction pressure: Unit prices including installation and installation fees shall be 5% higher than the item 25.202.1000, and the rest of the specifications shall be the same as the item 25.202.1000.		
25.202.1300	5 ATM construction pressure: Unit prices including installation and installation fees shall be 10% higher than the item 25.202.1000, and the rest of the specifications shall be the same as the item 25.202.1000.		
25.202.2000	HOT WATER GENERATOR, STEEL (WELDED) HEATING BOILER: FLUID AND GAS FUEL: Unit: Qty., measuring unit: (kcal/h) kW Q ≤ 70 kW, up to 3 bars of operating pressure; TS 9876 EN 303-4 Q ≤ 1000 kW, up to 8 bars of operating pressure; TS EN 303-1-2-3 Q ≤ 1000 kW, for those above eight bars of operating pressure; TS EN 12953 Q > 1000 kW, up to 5 bars of structural pressure; TS 497 Q > 1000 kW, For construction pressures higher than 5 bars; TS EN 12953 Q ≤ 1000 kW, For construction pressures higher than 0.5 bars; TS EN 12953 Q > 1000 kW, For construction pressures higher than 0.5 bars ; TS EN 12953 Liquid- and gas-fuel, construction pressure as given in the approved Project, with the other specifications similar to the item 25.202.0000.		
25.202.2100	Liquid and gas-fueled, steel (welded) hot water generator heating boilers with 3 ATM construction pressure Other specifications are the same as the Item 25.202.2000.		
25.202.2108	(350,000 kcal/h) 405 kW	157.398,56	14.898,56
25.202.2109	(400,000 kcal/h) 465 kW	172.286,64	17.661,64
25.202.2110	(500,000 kcal/h) 580 kW	190.142,60	21.392,60
25.202.2111	(600,000 kcal/h) 700 kW	239.186,35	21.936,35
25.202.2112	(700,000 kcal/h) 810 kW	265.248,56	25.123,56
25.202.2113	(800,000 kcal/h) 930 kW	284.435,78	28.310,78
25.202.2114	(1,000,000 kcal/h) 1,160 kW	428.673,56	29.548,56
25.202.2115	(1,250,000 kcal/h) 1,450 kW	479.354,81	35.604,81
25.202.2116	(1,500,000 kcal/h) 1,750 kW	532.223,28	44.848,28
25.202.2117	(2,000,000 kcal/h) 2,325 kW	659.148,28	48.523,28
25.202.2118	(2,500,000 kcal/h) 2,900 kW	792.542,03	57.167,03
25.202.2119	(3,000,000 kcal/h) 3,490 kW	941.060,78	65.060,78
25.202.2200	4 ATM construction pressure: Unit prices including installation and installation fees shall be 5% higher than the item 25.202.2100, and the rest of the specifications shall be the same as the item 202.2000.		
25.202.2300	5 ATM construction pressure: Unit prices including installation and installation fees shall be 10% higher than the item 25.202.2100, and the rest of the specifications shall be the same as the item 25.202.2000.		
25.202.2400	6 ATM construction pressure: Unit prices including installation and installation fees shall be 12% higher than the item 25.202.2100, and the rest of the specifications shall be the same as the item 25.202.2000.		
25.202.3000	HOT WATER GENERATOR, STEEL (WELDED) HEATING BOILER: FLUID AND GAS FUEL: Unit: Qty., measuring unit: (kcal/h) kW Q ≤ 70 kW, up to 3 bars of operating pressure ; TS 9876 EN 303-4 Q ≤ 1000 kW, up to 8 bars of operating pressure; TS EN 303-1-2-3		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	$Q \leq 1000$ kW, for those above eight bars of operating pressure; TS EN 12953 $Q > 1000$ kW, up to 5 bars of structural pressure ; TS 497 $Q > 1000$ KW, For construction pressures higher than 5 bars; TS EN 12953 $Q \leq 1000$ KW, For construction pressures higher than 0.5 bars; TS EN 12953 $Q > 1000$ KW, For construction pressures higher than 0.5 bars; TS EN 12953 Three-pass with the second pass single-tube, liquid- and gas-fuel, construction pressure as given in the approved Project, with the other specifications similar to the item 25.202.0000.		
25.202.3100	Liquid and gas-fueled hot water generator heating boilers made of steel with 3 ATM construction pressure: Other specifications shall be the same as the item 25.202.3000.		
25.202.3111	(350,000 kcal/h) 405 kW	163.523,56	14.898,56
25.202.3112	(400,000 kcal/h) 465 kW	187.661,64	17.661,64
25.202.3113	(500,000 kcal/h) 580 kW	216.767,60	21.392,60
25.202.3114	(600,000 kcal/h) 700 kW	247.311,35	21.936,35
25.202.3115	(700,000 kcal/h) 810 kW	291.998,56	25.123,56
25.202.3116	(800,000 kcal/h) 930 kW	342.935,78	28.310,78
25.202.3117	(1,000,000 kcal/h) 1,160 kW	397.548,56	29.548,56
25.202.3118	(1,250,000 kcal/h) 1,450 kW	511.979,81	35.604,81
25.202.3119	(1,500,000 kcal/h) 1,750 kW	608.348,28	44.848,28
25.202.3120	(2,000,000 kcal/h) 2,325 kW	711.898,28	48.523,28
25.202.3121	(2,500,000 kcal/h) 2,900 kW	926.292,03	57.167,03
25.202.3122	(3,000,000 kcal/h) 3,490 kW	1.059.810,78	65.060,78
25.202.3200	4 ATM construction pressure: Unit prices including installation and installation fees shall be 5% higher than the item 25.202.3100, and the rest of the specifications shall be the same as the item 25.202.3000.		
25.202.3300	5 ATM construction pressure: Unit prices including installation and installation fees shall be 10% higher than the item 25.202.3100, and the rest of the specifications shall be the same as the item 25.202.3000.		
25.202.3400	6 ATM construction pressure: Unit prices including installation and installation fees shall be 12% higher than the item 25.202.3100, and the rest of the specifications shall be the same as the item 25.202.3000.		
25.202.4000	HOT WATER GENERATOR, STEEL (WELDED) HEATING BOILER: FLUID AND GAS FUEL: Unit: Qty., measuring unit: (kcal/h) kW $Q \leq 70$ kW, up to 3 bars of operating pressure ; TS 9876 EN 303-4 $Q \leq 1000$ kW, up to 8 bars of operating pressure; TS EN 303-1-2-3 $Q \leq 1000$ kW, for those above eight bars of operating pressure ; TS EN 12953 $Q > 1000$ kW, up to 5 bars of structural pressure ; TS 497 $Q > 1000$ KW, For construction pressures higher than 5 bars ; TS EN 12953 $Q \leq 1,000$ KW, For construction pressures higher than 0.5 bars; TS EN 12953 $Q > 1000$ KW, For construction pressures higher than 0.5 bars ; TS EN 12953 Two-pass, liquid- and gas-fuel, construction pressure as given in the approved Project, with the other specifications similar to the item 25.202.0000.		
25.202.4100	Liquid and gas-fueled hot water generator heating boilers made of steel with 3 ATM construction pressure: Other specifications shall be the same as the item 25.202.4000.		
25.202.4108	(350,000 kcal/h) 405 kW	157.398,56	14.898,56
25.202.4109	(400,000 kcal/h) 465 kW	189.036,64	17.661,64
25.202.4110	(500,000 kcal/h) 580 kW	211.767,60	21.392,60
25.202.4111	(600,000 kcal/h) 700 kW	215.561,35	21.936,35
25.202.4112	(700,000 kcal/h) 810 kW	251.123,56	25.123,56
25.202.4113	(800,000 kcal/h) 930 kW	277.810,78	28.310,78
25.202.4114	(1,000,000 kcal/h) 1,160 kW	392.048,56	29.548,56
25.202.4115	(1,250,000 kcal/h) 1,450 kW	464.604,81	35.604,81
25.202.4116	(1,500,000 kcal/h) 1,750 kW	569.223,28	44.848,28
25.202.4117	(2,000,000 kcal/h) 2,325 kW	698.398,28	48.523,28
25.202.4118	(2,500,000 kcal/h) 2,900 kW	803.167,03	57.167,03

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.202.4119	(3,000,000 kcal/h) 3,490 kW	888.310,78	65.060,78
25.202.4200	4 ATM construction pressure: Unit prices including installation and installation fees shall be 5% higher than the item 25.202.4100, and the rest of the specifications shall be the same as the item 25.202.4000.		
25.202.4300	5 ATM construction pressure: Unit prices including installation and installation fees shall be 10% higher than the item 25.202.4100, and the rest of the specifications shall be the same as the item 25.202.4000.		
25.202.4400	6 ATM construction pressure: Unit prices including installation and installation fees shall be 12% higher than the item 25.202.4100, and the rest of the specifications shall be the same as the item 25.202.4000.		
25.205.1000	STEAM OR SUPER HEATED WATER GENERATOR STEEL (WELDED) BOILERS: FLUID AND GAS-FUELED: Unit: Qty., measuring unit: (kcal/h) kW or kg steam/hour Three-pass boilers with tube bundles except for the cooker outlet, and with the thermodynamic and endurance values calculated in accordance with the required construction pressure as per such standards as TS 497 and TS EN 12953 and with the manufacturing projects approved by the administration, for which a "Manufacturing Inspection Certificate" shall be annexed to certify inspection as per the conditions of the Standard during the production, and the boiler shall undergo a capacity and thermal efficiency test as per the Standards TS-4040 and TS-4041, and the communiqué no. 93/80-81 published in the Official Gazette no. 21651 dated 28.July.1993. Capacity and thermal efficiency value found shall not be lower than the minimum values specified in the said communiqué and standards. The said results shall be documented and specified in the relevant projects. Manufacture, transportation to the work site, installation on the designated base, and delivery in working order of the boiler. Note: 1- Shall be manufactured in compliance with the Directive (2014/68/EU) Pressure Equipment and the Directive (2016/426/EU) Appliances Burning Gaseous Fuels, released with a CE compliance marking, and be in compliance with the "Regulation on Controlling the Air Pollution Caused by Heating" and the "Regulation on Controlling the Industrial Air Pollution." 2- Boiler Pipes shall be Welded or Weldless, normalized boiler pipes in EN 10216-2 or EN 10217-2 norms, manufactured with raw materials of P235GH/P265GH quality in compliance with the Directive (2014/68/EU) Pressure Equipment. 3- Unit prices for other capacities shall be interpolated.		
25.205.1100	Welded steel steam generator boilers with 3 ATM construction pressure: Liquid and Gas-fueled: Other specifications shall be the same as the item 25.205.1000.		
25.205.1101	150 Kg Vapor/hour	154.334,94	8.959,94
25.205.1102	300 Kg Vapor/hour	210.297,44	10.047,44
25.205.1103	400 Kg Vapor/hour	227.553,69	13.178,69
25.205.1104	500 Kg Vapor/hour	287.469,88	20.094,88
25.205.1105	650 Kg Vapor/hour	327.601,13	23.226,13
25.205.1106	800 Kg Vapor/hour	386.092,31	27.217,31
25.205.1107	1,000 Kg Vapor/hour	434.111,64	31.611,64
25.205.1108	1,250 Kg Vapor/hour	471.030,39	32.905,39
25.205.1109	1,500 Kg Vapor/hour	533.124,14	37.874,14
25.205.1110	2,000 Kg Vapor/hour	619.023,85	42.148,85
25.205.1111	2,500 Kg Vapor/hour	716.504,81	46.629,81
25.205.1112	3,000 Kg Vapor/hour	830.535,78	54.035,78
25.205.1113	4,000 Kg Vapor/hour	993.917,03	57.167,03
25.205.1114	5,000 Kg Vapor/hour	1.159.410,78	68.660,78
25.205.1200	4 ATM construction pressure: Unit prices including installation and installation fees shall be 5% higher than the item 25.205.1100, and the rest of the specifications shall be the same as the item 25.205.1000.		
25.205.1300	5 ATM construction pressure: Unit prices including installation and installation fees shall be 10% higher than the item 25.205.1100, and the rest of the specifications shall be the same as the item 25.205.1000.		
25.205.1400	Steam generator steel (welded) boilers with 6 ATM construction pressure: Liquid and gas-fueled		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	To be made in compliance with TS EN 12953, and project and production shall be inspected by an approved organization, and the other specifications shall be the same as the item 25.205.1000.		
25.205.1401	250 Kg Vapor/hour	284.788,63	14.038,63
25.205.1402	300 Kg Vapor/hour	302.692,31	15.442,31
25.205.1403	400 Kg Vapor/hour	337.942,31	16.192,31
25.205.1404	500 Kg Vapor/hour	400.705,39	18.205,39
25.205.1405	650 Kg Vapor/hour	464.192,60	25.067,60
25.205.1406	800 Kg Vapor/hour	525.361,35	26.361,35
25.205.1407	1,000 Kg Vapor/hour	535.905,10	26.905,10
25.205.1408	1,250 Kg Vapor/hour	626.173,56	28.798,56
25.205.1409	1,500 Kg Vapor/hour	703.973,56	32.473,56
25.205.1410	2,000 Kg Vapor/hour	846.698,56	39.823,56
25.205.1411	2,500 Kg Vapor/hour	1.025.273,28	48.523,28
25.205.1412	3,000 Kg Vapor/hour	1.194.042,03	57.167,03
25.205.1413	4,000 Kg Vapor/hour	1.474.354,53	66.354,53
25.205.1414	5,000 Kg Vapor/hour	1.680.860,78	69.485,78
25.205.1415	7,000 Kg Vapor/hour	2.248.978,95	75.728,95
25.205.1416	8,500 Kg Vapor/hour	2.643.110,20	78.860,20
25.205.1417	10,000 Kg Vapor/hour	2.900.991,45	81.991,45
25.205.1418	12,000 Kg Vapor/hour	3.385.947,13	87.822,13
25.205.1419	14,000 Kg Vapor/hour	3.791.197,13	89.322,13
25.205.1420	15,000 Kg Vapor/hour	4.264.565,30	94.065,30
25.205.1421	17,500 Kg Vapor/hour	4.747.196,55	97.196,55
25.205.1500	Steam generator boilers with 8 ATM construction pressure: Unit prices including installation and installation fees shall be 10% higher than the item 25.205.1400, and the rest of the specifications shall be the same as the item 25.205.1000.		
25.205.1600	Steam generator boilers with 10 ATM construction pressure: Unit prices including installation and installation fees shall be 20% higher than the item 25.205.1400, and the rest of the specifications shall be the same as the item 25.205.1000. For 12 ATM construction pressure, unit prices including installation and installation fees in the item 25.205.1400 shall be 30% higher. For 14 ATM construction pressure, unit prices including installation and installation fees in the item 25.205.1400 shall be 40% higher. Other specifications are the same as the Item 25.205.1000.		
25.205.2100	Super heated water generator steel (welded) boilers with 3 ATM construction pressure: Liquid and Gas fuel: Other specifications are the same as the Item 25.205.1000.		
25.205.2101	(150,000 kcal/h) 175 kW	98.207,38	11.657,38
25.205.2102	(200,000 kcal/h) 230 kW	121.886,06	13.061,06
25.205.2103	(300,000 kcal/h) 350 kW	159.604,81	13.604,81
25.205.2104	(400,000 kcal/h) 465 kW	193.074,14	15.824,14
25.205.2105	(500,000 kcal/h) 580 kW	242.517,60	21.392,60
25.205.2106	(600,000 kcal/h) 700 kW	262.436,35	22.686,35
25.205.2107	(700,000 kcal/h) 810 kW	285.230,10	23.230,10
25.205.2108	(800,000 kcal/h) 930 kW	306.248,56	25.123,56
25.205.2109	(1,000,000 kcal/h) 1,160 kW	375.629,81	28.254,81
25.205.2110	(1,250,000 kcal/h) 1,450 kW	460.811,06	34.311,06
25.205.2111	(1,500,000 kcal/h) 1,750 kW	556.923,28	41.923,28
25.205.2112	(2,000,000 kcal/h) 2,325 kW	702.398,28	48.523,28
25.205.2113	(2,500,000 kcal/h) 2,900 kW	782.391,45	54.016,45
25.205.2114	(3,000,000 kcal/h) 3,490 kW	869.603,95	57.353,95

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.205.2115	(4,000,000 kcal/h) 4,650 kW	1.120.059,63	63.184,63
25.205.2200	Superheated water generator boilers with 4 ATM construction pressure (TS EN 12953-1, TS EN 12953-3): Unit prices including installation and installation fees shall be 5% higher than the item 25.205.2100, and the rest of the specifications shall be the same as the item 25.205.1000.		
25.205.2300	Superheated water generator boilers with 5 ATM construction pressure (TS EN 12953-1, TS EN 12953-3): Unit prices including installation and installation fees shall be 10% higher than the item 25.205.2100, and the rest of the specifications shall be the same as the item 25.205.1000.		
25.205.2400	Super heated water generator steel (welded) boilers made with 6 ATM construction pressure: Liquid and Gas fuel: To be made in compliance with TS EN 12953, and project and production shall be inspected by an approved organization, and the other specifications shall be the same as the item 25.205.1000.		
25.205.2401	(150,000 kcal/h) 175 kW	121.251,13	14.038,63
25.205.2402	(200,000 kcal/h) 230 kW	160.192,31	15.442,31
25.205.2403	(300,000 kcal/h) 350 kW	192.692,31	16.192,31
25.205.2404	(400,000 kcal/h) 465 kW	234.330,39	18.205,39
25.205.2405	(500,000 kcal/h) 580 kW	286.192,60	25.067,60
25.205.2406	(600,000 kcal/h) 700 kW	300.236,35	26.361,35
25.205.2407	(700,000 kcal/h) 810 kW	346.655,10	26.905,10
25.205.2408	(800,000 kcal/h) 930 kW	356.298,56	28.798,56
25.205.2409	(1,000,000 kcal/h) 1,160 kW	473.973,56	32.473,56
25.205.2410	(1,250,000 kcal/h) 1,450 kW	558.073,56	39.823,56
25.205.2411	(1,500,000 kcal/h) 1,750 kW	630.023,28	48.523,28
25.205.2412	(2,000,000 kcal/h) 2,325 kW	676.167,03	57.167,03
25.205.2413	(2,500,000 kcal/h) 2,900 kW	835.010,20	65.510,20
25.205.2414	(3,000,000 kcal/h) 3,490 kW	954.547,70	65.922,70
25.205.2415	(4,000,000 kcal/h) 4,650 kW	1.476.184,63	74.059,63
25.205.2500	Superheated water generator boilers with 8 ATM construction pressure: Unit prices including installation and installation fees shall be 10% higher than the item 25.205.2400, and the rest of the specifications shall be the same as the item 25.205.1000.		
25.205.2600	Superheated water generator boilers with 10 ATM construction pressure: Unit prices including installation and installation fees shall be 20% higher than the item 25.205.2400, and the rest of the specifications shall be the same as the item 25.205.1000.		
25.205.2700	Superheated water generator boilers with 12 ATM construction pressure: Unit prices including installation and installation fees shall be 30% higher than the item 25.205.2400, and the rest of the specifications shall be the same as the item 25.205.1000.		
25.206.0000	Replacement of boiler pipes of radiators and steam generators (Unit: m) Detachment of the fume hood to remove defective smoke pipes without damaging the boiler plate; removal of pipes, installation of new boiler pipes of appropriate size and application of tube expanders; temporary closure of boiler connections to test tightness and pressure testing at 1.5 times the operating pressure; delivery of the boiler in working order including any material, labor and damages.		
25.206.1000	70% of the unit price including installation of black welded and steam boiler pipes of the item 25.300.1000 shall be paid as extra depending on the external measure of the replaced pipe, and no pipe installation material shall be charge.		
25.206.1500	Where there are replaced weldless black pipes (patent rolled steel pipes), 70% extra payment shall be added to the unit prices of the item 25.300.1500, and installation fee shall not be applied separately.		
25.207.1000	PRODUCTION OF GRILLES: (Unit: kg) Production and installation of cast iron grilles for the boilers as prescribed in the approved project.	88,38	46,88
25.208.1000	MECHANICAL STOKERS: (Unit: Qty.)		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.208.1100	Worm gear type: Supply and transportation to the work site and installation in its designated location, including any minor material and building a base of 250-kg/m ³ concrete on the floor, of a stoker sized to fit the boiler's capacity and deliver any kind of coal, which shall be equipped with a wide-pitch screw made of 5-mm hot-formed steel sheet or cast steel depending on the approved project, an external pipe made of min. 3-mm steel sheet or min. 8-mm pig cast steel with screw safety pins fitting the screw, pig-cast grate formed and sized to burn any kind of coal, min. 0.2-m ² chamber made of min. 2-mm steel sheet reinforced with 40x40x4-mm brackets, a coal size adjustment mechanism, hermetic motor, an original ventilation fan of appropriate size, and a setting mechanism that can deliver min. 3 levels of coal and air.		
25.208.1101	Burning coal up to 100 kg/h	179.834,94	11.209,94
25.208.1102	Burning coal up to 200 kg/h	271.856,81	11.856,81
25.208.1103	Burning coal up to 300 kg/h	424.650,56	13.150,56
25.208.1104	Burning coal up to 400 kg/h	511.444,31	14.444,31
25.208.1105	Burning coal up to 500 kg/h	592.928,69	17.678,69
25.208.1106	Burning coal up to 600 kg/h	615.750,56	23.500,56
25.208.1200	Coal burner with fully automated motion: Coal burner designed to be installed in the boiler furnace for semi-cylindrical boilers or in the pre-combustion chamber for cylindrical boilers, and equipped with a hydromechanical motion grate to ensure better burning by stirring the coal crushed in appropriate grain size by pushing it: supply, installation, and delivery in working order with a grate actuator assembly; a coal bunker reinforced with sheet metal profile sized sufficiently for lignite with max. 50-mm grain size for an hour, which can be easily detached and attached; a mechanism (coal pump) for periodically putting the coal in the bunker on the grate as required by the system; LPG (or fuel) equipment for automatic first ignition; an automatic control system to ensure continuous operation of this system for a defined period; primary air blower, an exhaust gas aspirator; ash carrying system, LPG (or fuel oil) ignition system coal pump; and a program adding system to ensure periodic operation of the hydraulic actuator within this system, which can be programmed as desired (The electrical installation, exhaust gas aspirator, primary and secondary air blowers, exhaust gas and smoke ducts, air ducts, multi-cyclonic ash discharge system, coal crushing and conveying mechanisms, and fresh air pre-heating system shall be charged separately per relevant unit prices).		
25.208.1201	Up to 200 kg/h	690.772,44	11.522,44
25.208.1202	Up to 300 kg/h	857.566,19	12.816,19
25.208.1203	Up to 400 kg/h	942.484,94	14.109,94
25.208.1204	Up to 500 kg/h	1.045.844,31	17.969,31
25.208.1205	Up to 600 kg/h Note: 15% extra charge shall apply if a pre-chamber compatible with the boiler is made for cylindrical boilers.	1.134.078,69	21.828,69
25.208.1300	Worm-gear screw with coal and slag crusher: Installation on a steel base, coating with red lead and oil paint, and installation in the designated location, including any material and labor, with a 1-m ³ coal storage made of 3-mm black sheet metal and reinforced with a 50x50x5-mm bracket, a coal pit, coal crusher run by an electric motor with necessary power below the coal storage, an approximately 0.5-m ³ coal pit, a 3.4-m ³ coal bunker made of 3-mm black sheet metal and reinforced with a 40x40x1-mm bracket, a coal level adjuster on the bunker, a coal spiral and drum made of special cast metal to take the crushed coal from the coal pit and convey it through the bunker to the grate with an electric motor with power required by the capacity of an operating boiler, with a large pitch, a safety pin against forcing, a heat-resistant cast steel screw barrel, a cast steel grate manufactured specifically for the type and quality of the coal and slightly slanted to the right or left, an electric variator adjusting the amount of coal, a combustion air blower suitable to the boiler and a valve adjusting the air flow rate.		
25.208.1301	For coal up to 100 kg/h	198.334,94	11.209,94
25.208.1302	For coal up to 200 kg/h	206.981,81	11.856,81
25.208.1303	For coal up to 300 kg/h	216.525,56	13.150,56
25.208.1304	For coal up to 400 kg/h	225.194,31	14.444,31
25.208.1305	For coal up to 500 kg/h	245.178,69	17.678,69

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.208.1306	For coal up to 600 kg/h	275.125,56	23.500,56
25.210.1100	SECTIONAL CAST HOME BOILER, DIESEL-FUELED: (Unit: Qty.) Thermodynamic and endurance calculations shall be conducted for the construction pressure required by the standards of TS 9876 EN 303-4, with the production projects approved by the administration, manufactured in compliance with the Directive (92/42/EEC) Hot-Water Boilers, and the capacity and thermal efficiency values found by capacity and thermal efficiency tests conducted as per the standards TS-4040 and TS 4041 as well as the communiqué no. 93/80-81 published in the Official Gazette no. 21651 dated 28.July.1993 shall not be lower than the minimum values specified in the said communiqué and Turkish standards, and boilers with lower efficiency shall not be used. The said results shall be documented and specified in the relevant projects. Manufacture, transportation to the work site, installation on a base and delivery in working order of a boiler with a coupled burner and a control panel with an operating thermostat, safety thermostat and thermometer. Unit prices for other capacities shall be interpolated.		
25.210.1101	14,000 kcal/h	23.875,00	2.925,00
25.210.1102	18,000 kcal/h	29.331,25	3.468,75
25.210.1103	24,000 kcal/h	37.837,50	4.012,50
25.210.1104	30,000 kcal/h	43.656,25	4.556,25
25.210.1105	40,000 kcal/h	50.087,50	5.100,00
25.212.1100	CONDENSING COMBI BOILER, NATURAL GAS AND LPG-FUELED: (Unit: Qty.) Supply to the work site, installation, and delivery in working order of a combi boiler of hermetically sealed type in compliance with the Directive 2016/426/EU on Appliances Burning Gaseous Fuels, the Regulation 92/42/CEE on the efficiency of water and the standards TS EN 677, TS EN 483, TS EN 625, and bearing a CE marking, with a premix-type (fully premixed) gas burner, a modulation fan, activating high and/or low temperature heating circuits by gas and air modulation settings, equipped with safety equipment compatible with the control system, can be connected to any of the flue types B23, C13, C33, C53 among the flue types compatible with the hermetically-sealed flue types, equipped with two separate heat exchangers, an electronic ignition mechanism, safety mechanisms that turn off gas supply in case of overheat, overpressure, flue blockage, water outage while operating, flame-out, for heating and utility water, flame modulation depending on different heating needs, individual temperature settings of heating and utility water, equipped with a circulation pump, an enclosed expansion tank, automatic air bleed valve and safety valve, for heating and utility water, which shall bear a nameplate that indicates the manufacturing date, heating capacity, fuel type and manufacturer, and an operating manual. Note: 1- The capacity for feed and return water temperatures of 50 °C/30 °C shall be taken as basis for the device capacity. 2- Unit prices for other capacities shall be interpolated.		
25.212.1101	Min. 20,000 kcal/h, Hermetically Sealed, Electronic	32.887,50	3.262,50
25.212.1102	Min. 24,000 kcal/h, Hermetically Sealed, Electronic	39.868,75	3.806,25
25.212.1103	Min. 28,000 kcal/h, Hermetically Sealed, Electronic	44.068,75	3.806,25
25.214.1000	WALL-MOUNTED, GAS-FUELED CONDENSING BOILERS, NATURAL GAS AND/OR LPG-FUELED: (Unit: Qty.) Supply, installation, and delivery in working order of a wall-mounted boiler manufactured in compliance with the Directive (2016/426/EU) Appliances Burning Gaseous Fuels and bearing a CE marking, equipped to comply with the standards TS EN 656/A1, TS EN 15502-2-2, and TS EN 15502-2-1+A1 equipped with a premix-type gas burner with the parts of the exchanger suitable to cascaded connections exposed to condensation made of corrosion-resistant material, a modulation fan, safety equipment compatible with the control system, a condensation water drain connection, with an external neutralizer installed for the systems with a total system power higher than 200 kW, which is capable of controlling the high and/or low temperature heating circuits and boiler circuit, controllable by an electronic board, adjust gas and air by modulation, suitable for connection to any of the hermetically-sealed flue configurations B23, B23p, B33, C13, C33, C43, C53 or C83, and which is capable of controlling the external air, internal air, boiler temperature, weekly programming, etc. where necessary, by means of external or internal control units, including pump set suitable for internal or external capacity. Note: 1- The capacity for feed and return water temperatures of 50 °C/30 °C shall be taken as basis for the device capacity. 2- Hermetically-sealed flue set is not included in the price.		
25.214.1001	20 kW to 29.9 kW	61.209,38	2.484,38
25.214.1002	30 kW to 39.9 kW	64.728,13	3.440,63
25.214.1003	40 kW to 49.9 kW	68.159,38	3.984,38

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.214.1004	50 kW to 59.9 kW	79.390,63	4.528,13
25.214.1005	60 kW to 69.9 kW	87.178,13	4.903,13
25.214.1006	70 kW to 79.9 kW	98.018,75	5.381,25
25.214.1007	80 kW to 89.9 kW	101.543,75	5.756,25
25.214.1008	90 kW to 99.9 kW	106.806,25	6.131,25
25.214.1009	100 kW to 114.9 kW	112.265,63	6.403,13
25.214.1010	115 kW to 129.9 kW	124.496,88	6.984,38
25.214.1011	130 kW to 150 kW	138.859,38	7.734,38
25.214.5000	FLOOR-TYPE GAS OR LIQUID FUELED CONDENSING BOILERS WITHOUT INTEGRATED BURNER: (Unit: Qty.) An external neutralizer shall be added to the systems manufactured as per the standards TS EN 303-1, TS EN 303-3 and TS EN 15502-2-2 for the capacities below 1000 kW as well as the Directive 2016/426/EU on Appliances Burning Gaseous Fuels, and released with CE compliance marking, equipped with the required equipment, with the parts suitable to cascaded connections, with the parts exposed to condensation made of sufficiently corrosion-resistant material, capable of controlling the high and/or low temperature heating circuits and boiler circuit, controllable by an electronic board, performs burning by means of an external modulating burner, equipped with a safety equipment compatible with the control system, which allows connection to any of the flue configurations B23, B23p, B33, and equipped with a condensation water drainage connection, and with an overall system power greater than 200 kW. With the condensation fluid neutralized by a neutralization unit and drained to the sewerage network, which shall be capable of controlling the external air, internal air and boiler temperature, weekly operating schedule, etc. by means of internal or external control units; supply to the work site, installation and delivery in working order of floor type boilers. Note: 1- The capacity for feed and return water temperatures of 50 °C/30 °C shall be taken as basis for the device capacity. .		
25.214.5001	150 kW to 189 kW	188.495,60	10.245,60
25.214.5002	190 kW to 224 kW	197.598,73	10.723,73
25.214.5003	225 kW to 274 kW	225.983,21	12.733,21
25.214.5004	275 kW to 324 kW	261.651,96	14.026,96
25.214.5005	325 kW to 399 kW	267.070,71	14.570,71
25.214.5006	400 kW to 474 kW	353.569,20	16.569,20
25.214.5007	475 kW to 549 kW	407.862,95	17.112,95
25.214.5008	550 kW to 624 kW	423.950,45	18.200,45
25.214.5009	625 kW to 699 kW	486.362,95	20.112,95
25.214.5010	700 kW to 799 kW	530.072,44	22.197,44
25.214.5011	800 kW to 899 kW	679.703,69	23.828,69
25.214.5012	900 kW to 1000 kW	690.159,94	24.784,94
25.214.6000	FLOOR-TYPE, GAS-FUELED CONDENSING BOILERS WITH PREMIX BURNER, NATURAL GAS AND/OR LPG-FUELED: (Unit: Qty.) Manufactured as per the Directive 2016/426/EU on Appliances Burning Gaseous Fuels, released with a CE marking, equipped with the equipment complying with the standards TS EN 656 (for type b boilers with a nominal thermal load of 70 kW to 300 kW), TS EN 15502-2-1+A1 and TS EN 15502-2-2 (for type B1 flues), with the parts of the exchanger suitable to cascaded connections exposed to condensation made of corrosion-resistant material, with a premix-type (fully premixed) gas burner, a modulating fan, and a condensation water drainage outlet, which controls high and/or low temperature heating circuits and the boiler circuit, controlled by an electronic board, performs combustion by modulating the gas and air settings, equipped with safety systems compatible with the control system, and allows connection to any of the flue types B23, B23p, B33, C13, C33, C43, C53, C83 compatible with the hermetically-sealed flue structure. An external neutralizer shall be added for the systems with a power rating higher than 200 kW. With the condensation fluid neutralized by a neutralization unit and drained to the sewerage network, which shall be capable of controlling the external air, internal air and boiler temperature, weekly operating schedule, etc. by means of internal or external control units; supply to the work site, installation and delivery in working order of floor type boilers. Note: The capacity for feed and return water temperatures of 50 °C/30 °C shall be taken as basis for the device capacity.		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.214.6001	125 kW to 149 kW	213.359,38	7.734,38
25.214.6002	150 kW to 189 kW	262.495,60	10.245,60
25.214.6003	190 kW to 224 kW	296.848,73	10.723,73
25.214.6004	225 kW to 284 kW	324.733,21	12.733,21
25.214.6005	285 kW to 324 kW	377.026,96	14.026,96
25.214.6006	325 kW to 399 kW	505.820,71	14.570,71
25.214.6007	400 kW to 474 kW	527.694,20	16.569,20
25.214.6008	475 kW to 549 kW	559.362,95	17.112,95
25.214.6009	550 kW to 624 kW	661.325,45	18.200,45
25.214.6010	625 kW to 699 kW	695.487,95	20.112,95
25.214.6011	700 kW to 799 kW	738.197,44	22.197,44
25.214.6012	800 kW to 899 kW	875.578,69	23.828,69
25.214.6013	900 kW to 999 kW	1.026.784,94	24.784,94
25.214.6014	1000 kW to 1149 kW	1.065.534,94	24.784,94
25.214.6015	1150 kW to 1300 kW	1.228.903,69	25.403,69
25.218.1000	Neutralization Unit Supply and installation of a unit with CE marking, which is made up of neutralization granules that neutralizes and renders environmentally harmless the condensate acid released by condensation of flue gases in condensing devices.		
25.218.1101	Up to 350 kW	2.344,38	163,13
25.218.1102	Up to 500 kW	2.893,13	163,13
25.218.1103	Up to 750 kW	4.464,38	303,13
25.218.1104	Up to 1,000 kW	5.001,88	303,13
25.218.1105	Up to 1,500 kW	5.230,63	303,13
25.218.1106	Up to 2,000 kW	6.441,25	435,00
25.218.1107	Up to 2,500 kW	8.181,25	435,00
25.218.1108	Up to 3,000 kW	9.393,75	435,00
25.220.1000	HEAT EXCHANGERS (TS EN 13445, TS 1996): (Unit: Qty.)		
25.220.1100	PN 10 serpentine copper pipe: Supply to the work site and installation in the designated locations of the pipes for heating water with steam or superheated water, which shall be selected by approving the project design containing the endurance and thermodynamic calculations or technical datasheet, manufactured in compliance with the Directive (2014/68/EU) Pressure Equipment, released with a CE marking, with counter-current; Fe 37 body; copper pipe manufactured per TS EN 12451; coils with min. 1-mm wall thickness; a tube sheet fixed between two ring flanges by a bolt and a seal to facilitate detachment of the coil, flanged nozzles for input and output of steam or superheated water and hot water; control and safety equipment and connection nozzles for fill and discharge taps, and one or two feet of appropriate structure and in required height, including installation on a concrete base by appropriate studs and insulation of its exterior by rock wool mat (chlorine content < 10 ppm) with 90 kg/m ³ density, sewn on 5-cm-thick rabbit wires, and jacketing the insulation material with min. 0.5-mm-thick galvanized sheet metal and coating of the non-galvanized surfaces with two layers of flame-retardant paint. (The external diameter shall be taken as basis for calculating the heating area.)		
25.220.1101	1 m ² serpentine area	58.172,44	4.534,94
25.220.1102	2 m ² serpentine area	70.772,44	5.284,94
25.220.1103	3 m ² serpentine area	86.822,44	5.284,94
25.220.1104	4 m ² serpentine area	115.584,94	5.284,94
25.220.1105	5 m ² serpentine area	126.378,69	5.828,69
25.220.1106	6 m ² serpentine area	138.078,69	5.828,69
25.220.1107	8 m ² serpentine area	159.828,69	5.828,69
25.220.1108	10 m ² serpentine area	186.497,44	6.372,44
25.220.1109	12.5 m ² serpentine area	218.497,44	6.372,44

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.220.1110	15 m ² serpentine area	244.622,44	7.122,44
25.220.1111	17.5 m ² serpentine area	291.541,19	7.666,19
25.220.1112	20 m ² serpentine area	320.666,19	7.666,19
25.220.1113	25 m ² serpentine area	376.959,94	8.959,94
25.220.1114	30 m ² serpentine area	397.628,69	9.503,69
25.220.1115	35 m ² serpentine area	477.797,44	10.047,44
25.220.1116	40 m ² serpentine area	579.201,13	12.201,13
25.220.1117	45 m ² serpentine area	655.869,88	12.744,88
25.220.1118	50 m ² serpentine area	712.994,88	13.494,88
25.220.1119	60 m ² serpentine area	823.582,38	15.332,38
25.220.1120	70 m ² serpentine area	939.294,88	17.169,88
25.220.1121	80 m ² serpentine area	1.049.257,38	18.257,38
25.220.1122	90 m ² serpentine area	1.163.969,88	20.094,88
25.220.1123	100 m ² serpentine area	1.280.388,63	21.388,63
25.220.1124	110 m ² serpentine area	1.387.976,13	23.226,13
25.220.1125	120 m ² serpentine area	1.496.438,63	25.063,63
25.220.1126	130 m ² serpentine area	1.615.982,38	26.357,38
25.220.1200	With PN 16 serpentine copper pipe coil (Copper pipe thickness: min. 1.5 mm): Unit price in installed form shall be 35% higher than the item 25.220.1100 with the installation fees and other specifications remaining unchanged.		
25.220.1300	PN 10 serpentine steel pipe: Supply and installation of an exchanger at the work site with the same specifications as the item 25.220.1100 except for min. 15-mm welded black pipes as per TS-301/2.		
25.220.1301	1 m ² serpentine area	57.959,94	4.534,94
25.220.1302	2 m ² serpentine area	69.759,94	5.284,94
25.220.1303	3 m ² serpentine area	73.684,94	5.284,94
25.220.1304	4 m ² serpentine area	98.759,94	5.284,94
25.220.1305	5 m ² serpentine area	103.078,69	5.828,69
25.220.1306	6 m ² serpentine area	114.603,69	5.828,69
25.220.1307	8 m ² serpentine area	131.828,69	5.828,69
25.220.1308	10 m ² serpentine area	150.622,44	6.372,44
25.220.1309	12.5 m ² serpentine area	200.372,44	6.372,44
25.220.1310	15 m ² serpentine area	207.622,44	7.122,44
25.220.1311	17.5 m ² serpentine area	247.916,19	7.666,19
25.220.1312	20 m ² serpentine area	292.166,19	7.666,19
25.220.1313	25 m ² serpentine area	304.459,94	8.959,94
25.220.1314	30 m ² serpentine area	319.253,69	9.503,69
25.220.1315	35 m ² serpentine area	380.297,44	10.047,44
25.220.1316	40 m ² serpentine area	459.451,13	12.201,13
25.220.1317	45 m ² serpentine area	522.494,88	12.744,88
25.220.1318	50 m ² serpentine area	578.994,88	13.494,88
25.220.1319	60 m ² serpentine area	671.957,38	15.332,38
25.220.1320	70 m ² serpentine area	752.044,88	17.169,88
25.220.1321	80 m ² serpentine area	851.132,38	18.257,38
25.220.1322	90 m ² serpentine area	1.010.594,88	20.094,88
25.220.1323	100 m ² serpentine area	1.150.888,63	21.388,63
25.220.1324	110 m ² serpentine area	1.205.476,13	23.226,13
25.220.1325	120 m ² serpentine area	1.292.188,63	25.063,63

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.220.1326	130 m ² serpentine area	1.426.232,38	26.357,38
25.220.1400	PN 16 serpentine steel pipe: Unit prices including installation and installation charges shall be 20%, or if weldless pipes are used, 40%, higher than the item 25.220.1300 with the rest of the specifications remaining the same.		
25.220.1500	PN 25 quality with weldless drawn pipes of min. F 37.2 materials: Unit Prices Including Installation and Installation Fees shall be 80% higher than the item 25.220.1300, and the rest of the specifications shall remain unchanged.		
25.220.2000	PLATE HEAT EXCHANGERS (Unit: Qty.) Galvanized St. 37-2 plate heat exchangers with 10-bar operating pressure and enclosing easily detachable, sealed plates, with the surfaces of heat transfer plates designed to force the fluid to a high-turbulence flow so that a fast and highly efficient heat transfer occurs between the two fluids; equipped with housing and fittings compatible with the pressure; with 0.5-mm -thick plates made of stainless material meeting the AISI 316 quality requirements; seals made of NBR or EPDM that offer sealing and compatibility with the operating conditions; detachable seals inserted in the holes made on the plates or snapped on the plates, which do not require further adhesion; front and rear pressure plates of St. 37- 2 steel and coated with epoxy paint; tension studs of class 8.8 quality. Heat exchangers shall be chosen as per the values specified in the approved project, and the exchangers shall be installed to their designated locations once reports containing the data of the selected values are approved by the administration.		
25.220.2100	Plate exchanger for hot utility water . Supply and installation of plate heat exchangers with primary circuit inlet temperature of 90-70 °C and secondary circuit inlet temperature of 10-60 °C .		
25.220.2101	Capacity 20,000 kcal/h, primary circuit max. pressure loss: 0.5 mWC	12.928,75	1.293,75
25.220.2102	Capacity 50,000 kcal/h, primary circuit max. pressure loss: 1.0 mWC	14.815,00	1.402,50
25.220.2103	Capacity 75,000 kcal/h, primary circuit max. pressure loss: 1.5 mWC	15.523,75	1.511,25
25.220.2104	Capacity 100,000 kcal/h, primary circuit max. pressure loss: 2.0 mWC	18.778,13	1.565,63
25.220.2105	Capacity 200,000 kcal/h, primary circuit max. pressure loss: 3.0 mWC	21.728,75	1.728,75
25.220.2106	Capacity 300,000 kcal/h, primary circuit max. pressure loss: 3.0 mWC	35.900,00	1.837,50
25.220.2107	Capacity 400,000 kcal/h, primary circuit max. pressure loss: 3.0 mWC	38.990,63	2.315,63
25.220.2108	Capacity 500,000 kcal/h, primary circuit max. pressure loss: 3.0 mWC	41.475,00	2.587,50
25.220.2109	Capacity 600,000 kcal/h, primary circuit max. pressure loss: 3.0 mWC	46.733,75	2.696,25
25.220.2110	Capacity 700,000 kcal/h, primary circuit max. pressure loss: 4.0 mWC	49.671,88	2.859,38
25.220.2111	Capacity 800,000 kcal/h, primary circuit max. pressure loss: 4.0 mWC	55.710,00	3.022,50
25.220.2112	Capacity 900,000 kcal/h, primary circuit max. pressure loss: 4.0 mWC	60.739,38	3.076,88
25.220.2113	Capacity 1,000,000 kcal/h, primary circuit max. pressure loss: 4 mWC	73.318,75	3.131,25
25.220.2200	Plate Exchanger for the Heating Line Supply and installation of plate heat exchangers with primary circuit inlet temperature of 90-70 °C and secondary circuit inlet temperature of 60-80 °C .		
25.220.2201	Capacity: 20.000 kcal/h, Primary Circuit loss Max. 0.5 mWC	14.768,75	1.293,75
25.220.2202	Capacity: 50.000 kcal/h, Primary Circuit loss Max. 1 mWC	18.452,50	1.402,50
25.220.2203	Capacity: 75.000 kcal/h, Primary Circuit loss Max. 1.5 mWC	21.411,25	1.511,25
25.220.2204	Capacity: 100,000 kcal/h, Primary Circuit loss Max. 2 mWC	24.515,63	1.565,63
25.220.2205	Capacity: 200.000 kcal/h, Primary Circuit loss Max. 3 mWC	35.616,25	1.728,75
25.220.2206	Capacity: 300.000 kcal/h, Primary Circuit loss Max. 3 mWC	44.450,00	1.837,50
25.220.2207	Capacity: 400.000 kcal/h, Primary Circuit loss Max. 3 mWC	51.503,13	2.315,63
25.220.2208	Capacity: 500.000 kcal/h, Primary Circuit loss Max. 3 mWC	61.050,00	2.587,50
25.220.2209	Capacity: 600.000 kcal/h, Primary Circuit loss Max. 3 mWC	64.021,25	2.696,25
25.220.2210	Capacity: 700000 kcal/h, Primary Circuit loss Max. 4 mWC	67.659,38	2.859,38
25.220.2211	Capacity: 800000 kcal/h, Primary Circuit loss Max. 4 mWC	77.322,50	3.022,50

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.220.2212	Capacity: 900000 kcal/h, Primary Circuit loss Max. 4 mWC	86.176,88	3.076,88
25.220.2213	Capacity: 1000000 kcal/h, Primary Circuit loss Max. 4 mWC	100.543,75	3.131,25
25.225.1000	HEATERS (Radiators): (Unit: m²) All heaters (radiators) shall be manufactured to comply with the Regulation (EU) No.305/2011 Construction Products - CPR and released with a CE compliance marking. The heaters shall be installed and secured as per TS-1499.		
25.225.1001	A series sectional cast iron radiators with plain surface: The wet heating surfaces of the radiators manufactured in compliance with the TS EN 442-1 and ISO 185 and released with a CE marking of compliance shall have a wall thickness of min. 2.5 mm. Supply to the work site, and grouping and installation as prescribed in the project design of cast iron radiators composed of primer-coated sections or groups of sections and installed on feet or consoles. (Seals, nipple plugs and reducers to be used for grouping the sections are included in the price. No additional charges shall apply). NOTE: 1- Acceptable tolerances shall be ± 0.3 mm for the distance between axes, and ± 2 mm for the full length and width. 2- They shall be tested and fixed to comply with the thermal power values of 75 °C - 65 °C (DT= 50°K). 3- Cast iron radiators shall be tested for tightness at min. 10 bars in their marketed form (in groups or sections).		
25.225.1100	B series sectional cast iron radiators with plain surface: (TS EN 442-1) Other specifications are the same as the Item 25.225.1001.		
25.225.1101	70/900 mm	3.324,38	646,88
25.225.1102	160/900 mm	3.181,88	646,88
25.225.1103	110/500 mm	3.601,88	646,88
25.225.1104	160/500 mm	3.054,38	646,88
25.225.1105	220/500 mm	3.139,38	646,88
25.225.1106	160/350 mm	3.291,88	646,88
25.225.1107	70/500 mm	3.266,88	646,88
25.225.1200	Sectional cast iron column radiators: (TS EN 442-1) Other specifications are the same as the Item 25.225.1001.		
25.225.1201	144/800 mm	3.401,88	646,88
25.225.1202	221/800 mm	3.328,13	646,88
25.225.1203	144/650 mm	3.353,13	646,88
25.225.1204	221/650 mm	2.479,38	646,88
25.225.1205	144/500 mm	3.489,38	646,88
25.225.1206	221/500 mm	3.441,88	646,88
25.225.1207	144/350 mm	3.621,88	646,88
25.225.1208	221/350 mm	3.458,13	646,88
25.225.1209	144/600 mm	3.264,38	646,88
25.225.1300	Sectional cast iron radiators with flat surface appearance: (TS EN 442) In following dimensions, forming a flat appearance when grouped. Other specifications are the same as the Item 25.225.1001.		
25.225.1301	99/813 mm	2.445,63	646,88
25.225.1302	134/813 mm	2.164,38	646,88
25.225.1303	99/623 mm	2.520,63	646,88
25.225.1304	134/623 mm	2.498,13	646,88
25.225.1305	99/500 mm	2.596,88	646,88
25.225.1306	134/500 mm	2.581,88	646,88
25.225.1307	170/623 mm	2.033,13	646,88
25.225.1308	170/813 mm	2.018,13	646,88
25.225.1500	RADIATOR BRACKETS: (Unit: Qty.).		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.225.1501	Radiator wall console: (TS 1107). Installation of a console made of 25 x 25 x 2-mm T-iron with the end penetrating into the wall pronged and the other end bearing the radiator, and coating with a layer of red lead and two layers of oil paint after installation. Factory-made consoles shall be used with the factory recommendations being followed for aluminum radiators.	75,38	31,25
25.225.1502	Radiator pedestal console: (TS 1107). Installation and coating with 1 layer of red lead and 2 layers of oil paint of a console made by giving a 25 x 25 x 2.5-mm T-iron a crescent shape and welding it on a 15-mm pronged pipe.	75,38	31,25
25.225.1503	Radiator clamps. (As per TS 1107). Supply to the work site and installation of radiator clamps of appropriate size and quality, which can be tightened by a slot countersunk screw, with the part penetrating into the wall pronged. One coat of red lead and a coat of oil paint after installation.	54,75	31,25
25.225.2000	Aluminum panel radiators: (Unit: m²). (in compliance with TS EN 442) Supply as packaged, and installation, including any fittings (consoles, screws, dowel pins, purge valves, blind plugs, and where necessary, console cushion), of the radiators manufactured as a single piece or multiple pieces by pressing under high pressure or welding of aluminum extrusion profiles in compliance with TS EN 573-1/2/3/4 and TS EN 755 to each other after a special thermal treatment and hardening process, with a wall thickness of min. 1.1 mm for wet surfaces and 0.8 mm for convection surfaces, resistance to an operating pressure of 9 bars, thermal powers determined by being tested per TS EN 442, electrostatic coating with anodized and polyester powder paint per TS 4922, which shall be factory-grouped in a single piece. Section width: 40 mm, radiator thickness: 60 to 70 mm		
25.225.2101	300 mm	2.680,63	496,88
25.225.2102	375 mm	2.496,88	496,88
25.225.2103	450 mm	2.399,38	496,88
25.225.2104	525 mm	2.325,63	496,88
25.225.2105	600 mm	2.259,38	496,88
25.225.2106	750 mm	2.144,38	496,88
25.225.2107	825 mm	2.125,63	496,88
25.225.2108	900 mm	2.089,38	496,88
25.225.2109	1.000 mm	2.050,63	496,88
25.225.2110	1.250 mm	1.993,13	496,88
25.225.2200	Section width: 80 mm, radiator thickness: 30 to 40 mm		
25.225.2201	300 mm	2.605,63	496,88
25.225.2202	375 mm	2.395,63	496,88
25.225.2203	450 mm	2.276,88	496,88
25.225.2204	525 mm	2.224,38	496,88
25.225.2205	600 mm	2.140,63	496,88
25.225.2206	750 mm	1.931,88	496,88
25.225.2207	825 mm	1.989,38	496,88
25.225.2208	900 mm	1.989,38	496,88
25.225.2209	1.000 mm	1.989,38	496,88
25.225.2210	1.250 mm	1.943,13	496,88
25.225.2211	1.500 mm	1.943,13	496,88
25.225.2212	1.750 mm	1.943,13	496,88
25.225.2213	2.000 mm	1.943,13	496,88
25.225.2214	2.250 mm	1.943,13	496,88
25.225.2300	Section width: 80 mm, radiator thickness: 60 to 70 mm		
25.225.2301	300 mm	2.491,88	496,88
25.225.2302	375 mm	2.383,13	496,88
25.225.2303	450 mm	2.280,63	496,88

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.225.2304	525 mm	2.146,88	496,88
25.225.2305	600 mm	2.069,38	496,88
25.225.2306	750 mm	1.993,13	496,88
25.225.2307	825 mm	1.984,38	496,88
25.225.2308	900 mm	1.984,38	496,88
25.225.2309	1.000 mm	1.984,38	496,88
25.225.2310	1.250 mm	1.911,88	496,88
25.225.2400	Section width: 80 mm, radiator thickness: 100 to 110 mm		
25.225.2401	300 mm	2.299,38	496,88
25.225.2402	375 mm	2.165,63	496,88
25.225.2403	450 mm	2.059,38	496,88
25.225.2404	525 mm	2.021,88	496,88
25.225.2405	600 mm	1.964,38	496,88
25.225.2406	750 mm	1.893,13	496,88
25.225.2407	825 mm	1.883,13	496,88
25.225.2408	900 mm	1.856,88	496,88
25.225.2409	1.000 mm	1.831,88	496,88
25.225.2410	1.250 mm	1.805,63	496,88
25.225.2411	1.500 mm	1.851,88	496,88
25.225.2412	1.750 mm	1.851,88	496,88
25.225.2413	2.000 mm	1.843,13	496,88
25.225.2414	2.250 mm	1.843,13	496,88
25.225.3000	PANEL RADIATORS: (Unit: m) Supply to the work site as packaged and installation, including fittings, of radiators coated with primer over zinc or iron phosphate and electrostatic powder finish, with TS EN 442-1-compliant structure, heating power proven by a test report of an approved organization, wet surfaces made of cold-rolled sheet metal of Fe P01 quality and minimum 1.11 mm thickness as per TS EN 10130, which shall be tested under minimum 1.3 times its maximum operating pressure (min. 520 kPa) as per TS 442/1, and tested to TS EN 442/2 to determine its thermal power. (Type XY where X is the number of panels and Y is the number of convectors.)		
25.225.3001	(Type 10) 300	1.346,88	388,13
25.225.3002	(Type 10) 400	1.414,38	388,13
25.225.3003	(Type 10) 500	1.575,63	388,13
25.225.3004	(Type 10) 600	1.766,88	388,13
25.225.3005	(Type 10) 750	1.976,88	388,13
25.225.3006	(Type 10) 800	2.163,13	388,13
25.225.3007	(Type 10) 900	2.266,88	388,13
25.225.3008	(Type 11) 300	1.470,63	388,13
25.225.3009	(Type 11) 400	1.586,88	388,13
25.225.3010	(Type 11) 500	1.749,38	388,13
25.225.3011	(Type 11) 600	2.021,88	388,13
25.225.3012	(Type 11) 750	2.269,38	388,13
25.225.3013	(Type 11) 800	2.585,63	388,13
25.225.3014	(Type 11) 900	2.605,63	388,13
25.225.3015	(Type 21) 300	1.929,38	388,13
25.225.3016	(Type 21) 400	2.148,13	388,13
25.225.3017	(Type 21) 500	2.390,63	388,13
25.225.3018	(Type 21) 600	2.690,63	388,13

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.225.3019	(Type 21) 750	3.049,38	388,13
25.225.3020	(Type 21) 800	3.205,63	388,13
25.225.3021	(Type 21) 900	3.640,63	388,13
25.225.3022	(Type 22) 300	2.180,63	388,13
25.225.3023	(Type 22) 400	2.506,88	388,13
25.225.3024	(Type 22) 500	2.956,88	388,13
25.225.3025	(Type 22) 600	3.236,88	388,13
25.225.3026	(Type 22) 750	3.761,88	388,13
25.225.3027	(Type 22) 800	4.345,63	388,13
25.225.3028	(Type 22) 900	4.415,63	388,13
25.225.3029	(Type 33) 300	2.746,88	388,13
25.225.3030	(Type 33) 400	3.281,88	388,13
25.225.3031	(Type 33) 500	3.781,88	388,13
25.225.3032	(Type 33) 600	4.126,88	388,13
25.225.3033	(Type 33) 750	4.843,13	388,13
25.225.3034	(Type 33) 800	5.456,88	388,13
25.225.3035	(Type 33) 900	5.904,38	388,13
25.225.4000	Bathroom-type Aluminum Towel Heater Rails: (Unit: Qty.) Plain-coated, oval bathroom towel heater rails with structure tested under min. 1.3 times the maximum operating pressure as per TS 442-1. Note: If it is made of coated DKP sheet metal, unit prices including installation shall be reduced by 50% with the installation fees remaining unchanged. Axle distance (mm) Height (mm)		
25.225.4001	400-500 500	1.957,50	333,75
25.225.4002	400-500 600	2.273,75	333,75
25.225.4003	400-500 700	2.436,25	333,75
25.225.4004	400-500 800	2.743,75	333,75
25.225.4005	400-500 900	2.972,50	333,75
25.225.4006	400-500 1000	3.206,25	333,75
25.225.4007	400-500 1100	3.242,50	333,75
25.225.4008	400-500 1250	3.343,75	333,75
25.225.4009	400-500 1500	4.706,25	333,75
25.225.4010	400-500 1750	5.117,50	333,75
25.225.4011	500-600 500	2.550,00	333,75
25.225.4012	500-600 600	2.897,50	333,75
25.225.4013	500-600 700	3.051,25	333,75
25.225.4014	500-600 800	3.366,25	333,75
25.225.4015	500-600 900	3.811,25	333,75
25.225.4016	500-600 1000	4.162,50	333,75
25.225.4017	500-600 1100	4.552,50	333,75
25.225.4018	500-600 1250	4.723,75	333,75
25.225.4019	500-600 1500	5.670,00	333,75
25.225.4020	500-600 1750	6.183,75	333,75
25.225.4021	600-700 500	2.766,25	333,75
25.225.4022	600-700 600	3.182,50	333,75
25.225.4023	600-700 700	3.213,75	333,75
25.225.4024	600-700 800	3.407,50	333,75
25.225.4025	600-700 900	4.288,75	333,75

Item No	Job Type		UP+Instal.	Instal. Cost (TRY)
25.225.4026	600-700	1000	4.371,25	333,75
25.225.4027	600-700	1100	4.781,25	333,75
25.225.4028	600-700	1250	4.915,00	333,75
25.225.4029	600-700	1500	5.858,75	333,75
25.225.4030	600-700	1750	6.535,00	333,75
25.225.6000	Bathroom-type Steel Towel Heater Rails: (Unit: Qty.)			
	Delivery of bathroom towel heater rails with flat or curved shapes, manufactured in accordance with the TS 442-1 standard, tested at a pressure of at least 1.3 times the maximum working pressure, with the assembly elements in working order			
25.225.6100	White-pained towel heater rails			
	Axle distance (mm)	Height (mm)		
25.225.6101	400	700	1.568,75	333,75
25.225.6102	400	800	1.780,00	333,75
25.225.6103	400	900	1.923,75	333,75
25.225.6104	400	1000	2.062,50	333,75
25.225.6105	400	1250	2.235,00	333,75
25.225.6106	500	700	1.691,25	333,75
25.225.6107	500	800	1.852,50	333,75
25.225.6108	500	900	2.003,75	333,75
25.225.6109	500	1000	2.235,00	333,75
25.225.6110	500	1250	2.423,75	333,75
25.225.6111	600	700	1.788,75	333,75
25.225.6112	600	800	1.988,75	333,75
25.225.6113	600	900	2.153,75	333,75
25.225.6114	600	1000	2.407,50	333,75
25.225.6115	600	1250	2.613,75	333,75
25.225.6116	700	700	1.936,25	333,75
25.225.6117	700	800	2.153,75	333,75
25.225.6118	700	900	2.335,00	333,75
25.225.6119	700	1000	2.613,75	333,75
25.225.6120	700	1250	2.842,50	333,75
25.225.6200	Chrome-Plated Tower Heater Rails			
	Axle distance (mm)	Height (mm)		
25.225.6201	400	700	2.185,00	333,75
25.225.6202	400	800	2.455,00	333,75
25.225.6203	400	900	2.670,00	333,75
25.225.6204	400	1000	3.023,75	333,75
25.225.6205	400	1250	3.292,50	333,75
25.225.6206	500	700	2.407,50	333,75
25.225.6207	500	800	2.693,75	333,75
25.225.6208	500	900	2.940,00	333,75
25.225.6209	500	1000	3.368,75	333,75
25.225.6210	500	1250	3.671,25	333,75
25.225.6211	600	700	2.627,50	333,75
25.225.6212	600	800	2.948,75	333,75
25.225.6213	600	900	3.211,25	333,75
25.225.6214	600	1000	3.713,75	333,75
25.225.6215	600	1250	4.051,25	333,75

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.225.6216	700 700	2.858,75	333,75
25.225.6217	700 800	3.211,25	333,75
25.225.6218	700 900	3.497,50	333,75
25.225.6219	700 1000	4.051,25	333,75
25.225.6220	700 1250	4.421,25	333,75
25.230.1000	RADIATOR VALVE: (Unit: Qty.). Supply to the work site and installation of radiator valves and connection bushes (with connection bushes for thermostat heads and adapters for those with a thermostat) in compliance with TS EN 215 or TS 579.		
25.230.1100	Straight radiator valve: (TS 579).		
25.230.1101	15 Ø mm. (1/2")	352,19	135,94
25.230.1102	20 Ø mm. (3/4")	474,69	135,94
25.230.1200	Corner-type radiator valve: (TS 579).		
25.230.1201	15 Ø mm. (1/2")	314,69	135,94
25.230.1202	20 Ø mm. (3/4")	427,19	135,94
25.230.1300	Straight thermostatic radiator valves: (TS EN 215)		
25.230.1301	15 Ø mm. (1/2")	579,69	135,94
25.230.1400	Corner-type thermostatic radiator valves: (TS EN 215)		
25.230.1401	15 Ø mm. (1/2")	565,94	135,94
25.230.1500	Straight radiator return valve: (TS 579)		
25.230.1501	15 Ø mm. (1/2")	285,94	135,94
25.230.1502	20 Ø mm. (3/4")	367,19	135,94
25.230.1600	Corner-type radiator return valve: (TS 579)		
25.230.1601	15 Ø mm. (1/2")	305,94	135,94
25.230.1602	20 Ø mm. (3/4")	402,19	135,94
25.230.2000	RADIATOR BUSHING: (Unit: Qty.). Supply to the work site and installation of a radiator bushing with quality certificate, in compliance with TS-579, and of the type and quality approved by the administration.		
25.230.2100	Straight radiator bushing: (TS 579).		
25.230.2101	15 Ø mm. (1/2")	268,44	135,94
25.230.2102	20 Ø mm. (3/4")	335,94	135,94
25.230.2103	25 Ø mm. 1	438,44	135,94
25.230.2200	Corner-type radiator bushing: (TS 579).		
25.230.2201	Ø15 mm (1/2")	329,69	135,94
25.230.2202	Ø20 mm (3/4")	398,44	135,94
25.230.2203	Ø25 mm 1	548,44	135,94
25.230.3000	RADIATOR BLEED VALVE: (Unit: Qty.). Supply to the work site and installation of a bleed valve with bakelite flywheel or made of hard PVC, complete with a flush-mounted switch, blind plug and floater, and of a type and quality to be approved by the administration and awarded a quality certificate.		
25.230.3001	Bleed valve with a flush-mounted switch.	98,50	78,13
25.230.4000	Radiator Connection Pipe: (Unit: Qty.) Supply and installation of a chrome-plated brass radiator connection pipe with nipples and bushes for use between the heating installation coming out of the floor and the inlet valve of the radiator.		
25.230.4001	400-mm long	173,13	46,88
25.230.4002	500-mm long	181,88	46,88
25.230.4003	600-mm long	199,38	46,88
25.230.4004	900-mm long	239,38	46,88
25.235.1000	Straight-tube Unitary Radiant Heater: (Unit: Qty.)		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	Supply to the work site and delivery in working order of a vacuum- or blow-type radiant heater manufactured in compliance with the TS EN 416-1 standard, the Directive (2016/426/EU) Appliances Burning Gaseous Fuels, Regulation (EU) No.305/2011 Construction Products - CPR, and released with a CE marking of compliance, equipped with a gas burner, a flame tube made of stainless steel SS or titanium alloy aluminized steel resistant to extreme temperatures and connected to the burner; thermally-treated aluminized radiant pipes; aluminum or aluminized reflectors, stainless steel SS couplings, flange connections and turbulator, galvanized pipes and reflector brackets (with suspension materials), and a vacuum fan resistant to extreme temperatures (250 °C) to aspire the burning air and burning products from the burner and discharge them through the exhaust pipe.		
25.235.1001	Straight-tube unitary radiant heater with 15 kW nominal power, 300-cm flame tube, min. 300-cm radiant tube, and a sufficient number of 0.70-mm-thick aluminum reflectors.	60.967,48	8.192,48
25.235.1002	Straight-tube unitary radiant heater with 20 kW nominal power, 300-cm flame tube, min. 600-cm radiant tube, and a sufficient number of 0.70-mm-thick aluminum reflectors.	64.784,71	9.572,21
25.235.1003	Straight-tube unitary radiant heater with 25 kW nominal power, 300-cm flame tube, min. 600-cm radiant tube, and a sufficient number of 0.70-mm-thick aluminum reflectors.	67.278,46	10.865,96
25.235.1004	Straight-tube unitary radiant heater with 30 kW nominal power, 300-cm flame tube, min. 900-cm radiant tube, and a sufficient number of 0.70-mm-thick aluminum reflectors	72.266,83	11.641,83
25.235.1005	Straight-tube unitary radiant heater with 35 kW nominal power, 300-cm flame tube, min. 900-cm radiant tube, and a sufficient number of 0.70-mm-thick aluminum reflectors.	74.963,70	12.288,70
25.235.1006	Straight-tube unitary radiant heater with 40 kW nominal power, 300-cm flame tube, min. 900-cm radiant tube, and a sufficient number of 0.70-mm-thick aluminum reflectors.	76.313,06	13.150,56
25.235.1007	Straight-tube unitary radiant heater with 45 kW nominal power, 300-cm flame tube, min. 1200-cm radiant tube, and a sufficient number of 0.70-mm-thick aluminum reflectors.	81.619,31	14.444,31
25.235.1008	Straight-tube unitary radiant heater with 50 kW nominal power, 300-cm flame tube, min. 1200-cm radiant tube, and a sufficient number of 0.70-mm-thick aluminum reflectors.	88.311,56	15.824,06
25.235.1009	Straight-tube unitary radiant heater with 55 kW nominal power, 300-cm flame tube, min. 1500-cm radiant tube, and a sufficient number of 0.70-mm-thick aluminum reflectors.	93.031,93	16.556,93
25.235.2000	U-tube Unitary Radiant Heater: (Unit: Qty.). Supply to the work site and delivery in working order of a vacuum- or blow-type radiant heater manufactured in compliance with the TS EN 416-1 standard, the Directive (2016/426/EU) Appliances Burning Gaseous Fuels, Regulation (EU) No.305/2011 Construction Products - CPR, and released with a CE marking of compliance, equipped with a gas burner, a flame tube made of stainless steel SS or titanium alloy aluminized steel resistant to extreme temperatures and connected to the burner; thermally-treated aluminized radiant pipes; aluminum or aluminized reflectors, stainless steel SS couplings, flange connections and turbulator, galvanized pipes and return-bend reflector brackets (with suspension materials), and a vacuum fan resistant to extreme temperatures (250 °C) to aspire the burning air and burning products from the burner and discharge them through the exhaust pipe.		
25.235.2001	Straight-tube unitary radiant heater with 15 kW nominal power, 300-cm flame tube, min. 300-cm radiant tube, and a sufficient number of 0.70-mm-thick aluminum reflectors.	65.042,48	8.192,48
25.235.2002	Straight-tube unitary radiant heater with 20 kW nominal power, 300-cm flame tube, min. 600-cm radiant tube, and a sufficient number of 0.70-mm-thick aluminum reflectors.	69.009,71	9.572,21
25.235.2003	Straight-tube unitary radiant heater with 25 kW nominal power, 300-cm flame tube, min. 600-cm radiant tube, and a sufficient number of 0.70-mm-thick aluminum reflectors.	71.840,96	10.865,96
25.235.2004	Straight-tube unitary radiant heater with 30 kW nominal power, 300-cm flame tube, min. 900-cm radiant tube, and a sufficient number of 0.70-mm-thick aluminum reflectors.	75.979,33	11.641,83

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.235.2005	Straight-tube unitary radiant heater with 35 kW nominal power, 300-cm flame tube, min. 900-cm radiant tube, and a sufficient number of 0.70-mm-thick aluminum reflectors.	78.613,70	12.288,70
25.235.2006	Straight-tube unitary radiant heater with 40 kW nominal power, 300-cm flame tube, min. 900-cm radiant tube, and a sufficient number of 0.70-mm-thick aluminum reflectors.	81.838,06	13.150,56
25.235.2007	Straight-tube unitary radiant heater with 45 kW nominal power, 300-cm flame tube, min. 1200-cm radiant tube, and a sufficient number of 0.70-mm-thick aluminum reflectors.	88.744,31	14.444,31
25.235.2008	Straight-tube unitary radiant heater with 50 kW nominal power, 300-cm flame tube, min. 1200-cm radiant tube, and a sufficient number of 0.70-mm-thick aluminum reflectors.	100.699,06	15.824,06
25.235.2009	Straight-tube unitary radiant heater with 55 kW nominal power, 300-cm flame tube, min. 1500-cm radiant tube, and a sufficient number of 0.70-mm-thick aluminum reflectors.	105.281,93	16.556,93
25.235.3000	Gas-Fired Ceramic Radiant Heater (Unit: Qty.) Supply and delivery of devices in working order, in accordance with TS EN 416 standard, 2016/426/EU Gas Burning Appliances Directive, EN 419 standard, with CE certificate, each operating independently, with a compact gas path armature, control and electronic ignition module, ignition electrode and flame sensor on each unit, ensuring gas supply to the combustion chamber in a controlled manner, which automatically ignites, provides complete combustion and provides 90% efficiency, and uses aluminum or aluminized reflectors around the ceramic surface to increase the reflectivity. Thermal Power kW		
25.235.3002	10 kW	31.375,00	4.350,00
25.235.3003	15 kW	39.828,13	4.465,63
25.235.3004	20 kW	43.325,00	4.737,50
25.235.3005	25 kW	46.778,13	4.853,13
25.235.3006	30 kW	48.062,50	5.125,00
25.235.3007	35 kW	52.390,63	5.240,63
25.235.3008	40 kW	57.750,00	5.512,50
25.235.3009	45 kW	62.465,63	5.628,13
25.235.3010	50 kW	65.512,50	5.900,00
25.235.3011	55 kW	68.278,13	6.015,63
25.236.1000	HOT AIR GENERATOR: (Unit: Qty.) Supply and delivery in working order of the Hot Air Generators, CE certified according to TS EN 416 standard, 2016/426/EU Gas Burning Appliances Directive, EN 419 standard, with an atmospheric burner and a leak-proof exhaust manifold at the heat exchanger outlet providing at least 90% efficiency and expelling combustion products out of the chimney by means of a connected combustion fan.		
25.236.1100	Hot Air Generator with Tubular Heat Exchanger Supply and delivery in working order of a tube heat exchanger made of aluminized tube or aluminum alloy steel. Thermal Power kW		
25.236.1101	15 kW	71.750,00	4.350,00
25.236.1102	20 kW	75.515,63	4.465,63
25.236.1103	25 kW	78.162,50	4.737,50
25.236.1104	30 kW	80.390,63	4.853,13
25.236.1105	35 kW	85.300,00	5.125,00
25.236.1106	40 kW	89.153,13	5.240,63
25.236.1107	45 kW	93.775,00	5.512,50
25.236.1108	55 kW	103.228,13	5.628,13
25.236.1109	65 kW	117.600,00	5.900,00

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.236.1200	Hot Air Generator with Plate Heat Exchanger Supply and delivery of stainless steel plate heat exchangers to the workplace in working order. Thermal Power kW		
25.236.1201	15 kW	75.187,50	4.350,00
25.236.1202	20 kW	78.803,13	4.465,63
25.236.1203	25 kW	82.275,00	4.737,50
25.236.1204	30 kW	85.490,63	4.853,13
25.236.1205	35 kW	90.525,00	5.125,00
25.236.1206	40 kW	93.315,63	5.240,63
25.236.1207	45 kW	96.250,00	5.512,50
25.236.1208	55 kW	100.615,63	5.628,13
25.236.1209	65 kW	119.150,00	5.900,00
25.240.1000	HALL-TYPE HEATING DEVICES: (Unit: Qty.), (quality certified by TSE)		
25.240.1100	Radial fan heaters (Wall-mounted). Supply and on-site installation of a wall-mounted hot air unit, certified for quality and designed for operation with hot water, superheated water, or steam; featuring a statically and dynamically balanced centrifugal fan directly coupled to a 1,500 rpm electric motor with internal or mixed air intake; equipped with a dip-galvanized heating coil, a chain-operated adjustable louvered discharge grille of minimum 1.5 m length, and a casing with iron inlet protected by galvanized wire mesh and finished with synthetic spray paint; engineered for vibration-free and low-noise performance. Thermal output shall be based on operation with 15 °C intake air and 90/70 °C hot water. If the heater is made of drawn pipes or copper pipes with aluminum fins, unit prices shall be raised by 30% and the installation fees shall remain the same without any increase. Thermal Power Amount of kcal/h Maximum Air m³/h		
25.240.1101	5.000 1.300	23.496,88	1.021,88
25.240.1102	6.000 1.300	24.834,38	1.021,88
25.240.1103	8.000 1.500	27.921,88	1.021,88
25.240.1104	10.000 1.500	30.315,63	1.565,63
25.240.1105	12.000 2.500	32.015,63	1.565,63
25.240.1106	16.000 3.000	39.965,63	1.565,63
25.240.1107	20.000 3.000	47.512,50	1.837,50
25.240.1108	24.000 4.000	53.312,50	1.837,50
25.240.1109	28.000 4.000	54.037,50	1.837,50
25.240.1110	32.000 5.000	57.450,00	2.587,50
25.240.1111	40.000 5.500	76.962,50	2.587,50
25.240.1112	50.000 6.000	82.500,00	2.587,50
25.240.1113	60.000 8.000	87.575,00	2.587,50
25.240.1200	Axial fan heaters: Ceiling- or wall-mounted heater with axial and 1500 rpm fan, which shall be awarded a quality certificate with the other specifications similar to the item 25.240.1100. The thermal power provided while operating with internal air suction and with 90-70 °C at 18 C shall be taken as basis for the price. If the heater is made of drawn pipes, the unit price including installation shall be raised by 30% or if copper pipes with aluminum fins are used, the unit price including installation shall be raised by 20% and the installation fees shall remain the same without any increase. The fittings required for installation shall be paid separately based on the relevant unit prices. (50% of the installation fee shall be charged extra for ceiling-mounted types.) Thermal Power Thermal Power Amount of KW kcal/h Maximum Air m³/h		
25.240.1201	4.5 4.000 900	16.037,50	750,00
25.240.1202	6.9 6.000 900	16.825,00	750,00
25.240.1203	9.3 8.000 1.100	17.437,50	750,00
25.240.1204	11.6 10.000 1.200	22.118,75	1.293,75

Item No	Job Type			UP+Instal.	Instal. Cost (TRY)
25.240.1205	13.9	12.000	1.600	23.306,25	1.293,75
25.240.1206	18.6	16.000	2.000	25.418,75	1.293,75
25.240.1207	23	20.000	2.000	30.500,00	1.837,50
25.240.1208	28	24.000	3.000	32.475,00	1.837,50
25.240.1209	32.5	28.000	3.000	36.837,50	1.837,50
25.240.1210	37	32.000	3.600	41.915,63	2.315,63
25.240.1211	45	40.000	4.400	50.353,13	2.315,63
25.240.1212	58	50.000	5.000	59.450,00	2.587,50
25.245.1000	COLLECTOR:				
25.245.1100	Collector pipe: (Unit: m) Plugging two ends of a welded pipe of the required length with convex sheet metal with the same wall thickness as the pipe, forming a collector with a uniform outlet fit for welding of flanged pipes sized to comply with the Turkish Standards by making holes smaller in diameter than the pipe outlets and inflating such holes outwards by heat, welding sleeves for such equipment as manometers, hydrometers, thermometers and drain valves, and installation on such locations as boilers, walls, etc.				
25.245.1101	57/3.0 Ø mm.	welded pipe		321,88	108,75
25.245.1102	83/3.25 Ø mm.	welded pipe		615,63	271,88
25.245.1103	108/3.71 Ø mm.	welded pipe		787,50	271,88
25.245.1104	133/4.0 Ø mm.	welded pipe		1.001,38	326,25
25.245.1105	159/4.5 Ø mm.	welded pipe		1.349,38	435,00
25.245.1106	219/4.5 Ø mm.	welded pipe		1.578,38	489,38
25.245.1107	273/5.0 Ø mm.	welded pipe		2.112,00	598,13
25.245.1108	324/5.6 Ø mm.	welded pipe		2.722,63	706,88
25.245.1109	407/6.3 Ø mm.	welded pipe		3.555,88	706,88
25.245.1200	Collector pipe, made of drawn steel pipe: (Unit: m) Other specifications shall be the same as the item 25.245.1100.				
25.245.1201	57/2.9 Ø mm.	patent drawn steel pipe collector		447,00	108,75
25.245.1202	82.5/3.2 Ø mm.	patent drawn steel pipe collector		798,50	271,88
25.245.1203	108/3.6 Ø mm.	patent drawn steel pipe collector		1.051,50	271,88
25.245.1204	133/4.0 Ø mm.	patent drawn steel pipe collector		1.519,25	489,38
25.245.1205	159/4.5 Ø mm.	patent drawn steel pipe collector		1.827,25	489,38
25.245.1206	219/5.9 Ø mm.	patent drawn steel pipe collector		3.123,88	489,38
25.245.1207	267/6.3 Ø mm.	patent drawn steel pipe collector		3.220,88	543,75
25.245.1208	324/7.1 Ø mm.	patent drawn steel pipe collector		4.223,25	543,75
25.245.1209	419/10 Ø mm.	patent drawn steel pipe collector		6.684,50	543,75
25.245.2000	Collector stubs: (Unit: Qty.). Welding, and coating with two layers of red lead and two layers of oil paint, of flanged stubs prepared to fit the collector pipe described in the item 25.245.1100, the relevant project and Turkish Standards.				
25.245.2001	Stub diameter	Ø15 mm		156,25	78,13
25.245.2002	Stub diameter	Ø20 mm		218,13	78,13
25.245.2003	Stub diameter	Ø25 mm		225,63	78,13
25.245.2004	Stub diameter	Ø32 mm		336,88	78,13
25.245.2005	Stub diameter	Ø40 mm		405,00	125,00
25.245.2006	Stub diameter	Ø50 mm		447,50	125,00
25.245.2007	Stub diameter	Ø65 mm		553,75	125,00
25.245.2008	Stub diameter	Ø80 mm		630,00	156,25
25.245.2009	Stub diameter	Ø100 mm		642,50	156,25
25.245.2010	Stub diameter	Ø125 mm		811,25	187,50

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.245.2011	Stub diameter Ø150 mm	978,75	187,50
25.245.2012	Stub diameter Ø200 mm	1.217,50	187,50
25.245.2013	Stub diameter Ø250 mm	1.752,50	250,00
25.245.2014	Stub diameter Ø300 mm	1.838,75	250,00
25.245.3100	1" Collector With Valve: (Unit: Qty.) The supply to the work site and installation of the collector (1 piece) of brass or stainless steel material used in the heating systems for the distribution or collection of the fluid. Note: The collector shall be provided with the outlet connection Ø16x2 mm and with valves.		
25.245.3101	With 2 outlets	627,75	174,00
25.245.3102	With 3 outlets	844,44	179,44
25.245.3103	With 4 outlets	1.024,06	190,31
25.245.3104	With 5 outlets	1.221,25	217,50
25.245.3105	With 6 outlets	1.458,13	271,88
25.245.3106	With 7 outlets	1.690,00	326,25
25.245.3107	With 8 outlets	1.924,69	353,44
25.245.3108	With 9 outlets	2.106,00	369,75
25.245.3109	With 10 outlets	2.305,63	380,63
25.245.3110	With 11 outlets	2.571,56	407,81
25.245.3111	With 12 outlets	2.676,25	435,00
25.245.4100	1" Collector With Flow Control: (Unit: Qty.) The supply to the work site and installation of the collector with flow meter of brass or stainless steel material used in the heating systems for the distribution or collection of the fluid.		
25.245.4101	With 2 outlets	961,50	174,00
25.245.4102	With 3 outlets	1.538,19	179,44
25.245.4103	With 4 outlets	1.936,56	190,31
25.245.4104	With 5 outlets	2.377,50	217,50
25.245.4105	With 6 outlets	2.841,88	271,88
25.245.4106	With 7 outlets	3.286,88	313,13
25.245.4107	With 8 outlets	3.740,94	353,44
25.245.4108	With 9 outlets	4.089,75	369,75
25.245.4109	With 10 outlets	4.593,13	380,63
25.245.4110	With 11 outlets	5.027,81	407,81
25.245.4111	With 12 outlets	5.445,00	435,00
25.245.5100	1" Collector With Actuator Control (Unit: Qty.) The supply to the work site and installation of the collector with actuator of brass or stainless steel material used in the heating systems for the distribution or collection of the fluid. Note: The collector shall be provided with the outlet connection Ø16x2 mm and with valves and actuators.		
25.245.5101	With 2 outlets	2.381,25	217,50
25.245.5102	With 3 outlets	3.275,31	229,06
25.245.5103	With 4 outlets	4.202,19	244,69
25.245.5104	With 5 outlets	5.113,13	271,88
25.245.5105	With 6 outlets	6.073,75	326,25
25.245.5106	With 7 outlets	7.039,38	380,63
25.245.5107	With 8 outlets	7.939,69	392,19
25.245.5108	With 9 outlets	8.862,81	407,81
25.245.5109	With 10 outlets	9.806,25	435,00
25.245.5110	With 11 outlets	10.672,81	446,56
25.245.5111	With 12 outlets	12.111,88	489,38

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.245.5150	2-Way Valve with Actuator Control (Unit: Qty.) Supply and installation of actuator-controlled valves made of brass material, used to control the fluid in heating systems, manually or by means of an actuator with a sensor signal according to room temperature. Note: Actuator is included in the description.		
25.245.5151	DN20	1.996,25	183,75
25.245.5152	DN25	2.300,63	238,13
25.245.5200	Distributor Control Panel – Terminal (Unit: Qty.) Supply to the work site and installation of a distributor control panel operating at 24V/230V voltage, with an integrated fuse system, which enables communication between room thermostats and actuators in underfloor heating systems in an inter-connected manner.		
25.245.5201	Connecting up to 6 room thermostats	2.379,38	129,38
25.245.5202	Connecting up to 8 room thermostats	2.614,69	177,19
25.245.5203	Connecting up to 10 room thermostats	3.078,75	266,25
25.245.5300	Collector Cabinet (Unit: Qty.) Supply to the work site and installation of flush- or surface-mounted collector cabinets with galvanized sheet metal body, DKP type frame and cover, electrostatic powder painted, used to prevent the collectors from being visible from the outside and to protect the system against external impacts, with a frame and cover that can be opened and adjusted forward, and a rail slide for the installation of the distributor control panel.		
25.245.5301	Collector cabinet with 2-5 outlets	3.704,38	238,13
25.245.5302	Collector cabinet with 6-8 outlets	4.370,00	292,50
25.245.5303	Collector cabinet with 9-11 outlets	5.216,00	351,00
25.245.5304	Collector cabinet with 12-13 outlets	5.969,13	405,38
25.246.1100	Protective-Coated Modulation Panel with Underfloor Heating: (Unit: m²) Supply to the work site and installation of a closed-cell EPS panel that is in compliance with TSE EN 1264-1 standard, placed on the market with CE conformity mark, with a density of at least 30 kg/m³ or a compressive strength of at least 200 kPa, mushroom heads at a height of 4/4.5 cm allowing modulation through passage of underfloor heating pipes, and a layer similar to plastic foil coated on top to prevent the passage of screed water to the flooring and to increase its resistance to breaking and crushing, including a 2 cm flat bottom and a 2/2.5 cm top at a depth to be used for bedding on the pipes.	188,38	4,63
25.246.1150	Edge Insulation Tape (Unit: m) Supply to the work site and installation of single-sided self-adhesive edge insulation tape, 5 mm thick and 100 mm wide.	16,44	4,63
25.250.2100	THERMOMETER: (Unit: Qty.) Supply to the work site and installation in designated locations as per the relevant project of metallic thermometers in specified diameters and temperature increments.		
25.250.2101	Ø 100 mm, partitioned up to 120 °C	504,38	78,13
25.250.2102	Ø 100 mm, partitioned up to 250 °C	504,38	78,13
25.250.2103	Ø 160 mm, partitioned up to 120 °C	1.084,38	78,13
25.250.2104	Ø 160 mm, partitioned up to 250 °C	1.084,38	78,13
25.250.2200	HYDROMETER: (Unit: Qty.) (TS-617). - supply to the work site and installation in diameters specified below; easy-to-read dial with large increments, and a needle indicating water pressure; adjustable red needle indicating water level.		
25.250.2201	Ø100 mm, up to 2.22 ATM (25 mWC).	415,63	78,13
25.250.2202	Ø100 mm, up to 4.44 ATM (50 mWC).	415,63	78,13
25.250.2203	Ø160 mm, up to 2.22 ATM (25 mWC).	1.175,63	78,13
25.250.2204	Ø160 mm, up to 4.44 ATM (50 mWC).	1.175,63	78,13
25.250.2300	MANOMETER: (Unit: Qty.) Supply to the work site and installation; manufactured in compliance with the TS EN 837-1/3 and TS EN 542 standards and the Directive (2014/68/EU) Pressure Equipment; released with a CE compliance marking; in diameters given below; easy-to-read scale.		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.250.2301	Ø 100 mm. Partitioned up to 1 ATM	441,88	78,13
25.250.2302	Ø100 mm. Partitioned up to 3 ATM	441,88	78,13
25.250.2303	Ø 100 mm. Partitioned up to 5 ATM	441,88	78,13
25.250.2304	Ø 100 mm. Partitioned up to 10 ATM	441,88	78,13
25.250.2305	Ø 100 mm. Partitioned up to 15 ATM	441,88	78,13
25.250.2306	Ø 160 mm. Partitioned up to 3 ATM	1.175,63	78,13
25.250.2307	Ø 160 mm. Partitioned up to 5 ATM	1.175,63	78,13
25.250.2308	Ø 160 mm. Partitioned up to 10 ATM	1.175,63	78,13
25.250.2309	Ø 160 mm. Partitioned up to 15 ATM	1.175,63	78,13
25.250.2500	3-Way Manometer Tap: (Unit: Qty.) Supply to the worksite and installation of 3-way manometer taps, manufactured in accordance with the 2014/68/EU Pressure Equipment Directive, with a pressure class suitable for the measured fluid, whether pressed or turned.	601,88	78,13
25.250.3000	Heat Cost Allocators, Electronic (Unit: Qty.) Supply to the work site, programming, installation and delivery in working order, including fittings, of sealed heat cost allocators of TS EN 834 standard, released with CE marking, equipped with two temperature sensors, one providing radiator surface reading, and the other, room temperature reading, and a housing that contains all components including the calculating and display modules, which shall run on mains and battery power, store consumption readings on its memory for min. 12 months, allow such reading to be viewed on its display, capable of operating at an ambient temperature of 0 -50 °C, and can be installed on any type of radiator.		
25.250.3100	Heat Cost Allocator with Radio Module: (Unit: Qty.) Fulfilling TS EN 834 Standards, released with a CE compliance marking, electric-operated, transferring data by a radio module, allowing reading from outside the building, with other specifications the same as the item 25.250.3000.	1.525,00	156,25
25.250.4000	Heat Meter (Calorimeter): (Unit: Qty.) Programming, supply to the work site with fittings, and delivery in working order, of a sealed calorimeter of TS EN 1434-1/2/3/4/5 standard, with a compact or split structure, optical interface and M-bus, RF firmware, minimum class 3 measuring precision, a measuring range of 5 C and 120 °C, replaceable batteries (including a 5-meter cable for a 6-meter split type calculation unit for installation) which shall be certified with AT Type Approval, made up of a flow rate unit of measure (flowmeter), electronic calculation unit and temperature sensors of DIN EN 60751 standard, in PN 16 pressure class, and used under A or C environmental conditions.	1.933,75	156,25
25.250.4100	Mechanical Heat Meter, for the Heating Line:		
25.250.4101	Nominal flow rate: 0.6 m³/h, DN15	5.787,50	1.087,50
25.250.4102	Nominal flow rate: 1.5 m³/h, DN15-20	5.826,25	1.087,50
25.250.4103	Nominal flow rate: 2.5 m³/h, DN20-25	6.413,75	1.087,50
25.250.4104	Nominal flow rate: 3.5 m³/h, DN20-25	12.232,50	1.087,50
25.250.4105	Nominal flow rate: 6.0 m³/h, DN25-32	14.036,25	1.631,25
25.250.4106	Nominal flow rate: 10.0 m³/h, DN40	21.318,75	1.631,25
25.250.4107	Nominal flow rate: 15.0 m³/h, DN50	23.843,75	1.631,25
25.250.4108	Nominal flow rate: 25.0 m³/h, DN65	32.868,75	1.631,25
25.250.4109	Nominal flow rate: 40.0 m³/h, DN80	41.300,00	2.175,00
25.250.4110	Nominal flow rate: 60.0 m³/h, DN100	46.612,50	2.175,00
25.250.4200	Mechanical Heat Meter, Radio Frequency, for Heating Lines;		
25.250.4201	Nominal flow rate: 0.6 m³/h, DN15-20	5.912,50	1.087,50
25.250.4202	Nominal flow rate: 1.5 m³/h, DN15-20	6.756,88	1.359,38
25.250.4203	Nominal flow rate: 2.5 m³/h, DN20-25	6.804,38	1.359,38
25.250.4204	Nominal flow rate: 3.5 m³/h, DN20-25	13.580,63	1.359,38
25.250.4205	Nominal flow rate: 6.0 m³/h, DN25-32	15.081,25	1.631,25
25.250.4206	Nominal flow rate: 10.0 m³/h, DN40	22.706,25	1.631,25

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.250.4300	Mechanical Heat Meter, for the Cooling Line: Suitable for use on a cooling system - chiller line, protected against formation of condensed water, other specifications same as the item 25.250.4000, unit prices including installation 25% increased over the item 25.250.4100, installation fees remaining the same.		
25.250.4400	Mechanical Heat Meter with Radio Frequency, for Cooling Lines; Suitable for use on a cooling system - chiller line, protected against formation of condensed water, other specifications same as the item 25.250.4000, unit prices including installation 25% increased over the item 25.250.4200, installation fees remaining the same.		
25.250.4500	Ultrasonic Heat Meter, for the Heating Line:		
25.250.4501	Nominal flow rate: 0.6 m³/h, DN15	6.000,00	1.087,50
25.250.4502	Nominal flow rate: 1.5 m³/h, DN15-20	6.358,13	1.359,38
25.250.4503	Nominal flow rate: 2.5 m³/h, DN20-25	7.211,88	1.359,38
25.250.4504	Nominal flow rate: 3.5 m³/h, DN20-25	10.414,38	1.359,38
25.250.4505	Nominal flow rate: 6.0 m³/h, DN25-32	11.371,25	1.631,25
25.250.4506	Nominal flow rate: 10.0 m³/h, DN40	13.721,25	1.631,25
25.250.4507	Nominal flow rate: 15.0 m³/h, DN50	24.131,25	1.631,25
25.250.4508	Nominal flow rate: 25.0 m³/h, DN65	31.162,50	2.175,00
25.250.4509	Nominal flow rate: 40.0 m³/h, DN80	38.512,50	2.175,00
25.250.4510	Nominal flow rate: 60.0 m³/h, DN100	45.237,50	2.175,00
25.250.4600	Ultrasonic Heat Meter, for the Cooling Line: Suitable for use on a cooling system - chiller line, protected against formation of condensed water, other specifications same as the item 25.250.4000, unit prices including installation 25% increased over the item 25.250.4500, installation fees remaining the same.		
25.250.4601	M-bus communication interface	2.342,50	543,75
25.250.4602	Impulse communication interface	1.942,50	543,75
25.250.4603	Radio communication interface	2.116,25	543,75
25.250.4604	RS232 communication interface	1.948,75	543,75
25.255.1000	EXPANSION AND VENTILATION TANKS: (Except insulation)		
25.255.1100	Open prismatic expansion tank: Manufacturing an expansion tank with min. 40 x 40 x 4-mm bracket edges and 3-mm iron sheet body, reinforcing the tank with min. 20-mm cross pipes installed inside, installing an overflow receptacle made of 2-mm iron sheet and supports of 10 x 15-cm tarred timber, coating both surfaces of all iron parts with two layers of red lead, installing a hinged top cap with rubber seals that can be opened and closed, and secured with butterfly bolts, installing a vent, and connecting the overflow receptacle to the sewer system (except the price of the pipe and insulation with rock wool with 50 kg/m³ density and min. 5-cm thickness as per its project design.) Installation to the piping with flanges or bushes (depending on the Type Project) (The values are subject to change depending on the tank size). (Iron structures shall be paid per the item 15.550.1202, and other structures shall be paid per their respective items.)		
25.255.1200	Open cylindrical expansion tank, (TS 713): Supply of an open cylindrical tank fulfilling the size and quality requirements of TS 713, coating of the iron supports with two layers of red lead (the iron support shall not be charged), insulation with rock wool mats with 90 kg/m³ density sewn on min. 5-cm-thick rabbit wire (chlorine content < 10 ppm), supply to the workplace and installation. In case of sheet metal or aluminum plating, extra 80% of unit prices including installation shall apply. (Iron structures shall be paid per the item 15.550.1202, and other structures shall be paid per their respective items.)		
25.255.1250	Enclosed expansion tank: Supply to the work site, coating with two layers of red lead and two layers of oil paint of a cylindrical expansion tank made of steel as per the relevant approved project, equipped with a manhole and water level indicator, safety valve, manometer and pressurized gas connection nozzles. Iron components shall be charged per item 15.550.1202, other components shall be charged per relevant items based on the weight to be calculated as per the project design.		
25.255.1300	Cylindrical ventilation tank (Unit: Qty.,) Production of a cylindrical ventilation tank made of 3-mm sheet metal with the ends slightly convex and the ratio of length (L) to diameter (d) (L+d) between 2 and 3, installation on consoles, connection to the system with flanges or bushes, coating with two layers of red lead		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	and insulation (Based on the type image).		
25.255.1301	5 L	506,88	78,13
25.255.1302	10 L	596,88	78,13
25.255.1303	20 L	1.214,38	78,13
25.255.1304	40 L	1.700,63	78,13
25.255.2000	Steel, airtight expansion tank with replaceable membrane: (Unit: Qty.). Airtight tank housing made of steel material (Min. TS EN 10025-1/2/3/4/5 Fe 37-2) of the size and quality in compliance with TS EN 13831, and equipped with an expansion tank, gas filling valve, valve housing, water filling nozzle, membrane replacement flange, and a membrane resistant to min. 100 °C (membrane material: ethyl propylene, butyl, nitrile, natural and styrene-butadiene rubber or their mixtures), which shall be cleaned in a cleaning bath with all surfaces applied phosphate and external surfaces coated by electrostatic method and oven-dried. Steel plate and membrane wall thickness shall be min. 2 mm Supply to the work site and installation of a tank with a gas chamber filled with inert gases (Nitrogen, Helium, etc.). Note: 1- Manufactured to comply with the Directive (PED 2014/68/EU) Pressure Equipment, and released with a CE compliance marking. 2- The tank's tightness shall be tested by pressurized water with 1.5 times the minimum operating pressure. Tanks with higher capacity than 50 L shall be equipped with pedestals that allow them to be installed on the floor. At 8 ATM Operating Pressure:		
25.255.2001	25 L	2.121,88	646,88
25.255.2002	50 L	3.564,06	970,31
25.255.2003	80 L	5.540,00	1.293,75
25.255.2004	100 L	6.022,50	1.293,75
25.255.2005	150 L	7.944,69	1.617,19
25.255.2006	200 L	9.625,94	1.617,19
25.255.2007	250 L	9.980,63	1.940,63
25.255.2008	300 L	12.161,63	2.026,63
25.255.2009	500 L	17.002,49	2.802,49
25.255.2010	750 L	24.527,49	2.802,49
25.255.2011	1,000 L	31.539,99	2.802,49
25.255.2012	1,500 L	48.411,23	4.311,23
25.255.2013	2,000 L	67.308,10	4.958,10
25.255.2014	2,500 L	73.250,56	5.388,06
25.255.2015	3,000 L	106.384,94	6.034,94
25.255.3000	Steel, Airtight Expansion Tank with Replaceable Membrane: 10 ATM Operating Pressure. Other specifications shall be the same as the item 25.255.2000. The unit prices including installation in the item 25.255.2000 shall be raised by 10% with the installation fees remaining unchanged.		
25.255.4000	Steel, Airtight Expansion Tank with Replaceable Membrane: 12 ATM Operating Pressure. Other specifications shall be the same as the item 25.255.2000. The unit prices including installation in the item 25.255.2000 shall be raised by 20% with the installation fees remaining unchanged.		
25.260.1000	BALANCE TANK (Unit: Qty.) Supply to the work site and installation of a balance tank built to ensure thermal balance and hydraulic balance in heating and cooling systems, with maximum water speed of 0.2 m/sec. within the housing depending on the water flow specified in the project design, with water inlets and outlets as specified in the project design, and equipped with air discharge, sensor and drain nozzles, and a perforated sheet metal cell facing the water input nozzle inside the housing, which shall be operab at 110 °C and maximum operating pressure of 10 bars.		
25.260.1100	Welded Balance Tank Flow rate: m³/h Enclosure Diameter Inlet-Outlet Diameter		
25.260.1101	4 m³/h , Ø114 , Ø50	3.597,50	483,75
25.260.1102	6 m³/h , Ø165 , Ø65	4.158,44	510,94

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.260.1103	8 m³/h , Ø165 , Ø65	5.259,38	538,13
25.260.1104	10 m³/h , Ø219 , Ø80	5.581,25	592,50
25.260.1105	15 m³/h , Ø219 , Ø80	8.399,38	646,88
25.260.1106	20 m³/h , Ø273 , Ø100	9.973,75	701,25
25.260.1107	25 m³/h , Ø273 , Ø100	13.505,63	755,63
25.260.1108	30 m³/h , Ø323 , Ø125	15.735,00	810,00
25.260.1109	40 m³/h , Ø323 , Ø125	18.589,38	864,38
25.260.1110	50 m³/h , Ø323 , Ø150	23.279,06	891,56
25.260.1111	75 m³/h , Ø400 , Ø200	29.081,25	918,75
25.260.1112	100 m³/h , Ø450 , Ø200	37.598,13	973,13
25.260.1200	Flanged Balance Tank		
25.260.1201	4 m³/h, Ø114 , DN50	6.798,13	646,88
25.260.1202	6 m³/h, Ø165 , DN65	8.562,50	701,25
25.260.1203	8 m³/h, Ø165 , DN65	10.651,88	755,63
25.260.1204	10 m³/h, Ø219 , DN80	11.902,50	810,00
25.260.1205	15 m³/h, Ø219 , DN80	16.439,38	864,38
25.260.1206	20 m³/h, Ø273 , DN100	18.031,25	918,75
25.260.1207	25 m³/h, Ø273 , DN100	22.785,63	973,13
25.260.1208	30 m³/h, Ø323 , DN125	27.177,50	1.027,50
25.260.1209	40 m³/h, Ø323 , DN125	31.381,88	1.081,88
25.260.1210	50 m³/h, Ø323 , DN150	40.448,75	1.136,25
25.260.1211	75 m³/h, Ø400 , DN200	54.053,13	1.190,63
25.260.1212	100 m³/h, Ø450, DN200	61.732,50	1.245,00
25.262.1000	COATING OF RADIATORS: (Unit: m²) Coating of the convectors and radiators in two layers above the factory-applied primer, as approved by the administration with oil paint or aluminum paint of desired color and resistant to the temperature of the heater, using a spray gun or brush, after the convectors and radiators are cleaned.		
25.262.1010	Coating of radiators with oil paint: Coating of heaters with oil paint as described in the item 25.262.1000.	231,25	156,25
25.264.1000	FILLING AND DRAIN TAPS (as per TS 481) (Unit: Qty.). Supply to the work site and installation in designated locations of taps with brass bushes with square opening and closing switches with steel hose connection bushings, and attachment of bushings to the hoses by screw clamps (certified for compliance with the Turkish Standards).		
25.264.1001	Ø20 mm (3/4")	569,69	135,94
25.264.1002	Ø25 mm 1	629,69	135,94
25.264.1020	Boiler blow-down valve; Supply and installation of a PN 40-compliant blow-down valve with lever, spring, steel body, cast iron piston, using flanges (quality certified by TSE) Ø40 mm.	15.056,25	543,75
25.264.1040	Boiler drainage and water intake taps; Supply and installation of a PN 16-40-compliant two-way, cast steel piston tap. Screw or flange connection (quality certified by TSE) Ø15 mm.	2.789,38	271,88
25.264.2000	WATER LEVEL INDICATOR: (Unit: Qty.). Supply to the work site and installation of a water level indicator with brass or steel enclosure, three-way taps and a glass or Reflex glass tube of appropriate length to show the level of fluid in steam boilers, enclosed expansion tanks or water pressure tanks. (Min. 31-cm-long)		
25.264.2100	For pressures up to 10 ATM: Steel enclosure, Reflex glass, and a valve group with top, bottom and discharge pistons (TS 517).		
25.264.2101	Distance between flanges: 31 cm.	10.820,63	380,63
25.264.2102	Distance between flanges: 34 cm.	11.546,88	380,63
25.264.2103	Distance between flanges: 37 cm.	12.820,00	435,00

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.264.2104	Distance between flanges: 40 cm.	13.635,00	435,00
25.264.2105	Distance between flanges: 44 cm.	13.976,88	489,38
25.264.2106	Distance between flanges: 51 cm.	17.526,88	489,38
25.264.2107	Distance between flanges: 57 cm.	18.243,75	543,75
25.264.2108	Distance between flanges: 63 cm.	19.173,13	598,13
25.264.2109	Distance between flanges: 69 cm.	20.648,13	598,13
25.264.2110	Distance between flanges: 77 cm.	21.477,50	652,50
25.264.2111	Distance between flanges: 81 cm.	22.781,88	706,88
25.264.2112	Distance between flanges: 90 cm.	24.623,75	761,25
25.264.2113	Distance between flanges: 99 cm.	28.415,63	815,63
25.264.2114	For pressures up to 32 ATM: Unit prices in installed form in the item 25.264.2100 and valves with steel enclosures, reflex glasses, and pistons (TS 517) shall be increased by 20% and installation fees shall remain unchanged.		
25.264.3000	BOILER FEED DEVICES: (Unit: Qty.)		
25.264.3100	Mechanical boiler feed device: Supply to the work site and installation of a feed device for use in low-pressure steam boilers, with pig-cast enclosure, copper or stainless steel floater, hardened and stonewashed stainless steel needle and valve connected to the floater, and stainless steel valve housing.		
25.264.3101	Ø6 mm	1.384,38	271,88
25.264.3102	Ø10 mm	1.531,25	326,25
25.264.3103	Ø15 mm	1.783,13	380,63
25.264.3104	Ø20 mm	1.953,75	435,00
25.264.3105	Ø25 mm	2.196,88	489,38
25.264.3106	Ø30 mm	2.308,75	543,75
25.264.3107	Ø40 mm	2.449,38	598,13
25.264.3108	Ø50 mm	2.998,75	652,50
25.264.3109	Ø65 mm	3.686,88	706,88
25.264.3200	Electric boiler feed device: (quality certified by TSE). Supply to the work site and installation of an electric boiler feed device between the control switch and the breaker for use in steam boilers, with pig-cast enclosure, copper and stainless steel floater, circuit opening and closing water level indicator with mercury switch, strainers for connection to the steam and boiler feed water circuit, not including the antigron cable up to 10 meters. (For boilers of any size).		
25.264.3201	Electric boiler feed device.	4.779,38	380,63
25.264.3202	Each additional switch for the low water alarm mechanism. (Burner or low water level alarm mechanism for controllers).	766,88	380,63
25.264.3300	Magnetic boiler feed device: (Fully automatic, electric, magnetic, three-function boiler feed device). (Quality certified by TSE). Supply to the work site, making water, steam and power connections and adjustments, and delivery in working order of a magnetic boiler feed device with a floater housing to control the level of fluid in such devices as the boiler, balance tank and degassing tank under pressure and temperature, a stainless steel floater (flange-connected to the steam and water sections), the part housing the electrical contacts fully protected against the corrosive impact of steam and water, which allows installation of the minimum water level alarm and burner stopper contacts (for each size of boiler).		
25.264.3301	3 Functions (up to 16 ATM)	6.191,88	706,88
25.264.3302	3 Functions (above 16 ATM)	6.321,88	706,88
25.264.3303	Extra charge for each additional contact.	375,63	163,13
25.264.3400	Three-function, fully-automatic, electric boiler feed device: (for use in steam boilers) (quality certified by TSE). Supply, installation in the designated location, and delivery in working order, of an electric, fully automatic boiler supply (feeding) device with thermally-treated special pig-cast housing and connection parts with high carbon, stainless steel blower, floater and three parts that directly contact vapor, equipped with a mercury switch for starting and stopping the feeding water pump (low and high levels of operation) burner control (on and off), an alarm control system and a level stroke with precision settings, including		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	power connection cables made of silicon-insulated braided copper wires resistant to high temperature, a fiber connection terminal block and a porcelain cable fixing group.		
25.264.3401	Three functions, up to PN 16 ATM	6.669,38	706,88
25.264.4000	CONDENSATE WATER TANK: (Unit: kg). Production of a prismatic condensate tank with min. 40 x 40 x 4-mm iron bracket edges and 4-mm iron housing based on the approved project, reinforcement of the tank internally with 25-mm pipes installed diagonally, building a 10-cm-high pedestal with 250 kg/m ³ concrete, interior and exterior coating with two layers of red lead, and supply of the condensate tank with a hinged top cap with rubber seals and a vent that can be opened and closed, and secured with butterfly bolts, and installation in the designated location with flanges or bushes (The aforementioned values are subject to change based on the tank size) (Iron components shall be charged per item 15.550.1202, other components shall be charged per relevant items based on the weight to be calculated as per the project design.)		
25.264.5000	BOILER SAFETY SIPHON: (TS 2838). Supply to the work site and installation of a safety siphon for use in low-pressure steam boilers and manufactured as prescribed in the approved project depending on the boiler pressure and capacity, with 1, 2 or 3 pillars for flanged connection to the boiler, a pipe for filling the overflow tank, filling funnel with 15-mm gate valve, and air bleed valve and bottom valve for turning the water on and off. (The material cost shall be taken 100% to be paid per the pipe unit price depending on the size and by kg for the sheet metal components (installation of pipes).		
25.264.6000	BOILER SAFETY ALARM SYSTEM: (Unit: Qty.) Supply to the work site and installation of an adjustable boiler safety alarm system that notifies when water level has dropped below the set lower threshold and steam pressure has risen above the set upper threshold.		
25.264.6001	Water level low alarm system: Delivery in working order complete with the alarm horn, outlet branch and circuit.	1.375,00	
25.264.6002	Maximum pressure alarm system: Delivery in working order complete with the pressure static burner, alarm horn, outlet branch and circuit.	1.687,50	
25.266.1000	Antifreeze Liquid With Corrosion Inhibitor (Unit: kg) The liquid to be used as antifreeze and corrosion inhibitor for applications such as water heating-cooling in installations with freezing risks shall function in the temperature range of -50 C to +140 C, shall have a corrosion inhibitor, shall be homogeneously mixable with water, the water mixture shall be at least 20%, shall be +20 C in its pure form, density shall be 1.1-1.2 g /cm ³ , heat transfer coefficient shall be 2.4-2.5 kJ/kg, PH shall be 7-8.5, thermal conductivity shall be 0.25- 0.35 W/mK, freezing point shall be -37 C and below in a 50% mixture, kinematic viscosity shall be maximum 4.6 mm ² /s in a 50% mixture, and these properties shall be defined according to DIN, EN or TSE standards or analyzed & certified by accredited laboratories. There shall be high-tech inhibitors to protect all metals in heating and cooling systems from corrosion. In tests performed in compliance with ASTM D 1384 or standards obtained from an accredited laboratory (with 50% water mixture), the weight change values (g/m ²) of the metals used shall be a max. -1.0 for copper, -1.0 for soft solder, -0.9 for brass, ±0.0 for cast iron, -0.2 for steel, and -0.3 for cast aluminum. The liquid shall not contain nitrites, amines, borates, silicas and phosphates, shall be produced without the use of CMR Substances (carcinogenic, mutagenic and reprotoxic substances), shall contain PH stabilizers, and maximum deviation from the value during system commissioning shall be +-1. The supply and delivery in working order of antifreeze liquid with corrosion inhibitor must comply with the EU' new REACH standards, heat transfer fluid shall be functioning and suitable for operation with pumps, expansion tanks, plate exchangers, plastic and elastomer (Gasket, Oring, EPDM, NBR, etc.) parts of valves. Note: The price is for 1 kg of pure liquid.	361,88	46,88
25.266.2000	Mechanical Installation Flushing (Unit: m³) Based on the approved project, the operations of static washing, biocide washing, dynamic washing, chemical washing, rinsing and protection to be carried out before the commissioning of the mechanical installation shall be carried out in compliance with BSRIA BG29 or AWWA standards, and all devices shall have discharge points in by-pas line collectors and other relevant locations before connection with the installation. At the end of the seven-day period following the washing process, the last installation water sample shall be within the physical and chemical parameters specified in Table 4 of BSRIA BG29. Pricing will be based on the reported and approved installation volume in the mechanical installation project.	5.326,25	2.175,00
25.266.2100	Bag filter to be used in washing processes (Unit: Qty.) Bag filters shall have stainless AISI 304 body, filter range of 1-50 micron, size of at least 20,"		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	drainage and bleed valves, easily replaceable filters, operating pressure of 10 bars, iron electrode holder, and these components shall remain in the installation after the washing process. Supply and installation of bag filters in accordance with the project.		
25.266.2101	5 m³/h flow rate	28.893,75	2.718,75
25.266.2102	10 m³/h flow rate	32.240,63	2.990,63
25.266.2103	20 m³/h flow rate	46.375,00	3.262,50
25.280.1000	BURNER, FULLY AUTOMATIC, WITHOUT HEATER (Unit: Qty.) Manufactured in accordance with TS EN 267:2009+A1 standard, Directive (2006/42/EC) Machinery and Directive (2014/68/EU) Pressure Equipment, released to the market with CE marking, working with Fuel Oil of 342-55 SSU viscosity at 100 F temperature, photocell control timing and pre-sweeping technique in compliance with the data given in the Technical Specification, comprising high voltage ignition transformer for the starting ignition, ignition electrodes and cables, flexible or copper fuel pipes on the burner, air turbulator, magnetic or pressure controlled fuel shut-off valve controlled by photocell relay, air damper, a system to fix the burner to the boiler hatch or to the metal base, complete burner electrical control panel in a steel enclosure comprising the fuses, thermal or magnetic circuit breakers for three-phase motors, starter switch, green and red recessed operation and fault signal lights, cabling and protected against moisture, including the burner nozzle and fuel hoses, electrical cables between the burner and the burner electrical panel laid inside a gas pipe according to the approved design, single phase and three phase, motor starter circuit and contactor via relay to regulate the control in line with the technical specifications according to the appropriate settings for the photocell control timing and pre-purge duration, together with the time delay circuits, rectifiers and other accessories, photocell, photocell relay and photocell light, including all kinds of materials and labor, delivered in complete working order. Note 1 . The ranges specified for the item numbers are essential for the costing and, in the burner selection and supply, the values in the approved design shall be taken into account.		
25.280.1100	Single stage burners without heater, used in normal draft boilers: Supply and installation of the burner in the work site, of which full utilization capacity is provided by a nozzle or a spray element.		
25.280.1101	Up to 50 kW	29.459,38	3.234,38
25.280.1102	Up to 80 kW	35.021,88	3.234,38
25.280.1103	Up to 120 kW	38.759,38	3.234,38
25.280.1200	Two-stage burners without heater, used in normal draft boilers: The servo motor controlling the cut-in of the second stage and the damper for the combustion air of the second stage for two separate spray nozzles or for two separate positions of single nozzle and for the fuel required at the utilization capacity of the burner, dual or single magnetic valves controlling two stages, other features the same as item 25.280.1000.		
25.280.1201	Up to 200 kW	55.633,74	4.096,24
25.280.1202	Up to 450 kW	76.505,61	4.368,11
25.280.1203	Up to 700 kW	95.058,74	4.846,24
25.280.1204	Up to 1000 kW	114.945,60	5.333,10
25.280.1205	Up to 1300 kW	140.354,98	5.604,98
25.280.2000	BURNER, FULLY AUTOMATIC, WITH HEATER (Unit: Qty.) Manufactured in accordance with TS EN 267:2009+A1 standard, Directive (2006/42/EC) Machinery and Directive (2014/68/EU) Pressure Equipment, introduced to the market with CE marking, (with heater, pump or air compressor), fully automatic, working with Fuel Oil of 100-225 SSU viscosity at 50 °C (122°F) temperature for up to 20 kg/h capacity, 40 SFS viscosity at 50 °C (122°F) temperature for 20-60 kg/h capacity, 300 SFS viscosity at 50 °C (122°F) temperature for above 50 kg/h capacity, securely fixed to the boiler hatch or to the special metal base, dedicated body made of steel plate, aluminum or cast iron, electric motor with appropriate quality and performance on the body, air fan connected to the motor shaft and fuel pump or vane type compressor, air adjustment damper, air turbulator, high voltage transformer for the starting ignition, ignition electrodes and electrode cables, to ensure initial ignition, photocell or photo-resistance, appropriate settings for the photocell control timing and pre-purge duration specified in the Technical Specification. Types with pump: Air adjuster, burner nozzle suitable for the required consumption, magnetic or pressure type fuel shut-off valves (Solenoid), which receive the control from photocell relay according to the type of burner, electric pre-heater to control the atomization temperature to ensure that the atomization comes to a very good state by reducing the viscosity of the fuel and to deliver the fuel at the maximum capacity at least at 50 °C temperature and a thermostat to cut-out and to cut-in the pre-heater in order to control the atomization temperature, a fitting to prevent the fuel leakage out of the spray nozzles when the burner is		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	not running or the heater is on, flexible hoses to connect Fuel Oil to interconnecting piping between the heater pump and the nozzle. Types with compressors: Filtered fresh air valve, air and water intake taps, edge filter, electric heater with thermostat control and storage for heater; fuel adjustment hand valve; solenoid valve on filter circuit with hand valve, flexible hose for fuel connection. For both types: Electrical panel protected against humidity, recessed yellow, green and red signal lights on the panel for normal operation and malfunctions, recessed lights for the heater, fuses, suitable thermal and magnetic circuit breakers at amperage suitable for three-phase motors, cable connections for the panel, cabling between the burner and the electrical panel in the gas pipe in accordance with the approved design; some components on the panel may be mounted onto the burner. Single-phase or three-phase, to regulate the control in line with the technical specifications according to the appropriate settings for the photocell control timing and pre-purge duration, together with the time delay circuits, rectifiers and other accessories, photocell, photocell relay and photocell light, including all kinds of materials and labor, delivered in complete working order (price for 5 kg/h will be paid for 1 kg/h-5 kg/h). Prices for the other capacities shall be determined by interpolation (the price for the photocell and its relay shall be included in the price).		
25.280.2100	Single stage burner with heater, used in normal draft boilers: Supply and installation of the burner on working site of which total fuel utilization capacity is provided from a nozzle or a sprayer on the burner.		
25.280.2101	Up to 50 kW-100 kW	63.021,88	3.234,38
25.280.2102	Up to 140 kW	80.821,88	3.234,38
25.280.2200	Two-stage burner with heater, used in normal draft boilers: The servo motor controlling the cut-in of the second stage and the damper for the combustion air of the second stage for two separate spray nozzles or for two separate positions of single nozzle and for the fuel quantity required at the utilization capacity of the burner, dual or single magnetic valves controlling two stages, other features the same as item 25.280.2000.		
25.280.2201	150-250 kW	75.358,74	4.096,24
25.280.2202	Up to 450 kW	91.393,11	4.368,11
25.280.2203	Up to 700 kW	112.833,74	4.846,24
25.280.2204	Up to 1000 kW	118.983,10	5.333,10
25.280.2205	Up to 1300 kW	171.354,98	5.604,98
25.280.3000	GAS BURNER (NATURAL GAS-LPG), FULLY AUTOMATIC: (Unit: Qty.) Manufactured in accordance with the TS EN 676 + A2 standard, Directive 2016/426/AB Appliances Burning Gaseous Fuels, Directive 2006/42/EC on Machinery, Directive 2014/68/AB Pressure Equipment, and released to the market with CE marking, providing the necessary conditions that ensure the combustion by stirring the gas and air under pressure by way of safety elements, combustion head, turbulator, slow opening and fast closing solenoid valve, pressurestat for the min. gas pressure, with air pressurestat, processing unit, ignition electrodes and ionization electrode with the ignition transformer, air fan and motor with the cabling assembly at appropriate capacity, running and fault signal lights, sealing set, pressure regulator, II. Safety solenoid valve, min. air pressure switch and min. Supply and installation of a fully equipped gas burner on the work site to the gas pressurestat, with a flange for connection to the boiler hatch or to the metal base. Note: 1- For capacities above 1,200 kW Max. It shall have the gas pressurestat and the leakage control set. 2- In the selection and supply of the burner, the values chosen will be taken into consideration based on the capacity values in the approved design and the counter pressure of the boiler. 3- The complete set that is comprised of a ball valve, flexible element, filter and stabilizer is included in the definitions.		
25.280.3100	Single Stage Burners Supply and on-site installation of a gas burner equipped with a single-stage solenoid valve to enable full-capacity operation. Capacity		
25.280.3101	Up to 50 kW	41.834,38	3.234,38
25.280.3102	Up to 80 kW	46.046,88	3.234,38

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.280.3103	Up to 140 kW	57.834,38	3.234,38
25.280.3200	Two-Stage Burners Supply and on-site installation of a gas burner equipped with a 2-stage main solenoid valve that regulates the gas flow to deliver either 100% or 60% of the burner's full capacity. Capacity		
25.280.3201	50-90 kW	63.359,38	3.234,38
25.280.3202	Up to 200 kW	74.646,24	4.096,24
25.280.3203	Up to 350 kW	91.867,49	4.204,99
25.280.3204	Up to 550 kW	112.605,61	4.368,11
25.280.3205	Up to 700 kW	127.583,74	4.846,24
25.280.3206	Up to 1000 kW	161.083,10	5.333,10
25.280.3207	Up to 1300 kW	200.479,98	5.604,98
25.280.3300	Proportional burners (with continuous flame modulation) Supply to the work site and installation in its designated location of the gas burner with various operating ranges, temperature or pressure sensors, scale and electronic modulation panel, complete with the main solenoid valve, which provides stepless proportional gas flow between 40% and 100% of the full capacity to respond to changes in the boiler temperature or pressure at narrower (modular) intervals. Capacity		
25.280.3301	Up to 200-300 kW	122.833,74	4.096,24
25.280.3302	Up to 450 kW	129.193,11	4.368,11
25.280.3303	Up to 700 kW	146.846,24	4.846,24
25.280.3304	Up to 1,000 kW	161.958,10	5.333,10
25.280.3305	Up to 1250 kW	195.854,98	5.604,98
25.280.3306	Up to 1500 kW	253.376,85	6.251,85
25.280.3307	Up to 2000 kW	278.488,70	7.113,70
25.280.3308	Up to 2750 kW	339.997,44	7.872,44
25.280.3309	Up to 3500 kW	412.997,44	8.622,44
25.282.1000	FUEL OIL PUMPS (Unit: Qty.) Supply and installation on site of a fuel pump, excluding the power cable and control panel components, with flow rate and pressure as specified below, capable of pumping heavy oil of 220 CFT viscosity (equivalent to 600 Redwood seconds at 30 °C or 3,500 Redwood seconds at 69 °C) when driven by a 1,500 RPM motor.		
25.282.1100	3 Atmospheric pressure:		
25.282.1101	500 L/h	19.250,00	1.837,50
25.282.1102	1000 L/h	22.554,38	1.891,88
25.282.1103	2000 L/h	27.153,75	2.103,75
25.282.1104	3000 L/h	29.225,00	2.212,50
25.282.1105	4000 L/h	33.318,44	2.318,44
25.282.1106	6000 L/h	36.097,81	2.372,81
25.282.1107	10000 L/h	61.575,00	2.587,50
25.282.1200	6 Atmospheric pressure: The unit prices including installation in the item 25.282.1100 shall be raised by 20% with the installation fees remaining unchanged.		
25.282.1300	9 Atmospheric pressure: The unit prices including installation in the item 25.282.1100 shall be raised by 30% with the installation fees remaining unchanged.		
25.282.1400	15 Atmospheric pressure: The unit prices including installation in the item 25.282.1100 shall be raised by 50% with the installation fees remaining unchanged.		
25.282.2000	FUEL OIL FILTERS: (Unit: Qty.)		
25.282.2100	Single Filter:		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	After the approval of the technical datasheet, the supply and the installation of the cast steel or cast aluminum fuel filter including the air purge plug (to be mounted later on), min. 600 mesh brass filter element, connectors or flanges.		
25.282.2101	Ø15 mm (1/2")	1.225,63	313,13
25.282.2102	Ø20 mm (3/4")	1.344,38	313,13
25.282.2103	Ø25 mm (1")	1.688,13	313,13
25.282.2104	Ø32 mm (1¼")	1.806,88	313,13
25.282.2105	Ø40 mm (1½")	2.021,88	313,13
25.282.2106	Ø50 mm (2")	2.234,38	313,13
25.282.2500	Electric heater and its thermostat: (TS 5101) Supply and installation on site of an immersion-type, single-phase or three-phase electric heater, threaded or flanged, complete with an immersion thermostat adjustable up to 120 °C, a watertight electrical panel with fuses, switch and contactor of the required amperage, and NYY-type or conduit-installed insulated cables of the required cross-section between the panel, the heater and the thermostat, excluding other accessories, with the applied power not to exceed 4 W/cm² of the outer surface.		
25.282.2501	500 Watt	755,63	313,13
25.282.2502	1000 Watt	841,88	313,13
25.282.2503	1500 Watt	859,38	313,13
25.282.2504	2000 Watt	865,63	313,13
25.282.2505	3000 Watt	978,13	313,13
25.282.2506	4000 Watt	1.063,13	313,13
25.285.1000	CYLINDRICAL FUEL OIL TANKS: (Unit: Qty.)		
25.285.1100	Main fuel tank with heater: (TS 712) The supply and installation on work site of the fuel tank, manufactured in accordance with TS 712, cylindrical, dished ends, welded, in accordance with the approved design, comprising sheathed coil heater made of PN-6 grade welded steel pipe placed into the tank to heat up the fuel with hot water or steam, flanges for filling, vent, drain pipes, drain valve, level indicator, with two coats of red lead paint on the outer surface (if a basis made, it's price will be paid separately and the inner surface of the tank will be painted).		
25.285.1101	1000 L	58.588,63	7.438,63
25.285.1102	3,000 L	88.807,38	7.982,38
25.285.1103	5000 L	104.521,30	9.233,80
25.285.1104	7000 L	131.036,93	9.711,93
25.285.1105	10,000 L	167.136,79	11.136,79
25.285.1106	13,000 L	225.805,54	12.430,54
25.285.1107	16,000 L	245.149,14	14.399,14
25.285.1108	20,000 L	279.361,64	15.486,64
25.285.1109	25,000 L	381.324,14	16.574,14
25.285.1110	30,000 L	435.673,85	19.423,85
25.285.1111	40,000 L	466.511,35	20.511,35
25.285.1112	50,000 L	555.773,71	22.273,71
25.285.1113	60,000 L	622.536,06	25.536,06
25.285.1114	80,000 L	808.223,28	30.223,28
25.285.1115	100,000 L	974.822,99	35.322,99
25.285.1200	Daily fuel tank with heater: With level indicator in accordance with TS 712, other features the same as item 25.285.1100.		
25.285.1201	100 L	8.392,50	3.131,25
25.285.1202	200 L	11.241,88	3.609,38
25.285.1203	300 L	15.131,88	4.153,13
25.285.1204	400 L	17.825,00	4.425,00

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.285.1205	500 L	20.054,98	5.229,98
25.285.1206	600 L	24.401,85	5.501,85
25.285.1207	800 L	36.081,81	6.306,81
25.285.1208	1000 L	50.451,13	7.438,63
25.285.2000	Main fuel tank without heater: Manufactured without heater, other features same as item 25.285.1100, unit prices including installation in item 25.285.1100 are reduced by 10% and the installation fees are applied exactly as the same without any reduction.		
25.285.3000	Daily fuel tank without heater: Manufactured without heater, other features same as item 25.285.1200, unit prices including installation in item 25.285.1200 are reduced by 10% and the installation fees are applied exactly as the same without any reduction.		
25.285.4000	Pre-heater tank: The supply and the installation on work site of a cylindrical tank made of 2 mm thick DKP steel with barrel type upper and lower bases, outer surface painted burner painted to match the color of the burner, with air breather to remove the air, the electrical heater and thermostat of this heater, near to the connectors at the bottom of the tank for connecting the inlet and outlet pipes to the tank, the provision of the pre-heater tank having a Ø15 mm pipe inside to be taken from the upper part of the fuel tank and having a valve for drain (the price of the thermostat and the electric heater will be paid separately).		
25.285.4001	30 L	2.461,88	646,88
25.285.4002	40 L	3.130,00	776,25
25.285.4003	50 L	3.658,75	1.035,00
25.285.4004	100 L	6.808,75	1.293,75
25.288.1000	SMOKE DUCT (Unit: kg.) Production, and connection to the boiler and the flue of a smoke duct made of black sheet metal or masonry with 20% larger in section than that of the flue.		
25.288.1100	Sheet metal smoke duct: Production, coating with flame-retardant paint and installation of sheet metal ducts for the purpose specified in the item 25.288.1000 and per the relevant project, with min. 2-mm-thick round or rectangular section, equipped with cleaning caps for cleaning and maintenance. (Iron structures shall be paid per the item 15.550.1202, and other structures shall be paid per their respective items.)		
25.288.5000	STAINLESS STEEL FLUE: (Unit: m.) For metal flues: Supply to the work site, installation by the MYK Flue Installation Staff (Level 3)-certified employees of the Manufacturer or Distributor's Authorized Technical Service, inspection and award of the approval of compliance by the MYK Flue Inspection Staff (Level 4)-certified employees, of a flue manufactured as per the standards TS EN 1856-1, TS EN 1856-2, with a flue pipe, tee pieces, brackets, condensate collector, carrier base, adapter, flue cleaning cap, a second horizontal cap for cleaning where necessary, bellmouth or clamp fitting, a console, leaning and supporting parts to support horizontal and vertical parts, an earthed flue system, material description markings, and matching description tags in the CE certificate of the manufacturer and the markings on the flue, with the flue plate made of standard-compliant materials of the flue placed on a visible spot at the boiler room and the flue section and draught calculated and reported as per TS EN 13384-2+A1 or TS EN 13384-2+A1. (Unit prices for other values shall be interpolated.) Note: Flue carrier racks, carrier consoles, wire ropes, ladders, steel structures, lighting arresters and holders shall be calculated per the item 15.550.1202. Manufactured to comply with the Regulation (EU) No. 305/2011/EU Construction Products - CPR and released with a CE compliance marking, the flues shall be delivered in working order as installed with connections with all components specified in the approved project completed. The lightning rod is not included in the definition.		
25.288.5100	Single-wall, Stainless Steel Flue:		
25.288.5101	Ø140	2.010,63	646,88
25.288.5102	Ø150	2.233,75	701,25
25.288.5103	Ø160	2.373,75	701,25
25.288.5104	Ø180	2.501,88	755,63
25.288.5105	Ø200	2.811,25	810,00
25.288.5106	Ø225	3.116,88	864,38

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.288.5107	Ø250	3.353,75	918,75
25.288.5108	Ø280	3.566,25	918,75
25.288.5109	Ø300	3.936,88	973,13
25.288.5110	Ø350	4.508,13	973,13
25.288.5111	Ø400	5.113,75	1.027,50
25.288.5112	Ø450	5.668,75	1.027,50
25.288.5113	Ø500	6.620,63	1.081,88
25.288.5114	Ø600	7.546,88	1.081,88
25.288.5115	Ø700	11.085,00	1.136,25
25.288.5116	Ø800	12.424,38	1.190,63
25.288.5120	Ø 100	1.716,88	646,88
25.288.5200	Insulated Stainless Steel Flue (Embossed Aluminum Sheet External Coating) Single-wall flue with 5-cm-thick rock wool or ceramic wool insulation plated with embossed aluminum sheet, with the other specifications the same as the item 25.288.5000. If the insulation material is 3-cm-thick rock wool, unit prices in installed form under the item 25.288.5200 shall be reduced by 10% and the installation fees shall remain unchanged.		
25.288.5201	Ø140	3.003,75	960,00
25.288.5202	Ø150	3.291,88	1.014,38
25.288.5203	Ø160	3.483,13	1.014,38
25.288.5204	Ø180	3.745,00	1.068,75
25.288.5205	Ø200	4.006,88	1.123,13
25.288.5206	Ø225	4.382,50	1.177,50
25.288.5207	Ø250	4.620,63	1.231,88
25.288.5208	Ø280	4.869,38	1.231,88
25.288.5209	Ø300	5.142,50	1.286,25
25.288.5210	Ø350	5.750,00	1.286,25
25.288.5211	Ø400	6.361,88	1.340,63
25.288.5212	Ø450	6.814,38	1.340,63
25.288.5213	Ø500	7.756,25	1.395,00
25.288.5214	Ø600	8.738,75	1.395,00
25.288.5215	Ø700	12.305,63	1.449,38
25.288.5216	Ø800	14.253,75	1.503,75
25.288.5220	Ø 100	2.617,50	960,00
25.288.5300	Insulated Stainless Steel Flue (Stainless Steel External Coating) Stainless steel plating instead of aluminum sheet plating. Other specifications shall be the same as the item 25.288.5200, Diameter		
25.288.5301	Ø140	3.506,25	1.293,75
25.288.5302	Ø150	3.799,38	1.348,13
25.288.5303	Ø160	3.875,63	1.348,13
25.288.5304	Ø180	4.217,50	1.402,50
25.288.5305	Ø200	4.581,88	1.456,88
25.288.5306	Ø225	4.913,75	1.511,25
25.288.5307	Ø250	5.241,88	1.565,63
25.288.5308	Ø280	5.596,88	1.565,63
25.288.5309	Ø300	6.165,00	1.620,00
25.288.5310	Ø350	6.871,25	1.620,00
25.288.5311	Ø400	7.975,63	1.674,38
25.288.5312	Ø450	8.623,13	1.674,38

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.288.5313	Ø500	9.628,75	1.728,75
25.288.5314	Ø600	11.077,50	1.728,75
25.288.5315	Ø700	14.508,13	1.783,13
25.288.5316	Ø800	16.387,50	1.837,50
25.288.5320	Ø 100	3.007,50	1.293,75
25.288.5400	STAINLESS STEEL OFF-GAS SYSTEM (LAS) (Unit: m) Unit prices in installed form and installation fees in the item 25.288.5100 shall apply.		
25.288.5500	INSULATED CERAMIC FLUE (Unit: m) For ceramic flues: Supply to the work site, installation by the MYK Flue Installation Staff (Level 3)-certified employees of the Manufacturer or Distributor's Authorized Technical Service, inspection and award of the approval of compliance by the MYK Flue Inspection Staff (Level 4)-certified employees, of a flue manufactured as per the standards TS EN 1457-1, TS EN 13063-1, TS EN 13063-2, with a ceramic flue pipe, flue inlet pipe, a ceramic pipe with a cleaning cover, a ceramic front cover, metal cleaning cover, condensate collector, concrete base, vent grille, heat- and acid-resistant ceramic pipe glue, wedge plate rock wool made to match the section, the exterior flue block and flue cap made of lightweight concrete reinforced with steel for installation of the exterior pipe parts, material description markings on ceramic pipes, and matching description tags in the CE certificate of the manufacturer and the markings on the flue, with the flue plate made of standard-compliant materials of the flue placed on a visible spot at the boiler room and the flue section and draught calculated and reported as per TS EN 13384-1 or TS EN 13384-2. Note: Fittings between floors, ladders and other steel structure works shall be calculated per the item 15.550.1202. Manufactured to comply with the Regulation (EU) No. 305/2011 Construction Products - CPR and released with a CE compliance marking, the flues shall be delivered in working order as installed with connections with all components specified in the approved project completed. The lightning rod is not included in the definition.		
25.288.5501	Ø140	5.206,25	1.293,75
25.288.5502	Ø160	5.953,13	1.456,88
25.288.5503	Ø180	6.501,25	1.668,75
25.288.5504	Ø200	7.201,88	1.940,63
25.288.5505	Ø225	7.883,13	2.315,63
25.288.5506	Ø250	9.277,50	2.478,75
25.288.5507	Ø300	11.333,13	2.859,38
25.288.5508	Ø350	13.086,25	3.228,75
25.288.5509	Ø400	17.012,50	3.337,50
25.288.5510	UNINSULATED CERAMIC FLUE (Unit: m) For ceramic flues: Supply to the work site, installation by the MYK Flue Installation Staff (Level 3)-certified employees of the Manufacturer or Distributor's Authorized Technical Service, inspection and award of the approval of compliance by the MYK Flue Inspection Staff (Level 4)-certified employees, of a flue manufactured as per the standards TS EN 1457-1, TS EN 13063-1, with a ceramic flue pipe, flue inlet pipe, a ceramic pipe with a cleaning cover, a ceramic front cover, metal cleaning cover, condensate collector, concrete base, vent grille, heat- and acid-resistant ceramic pipe glue, heat-resistant ceramic thread or rock wool thread, the exterior flue block and flue cap made of lightweight concrete reinforced with steel for installation of the exterior pipe parts, material description markings on ceramic pipes, and matching description tags in the CE certificate of the manufacturer and the markings on the flue, with the flue plate made of standard-compliant materials of the flue placed on a visible spot at the boiler room and the flue section and draught calculated and reported as per TS EN 13384-2+A1 or TS EN 13384-1+A2. Note: Fittings between floors, ladders and other steel structure works shall be calculated per the item 15.550.1202. Manufactured to comply with the Regulation (EU) No. 305/2011 Construction Products - CPR and released with a CE compliance marking, the flues shall be delivered in working order as installed with connections with all components specified in the approved project completed. The lightning rod is not included in the definition.		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.288.5511	Ø140	4.588,75	1.293,75
25.288.5512	Ø160	5.066,88	1.456,88
25.288.5513	Ø180	5.581,25	1.668,75
25.288.5514	Ø200	5.995,63	1.940,63
25.288.5515	Ø225	6.405,00	2.043,75
25.288.5516	Ø250	8.657,50	2.478,75
25.288.5517	Ø300	11.063,13	2.859,38
25.288.5518	Ø350	13.360,00	3.228,75
25.288.5519	Ø400	18.975,00	3.337,50
25.288.5600	CERAMIC OFF-GAS SYSTEM (LAS) (Unit: m) For ceramic flues: Supply to the work site, and installation of a flue manufactured as per the standards TS EN 1457-1, TS EN 13063-1 and TS EN 13063-2+A1, which can be used as the common flue of hermetically-sealed (type C) devices with a ceramic flue pipe, combi boiler connection adapter set, a ceramic pipe with a cleaning cover, a ceramic front cover, metal cleaning cover, condensate collector, concrete base, heat- and acid-resistant ceramic pipe glue, stainless steel distance ring, the exterior flue block and flue cap made of lightweight concrete reinforced with steel for installation of the exterior pipe parts, material description markings on ceramic pipes, and matching description tags on the product bearing a CE marking of the manufacturer and the markings on the flue, with the flue plate made of standard-compliant materials of the flue placed on a visible spot at the boiler room and the flue section and draught calculated and reported as per TS EN 13384-2+A1 or TS EN TS EN 13384-1+A2. Note: Fittings between floors, ladders and other steel structure works shall be calculated per the item 15.550.1202. Manufactured to comply with the Regulation (EU) No.305/2011 Construction Products - CPR and released with a CE compliance marking, the flues shall be delivered in working order as installed with connections with all components specified in the approved project completed. The lightning rod is not included in the definition.		
25.288.5601	Ø140	5.357,50	1.293,75
25.288.5602	Ø160	5.933,13	1.456,88
25.288.5603	Ø180	6.801,25	1.668,75
25.288.5604	Ø200	7.383,13	1.940,63
25.288.5605	Ø225	8.115,63	2.315,63
25.288.5606	Ø250	9.398,75	2.478,75
25.288.5607	Ø300	14.274,38	2.859,38
25.288.5700	COMPOSITE-PRIMED FLUE: (Unit: m.) For flues: Supply to the work site, installation by MYK Flue Installation Staff (Level 3)-certified employees of the Manufacturer or Distributor's Authorized Technical Service, and inspection and award of the approval of compliance by MYK Flue Inspection Staff (Level 4)-certified employees; manufactured as per the standards TS EN 1443, TS EN 1859, TS EN 14471 and TS EN 13216-1, bearing a G marking of compliance with National Technical Approval (NTA) applicable to the flues with maximum 250 °C temperature or a CE marking for compliance with the European Technical Assessment (ETA); system made of materials that fulfill the standards applicable to the flue; flue nameplate placed on a visible spot at the boiler room; flue section and draught calculated and reported as per TS EN13384-1 or TS EN 13384-2. (Unit prices for other values shall be interpolated.) Note: To be manufactured in compliance with the Regulation (EU) No.305/2011 Construction Products - CPR and released with a CE compliance marking. The lightning rod is not included in the definition.		
25.288.5701	Ø140	3.316,25	918,75
25.288.5702	Ø150	3.636,88	973,13
25.288.5703	Ø160	3.854,38	973,13
25.288.5704	Ø180	4.116,25	1.027,50
25.288.5705	Ø200	4.509,38	1.081,88

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.288.5706	Ø225	4.757,50	1.136,25
25.288.5707	Ø250	4.898,13	1.190,63
25.288.5708	Ø280	5.296,88	1.190,63
25.288.5709	Ø300	5.752,50	1.245,00
25.288.5710	Ø350	5.963,75	1.245,00
25.288.5711	Ø400	6.388,13	1.299,38
25.288.5712	Ø450	7.139,38	1.299,38
25.288.5713	Ø500	8.706,25	1.353,75
25.288.5800	COMPOSITE FLUE OFF-GAS SYSTEM (LAS): (Unit: linear meter) Unit prices in installed form and installation fees in the item 25.288.5700 shall apply.		



REPUBLIC OF TÜRKİYE
MINISTRY OF ENVIRONMENT, URBANIZATION,
AND CLIMATE CHANGE

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JOINT INSTALLATION
UNIT PRICES AND SPECIFICATIONS

2025

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.300.1000	STEEL PIPES: The supply to the work site and installation of steel pipes in compliance with the 305/2011/EC Directive on Construction Materials and the 2014/68/EU Directive on Pressure Equipment, released to the market with CE marking, including the pipe laying, pipe connections, labor, excluding the painting in accordance with the relevant specification and project.		
25.300.1100	Welded Pipes; (Unit: m) Threaded in accordance with TS EN 10255 + A1 (material Fe.33) Nominal Size Outer diameter/wall thickness Weight without sleeve Inch mm Average kg/m		
25.300.1101	1/2" 15 21.3/2.60 1.22	151,81	102,19
25.300.1102	3/4" 20 26.9/2.60 1.57	193,75	129,38
25.300.1103	1" 25 33.7/3.20 2.43	254,69	156,56
25.300.1104	1 1/4" 32 42.4/3.20 3.13	356,56	231,56
25.300.1105	1 1/2" 40 48.3/3.20 3.60	402,50	258,75
25.300.1106	2" 50 60.3/3.60 5.10	488,44	285,94
25.300.1107	2 1/2" 65 76.1/3.60 6.54	562,19	285,94
25.300.1108	3" 80 88.9/4.00 8.53	674,38	313,13
25.300.1109	4" 100 114.3/4.50 12.50	855,31	340,31
25.300.1110	5" 125 139.7/5.00 17.10	1.070,00	367,50
25.300.1111	6" 150 165.1/5.00 20.40	1.261,56	415,31
25.300.1200	Welded black steam and boiler pipes, without threaded ends, manufactured in accordance with TS EN 10217-1, 2, 3, 4, and 5; material: Fe 33 DKP steel sheet) External diameter/ Wall thickness Weight mm. kg/m.		
25.300.1201	44.5/2.5 2.6	357,81	231,56
25.300.1202	51/3.0 3.6	433,75	258,75
25.300.1203	57/3.0 4.0	452,50	258,75
25.300.1204	60/3.0 4.5	478,75	258,75
25.300.1205	70/3.0 4.95	498,75	258,75
25.300.1206	76/3.2 5.45	550,94	285,94
25.300.1207	83/3.2 6.46	598,44	285,94
25.300.1208	89/3.6 6.85	618,44	285,94
25.300.1209	102/3.75 9.1	753,13	313,13
25.300.1210	108/3.5 9.7	809,06	340,31
25.300.1211	114/3.75 10.2	834,06	340,31
25.300.1212	127/4.0 12.2	930,31	340,31
25.300.1213	133/4.0 12.7	954,06	340,31
25.300.1214	140/4.0 13.5	1.020,00	367,50
25.300.1215	159/4.5 17.2	1.198,75	367,50
25.300.1300	Straight-Spiral Welded Pipes: (S235jr (St37) quality) (TS EN 10217-1) Nominal Size Outer diameter/wall thickness Weight inch mm/mm kg/m		
25.300.1301	8" 219.1x4.5 23.8	1.357,50	367,50
25.300.1302	8" 219.1x5.0 26.4	1.467,50	367,50
25.300.1303	8" 219.1x5.6 29.5	1.596,25	367,50
25.300.1304	8" 219.1x6.3 33.1	1.746,25	367,50
25.300.1305	8" 219.1x7.1 37.1	1.912,50	367,50
25.300.1306	10" 273.0x4.5 29.8	1.738,13	496,88
25.300.1307	10" 273.0x5.0 33.0	1.873,13	496,88

Item No	Job Type			UP+Instal.	Instal. Cost (TRY)
25.300.1308	10"	273.0x5.6	36.9	2.031,88	496,88
25.300.1309	10"	273.0x6.3	41.4	2.220,63	496,88
25.300.1310	10"	273.0x7.1	46.6	2.436,88	496,88
25.300.1311	12"	323.9x4.5	35.4	2.026,25	551,25
25.300.1312	12"	323.9x5.0	39.3	2.188,75	551,25
25.300.1313	12"	323.9x5.6	44.0	2.383,75	551,25
25.300.1314	12"	323.9x6.3	49.3	2.603,75	551,25
25.300.1315	12"	323.9x7.1	55.5	2.861,25	551,25
25.300.1316	14"	355.6x4.5	39.0	2.278,44	653,44
25.300.1317	14"	355.6x5.0	43.2	2.452,19	653,44
25.300.1318	14"	355.6x5.6	48.3	2.663,44	653,44
25.300.1319	14"	355.6x6.3	54.3	2.914,69	653,44
25.300.1320	14"	355.6x7.1	61.0	3.193,44	653,44
25.300.1321	14"	355.6x8.0	68.6	3.508,44	653,44
25.300.1322	16"	406.4x4.5	44.6	2.591,25	735,00
25.300.1323	16"	406.4x5.0	49.5	2.795,00	735,00
25.300.1324	16"	406.4x5.6	55.3	3.036,25	735,00
25.300.1325	16"	406.4x6.3	62.2	3.325,00	735,00
25.300.1326	16"	406.4x7.1	69.9	3.645,00	735,00
25.300.1327	16"	406.4x8.0	78.6	4.005,00	735,00
25.300.1328	18"	457.2x4.5	50.2	2.900,00	810,00
25.300.1329	18"	457.2x5.0	55.8	3.132,50	810,00
25.300.1330	18"	457.2x5.6	62.3	3.402,50	810,00
25.300.1331	18"	457.2x6.3	70.0	3.723,75	810,00
25.300.1332	18"	457.2x7.1	78.8	4.087,50	810,00
25.300.1333	18"	457.2x8.0	88.6	4.496,25	810,00
25.300.1334	20"	508.0x4.5	55.9	3.246,25	918,75
25.300.1335	20"	508.0x5.0	62.0	3.498,75	918,75
25.300.1336	20"	508.0x5.6	69.4	3.806,25	918,75
25.300.1337	20"	508.0x6.3	77.9	4.161,25	918,75
25.300.1338	20"	508.0x7.1	87.7	4.567,50	918,75
25.300.1339	20"	508.0x8.0	98.6	5.020,00	918,75
25.300.1340	22"	558.8x5.0	68.3	3.863,44	1.020,94
25.300.1341	22"	558.8x5.6	76.4	4.199,69	1.020,94
25.300.1342	22"	558.8x6.3	85.9	4.595,94	1.020,94
25.300.1343	22"	558.8x7.1	96.6	5.039,69	1.020,94
25.300.1344	22"	558.8x8.0	109.0	5.555,94	1.020,94
25.300.1345	24"	609.6x5.0	74.6	4.179,06	1.075,31
25.300.1346	24"	609.6x5.6	83.5	4.550,31	1.075,31
25.300.1347	24"	609.6x6.3	93.8	4.979,06	1.075,31
25.300.1348	24"	609.6x7.1	106.0	5.485,31	1.075,31
25.300.1349	24"	609.6x8.0	119.0	6.025,31	1.075,31
25.300.1350	26"	660.4x5.6	90.4	4.938,75	1.177,50
25.300.1351	26"	660.4x6.3	102.0	5.421,25	1.177,50
25.300.1352	26"	660.4x7.1	115.0	5.962,50	1.177,50
25.300.1353	26"	660.4x8.0	129.0	6.545,00	1.177,50
25.300.1354	28"	711.2x6.3	109.0	5.821,25	1.286,25

Item No	Job Type			UP+Instal.	Instal. Cost (TRY)
25.300.1355	28"	711.2x7.1	123.0	6.403,75	1.286,25
25.300.1356	28"	711.2x8.0	139.0	7.068,75	1.286,25
25.300.1357	30"	762.0x6.3	117.0	6.255,94	1.388,44
25.300.1358	30"	762.0x7.1	132.0	6.880,94	1.388,44
25.300.1359	30"	762.0x8.0	149.0	7.587,19	1.388,44
25.300.1360	32"	812.8x7.1	141.0	7.307,81	1.442,81
25.300.1361	32"	812.8x8.0	159.0	8.056,56	1.442,81
25.300.1362	34"	863.6x7.1	150.0	7.785,00	1.545,00
25.300.1363	34"	863.6x8.0	169.0	8.575,00	1.545,00
25.300.1364	34"	863.6x8.8	186.0	9.282,50	1.545,00
25.300.1365	36"	914.4x7.1	159.0	8.267,50	1.653,75
25.300.1366	36"	914.4x8.0	179.0	9.100,00	1.653,75
25.300.1367	36"	914.4x10.0	196.0	9.806,25	1.653,75
25.300.1368	40"	1.016.0x7.1	177.0	9.172,81	1.810,31
25.300.1369	40"	1.016.0x8.0	199.0	10.087,81	1.810,31
25.300.1370	40"	1.016.0x10.0	248.0	12.125,31	1.810,31
25.300.1400	Welded Galvanized Pipes; in accordance with TS EN 10255 + A1, material Fe 33-2: (Unit: m)				
	Nominal Size Inch	Ø	Average outer diameter/Wall thickness mm/mm		
25.300.1401	1/2"	15	21.3/2.65	170,94	102,19
25.300.1402	3/4"	20	26.9/2.65	214,38	129,38
25.300.1403	1"	25	33.7/3.25	287,81	156,56
25.300.1404	1 1/4"	32	42.4/3.25	400,31	231,56
25.300.1405	1 1/2"	40	48.3/3.25	452,50	258,75
25.300.1406	2"	50	60.3/3.65	562,19	285,94
25.300.1407	2 1/2"	65	76.1/3.65	637,19	285,94
25.300.1408	3"	80	88.9/4.05	773,13	313,13
25.300.1409	4"	100	114.3/4.5	1.012,81	340,31
25.300.1410	5"	125	139.7/5.0	1.285,00	367,50
25.300.1411	6"	150	165.1/5.0	1.510,31	415,31
25.300.1500	Weldless Pipes (welded drawn steel); (Unit: m) (in compliance with TS EN 10216-1 and S235jr (St37) quality)				
	External diameter / wall thickness mm				
25.300.1501	10.2/1.6			118,81	64,69
25.300.1502	13.5/1.8			150,94	64,69
25.300.1503	16.0/1.8			172,19	64,69
25.300.1504	17.2/1.8			229,69	102,19
25.300.1505	20.0/2.0			261,88	129,38
25.300.1506	21.3/2.0			263,13	129,38
25.300.1507	25.0/2.0			283,13	129,38
25.300.1508	26.9/2.3			285,63	129,38
25.300.1509	30.0/2.6			329,06	156,56
25.300.1510	31.8/2.6			334,06	156,56
25.300.1511	33.7/2.6			341,56	156,56
25.300.1512	38.0/2.6			349,06	156,56
25.300.1513	42.4/2.6			381,25	183,75
25.300.1514	44.5/2.6			401,25	183,75
25.300.1515	48.3/2.6			412,50	183,75

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.300.1516	57.0/2.9	491,25	183,75
25.300.1517	60.3/2.9	556,56	231,56
25.300.1518	63.5/2.9	586,56	231,56
25.300.1519	70.0/2.9	625,31	231,56
25.300.1520	76.1/2.9	641,56	231,56
25.300.1521	82.5/3.2	710,31	231,56
25.300.1522	88.9/3.2	768,44	285,94
25.300.1523	101.6/3.6	944,69	285,94
25.300.1524	108.0/3.6	994,69	285,94
25.300.1525	114.3/3.6	1.056,56	340,31
25.300.1526	121.0/4.0	1.154,06	340,31
25.300.1527	127.0/4.0	1.222,81	340,31
25.300.1528	133.0/4.0	1.276,56	340,31
25.300.1529	139.7/4.0	1.374,06	415,31
25.300.1530	159.0/4.5	1.631,56	415,31
25.300.1531	165.1/4.5	1.666,25	442,50
25.300.1532	177.8/5.0	2.010,00	442,50
25.300.1533	219.1/6.0	2.891,88	496,88
25.300.1534	244.5/6.3	2.911,88	496,88
25.300.1535	273.0/6.3	2.930,63	496,88
25.300.1536	323.9/7.1	3.971,25	626,25
25.300.1537	368.0/8.0	5.227,50	626,25
25.300.1538	406.4/8.8	5.897,81	707,81
25.300.1539	419.0/10.8	6.290,31	707,81
25.300.1540	457.2/10.0	7.045,00	810,00
25.300.1600	STEEL PIPES: (For natural gas industry steel pipelines) (Unit: m) Supply to the work site and installation of steel natural gas pipes made of Gr-A material for the pipes smaller than Ø 114.3/6.0 mm and Gr-B material for the pipes larger than Ø 114.3/6.0 mm manufactured in accordance with the 2014/68/EU Pressure Equipment Directive and TS EN ISO 3183; 2012; 2013, and released with a CE marking, including any material and labor for installation as per the relevant specifications and project design and making their connections, excluding the prices of fittings, red primer and paint. (Pipe installation material costs shall be paid on item numbers 25.300.2100 and 25.300.2200) External diameter / wall thickness (mm)		
25.300.1601	21.3/2.8	164,69	102,19
25.300.1602	26.7/2.9	216,88	129,38
25.300.1603	33.4/3.4	282,81	156,56
25.300.1604	42.2/3.6	396,56	231,56
25.300.1605	48.3/3.7	452,50	258,75
25.300.1606	60.3/3.9	542,19	285,94
25.300.1607	76.0/5.2	679,69	285,94
25.300.1608	88.9/5.5	863,13	313,13
25.300.1609	114.3/6.0	1.115,31	340,31
25.300.1610	141.0/6.0	1.423,75	367,50
25.300.1611	168.3/7.1	1.777,81	415,31
25.300.1612	219.1/8.2	2.440,31	415,31
25.300.1613	273.0/9.3	3.336,25	442,50
25.300.1614	323.9/9.5	4.050,94	469,69
25.300.1700	NATURAL GAS PIPES COATED WITH POLYETHYLENE: (Unit: m) The supply to the work site and on-site installation of TS EN ISO 3183:2013-compliant		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	natural gas pipes coated with polyethylene by using the TS 5139 and DIN 30670-compliant extrusion method, the laying of the pipes in accordance with the related specification and project including every kind of material used for making connections and the labor with fittings and fasteners. (Pipe installation material costs shall be paid on item numbers 25.300.2100 and 25.300.2200) External Diameter (mm)		
25.300.1701	21.3	245,94	102,19
25.300.1702	26.9	310,63	129,38
25.300.1703	33.7	387,81	156,56
25.300.1704	42.4	519,06	231,56
25.300.1705	48.3	602,50	258,75
25.300.1706	60.3	729,69	285,94
25.300.1707	76.1	935,94	285,94
25.300.1708	88.9	1.094,38	313,13
25.300.1709	114.3	1.477,81	340,31
25.300.1710	139.7	1.930,00	367,50
25.300.1711	168.3	2.421,56	415,31
25.300.1712	219.1	3.405,00	442,50
25.300.1713	273.0	4.844,69	469,69
25.300.2100	The price of pipe installation material installed threaded inside the building; (Unit: %) Pipe installation material for fixing the pipes defined as per item 25.300.1100 and 25.300.1700 (included), with all the fittings and piping components by using threaded connections, including the hanger material.	% 30	
25.300.2200	The price of pipe installation material installed welded inside the building; (Unit: %) Pipe installation material for fixing the pipes defined as per item 25.300.1100 and 25.300.1700 (included), with all the fittings and piping components by using welded connections, including the hanger material.	% 25	
25.300.2300	The price of pipe installation material installed with flanges inside the building; (Unit: %) Pipe installation material for fixing the pipes defined as per item 25.300.1100 and 25.300.1500 (included), with all the fittings and piping components by using flanged connections, including the hanger material.	% 40	
25.300.2400	The price of pipe installation material installed in the ducts outside the building; (Unit: %) Pipe installation material for fixing the pipes defined as per item 25.300.1100 and 25.300.1500 (included) in the ducts outside the building, threaded or welded, including all the fittings, piping components and hanger material (excluding the consoles and support material).	% 15	
25.300.2500	The price of the pipe installation material with flanges installed in the ducts outside the building; (Unit: %) Pipe installation material for fixing the pipes defined as per item 25.300.1100 and 25.300.1500 (included) in the ducts outside the building, flanged, including all the fittings, piping components and hanger materials (excluding the consoles and support material). (Except consoles and carrier materials)	% 25	
25.305.1000	PLASTIC PIPES: (Unit: m)		
25.305.1100	Rigid PVC Plastic Drinkable Water Pipes (slip-on or stick-on bellmouth type); (Unit: m) Supply to the work site of rigid PVC plastic drinkable water pipe in accordance with TS EN ISO 1452-1,2 installation in its designated location as plug-in or glue muff. External Diameter Pressure Ø mm Atmosphere		
25.305.1101	20 10	37,29	19,41
25.305.1102	25 10	48,63	25,88
25.305.1103	32 10	69,94	38,81
25.305.1104	40 10	97,38	51,75
25.305.1105	50 6	101,75	51,75
25.305.1106	50 10	124,25	51,75

Item No	Job Type		UP+Instal.	Instal. Cost (TRY)
25.305.1107	63	6	135,73	58,23
25.305.1108	63	10	170,73	58,23
25.305.1109	75	6	171,56	64,69
25.305.1110	75	10	225,94	64,69
25.305.1111	90	6	225,94	72,19
25.305.1112	90	10	302,19	72,19
25.305.1113	110	6	261,38	77,63
25.305.1114	110	10	356,38	77,63
25.305.1115	125	6	317,63	77,63
25.305.1116	125	10	436,38	77,63
25.305.1117	140	6	391,81	90,56
25.305.1118	140	10	543,06	90,56
25.305.1119	160	6	480,56	90,56
25.305.1120	160	10	684,31	90,56
25.305.1121	200	6	695,56	98,06
25.305.1122	200	10	1.016,81	98,06
25.305.1123	225	6	866,44	108,94
25.305.1124	225	10	1.263,94	108,94
25.305.1125	250	6	1.079,38	129,38
25.305.1126	250	10	1.563,13	129,38
25.305.1127	280	6	1.308,13	129,38
25.305.1128	280	10	1.921,88	129,38
25.305.1129	315	6	1.618,56	134,81
25.305.1130	315	10	2.424,81	134,81
25.305.1131	355	6	2.033,56	142,31
25.305.1132	355	10	3.041,06	142,31
25.305.1133	400	6	2.574,44	175,69
25.305.1200	Slip-on or stick-on bellmouth pipe installation material cost: (Unit: %)			
	The cost of the fittings, adhesives and joints for the installation of rigid PVC slip-on or stick-on bellmouth plastic drinkable water pipes shall be taken as the following percentages of the installed pipe cost:			
25.305.1201	In case of indoor installation (Unit: %)		% 25	
25.305.1202	In case of outdoor installation inside of the ducts (Unit: %)		% 20	
25.305.1203	In case of outdoor installation laying into the ground (Unit: %)		% 15	
25.305.2000	Polypropylene Clean Water Pipes (TS EN ISO 15874-1, 2, 3, 5, 7) (Size: m)			
	Polypropylene (PPR-C) in accordance with the TS EN ISO 15874-2, certified by the Ministry of Health for use as drinkable water pipes, their supply in work site, cutting in accordance with the project physio thermal welding with the fittings at a temperature of 260 °C by squeezing. (Including all kinds of materials and labor for welding) The cost of installation materials shall be paid separately.			
25.305.2100	PN 20 Polypropylene Pipes; (Unit: m)			
	Nominal Size inch	Outer diameter / Wall thickness Inches (Ø/ mm)		
25.305.2101	1/2"	20/3.4	55,88	33,38
25.305.2102	3/4"	25/4.2	90,06	53,81
25.305.2103	1"	32/5.4	113,38	59,25
25.305.2104	1¼"	40/6.7	153,44	64,69
25.305.2105	1½"	50/8.4	208,88	70,13
25.305.2106	2"	63/10.5	296,81	75,56
25.305.2107	2½"	75/12.5	406,00	81,00

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.305.2108	3" 90/15.0	581,44	86,44
25.305.2109	4" 110/18.4	830,19	93,94
25.305.2110	5" 125/20.9	1.212,69	101,44
25.305.3000	Aluminum Foil (with oxygen barrier) Composite PP-RC Pipes; (Unit: m) PP-RC pipes in accordance with (TS EN ISO 15874-1, 2, 3, 5, 7), TS 9937, polypropylene (PPR-C), Type 3, suitable for use in hot and cold water systems, three layers of polypropylene (inner and outer layers PP, middle layer Aluminum folio), the middle layer (Aluminum) at least 150 microns, the wall thickness of the outer layer at least 0.5 mm, their supply in work site, cutting in accordance with the project physio thermal welding with the fittings at a temperature of 260 °C by squeezing. (Including all kinds of materials and labor for welding) The cost of installation materials shall be paid separately.		
25.305.3100	PN 20 Aluminum Foil Polypropylene Pipes; (Unit: m) Nominal Size Outer diameter / Wall thickness Inches (Ø/mm)		
25.305.3101	1/2" 20/2.8	63,63	33,38
25.305.3102	3/4" 25/3.5	96,06	53,81
25.305.3103	1" 32/4.4	132,38	59,25
25.305.3104	1¼" 40/5.5	177,81	64,69
25.305.3105	1½" 50/6.9	241,38	70,13
25.305.3106	2" 63/8.6	345,56	75,56
25.305.3107	2½" 75/10.3	476,00	81,00
25.305.3108	3" 90/12.3	690,19	86,44
25.305.3109	4" 110/15.1	886,44	93,94
25.305.4000	Glass Fiber Reinforced Composite PP-RC Pipes; (Unit: m) PPR-C pipes in accordance with TS 13715, polypropylene (PPR-C), Type 3, suitable for use in hot and cold water systems, three layers of polypropylene (inner and outer layers PP, middle layer glass fiber reinforced PP), their supply in work site, cutting in accordance with the project, physio thermal welding with the fittings at a temperature of 260 °C by squeezing. (Including all kinds of materials and labor for welding) The cost of installation materials shall be paid separately.		
25.305.4100	PN 20 Glass Fiber Reinforced Polypropylene Pipes; (Unit: m) Nominal Size Outer diameter / Wall thickness Inches (Ø/mm)		
25.305.4101	1/2" 20/2.8	61,38	33,38
25.305.4102	3/4" 25/3.5	92,81	53,81
25.305.4103	1" 32/4.4	125,50	59,25
25.305.4104	1¼" 40/5.5	172,81	64,69
25.305.4105	1½" 50/6.9	237,63	70,13
25.305.4106	2" 63/8.6	341,81	75,56
25.305.4107	2½" 75/10.3	486,00	81,00
25.305.4108	3" 90/12.3	695,19	86,44
25.305.4109	4" 110/15.1	1.006,44	93,94
25.305.5000	The price of pipe installation material installed with physio thermal welding inside the building; (Unit: %) The price of polypropylene fittings for pipes specified in items 25.305.2100, 25.305.3100 and 25.305.4100, used in indoor installations, including fittings joined by fusion welding or connected to valves, unions, taps, etc.; such fittings shall include bends, sockets, tee crosses, reducers, caps, and inegal tees manufactured from polypropylene PPR-C Type 3, with one end for welded (PP) connection and the other end threaded (brass). The price shall also cover all types of fixing materials such as plastic and metal clamps, hangers, and sleeves, calculated as a percentage of the installed pipe cost. Note: (It shall be documented by the Ministry of Health that there is no harm in the use for drinkable water.)	% 45	
25.305.5100	The price of pipe installation material installed in the ducts outside the building; (Unit: %) In case pipes of items 25.305.2100, 25.305.3100 and 25.305.4100 used in ducts outside the buildings are connected to each other with physio thermal welding or with screw, provided that the other features are	% 18	

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	the same as in item 25.305.5000, the percentage of the installed polypropylene pipe cost		
25.305.5200	The price of pipe installation material installed into the ground outside the building; (Unit: %) In case pipes of items 25.305.2100, 25.305.3100 and 25.305.4100 laid on the ground in ducts outside the buildings are connected to each other with physio thermal welding or with screw, provided that the other features are the same as in item 25.305.5000, the percentage of the installed polypropylene pipe cost	% 18	
25.305.6100	Rigid PVC Plastic Drain Pipes (slip-on or stick-on bellmouth) (TS EN 1329-1); (Unit: m) Supply to the work site of rigid PVC plastic drain pipes in accordance with TS 1329-1, installation in its designated location as slip-on or stick-on bellmouth. External diameter Wall thickness Ø mm mm		
25.305.6101	40 - 50 3.0	121,00	43,50
25.305.6102	70 - 75 3.0	153,13	54,38
25.305.6103	100 - 110 3.0	200,25	85,88
25.305.6104	125 3.2	238,38	85,88
25.305.6105	150 - 160 3.2	415,50	96,75
25.305.6106	160 3.8	456,75	96,75
25.305.6107	200 3.9	608,44	102,19
25.305.6108	200 4.9	663,44	102,19
25.305.6109	250 4.9	918,13	129,38
25.305.6200	Polypropylene Plastic Drain Pipes (with slip-on bellmouth) (in accordance with TS EN 1451-1) (Unit: m) External diameter Wall thickness (mm) (mm)		
25.305.6201	Ø50 1.8	78,69	27,19
25.305.6202	Ø70 1.9	124,38	41,88
25.305.6203	Ø100 2.7	208,94	48,94
25.305.6204	Ø125 3.1	268,13	54,38
25.305.6205	Ø150 3.9	415,69	70,69
25.305.6300	SOUND INSULATED PLASTIC DRAIN PIPES (Unit: m) The supply to the work site and installation of three-layer polypropylene pipes (inner and outer layers PP, middle layer mineral PP added) for indoor, when tested in accordance with TS EN 14366 or DIN 4109, the sound permeability max. 24 dB at 4 (L/sec) flow, when non-flammable class tested in accordance with TS EN 13501-1+A1, the flammability at least normal. Outer Diameter (mm) min. Wall Thickness (mm)		
25.305.6301	Ø50 2.0	128,50	43,50
25.305.6302	Ø70 2.4	162,50	54,38
25.305.6303	Ø110 3.2	244,31	75,56
25.305.6304	Ø125 3.2	319,63	85,88
25.305.6305	Ø160 4.0	421,75	96,75
25.305.6306	Ø200 4.5	573,44	102,19
25.305.6600	The installation material price for PVC, sound-insulated, polypropylene plastic drain pipes (with slip-on bellmouth); (Unit: %) The cost of the all fittings for the installation of PVC, sound-proof, polypropylene plastic drain pipes, the addition of cap, fixing material and gasket, etc. as the percentage of the installed pipe cost	% 35	
25.305.6700	Centrifugal Cast-iron Drain Pipes (Unit: m) Supply, delivery to site, and installation of cast iron pipes and fittings in compliance with the Construction Products Regulation (305/2011/EU) and TS EN 877, manufactured by centrifugal casting from material of approximately 7.2 kg/dm ³ density in accordance with TS EN 1561; fittings phosphated by cataphoresis electro-immersion (KTL) or dip-coated and oven-cured at 180 °C; pipes with inner surfaces coated with 130 µm two-component epoxy, outer surfaces coated with 40 µm acrylic; non-combustible in accordance with TS EN 13501-1+A1; sound-insulated in accordance with DIN 4109; installed as per project design with clamp connections using EPDM gaskets in compliance with TS EN 681-1.		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.305.6701	DN50	1.277,50	367,50
25.305.6702	DN70	1.615,00	626,25
25.305.6703	DN80	1.758,75	735,00
25.305.6704	DN100	2.173,75	993,75
25.305.6705	DN125	2.693,75	1.102,50
25.305.6706	DN150	3.452,50	1.361,25
25.305.6707	DN200	5.948,75	1.545,00
25.305.6708	DN250	7.456,25	1.653,75
25.305.6709	DN300	8.811,25	1.837,50
25.305.6800	Cast iron drain pipe installation material cost (Unit:%) For the installation of the cast iron drain pipes in item 25.305.6700, the price of all fittings, fixings, flanges and gaskets used in the installation as the percentage of the installed pipe cost (Unit: percent):	% 50	
25.305.7000	POLYETHYLENE PIPES; (Unit: m): The supply to the work site and installation of polyethylene pipes in accordance with TS EN 12201-2+A1.		
25.305.7100	PE100 Class SDR 17 series PN 10 polyethylene pipes; (Unit: m)		
25.305.7101	32	34,00	18,38
25.305.7102	40	46,51	22,14
25.305.7103	50	62,35	24,85
25.305.7104	63	86,95	27,58
25.305.7105	75	113,00	29,25
25.305.7106	90	148,00	29,25
25.305.7107	110	215,94	34,69
25.305.7200	PE-RT (Polyethylene with Increased Temperature Resistance) PIPES: (Unit: m) The supply to the work site and the installation of then pipes in compliance with the Standard TS EN ISO 22391-2, class A size, suitable for application grades 4 and 5, in continuous operation at 70 °C, maximum 95 °C, with a design pressure of 6 bar, made of type 2 PE-RT raw material.		
25.305.7201	PE-RT Pipe 16 x 2.0 mm (without oxygen barrier)	36,91	15,66
25.305.7202	PE-RT Pipe 16 x 2.0 mm (with oxygen barrier)	41,16	15,66
25.305.8000	PEX PIPES (Crosslinked Polyethylene): (Unit: m) The supply to the work site and installation of the crosslinked polyethylene pipes in compliance with the Standard ISO 15875-2 (TS 10762-2 ISO 15875-2) and DIN 16892-93 by indicating the series, class, pressure and temperature, the method of production, the symbols a, b, c and the crosslink ratio, in accordance with the design following the completion of the required tests.		
25.305.8100	PE-Xa Pipes (6 bar): The supply to the work site and installation of the PE-Xa pipes, ISO A Series 5; for application classes 4 and 5; operating at maximum 95 °C, 6 bar operating pressure, with a minimum cross-linking ratio of 70%, with peroxide additives; The necessary tests of polyethylene (PE-Xa) pipes with oxygen barrier (EVOH) in accordance with DIN 4726 and with the design. Nominal Outer Diameter (Ø mm)		
25.305.8101	PE-Xa Pipe with Oxygen barrier, 16 x 2.0 mm	58,04	15,66
25.305.8102	PE-Xa Pipe with Oxygen barrier, 17 x 2.0 mm	61,16	15,66
25.305.8103	PE-Xa Pipe with Oxygen barrier, 20 x 2.0 mm	68,91	15,66
25.305.8104	PE-Xa Pipe with Oxygen barrier, 25x2.3 mm	104,41	15,66
25.305.8105	PE-Xa Pipe with Oxygen barrier, 32x2.9 mm	174,63	18,38
25.305.8106	PE-Xa Pipe with Oxygen barrier, 40x3.7 mm	194,63	18,38
25.305.8107	PE-Xa Pipe with Oxygen barrier, 50x4.6 mm	263,38	18,38
25.305.8108	PE-Xa Pipe with Oxygen barrier, 63x5.8 mm	368,38	18,38
25.305.8200	PE-Xa Pipes (10 bar): The supply to the work site and installation site of the PE-Xa pipes, ISO A Series 2; for application classes 1, 2, 4 and 5; operating at maximum 95 °C, 10 bar operating pressure, with a minimum cross-linking ratio of 70%, with peroxide additives; The necessary tests of polyethylene (PE-Xa) pipes with oxygen barrier (EVOH) in accordance with DIN 4726 and		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	with the design. Nominal Outer Diameter (Ø mm)		
25.305.8201	PE-Xa Pipe with Oxygen barrier, 16x2.2 mm	68,66	15,66
25.305.8202	PE-Xa Pipe with Oxygen barrier, 20x2.8 mm	120,66	15,66
25.305.8203	PE-Xa Pipe with Oxygen barrier, 25x3.5 mm	213,16	15,66
25.305.8204	PE-Xa Pipe with Oxygen barrier, 32x4.4 mm	359,63	18,38
25.305.8205	PE-Xa Pipe with Oxygen barrier, 40x5.5 mm	519,63	18,38
25.305.8206	PE-Xa Pipe with Oxygen barrier, 50x6.9 mm	755,88	18,38
25.305.8300	Al foil layer metal-polymer composite Pe-Xa pipes: The supply to the work site and installation of metal-polymer composite polyethylene (Pe-Xa) pipes crosslinked under high pressure in accordance with the standard TS EN ISO 21003 and TS EN ISO 15875 with a cross-link ratio of minimum 70%, operating at maximum 90 °C temperature and at maximum 10 bar pressure, Al foil layered (plastic Al plastic from the inside out). Nominal Outer Diameter (Ø mm)		
25.305.8301	16.2 x 2.6 mm	71,29	15,66
25.305.8302	20 x 2.9 mm	92,54	15,66
25.305.8303	25 x 3.7 mm	158,16	15,66
25.305.8304	32 x 4.7 mm	210,88	18,38
25.305.8305	40 x 6.0 mm	315,88	18,38
25.305.8400	PE-Xb PIPES: (Unit: m) The supply to the work site and installation of the PE-Xa pipes, ISO A Series 5; for application classes 4; operating at maximum 95 C temperature and 6 bar pressure, with silane additive, produced with cross-linking method, having a cross-linking ratio of 65% in accordance with the design. Nominal Outer Diameter (Ø mm)		
25.305.8401	PE-Xb Pipe with Oxygen barrier, 16 x 2.0 mm	43,91	15,66
25.305.8402	PE-Xb Pipe with Oxygen barrier, 20 x 2.0 mm	55,79	15,66
25.305.8403	PE-Xb Pipe with Oxygen barrier, 25 x 2.3 mm	72,66	15,66
25.305.8404	PE-Xb Pipe without Oxygen barrier, 16x2.0 mm	40,16	15,66
25.305.8405	PE-Xb Pipe without Oxygen barrier, 20x2.0 mm	46,91	15,66
25.305.8406	PE-Xb Pipe without Oxygen barrier, 25x2.3 mm	60,29	15,66
25.305.8500	The supply to the work site and installation of spiral protective sheath used for PE-Xa, PE-Xb and PE-RT pipes at diameters Ø16- Ø17. (Unit: m)	13,13	4,69
25.305.9000	Polyethylene, PE-RT, PE-Xa, PE-Xb pipe installation material cost: (Unit: %) Payment for all fasteners, retainers, all flanges and seals required for installation.		
25.305.9001	Indoor; (Unit: %)	% 25	
25.305.9002	Outdoor installation inside of the ducts; (Unit: %)	% 20	
25.305.9003	Outdoor installation laying into the ground; (Unit: %)	% 10	
25.307.1000	PRE-INSULATED PIPES (Unit: m)		
25.307.1100	Pre Insulated Steel Pipes; (Unit: m) The supply to the work site and installation of pre-insulated pipes manufactured in compliance with TS EN 253+A2, with polyurethane thermal insulation, high density polyethylene (HDPE) outer jacket, steel carrying pipe which can be used for hot water lines, for installation as per TS EN 13941+A1 (including labor, excluding fittings and fixings) Carrier pipe nominal size Enclosure outer diameter inch Ø mm		
25.307.1101	1/2" 75	518,13	129,38
25.307.1102	3/4" 90	580,31	156,56
25.307.1103	1" 90	675,31	194,06
25.307.1104	1¼" 110	855,00	258,75
25.307.1105	1½" 110	902,19	285,94
25.307.1106	2" 125	1.076,88	313,13

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.307.1107	2½" 140	1.230,94	323,44
25.307.1108	3" 160	1.470,94	360,94
25.307.1109	4" 200	1.916,88	388,13
25.307.1110	5" 225	2.241,56	415,31
25.307.1111	6" 250	2.728,75	442,50
25.307.1112	8" 315	3.964,06	452,81
25.307.1113	10" 400	5.480,00	480,00
25.307.1114	12" 450	6.777,50	517,50
25.307.1200	Pre Insulated Galvanized Pipes; (Unit: m) Supply to the work site and installation of pre-insulated pipes in compliance with TS EN 10255+A1 with threaded sleeves and galvanized carrier pipes and with other specifications similar to those of the item 25.307.1100. Carrier pipe nominal size Enclosure outer diameter inch Ø mm		
25.307.1201	1/2" 75	525,63	129,38
25.307.1202	3/4" 90	622,81	156,56
25.307.1203	1" 90	755,31	194,06
25.307.1204	1¼" 110	990,00	258,75
25.307.1205	1½" 110	1.077,19	285,94
25.307.1206	2" 125	1.346,88	313,13
25.307.1207	2½" 140	1.582,19	323,44
25.307.1208	3" 160	1.937,19	360,94
25.307.1209	4" 200	2.591,88	388,13
25.307.1210	5" 225	3.267,81	415,31
25.307.1211	6" 250	3.825,00	442,50
25.307.1300	Pre-insulated PPR-C Pipes; (Unit: m) The supply to the work site and installation of pre-insulated pipes manufactured in compliance with TS EN 253+A2, with polyurethane thermal insulation, high density polyethylene (HDPE) outer jacket, PPR-C carrying pipe in PN 20 pressure class and in compliance with ISO 15874 which can be buried beneath the ground and (including labor, excluding fittings and fixings) Carrier pipe nominal size Enclosure outer diameter Ø mm Ø mm		
25.307.1301	Ø20 75	394,38	129,38
25.307.1302	Ø25 90	436,25	145,00
25.307.1303	Ø32 90	513,44	177,19
25.307.1304	Ø40 110	738,13	240,63
25.307.1305	Ø50 110	853,75	256,25
25.307.1306	Ø63 125	1.133,44	289,69
25.307.1307	Ø75 140	1.468,13	315,63
25.307.1308	Ø90 160	1.998,44	364,69
25.307.1309	Ø110 200	2.579,06	380,31
25.307.1310	Ø125 225	3.280,00	406,25
25.307.1400	Pre-insulated Glass Fiber Reinforced Composite PPR-C Pipes; (Unit: m) The supply to the work site and installation of pre-insulated pipes manufactured in compliance with TS EN 253+A2, with polyurethane thermal insulation, high density polyethylene (HDPE) outer jacket, PPR-C carrying pipe in PN 20 pressure class and in compliance with TS 13715 which can be buried beneath the ground and (including labor, excluding fittings and fixings) Carrier pipe nominal size Enclosure outer diameter Ø mm Ø mm		
25.307.1401	Ø20 75	403,13	129,38
25.307.1402	Ø25 90	436,25	145,00

Item No	Job Type		UP+Instal.	Instal. Cost (TRY)
25.307.1403	Ø32	90	512,19	177,19
25.307.1404	Ø40	110	699,38	240,63
25.307.1405	Ø50	110	877,81	267,81
25.307.1406	Ø63	125	1.168,44	289,69
25.307.1407	Ø75	140	1.522,19	320,94
25.307.1408	Ø90	160	1.867,50	368,75
25.307.1409	Ø110	200	2.504,38	384,38
25.307.1410	Ø125	225	3.122,50	406,25
25.307.1650	Price of pre-insulated fittings, fasteners, fixing materials, flanges, and gaskets in compliance with TS EN 448, used in the installation of pipes in items 25.307.1100, 25.307.1200, 25.307.1300, and 25.307.1400, calculated as a percentage of the installed pipe cost (Unit: %):		% 30	
25.307.1900	Pre-insulated Flexible Plastic Pipes; (Unit: m) The supply to the work site and installation of pre-insulated flexible plastic pipes manufactured in compliance with EN 15632, for use in central and remote heating and cooling systems, liquid carrier pipe Polybutylene (PB), PEX-a, PPR, PE; with polyolefin outer jacket, cross-linked polyethylene, made of polyethylene or high density polyethylene (HDPE), SDR 11 class, suitable for 6 bar pressure and operating temperatures up to 95 °C, (excluding fitting and fixing materials) Carrier Pipe Nominal Diameter (Ø) mm Casing Pipe min. Outer Diameter (Ø) mm			
25.307.1901	25	50	855,94	102,19
25.307.1902	32	63	1.216,88	129,38
25.307.1903	40	75	1.380,63	166,88
25.307.1904	50	90	1.802,81	194,06
25.307.1905	63	125	2.139,06	231,56
25.307.1906	75	125	2.492,50	258,75
25.307.1907	90	160	3.438,75	296,25
25.307.1908	110	190	3.809,69	360,94
25.307.1909	125	200	4.929,38	388,13
25.307.1950	For the installation of the pipes in item 25.307.1900 the price of all fittings, fixings used in the installation as the percentage of the installed pipe cost (Unit: %):.		% 15	
25.310.1000	COPPER PIPES: The supply to the work site and installation on work site of pipe manufactured in compliance with TS EN 12449.			
25.310.1100	0.8 mm. wall thickness copper pipe (Unit: m)			
25.310.1101	Ø5 mm		103,06	64,69
25.310.1102	Ø6 mm		125,19	75,56
25.310.1103	Ø8 mm		148,06	75,56
25.310.1104	Ø10 mm		187,50	91,88
25.310.1105	Ø12 mm		215,44	97,31
25.310.1106	Ø14 mm		242,75	102,75
25.310.1107	Ø16 mm		276,13	113,63
25.310.1108	Ø20 mm		327,81	119,06
25.310.1200	1 mm wall thickness copper pipe (Unit: m)			
25.310.1201	Ø4 mm		82,19	53,81
25.310.1202	Ø5 mm		106,94	64,69
25.310.1203	Ø6 mm		132,06	75,56
25.310.1204	Ø8 mm		171,44	86,44
25.310.1205	Ø10 mm		205,00	91,88
25.310.1206	Ø12 mm		239,81	97,31
25.310.1207	Ø14 mm		272,75	102,75

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.310.1208	Ø16 mm	312,38	113,63
25.310.1209	Ø18 mm	345,31	119,06
25.310.1210	Ø20 mm	378,25	124,50
25.310.1211	Ø22 mm	413,69	129,94
25.310.1212	Ø25 mm	460,38	135,38
25.310.1213	Ø28 mm	508,31	140,81
25.310.1300	1.5 mm wall thickness copper pipe (Unit: m)		
25.310.1301	Ø5 mm	106,94	64,69
25.310.1302	Ø6 mm	139,31	75,56
25.310.1303	Ø8 mm	192,06	86,44
25.310.1304	Ø10 mm	240,63	91,88
25.310.1305	Ø12 mm	288,56	97,31
25.310.1306	Ø16 mm	388,63	113,63
25.310.1307	Ø20 mm	479,06	119,06
25.310.1308	Ø22 mm	527,00	124,50
25.310.1309	Ø25 mm	594,94	129,94
25.310.1310	Ø28 mm	664,13	135,38
25.310.1311	Ø32 mm	754,56	140,81
25.310.1312	Ø35 mm	822,50	146,25
25.310.1313	Ø36 mm	849,19	151,69
25.310.1314	Ø40 mm	939,63	157,13
25.310.1400	2 mm wall thickness copper pipe (Unit: m)		
	External diameter		
25.310.1401	Ø20 mm	577,00	124,50
25.310.1402	Ø25 mm	727,88	135,38
25.310.1403	Ø32 mm	936,25	146,25
25.310.1404	Ø40 mm	1.177,56	162,56
25.310.2000	Copper Pipe Installation Material: (Size:%)		
25.310.2001	In case of connection with threaded fittings, the cost of installation material; (Unit: %) The cost of the installation in case the ends of the copper pipes are spread and the pipes are connected by way of threaded fittings, as percentage of installed pipe cost.	% 20	
25.310.2002	Cost of fittings in case of welding with phosphorus copper alloy; (Unit: %) In order to weld copper pipes to non-copper pipes or fittings, if they are welded with phosphorus copper alloy, the percentage of the installed pipe cost	% 25	
25.310.2003	Cost of material in case of welding with silver-copper alloy; (Unit: %) In case the copper pipes are widened on one side and the bell mouth is formed, one is slipped into the other as necessary and the amount of the assembled pipe is used if copper-silver alloy is used. NOTE: The above mentioned prices are for electrolytic (soft) copper pipes.	% 40	
25.312.1100	Drain Check Valve (Unit: Qty.) The supply to the work site and installation of the drain check valve to prevent water back flow from wash basin, shower or bathtub in horizontal or vertical positions, suitable for drain lines, with polypropylene body and cleaning section.		
25.312.1101	For the washbasin; 50 Ø mm	181,88	54,38
25.312.1102	Horizontal type; 50 Ø mm	179,38	54,38
25.312.1103	Horizontal type; 75 Ø mm	284,06	81,56
25.312.1104	Vertical type; Ø50 mm	225,63	54,38
25.312.1105	Vertical type; Ø75 mm	301,56	81,56
25.312.1200	Sump check valve (Unit: Qty.) The supply to the work site and installation of drain check valves manufactured in compliance with the standard EN 13564-1: Flood Prevention Equipment For Buildings for use in the drain		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	and rain water systems, with flap or lock, mounted to the end of the pipes inside the sumps/septic tanks to prevent rats, vermin and stench from entering the buildings' installations, resistant against rat gnaws, self-closing stainless steel flap, ABS housing, with hand operated locking system and easy opening cleaning hatch with butterfly screws.		
25.312.1201	Flap type; Ø100 mm	545,00	75,00
25.312.1202	Flap type; Ø125 mm	587,19	102,19
25.312.1203	Flap type; Ø160 mm	633,13	129,38
25.312.1204	Flap type; Ø200 mm	865,63	129,38
25.312.1205	Flap type with lock; 100 Ø mm	542,50	75,00
25.312.1206	Flap type with lock; 125 Ø mm	587,19	102,19
25.312.1207	Flap type with lock; 160 Ø mm	634,38	129,38
25.312.1208	Flap type with lock; 200 Ø mm	1.281,88	129,38
25.312.2100	Vent pipe and cowl (Unit: Qty.) Supply to the work site and installation of a plastic vent pipe and cowl that protrudes min 0.50-m from the roofing, for installation on waste water pipes extending from the ceiling to the roofing in the garret.		
25.312.2101	Ø70 mm	209,38	85,63
25.312.2102	Ø100 mm	290,94	135,94
25.312.2103	Ø125 mm	325,94	135,94
25.312.2200	Automatic Waste Water Vent Stack Device (Unit: Qty.) Supply, installation and delivery in working order of a class A1 automatic vent stack device used at spots not available for ventilation shafts, which balances negative pressure, contains an odor-proof check valve, operates at temperatures from -20 °C to +60 °C, released with a CE compliance marking and manufactured in compliance with EN 12380.		
25.312.2201	Automatic Waste Water Vent Stack Device, max. Ø50 mm (including Ø50 mm)	2.535,00	217,50
25.312.2202	Automatic Waste Water Vent Stack Device, max. Ø100 mm (including Ø100 mm)	3.511,25	217,50
25.315.1000	PLASTIC PIPE EQUIPMENT		
25.315.1100	PPRC Ball Valve (Unit: Qty.): Supply to the worksite and installation of manually opening and closing ball valve with PN 10-16 pressure class, in compliance with 2014/68/EU Pressure Equipment Directive, with brass cutting element, PPRC body, bonded to plastic pipe by heating at 260 °C with a fusion welding machine, controlled by a ball in the passage. Nominal Size Outer Diameter inch (Ø)		
25.315.1101	1/2" 20	247,50	163,13
25.315.1102	3/4" 25	268,13	163,13
25.315.1103	1" 32	342,81	190,31
25.315.1104	1 1/4" 40	505,00	217,50
25.315.1105	1 1/2" 50	555,00	217,50
25.315.1200	PPRC Silt Trap (Unit: Qty.): Supply to the worksite and installation of a silt trap in the PN 10-16 pressure class, with a body made of PPRC, an internal strainer made of brass or stainless steel, easily removable and cleanable, bonded to the plastic pipe by heating with a physiotherm welding machine at a temperature of 260 °C. Nominal Size Outer Diameter inch (Ø)		
25.315.1201	1/2" 20	219,38	163,13
25.315.1202	3/4" 25	256,88	163,13
25.315.1203	1" 32	321,56	190,31
25.320.1000	COLD OR HOT WATER VALVES: (Unit: Qty.) The supply to the work site and installation of the valves in compliance with the Directive 2014/68/EU on Pressure Equipment, to be used as a cut-off element in cold or hot water installations, made of the brass or cast iron, water tight, screw or flanged gate valve and with valve seals.		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.320.1100	Gate and globe valves; with brass screw, made with press in accordance with (TS EN 12,288), without vent;		
25.320.1101	Ø15 mm (1/2")	372,19	135,94
25.320.1102	Ø20 mm (3/4")	496,88	163,13
25.320.1103	Ø25 mm (1")	628,44	195,94
25.320.1104	Ø32 mm (1¼")	944,38	223,13
25.320.1105	Ø40 mm (1½")	1.187,81	250,31
25.320.1106	Ø50 mm (2")	1.809,44	254,44
25.320.1200	Gate Valve, cast iron, flanged, PN 6-10; The supply to the work site and installation in its designated location of the gate valves in compliance with the Directive 2014/68/EU on Pressure Equipment, CE certified, in compliance with the Standard TS EN 1171, housing, cap, hand wheel nodular or cast iron, bolt nodular cast iron, spindle stainless steel, with EPDM or NBR seal, PN 6-10 pressure class.		
25.320.1201	Ø40 mm	4.316,81	371,81
25.320.1202	Ø50 mm	4.533,38	453,38
25.320.1203	Ø65 mm	5.581,81	480,56
25.320.1204	Ø80 mm	6.391,50	647,75
25.320.1205	Ø100 mm	8.089,00	725,25
25.320.1206	Ø125 mm	10.090,88	779,63
25.320.1207	Ø150 mm	12.902,13	888,38
25.320.1208	Ø200 mm	19.626,88	1.164,38
25.320.1209	Ø250 mm	32.789,75	1.277,25
25.320.1210	Ø300 mm	43.531,63	1.331,63
25.320.1211	Ø350 mm	60.714,50	1.377,00
25.320.1212	Ø400 mm	86.880,69	1.668,19
25.320.1213	Ø500 mm	195.641,88	1.891,88
25.320.1214	Ø600 mm	218.006,81	2.006,81
25.320.1300	Gate Valve, cast iron, flanged, PN 16; In compliance with the standard TS EN 1171, other features are the same as 207-400.		
25.320.1301	Ø40 mm	4.483,75	378,75
25.320.1302	Ø50 mm	4.713,38	453,38
25.320.1303	Ø65 mm	5.778,06	480,56
25.320.1304	Ø80 mm	6.961,50	647,75
25.320.1305	Ø100 mm	8.219,00	725,25
25.320.1306	Ø125 mm	10.099,63	779,63
25.320.1307	Ø150 mm	12.970,88	888,38
25.320.1308	Ø200 mm	19.826,88	1.164,38
25.320.1309	Ø250 mm	34.302,25	1.277,25
25.320.1310	Ø300 mm	45.744,13	1.331,63
25.320.1311	Ø350 mm	62.895,75	1.408,25
25.320.1312	Ø400 mm	90.955,69	1.668,19
25.320.1313	Ø500 mm	223.141,88	1.891,88
25.320.1314	Ø600 mm	283.506,81	2.006,81
25.320.1400	Ball valve with drain (column tap); brass, screw, press-made, in compliance with TS 15 EN 1213, with drainage		
25.320.1401	Ø15 mm (1/2")	518,75	168,75
25.320.1402	Ø20 mm (3/4")	618,44	195,94
25.320.1403	Ø25 mm (1")	875,94	195,94
25.320.1404	Ø32 mm (1¼")	1.438,13	223,13

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.320.1405	Ø40 mm (1½")	1.824,06	250,31
25.320.1406	Ø50 mm (2")	2.584,06	250,31
25.320.2000	BALL VALVES: (TS 3148). The supply to the work site and installation in its designated location of ball valves, in compliance with the Directive 2014/68/EU on Pressure Equipment, with brass cut-off element, cast iron or stainless steel body, threaded, wafer, lug or flange, flow controlled by a ball, hand operated, with all fittings.		
25.320.2100	Brass, Teflon (PTFE) gasket made in press, full bore, threaded; (TS EN 13547)		
25.320.2101	Ø15 mm (1/2")	349,69	135,94
25.320.2102	Ø20 mm (3/4")	410,63	163,13
25.320.2103	Ø25 mm (1")	589,38	163,13
25.320.2104	Ø32 mm (1¼")	917,81	190,31
25.320.2105	Ø40 mm (1½")	1.186,25	217,50
25.320.2106	Ø50 mm (2")	1.752,50	217,50
25.320.2200	PN 16, nodular cast iron body, stainless steel ball, with Teflon seal, full bore, wafer or lug connection;		
25.320.2201	Ø40 mm	2.600,31	340,31
25.320.2202	Ø50 mm	3.244,38	421,88
25.320.2203	Ø65 mm	4.362,81	449,06
25.320.2204	Ø80 mm	6.194,38	639,38
25.320.2205	Ø100 mm	8.531,25	693,75
25.320.2300	PN 10-16, cast iron body, stainless steel ball, full bore, stainless steel or teflon plate spring reinforced, two-piece, flanged;		
25.320.2301	Ø40 mm	3.495,31	340,31
25.320.2302	Ø50 mm	4.470,63	421,88
25.320.2303	Ø65 mm	5.282,81	449,06
25.320.2304	Ø80 mm	7.976,88	639,38
25.320.2305	Ø100 mm	10.665,00	693,75
25.320.2306	Ø125 mm	17.123,13	748,13
25.320.2400	PN 10-16, cast iron body, stainless steel ball, full bore, stainless steel or Teflon plate spring reinforced, three-piece, threaded;		
25.320.2401	Ø15 mm (1/2")	1.974,06	156,56
25.320.2402	Ø20 mm (3/4")	2.020,00	183,75
25.320.2403	Ø25 mm (1")	2.305,00	183,75
25.320.2404	Ø32 mm (1 1/4")	2.829,69	210,94
25.320.2405	Ø40 mm (1 1/2")	3.654,38	238,13
25.320.2406	Ø50 mm (2")	4.580,63	238,13
25.320.2500	PN 10-16, cast iron body, stainless steel ball, full bore, stainless steel or teflon plate spring reinforced, three-piece, flanged;		
25.320.2501	Ø15 mm	2.036,25	183,75
25.320.2502	Ø20 mm	2.414,06	231,56
25.320.2503	Ø25 mm	2.527,50	258,75
25.320.2504	Ø32 mm	3.158,44	285,94
25.320.2505	Ø40 mm	3.779,38	351,88
25.320.2506	Ø50 mm	4.761,88	421,88
25.320.2507	Ø65 mm	6.850,31	449,06
25.320.2508	Ø80 mm	8.650,00	616,25
25.320.2509	Ø100 mm	14.081,25	693,75
25.320.2510	Ø125 mm	22.185,63	748,13
25.320.2511	Ø150 mm	36.219,38	856,88

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.320.2512	Ø200 mm	65.726,56	1.139,06
25.320.2513	Ø250 mm	77.947,81	1.247,81
25.320.2600	PN 25-40, stainless steel body and ball, full bore, stainless steel or teflon plate spring reinforced, three-piece, flanged;		
25.320.2601	Ø15 mm (1/2")	3.147,81	156,56
25.320.2602	Ø20 mm (3/4")	3.868,75	183,75
25.320.2603	Ø25 mm (1")	6.230,00	183,75
25.320.2604	Ø32 mm (1 1/4")	7.948,44	210,94
25.320.2605	Ø40 mm (1 1/2")	9.158,13	238,13
25.320.2606	Ø50 mm (2")	13.050,63	238,13
25.320.2700	PN 25-40, flanged, other specifications the same as in item 25.320.2600		
25.320.2701	Ø15 mm Flanged	3.266,56	231,56
25.320.2702	Ø20 mm Flanged	3.942,50	258,75
25.320.2703	Ø25 mm Flanged	4.152,19	285,94
25.320.2704	Ø32 mm Flanged	4.701,56	340,31
25.320.2705	Ø40 mm Flanged	6.003,75	442,50
25.320.2706	Ø50 mm Flanged	7.340,94	469,69
25.320.2707	Ø65 mm Flanged	10.630,63	680,63
25.320.2708	Ø80 mm Flanged	12.615,00	735,00
25.320.2709	Ø100 mm Flanged	20.960,00	810,00
25.320.2710	Ø125 mm Flanged	27.818,75	918,75
25.320.2711	Ø150 mm Flanged	34.706,88	1.231,88
25.320.2712	Ø200 mm Flanged	64.123,75	1.361,25
25.320.3000	NATURAL GAS BALL VALVES (TS EN 331) The supply to the work site and installation in its designated location of the ball valves manufactured in compliance with Directive 2014/68/EU on Construction Equipment, CE certified, MOP at working pressure between 5-20 bar, with brass cutter for use in natural gas installations, brass or nodular cast iron body, threaded or flanged, the flow is controlled by a sphere, stainless steel ball, manual opening and closing.		
25.320.3100	Brass, Teflon gasket made in press, full bore;		
25.320.3101	15 Ø mm Threaded (1/2")	437,81	156,56
25.320.3102	Ø20 mm (3/4") Threaded	540,00	183,75
25.320.3103	Ø25 mm (1") Threaded	738,75	183,75
25.320.3104	32 Ø mm Threaded (1 1/4")	1.254,69	210,94
25.320.3105	Ø40 mm (1 1/2") Threaded	1.705,63	238,13
25.320.3106	Ø50 mm(2") Threaded	2.473,13	238,13
25.320.3200	Nodular cast iron or cast steel body, stainless steel ball, stainless steel or Teflon plate spring reinforced, full bore, three-piece, flanged;		
25.320.3201	Ø15 mm	2.373,75	183,75
25.320.3202	Ø20 mm	2.655,31	231,56
25.320.3203	Ø25 mm	3.565,00	258,75
25.320.3204	Ø32 mm	4.409,69	285,94
25.320.3205	Ø40 mm	5.391,88	351,88
25.320.3206	Ø50 mm	7.005,63	421,88
25.320.3300	Natural Gas Ball Valves (TS 9809) The supply to the work site and on-site installation in its designated location of the valves at PN16 - PN25 - PN40 working pressure, in compliance with TS 9809 to be used in natural gas installations, nodular or cast steel body, stainless steel ball, stainless steel Teflon plate spring reinforced gasket, full bore, flanged.		
25.320.3301	Ø65 mm	8.665,31	449,06

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.320.3302	Ø80 mm	11.011,25	616,25
25.320.3303	Ø100 mm	18.156,25	693,75
25.320.3304	Ø125 mm	27.748,13	748,13
25.320.3305	Ø150 mm	40.269,38	856,88
25.320.3306	Ø200 mm	64.539,06	1.139,06
25.320.3307	Ø250 mm	102.822,81	1.247,81
25.320.4100	LEVER OPERATED BUTTERFLY VALVES (PN 10-16) (TS EN 593 + A1) The supply to the work site and on-site installation in its designated location of butterfly valves in compliance with the Directive 2014/68/EU on Pressure Equipment, for use for hot and cold water (0 °C + 110 °C), air, all anticorrosion fluids, (GG-25) cast iron body, nodular cast iron, polyamide derived materials or stainless steel flap (disc), two flange clamping type, without sealing gasket and providing sealing with EPDM self seal, impermeable at PN 10-16 pressure limits, with locking mechanism which prevents it from interfering.		
25.320.4101	Ø50 mm	2.503,13	421,88
25.320.4102	Ø65 mm	2.800,31	449,06
25.320.4103	Ø80 mm	3.277,50	616,25
25.320.4104	Ø100 mm	4.101,25	693,75
25.320.4105	Ø125 mm	5.199,38	748,13
25.320.4106	Ø150 mm	6.125,00	802,50
25.320.4107	Ø200 mm	10.026,56	1.045,31
25.320.4108	Ø250 mm	15.139,06	1.139,06
25.320.4109	Ø300 mm	18.841,56	1.341,56
25.320.4110	Ø350 mm	41.969,69	1.519,69
25.320.4111	Ø400 mm	61.682,81	1.682,81
25.320.4112	Ø500 mm	112.742,19	1.954,69
25.320.5000	SUPER HEATED WATER STEAM VALVES (Unit: Qty.) The supply to the work site and installation of the super heated water of steam valves in compliance with 2014/68/EU Pressure Equipment Directive, gate, globe or piston type, cast iron, nodular graphite cast iron, cast steel or cast stainless steel body, valve stem, valve, seat, piston and gate made of stainless steel.		
25.320.5100	PN 16 Super Heated Water and Steam Valves; cast iron body, globe type, valve stem, valve and seat made of stainless steel, with flanged connection;		
25.320.5101	Ø15 mm Flanged	2.487,81	231,56
25.320.5102	Ø20 mm Flanged	2.611,25	258,75
25.320.5103	Ø25 mm Flanged	2.950,94	285,94
25.320.5104	Ø32 mm Flanged	3.941,88	313,13
25.320.5105	Ø40 mm Flanged	5.006,88	351,88
25.320.5106	Ø50 mm Flanged	6.239,38	421,88
25.320.5107	Ø65 mm Flanged	8.466,56	449,06
25.320.5108	Ø80 mm Flanged	10.157,50	616,25
25.320.5109	Ø100 mm Flanged	12.227,50	693,75
25.320.5110	Ø125 mm Flanged	22.648,13	748,13
25.320.5111	Ø150 mm Flanged	32.781,88	856,88
25.320.5112	Ø200 mm Flanged	51.114,06	1.139,06
25.320.5113	Ø250 mm Flanged	90.222,81	1.247,81
25.320.5200	PN 16 Super Heated Water and Steam Valves; piston type, cast iron body, with threaded or flange connection;		
25.320.5201	Ø15 mm Flanged	2.127,81	231,56
25.320.5202	Ø20 mm Flanged	2.672,50	258,75
25.320.5203	Ø25 mm Flanged	3.080,94	285,94

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.320.5204	Ø32 mm Flanged	4.176,88	313,13
25.320.5205	Ø40 mm Flanged	5.253,13	351,88
25.320.5206	Ø50 mm Flanged	7.478,13	421,88
25.320.5207	Ø65 mm Flanged	13.374,06	449,06
25.320.5208	Ø80 mm Flanged	18.953,75	616,25
25.320.5209	Ø100 mm Flanged	23.981,25	693,75
25.320.5300	PN 25-40 Super Heated Water and Steam Valves; piston type, cast steel or GGG 40 nodular cast iron body, with threaded or flange connection;		
25.320.5301	Ø15 mm Flanged	3.073,75	258,75
25.320.5302	Ø20 mm Flanged	3.938,44	285,94
25.320.5303	Ø25 mm Flanged	4.824,38	313,13
25.320.5304	Ø32 mm Flanged	6.139,38	351,88
25.320.5305	Ø40 mm Flanged	8.495,63	421,88
25.320.5306	Ø50 mm Flanged	12.052,81	449,06
25.320.5400	PN 25-40 Super Heated Water and Steam Valves; cast iron body, globe type, valve stem, valve and seat made of stainless steel, with flanged connection;		
25.320.5401	Ø15 mm Flanged	3.423,75	258,75
25.320.5402	Ø20 mm Flanged	3.870,94	285,94
25.320.5403	Ø25 mm Flanged	4.688,13	313,13
25.320.5404	Ø32 mm Flanged	5.759,38	351,88
25.320.5405	Ø40 mm Flanged	6.484,38	421,88
25.320.5406	Ø50 mm Flanged	8.136,56	449,06
25.320.5407	Ø65 mm Flanged	12.641,88	680,63
25.320.5408	Ø80 mm Flanged	15.985,00	735,00
25.320.5409	Ø100 mm Flanged	24.510,00	810,00
25.320.5410	Ø125 mm Flanged	32.818,75	918,75
25.320.5411	Ø150 mm Flanged	42.906,88	1.231,88
25.320.5412	Ø200 mm Flanged	90.186,25	1.361,25
25.320.5413	Ø250 mm Flanged	168.790,63	1.415,63
25.320.5414	Ø300 mm Flanged	219.095,00	1.470,00
25.320.5500	PN 16 Balance Piston, Super Heated Water and Steam Valves; The supply to the work site and installation in its designated location of balance piston valves with GG25 cast iron body, heavy and continuous operating conditions, designed as such that in the moment of opening and closing, the pressure on the piston is balanced in itself to provide easy opening and closing, stainless steel piston, two bodies for internal sealing, furnished a special ring as one set for sealing the cover, two sets for the shaft sealing, connection with wheel provided with piston shaft, cover and pressure nuts with high heat resistant disc-shaped springs, used for hot water, super heated water, steam and other fluids.		
25.320.5501	Ø65 mm Flanged	9.474,69	469,69
25.320.5502	Ø80 mm Flanged	12.084,38	680,63
25.320.5503	Ø100 mm Flanged	17.472,50	735,00
25.320.5504	Ø125 mm Flanged	27.297,50	810,00
25.320.5505	Ø150 mm Flanged	38.206,25	918,75
25.320.5506	Ø200 mm Flanged	60.356,88	1.231,88
25.320.5600	PN 25-40 Balance Piston, Super Heated Water and Steam Valves; GSC-25 cast steel or GGG 40 nodular cast iron body, other features same as item 25.320.550.		
25.320.5601	Ø65 mm Flanged	14.505,63	680,63
25.320.5602	Ø80 mm Flanged	18.860,00	735,00
25.320.5603	Ø100 mm Flanged	26.735,00	810,00

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.320.5604	Ø125 mm Flanged	41.781,25	918,75
25.320.5605	Ø150 mm Flanged	58.694,38	1.231,88
25.320.5606	Ø200 mm Flanged	93.348,75	1.361,25
25.320.6100	Metal Bellow Globe Valve (PN-16) Supply to the work site and on-site installation of the valves with cast iron body, stainless steel metal bellows, stainless steel valve stem, valve and seat, with flange.		
25.320.6101	Ø15 mm Flanged	4.862,50	183,75
25.320.6102	Ø20 mm Flanged	5.297,81	231,56
25.320.6103	Ø25 mm Flanged	5.771,25	258,75
25.320.6104	Ø32 mm Flanged	7.379,69	285,94
25.320.6105	Ø40 mm Flanged	8.426,88	351,88
25.320.6106	Ø50 mm Flanged	10.071,88	421,88
25.320.6107	Ø65 mm Flanged	15.049,06	449,06
25.320.6108	Ø80 mm Flanged	18.253,75	616,25
25.320.6109	Ø100 mm Flanged	24.156,25	693,75
25.320.6110	Ø125 mm Flanged	34.773,13	748,13
25.320.6111	Ø150 mm Flanged	47.494,38	856,88
25.320.6112	Ø200 mm Flanged	66.939,06	1.139,06
25.320.6113	Ø250 mm Flanged	128.747,81	1.247,81
25.320.6200	Metal Bellow Globe Valve (PN 25-40) Supply to the work site and on-site installation of a cast steel or nodular cast iron GGG 40 body, valves with stainless steel metal bellows, stainless steel valve stem, valve and seat, with flange.		
25.320.6201	Ø15 mm Flanged	6.166,56	231,56
25.320.6202	Ø20 mm Flanged	7.311,25	258,75
25.320.6203	Ø25 mm Flanged	9.123,44	285,94
25.320.6204	Ø32 mm Flanged	11.218,13	351,88
25.320.6205	Ø40 mm Flanged	14.209,38	421,88
25.320.6206	Ø50 mm Flanged	17.149,06	449,06
25.320.6207	Ø65 mm Flanged	25.728,75	616,25
25.320.6208	Ø80 mm Flanged	30.906,25	693,75
25.320.6209	Ø100 mm Flanged	44.110,63	748,13
25.320.6210	Ø125 mm Flanged	56.919,38	856,88
25.320.6211	Ø150 mm Flanged	80.064,06	1.139,06
25.320.6212	Ø200 mm Flanged	123.997,81	1.247,81
25.320.7000	BALANCE VALVES (Unit: Qty.) The installation, adjustment and delivery in working order of the balancing valve to be used in heating, cooling, HVAC and hot water installations, with two measuring points, preset value readable on two scales (main setting/precise setting scales) located on one side of the wheel, with a measurement chamber enabling the water reach the measuring point by turning around the valve stem, with two measuring points for the measurement of flow rate, pressure difference and temperature, having the feature to prevent the valve from opening at the set value and allowing the mounting of a seal.		
25.320.7100	Static Balancing Valve; For heating, cooling and HVAC installations, threaded; The installation, adjustment and the delivery in working order of the valves at PN 16-PN 25 pressure class, the body and head part made of cast bronze, the flap and stem made of brass material against zinc formation, flap with PTFE joint, the stem sealed with double O-ring.		
25.320.7101	Ø15 mm (1/2")	2.104,06	265,31
25.320.7102	Ø20 mm (3/4")	2.337,81	340,31
25.320.7103	Ø25 mm (1")	2.916,56	449,06
25.320.7104	Ø32 mm (1¼")	3.935,00	585,00

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.320.7105	Ø40 mm (1½")	4.793,44	720,94
25.320.7106	Ø50 mm (2")	6.285,63	856,88
25.320.7200	Static Balancing Valve; For heating, cooling and HVAC installations, flanged; The supply, installation, adjustment and the delivery of the valves at PN 16 pressure class, the body made of GG-25 cast iron and head part made of cast bronze, the stem and the valve flap made of brass material against zinc formation, flap with PTFE joint, flanged.		
25.320.7201	Ø65 mm	8.971,88	1.231,88
25.320.7202	Ø80 mm	10.351,25	1.361,25
25.320.7203	Ø100 mm	14.657,50	1.545,00
25.320.7204	Ø125 mm	21.178,75	1.653,75
25.320.7205	Ø150 mm	27.587,50	1.837,50
25.320.7206	Ø200 mm	63.925,63	2.150,63
25.320.7207	Ø250 mm	90.692,50	2.280,00
25.320.7208	Ø300 mm	119.051,25	2.463,75
25.320.7300	Dynamic Balancing Valve; For heating, cooling and HVAC installations, threaded; The installation, adjustment and delivery in working order of the dynamic balance valve for use in the HVAC systems, with cast brass body, the cartridge made of a plastic-based material, the spring made of stainless steel, with flow metering points, PN-16 class. Installation, adjustment and delivery in working order of dynamic balancing valves with cartridges with Ø15 (1/2") and Ø20 (3/4") threads (internal threads) and Ø25 (1") - Ø40 (1½") (external threads).		
25.320.7301	Ø15 mm (1/2")	2.958,75	183,75
25.320.7302	Ø20 mm (3/4")	3.339,06	340,31
25.320.7303	Ø25 mm (1")	5.760,94	469,69
25.320.7304	Ø32 mm (1¼")	6.365,00	626,25
25.320.7305	Ø40 mm (1½")	10.132,81	782,81
25.320.7400	Dynamic Balancing Valve; For heating, cooling and HVAC installations, wafer type; The installation, adjustment and delivery in working order of the dynamic balance valve for use in the HVAC systems, with nodular cast iron body, the cartridge made of 304 stainless steel, with flow metering points, PN-16 class, flanged type, with cartridge		
25.320.7401	Ø50 mm	12.591,25	918,75
25.320.7402	Ø65 mm	27.856,88	1.231,88
25.320.7403	Ø80 mm	29.611,25	1.361,25
25.320.7404	Ø100 mm	45.820,00	1.545,00
25.320.7405	Ø125 mm	74.866,25	1.653,75
25.320.7406	Ø150 mm	95.000,00	1.837,50
25.320.7407	Ø200 mm	147.150,63	2.150,63
25.320.7408	Ø250 mm	233.780,00	2.280,00
25.320.7409	Ø300 mm	271.088,75	2.463,75
25.320.8000	PRESSURE REDUCING VALVES: (Unit: Qty.) The supply to the work site, installation in its designed location, adjustment and delivery in working order of the pressure reducing valves for water, steam and other non-flammable gases, to be selected according to the flow rate and temperature for the inlet and outlet pressures given in the approved project the body of the cast iron or steel, shaft and housing contact surfaces of bronze or stainless steel, flanges appropriate for the pressure, in case of change in the demand for inlet pressure and flow, the pressure reducing valve shall keep the output pressure at the set values with precision.		
25.320.8100	Pressure Reducing Valve for water;		
25.320.8101	Ø15 mm Threaded (1/2")	918,75	183,75
25.320.8102	Ø20 mm Threaded (3/4")	1.030,31	231,56

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.320.8103	Ø25 mm Threaded (1")	2.062,50	258,75
25.320.8104	Ø32 mm Threaded (1¼")	2.629,69	285,94
25.320.8105	Ø40 mm Threaded (1½")	3.358,13	351,88
25.320.8106	Ø50 mm Threaded (2")	4.073,13	421,88
25.320.8107	Ø65 mm Threaded or Flanged	13.186,56	449,06
25.320.8108	Ø80 mm Threaded or Flanged	17.216,25	616,25
25.320.8109	Ø100 mm Threaded or Flanged	18.193,75	693,75
25.320.8110	Ø125 mm Threaded or Flanged	21.210,63	748,13
25.320.8111	Ø150 mm Threaded or Flanged	35.669,38	856,88
25.320.8200	Pressure Reducing Valve, for steam, PN 16, flanged;		
25.320.8201	Ø15 mm	5.830,00	183,75
25.320.8202	Ø20 mm	6.312,81	231,56
25.320.8203	Ø25 mm	6.772,50	258,75
25.320.8204	Ø32 mm	8.593,44	285,94
25.320.8205	Ø40 mm	9.690,63	351,88
25.320.8206	Ø50 mm	12.091,88	421,88
25.320.8207	Ø65 mm	31.249,06	449,06
25.320.8208	Ø80 mm	31.728,75	616,25
25.320.8209	Ø100 mm	40.243,75	693,75
25.320.8300	For the pressure reducing valve (for steam), the installed unit prices for PN 25 flanged item 25.320.8200 are increased by 25% with the installation fees remaining unchanged.		
25.320.9100	THERMOSTATIC MIXTURE VALVE (Unit: Qty.) (TS EN 1111) The supply to the work site and installation in its designated location of thermostatic mixture valves keeping the water temperature at the set value between 20-60 °C, equipped with a safety button at 38 C against scalding, having a check valve that completely cuts off the water for safety in case of sudden changes in the amount and pressure of hot or cold water, having no opening and closing mechanism and making only mixtures.		
25.320.9101	Ø15 mm (1/2")	2.710,00	217,50
25.320.9102	Ø20 mm (3/4")	2.966,88	271,88
25.320.9200	FLOAT TYPE LEVEL CONTROL VALVE, PN16, Flanged; (Unit: Qty.) The supply to the work site, on-site installation and delivery in working order of the level control valves in compliance with the Directive (2014/68/EU) on Pressure Equipment, body and cover made of cast iron of nodular cast iron, to be mounted horizontally or vertically, controlling the water level in the storage vessels or reservoirs, complete with the body, float, necessary equipment features to transmit the float movements to the valve's control section.		
25.320.9201	Ø50 mm	11.525,63	421,88
25.320.9202	Ø65 mm	13.436,56	449,06
25.320.9203	Ø80 mm	17.603,75	616,25
25.320.9204	Ø100 mm	18.768,75	693,75
25.325.1000	SILT TRAPS (TS 11494): (Unit: Qty.) The supply to the work site and installation of flanged or threaded type silt traps for use in the liquid, steam and gas systems, body made of brass, bronze, nodular cast iron, cast iron or steel, the filter element made of brass or stainless steel, filter easy to remove and clean. Note: Filter sensitivity shall let through maximum 500 µm (0.5 mm) particles for up to DN20, let through maximum 700 µm (0.7 mm) particles for up to DN50, let through maximum 1200 µm (1.2 mm) particles for up to DN150 .		
25.325.1100	Silt Trap; PN-16, for steam, die casting threaded;		
25.325.1101	Ø15 mm (1/2")	329,69	135,94
25.325.1102	Ø20 mm (3/4")	404,38	163,13

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.325.1103	Ø25 mm (1")	538,13	163,13
25.325.1104	Ø32 mm (1 1/4")	967,81	190,31
25.325.1105	Ø40 mm (1 1/2")	1.078,75	217,50
25.325.1106	Ø50 mm (2")	1.580,00	217,50
25.325.1200	Silt Trap; PN-16, for steam and super heated water, cast iron body, diameters bigger than Ø65 reinforced, stainless steel filter element, threaded or flanged;		
25.325.1201	Ø15 mm Threaded or Flanged	1.121,25	183,75
25.325.1202	Ø20 mm Threaded or Flanged	1.369,06	231,56
25.325.1203	Ø25 mm Threaded or Flanged	1.650,00	258,75
25.325.1204	Ø32 mm Threaded or Flanged	2.259,69	285,94
25.325.1205	Ø40 mm Threaded or Flanged	2.893,13	351,88
25.325.1206	Ø50 mm Threaded or Flanged	3.660,63	421,88
25.325.1207	Ø65 mm Flanged	4.611,56	449,06
25.325.1208	Ø80 mm Flanged	5.683,75	616,25
25.325.1209	Ø100 mm Flanged	7.660,00	693,75
25.325.1210	Ø125 mm Flanged	10.101,88	748,13
25.325.1211	Ø150 mm Flanged	14.244,38	856,88
25.325.1212	Ø200 mm Flanged	24.739,06	1.139,06
25.325.1213	250 Ø mm. Flanged	37.185,31	1.247,81
25.325.1214	300 Ø mm. Flanged	68.858,75	1.421,25
25.325.1300	Silt Trap; PN 25-40 stainless steel body, stainless steel filter element, diameters bigger than Ø65 reinforced, threaded or flanged;		
25.325.1301	Ø15 mm Threaded or Flanged	2.977,81	231,56
25.325.1302	Ø20 mm Threaded or Flanged	3.548,75	258,75
25.325.1303	Ø25 mm Threaded or Flanged	4.289,69	285,94
25.325.1304	Ø32 mm Threaded or Flanged	5.033,13	351,88
25.325.1305	Ø40 mm Threaded or Flanged	5.700,63	421,88
25.325.1306	Ø50 mm Threaded or Flanged	8.746,56	449,06
25.325.1307	Ø65 mm Flanged	15.066,25	616,25
25.325.1308	Ø80 mm Flanged	20.743,75	693,75
25.325.1309	Ø100 mm Flanged	26.960,63	748,13
25.325.1310	Ø125 mm Flanged	41.269,38	856,88
25.325.1311	Ø150 mm Flanged	52.939,06	1.139,06
25.325.1312	Ø200 mm Flanged	82.710,31	1.247,81
25.325.1400	Silt trap, PN 25-40, for steam and super heated water, cast steel or nodular cat iron body, stainless steel filter element , reinforced, threaded or flanged		
25.325.1401	Ø15 mm Threaded or Flanged	1.862,81	231,56
25.325.1402	Ø20 mm Threaded or Flanged	2.483,75	258,75
25.325.1403	Ø25 mm Threaded or Flanged	3.105,94	285,94
25.325.1404	Ø32 mm Threaded or Flanged	4.088,13	351,88
25.325.1405	Ø40 mm Threaded or Flanged	5.498,13	421,88
25.325.1406	Ø50 mm Threaded or Flanged	7.492,81	449,06
25.325.1407	Ø65 mm Flanged	10.841,25	616,25
25.325.1408	Ø80 mm Flanged	15.381,25	693,75
25.325.1409	Ø100 mm Flanged	21.748,13	748,13
25.325.1410	Ø125 mm Flanged	32.244,38	856,88
25.325.1411	Ø150 mm Flanged	44.901,56	1.139,06
25.325.2000	CHECK VALVES (For hot and cold water); (TS EN 1074-3) (Unit: Qty.) The supply to the work site and installation of check valves for use in hot and cold water		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	installations, with brass, die cast or cast iron body, operating in horizontal or vertical position, hinged or seated flap or ball type.		
25.325.2100	Brass die casting, threaded;		
25.325.2101	Ø15 mm (1/2")	329,69	135,94
25.325.2102	Ø20 mm (3/4")	424,38	163,13
25.325.2103	Ø25 mm (1")	535,63	163,13
25.325.2104	Ø32 mm (1¼")	781,56	190,31
25.325.2105	Ø40 mm (1½")	1.046,25	217,50
25.325.2106	Ø50 mm (2")	1.351,25	217,50
25.325.2200	Cast iron body, threaded or flanged;		
25.325.2201	Ø15 mm (1/2") Threaded or Flanged	1.833,75	183,75
25.325.2202	Ø20 mm (3/4") Threaded or Flanged	2.297,81	231,56
25.325.2203	Ø25 mm (1") Threaded or Flanged	2.795,00	258,75
25.325.2204	Ø32 mm (1¼") Threaded or Flanged	3.570,94	285,94
25.325.2205	Ø40 mm (1½") Threaded or Flanged	4.266,88	351,88
25.325.2206	Ø50 mm (2") Threaded or Flanged	5.903,13	421,88
25.325.2300	Cast iron body, flanged;		
25.325.2301	Ø65 mm	7.885,31	449,06
25.325.2302	Ø80 mm	10.982,50	616,25
25.325.2303	Ø100 mm	13.393,75	693,75
25.325.2304	Ø125 mm	19.335,63	748,13
25.325.2305	Ø150 mm	24.606,88	856,88
25.325.3000	CHECK VALVES (for steam and super heated water); (TS EN 12334) (Unit: Qty.) The supply and on-site installation at the places specified in the design of check valves manufactured in compliance with the Directive (2014/68/EU) on Pressure Equipment with brass, cast iron, steel or stainless steel body according to the place of use and the pressure and temperature, brass, cast iron, steel or stainless steel body; of hinged or seated type, with flap or compression spring type.		
25.325.3100	Cast iron body, flapper ring screwed to the body and replaceable, threaded or flanged; PN 16;		
25.325.3101	Ø15 mm	2.925,00	183,75
25.325.3102	Ø20 mm	3.104,06	231,56
25.325.3103	Ø25 mm	3.558,75	258,75
25.325.3104	Ø32 mm	3.675,94	285,94
25.325.3105	Ø40 mm	4.524,38	351,88
25.325.3106	Ø50 mm	5.826,88	421,88
25.325.3107	Ø65 mm	8.129,06	449,06
25.325.3108	Ø80 mm	10.696,25	616,25
25.325.3109	Ø100 mm	13.793,75	693,75
25.325.3110	Ø125 mm	22.285,63	748,13
25.325.3111	Ø150 mm	32.567,19	867,19
25.325.3112	Ø200 mm	51.039,06	1.139,06
25.325.3113	250 Ø mm	74.160,31	1.247,81
25.325.3200	Check Valve; cast iron body, with compression spring and valve, threaded or flanged, PN 16;		
25.325.3201	Ø15 mm Threaded or Flanged	1.448,75	183,75
25.325.3202	Ø20 mm Threaded or Flanged	1.700,31	231,56
25.325.3203	Ø25 mm Threaded or Flanged	2.201,25	258,75
25.325.3204	Ø32 mm Threaded or Flanged	3.024,69	285,94
25.325.3205	Ø40 mm Threaded or Flanged	4.060,63	351,88

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.325.3206	Ø50 mm Threaded or Flanged	5.586,88	421,88
25.325.3207	Ø65 mm Flanged	7.776,56	449,06
25.325.3208	Ø80 mm Flanged	10.812,50	616,25
25.325.3209	Ø100 mm Flanged	13.981,25	693,75
25.325.3210	Ø125 mm Flanged	20.048,13	748,13
25.325.3211	Ø150 mm Flanged	28.854,69	867,19
25.325.3212	Ø200 mm Flanged	40.826,56	1.139,06
25.325.3213	250 Ø mm. Flanged	70.410,31	1.247,81
25.325.3300	Check Valve; PN 16, brass body, internal parts made of complete stainless steel (disco type, placed between flanges);		
25.325.3301	Ø15 mm	1.173,75	183,75
25.325.3302	Ø20 mm	1.356,56	231,56
25.325.3303	Ø25 mm	1.600,00	258,75
25.325.3304	Ø32 mm	2.075,94	285,94
25.325.3305	Ø40 mm	2.506,88	351,88
25.325.3306	Ø50 mm	3.276,88	421,88
25.325.3307	Ø65 mm	4.485,31	449,06
25.325.3308	Ø80 mm	6.163,75	616,25
25.325.3309	Ø100 mm	7.293,75	693,75
25.325.3400	Cast steel body, with compression spring and valve, with Teflon seat, threaded or flanged, PN 25-40;		
25.325.3401	Ø15 mm Threaded or Flanged	2.116,56	231,56
25.325.3402	Ø20 mm Threaded or Flanged	2.863,75	258,75
25.325.3403	Ø25 mm Threaded or Flanged	3.647,19	285,94
25.325.3404	Ø32 mm Threaded or Flanged	5.339,38	351,88
25.325.3405	Ø40 mm Threaded or Flanged	7.019,38	421,88
25.325.3406	Ø50 mm Threaded or Flanged	9.477,81	449,06
25.325.3407	Ø65 mm Flanged	13.038,75	616,25
25.325.3408	Ø80 mm Flanged	16.556,25	693,75
25.325.3409	Ø100 mm Flanged	20.473,13	748,13
25.325.3410	Ø125 mm Flanged	40.154,69	867,19
25.325.3411	Ø150 mm Flanged	57.439,06	1.139,06
25.325.3412	200 Ø mm. Flanged	106.447,81	1.247,81
25.325.3413	250 Ø mm. Flanged	160.427,19	1.302,19
25.327.1000	SAFETY DEVICES (TS EN ISO 4126-1, 4, 6, 7): (Unit: Qty.) The delivery in working order of the safety devices manufactured in compliance with the Directive (2014/68/EU) and released with TSE certificate of compliance, with the stainless steel stem, working without jamming, with all the adjustments done.		
25.327.1100	Safety valve; brass body, spring type, threaded, PN 16;		
25.327.1101	Ø15 mm (1/2")	717,19	135,94
25.327.1102	Ø20 mm (3/4")	980,63	163,13
25.327.1103	Ø25 mm (1")	1.856,88	163,13
25.327.1104	Ø32 mm (1 1/4")	2.587,81	190,31
25.327.1105	Ø40 mm (1 1/2")	3.413,75	217,50
25.327.1106	Ø50 mm (2")	4.767,50	217,50
25.327.1200	Safety valve; cast iron, weight or spring actuated, slow (proportional) start, flanged, PN 16; (TSE certified)		
25.327.1201	Ø32 mm	12.911,88	421,88
25.327.1202	Ø40 mm	16.399,06	449,06
25.327.1203	Ø50 mm	19.839,38	639,38

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.327.1204	Ø65 mm	31.593,75	693,75
25.327.1205	Ø80 mm	40.998,13	748,13
25.327.1206	Ø100 mm	49.579,69	867,19
25.327.1300	Safety Valve; cast iron body, weight or spring actuated, fast (full) start, flanged, PN 16; (TSE certified)		
25.327.1301	Ø32 mm	17.609,38	421,88
25.327.1302	Ø40 mm	23.874,06	449,06
25.327.1303	Ø50 mm	29.539,38	639,38
25.327.1304	Ø65 mm	45.643,75	693,75
25.327.1305	Ø80 mm	57.173,13	748,13
25.327.1306	Ø100 mm	66.454,69	867,19
25.330.1000	EXPANSION JOINTS (Compensators): Axial type (bellows); (Unit: Qty.) The installation and delivery in working order of the compensators with the bellows made of stainless steel or the body of cast iron in accordance with the pressure and temperature ratings, selected in compliance with the data like operating pressures, temperatures, sizes, material types, elongation obtained from the approved project.		
25.330.1100	Tubular expansion part: Can take 100 mm elongation. Pig-cast with PN 10 flanges:		
25.330.1101	Ø40 mm	6.223,75	367,50
25.330.1102	Ø50 mm	7.166,88	530,63
25.330.1103	Ø65 mm	8.340,00	585,00
25.330.1104	Ø80 mm	9.981,88	639,38
25.330.1105	Ø100 mm	12.863,13	748,13
25.330.1106	Ø125 mm	15.044,38	931,88
25.330.1107	Ø150 mm	19.640,63	1.040,63
25.330.1108	Ø200 mm	28.599,38	1.149,38
25.330.1200	Angular, lateral and axial moving expansion joints with bellows; The supply, on-site installation and delivery in working order of the expansion joints made of special alloy stainless steel with bellows, angular, axial and lateral movement for use in steam, hot water, gas and fuel systems, with flange, welding neck, articulated and with limiters. (Operating temperature +425 °C -80 °C) PN-16, 30 mm expansion		
25.330.1201	Ø40 mm	4.992,50	367,50
25.330.1202	Ø50 mm	5.728,13	530,63
25.330.1203	Ø65 mm	6.758,75	585,00
25.330.1204	Ø80 mm	7.783,13	639,38
25.330.1205	Ø100 mm	10.091,88	748,13
25.330.1206	Ø125 mm	12.523,13	931,88
25.330.1207	Ø150 mm	16.003,13	1.040,63
25.330.1208	Ø175 mm	16.832,50	1.095,00
25.330.1209	Ø200 mm	23.886,88	1.149,38
25.330.1210	Ø250 mm	36.703,75	1.203,75
25.330.1211	Ø300 mm	52.758,13	1.258,13
25.330.1300	Can take PN-16 60 mm elongation. For the expansion joints, the unit prices including installation at item 25.330.1200 are applied with an increase of 20%, the installation costs with no increase.		
25.330.1400	Axial type expansion joint with bellows; The supply, on-site installation and delivery in working order of the expansion joints of stainless steel, bellows, special alloy, with two ends with thread connection, for use in steam hot water and heating circuits. (Operating temperature +425 °C -80 °C) PN-16, 30 mm expansion		
25.330.1401	Ø15 mm	2.280,00	183,75
25.330.1402	Ø20 mm	2.760,31	231,56
25.330.1403	Ø25 mm	2.977,50	258,75
25.330.1404	Ø32 mm	3.635,63	313,13

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.330.1405	Ø40 mm	4.652,50	367,50
25.330.1406	Ø50 mm	5.428,75	551,25
25.330.2000	External pressure type, with stainless steel (AISI 304, 321, 316 Grade) Axial type expansion joint with bellows The supply, on-site installation and delivery in working order of the welded neck flanged expansion joints with stainless steel bellows, axial movement, pipe mechanism preventing the outer part of the bellows' wall from being affected by the pressure, additionally having inner rings providing the guidance and limiters limiting the movements for the use with steam, super heated water, hot oil systems. (Operating temperature +425 °C -80 °C) PN-16 (Operating temperature +425 °C -80 °C) PN-16		
25.330.2100	External pressure type, with stainless steel (AISI 304, 321, 316 Grade) Axial type expansion joint with bellows (compensator) with 30 mm expansion.		
25.330.2101	Ø25 mm	4.570,00	367,50
25.330.2102	Ø32 mm	5.143,13	530,63
25.330.2103	Ø40 mm	5.538,13	530,63
25.330.2104	Ø50 mm	6.378,13	530,63
25.330.2105	Ø65 mm	7.620,00	585,00
25.330.2106	Ø80 mm	8.630,63	639,38
25.330.2107	Ø100 mm	10.826,88	748,13
25.330.2108	Ø125 mm	15.144,38	931,88
25.330.2109	Ø150 mm	19.745,00	1.095,00
25.330.2110	Ø200 mm	27.436,88	1.149,38
25.330.2111	Ø250 mm	41.528,75	1.203,75
25.330.2112	Ø300 mm	47.908,13	1.258,13
25.330.2200	External pressure type, with stainless steel (AISI 304, 321, 316 Grade) Axial type expansion joint with bellows (compensator) with 60 mm expansion.		
25.330.2201	Ø25 mm	5.190,00	367,50
25.330.2202	Ø32 mm	6.191,88	530,63
25.330.2203	Ø40 mm	6.790,63	530,63
25.330.2204	Ø50 mm	7.720,63	530,63
25.330.2205	Ø65 mm	8.421,25	585,00
25.330.2206	Ø80 mm	10.403,13	639,38
25.330.2207	Ø100 mm	12.658,13	748,13
25.330.2208	Ø125 mm	17.381,88	931,88
25.330.2209	Ø150 mm	22.445,00	1.095,00
25.330.2210	Ø200 mm	31.449,38	1.149,38
25.330.2211	Ø250 mm	48.641,25	1.203,75
25.330.2212	Ø300 mm	64.520,63	1.258,13
25.330.2300	External pressure type, with stainless steel (AISI 304, 321, 316 Grade) Axial type expansion joint with bellows (compensator) with 90 mm expansion.		
25.330.2301	Ø25 mm	5.646,25	367,50
25.330.2302	Ø32 mm	6.226,88	530,63
25.330.2303	Ø40 mm	6.780,63	530,63
25.330.2304	Ø50 mm	7.748,13	530,63
25.330.2305	Ø65 mm	9.405,00	585,00
25.330.2306	Ø80 mm	10.819,38	639,38
25.330.2307	Ø100 mm	13.323,13	748,13
25.330.2308	Ø125 mm	18.031,88	931,88
25.330.2309	Ø150 mm	24.207,50	1.095,00
25.330.2310	Ø200 mm	33.624,38	1.149,38
25.330.2311	Ø250 mm	50.578,75	1.203,75

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.330.2312	Ø300 mm	69.308,13	1.258,13
25.330.3100	Angular, lateral, axial moving expansion joint with double bellows; The supply, on-site installation and delivery in working order of the expansion joints made of special alloy stainless steel with double bellows (corrugated), angular, lateral and axial movement for use in steam, hot water and fuel systems, dilation crossovers, compensation of the seismic movements, with flange, welding neck, articulated and with limiting bars. PN 16 compensator with 30 mm axial, 75 mm lateral movement.		
25.330.3101	Ø25 mm	6.550,00	367,50
25.330.3102	Ø32 mm	6.954,38	530,63
25.330.3103	Ø40 mm	7.249,38	530,63
25.330.3104	Ø50 mm	8.194,38	530,63
25.330.3105	Ø65 mm	10.010,00	585,00
25.330.3106	Ø80 mm	11.841,88	639,38
25.330.3107	Ø100 mm	15.485,63	748,13
25.330.3108	Ø125 mm	19.306,88	931,88
25.330.3109	Ø150 mm	23.995,00	1.095,00
25.330.3110	Ø200 mm	33.686,88	1.149,38
25.330.3111	Ø250 mm	46.941,25	1.203,75
25.330.3200	Angular, lateral, axial moving expansion joint with double bellows; The supply, on-site installation and delivery in working order of the expansion joints made of special alloy stainless steel with double bellows (corrugated), angular, lateral and axial movement for use in steam, hot water and fuel systems, dilation crossovers, compensation of the seismic movements, with flange, welding neck, articulated and with limiting bars. PN 16 compensator with 60 mm axial, 75 mm lateral movement.		
25.330.3201	Ø65 mm	9.745,00	585,00
25.330.3202	Ø80 mm	10.810,63	639,38
25.330.3203	Ø100 mm	13.273,13	748,13
25.330.3204	Ø125 mm	16.994,38	931,88
25.330.3205	Ø150 mm	20.945,00	1.095,00
25.330.3206	Ø200 mm	29.174,38	1.149,38
25.330.3207	Ø250 mm	39.191,25	1.203,75
25.332.1000	VIBRATION ABSORBERS: (Unit: Qty.) The supply, on-site installation and delivery in working order of vibration absorbers of stainless steel, to be mounted between the devices and pipes in order to prevent the vibration of the pumps, compressors and similar device vibrations from passing to the pipe network and thus to prevent the sound and noise arising from the vibrations. (Operating temperature +425 °C -80 °C)		
25.332.1100	With flange or welding neck; PN-16		
25.332.1101	Ø15 mm	1.286,25	183,75
25.332.1102	Ø20 mm	1.547,50	258,75
25.332.1103	Ø25 mm	1.776,25	367,50
25.332.1104	Ø32 mm	1.931,25	367,50
25.332.1105	Ø40 mm	2.170,63	421,88
25.332.1106	Ø50 mm	2.464,38	530,63
25.332.1107	Ø65 mm	2.850,00	585,00
25.332.1108	Ø80 mm	3.158,13	639,38
25.332.1109	Ø100 mm	3.690,63	748,13
25.332.1110	Ø125 mm	5.326,88	931,88
25.332.1111	Ø150 mm	6.528,75	1.095,00
25.332.1112	Ø200 mm	9.553,13	1.149,38
25.332.1113	Ø250 mm	14.616,25	1.203,75
25.332.1200	With flange or welding neck; PN 25-40		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	The unit prices including installation at item 25.332.1100 are applied with an increase of 40%, the installation costs with no increase.		
25.332.1300	Rubber Vibration Absorbers (absorbers); (Unit: Qty.) PN 16 The supply, on-site installation and delivery in working order of vibration absorbers with a partial angular lateral axial movement of 10 mm, made of rubber, with carbon steel flanges, to be mounted between the devices and pipes in order to prevent the vibration of the pumps, compressors and similar device vibrations from passing to the pipe network and thus to prevent the sound and noise arising from the vibrations. (Working temperature + 0 °C, +95 C)		
25.332.1301	Ø32 mm	1.725,00	367,50
25.332.1302	Ø40 mm	1.903,75	367,50
25.332.1303	Ø50 mm	2.279,38	530,63
25.332.1304	Ø65 mm	2.822,50	585,00
25.332.1305	Ø80 mm	3.215,63	639,38
25.332.1306	Ø100 mm	3.935,63	748,13
25.332.1307	Ø125 mm	5.051,88	931,88
25.332.1308	Ø150 mm	6.242,50	1.095,00
25.332.1309	Ø200 mm	8.268,13	1.149,38
25.332.1310	Ø250 mm	10.770,00	1.203,75
25.332.1311	Ø300 mm	15.670,63	1.258,13
25.334.1000	STEAM TRAPS (Condensate Separators): (Unit: Qty.)		
25.334.1100	Thermodynamic type, threaded; The supply to the work site, on-site installation and delivery in working order of steam traps, with 40 atmosphere operating pressure, up to 250 °C temperature, body, cover, disc and seating surfaces in stainless steel, with TSE quality certificate.		
25.334.1101	Ø15 mm (1/2")	4.561,25	183,75
25.334.1102	Ø20 mm (3/4")	4.667,81	231,56
25.334.1103	Ø25 mm (1")	4.858,75	258,75
25.334.1104	Ø32 mm (1 1/4")	11.062,19	285,94
25.334.1105	Ø40 mm (1 1/2")	11.268,13	351,88
25.334.1106	Ø50 mm (2")	11.678,13	421,88
25.334.1200	Thermostatic type, threaded; Supply, on-site installation, and delivery in working order of steam traps (TS-3144) with operating pressure of 10 atmospheres, body and cover made of malleable cast iron or high-grade brass, bellows of seamless phosphor bronze, monel, or tombac, valve and valve seats of stainless brass, complete with TSE certificate of conformity.		
25.334.1201	Ø15 mm (1/2")	6.797,50	183,75
25.334.1202	Ø20 mm (3/4")	7.825,31	231,56
25.334.1203	Ø25 mm (1")	8.207,50	258,75
25.334.1204	Ø32 mm (1 1/4")	8.884,69	285,94
25.334.1205	Ø40 mm (1 1/2")	9.174,38	351,88
25.334.1206	Ø50 mm (2")	10.520,63	421,88
25.334.1300	Float type, thermostatic, with air discharge, flanged; The supply to the work site, on-site installation and delivery in working order of steam trap, with PN-16 cast iron body, stainless steel float, valve, needle and seat, with TSE quality certification.		
25.334.1301	Ø15 mm	8.082,81	231,56
25.334.1302	Ø20 mm	8.111,25	258,75
25.334.1303	Ø25 mm	8.397,19	285,94
25.334.1304	Ø32 mm	15.026,88	351,88
25.334.1305	Ø40 mm	16.296,88	421,88
25.334.1306	Ø50 mm	19.924,06	449,06
25.334.1400	Reverse bucket type, flanged;		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	The supply to the work site, on-site installation and delivery in working order of PN-16, steam trap, with cast iron body and cover, stainless steel valve, needle and bucket seat, with TSE quality certification.		
25.334.1401	Ø15 mm	7.394,06	231,56
25.334.1402	Ø20 mm	7.770,00	258,75
25.334.1403	Ø25 mm	8.704,69	285,94
25.334.1404	Ø32 mm	15.751,88	351,88
25.334.1405	Ø40 mm	20.621,88	421,88
25.334.1406	Ø50 mm	26.961,56	449,06
25.337.1000	AIR SEPARATOR (Unit: Qty.) The supply to the work site and on-site installation of the air separators to discharge the air circulating in the heating system, made of brass or material in compliance with the standard TS ISO 1129, PN 16 class body, a stainless steel or equivalent air collecting screen in the air-water separator section, with a tap and automatic valve for venting the air on top of the body, operating at 120 °C water temperature and maximum 10 bar operating pressure.		
25.337.1100	Threaded Brass Air Separator with no discharge;		
25.337.1101	Ø15 mm (1/2")	2.652,19	135,94
25.337.1102	Ø20 mm (3/4")	3.235,63	163,13
25.337.1103	Ø25 mm (1")	3.384,38	163,13
25.337.1104	Ø32 mm (1 1/4")	4.134,06	190,31
25.337.1105	Ø40 mm (1 1/2")	4.596,25	217,50
25.337.1106	Ø50 mm (2")	5.547,50	217,50
25.337.1200	Welded Air Separator;		
25.337.1201	Ø50 mm	5.558,13	864,38
25.337.1202	Ø65 mm	6.285,00	918,75
25.337.1203	Ø80 mm	9.596,25	1.361,25
25.337.1204	Ø100 mm	10.347,50	1.470,00
25.337.1205	Ø125 mm	14.039,38	1.599,38
25.337.1206	Ø150 mm	16.512,50	1.837,50
25.337.1207	Ø200 mm	22.688,75	2.463,75
25.337.1300	Flanged Air Separator;		
25.337.1301	Ø50 mm	8.183,13	864,38
25.337.1302	Ø65 mm	10.605,00	918,75
25.337.1303	Ø80 mm	14.098,75	1.361,25
25.337.1304	Ø100 mm	16.107,50	1.470,00
25.337.1305	Ø125 mm	18.636,88	1.599,38
25.337.1306	Ø150 mm	21.437,50	1.837,50
25.337.1307	Ø200 mm	28.301,25	2.463,75
25.337.2000	SEDIMENT SEPARATOR (Unit: Qty.) The supply to the work site and installation of the sediment separators to discharge the sediment circulating in the heating system, made of stainless steel or material in compliance with the standard TS ISO 1129, PN 16 class body, a stainless steel or equivalent sediment collecting screen in the sediment separator section, with a ball valve for discharging the sediment on the bottom of the body, operating at 120 °C water temperature and maximum 10 bar pressure.		
25.337.2100	Welded Sediment Separator		
25.337.2101	Ø50 mm	4.499,38	864,38
25.337.2102	Ø65 mm	5.531,25	918,75
25.337.2103	Ø80 mm	8.082,50	1.361,25
25.337.2104	Ø100 mm	8.762,50	1.470,00
25.337.2105	Ø125 mm	12.501,88	1.599,38

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.337.2106	Ø150 mm	15.687,50	1.837,50
25.337.2107	Ø200 mm	24.451,25	2.463,75
25.337.2200	Flanged Sediment Separator;		
25.337.2201	Ø50 mm	7.324,38	864,38
25.337.2202	Ø65 mm	9.542,50	918,75
25.337.2203	Ø80 mm	13.443,75	1.361,25
25.337.2204	Ø100 mm	14.457,50	1.470,00
25.337.2205	Ø125 mm	19.449,38	1.599,38
25.337.2206	Ø150 mm	21.550,00	1.837,50
25.337.2207	Ø200 mm	26.901,25	2.463,75
25.337.3000	MAGNETIC FILTER (Unit: Qty.) In a CE-marked magnetic filter consisting of a cleaning flange, body, bar magnets, and magnet buckets, the magnets shall be capable of attracting magnetic particles in the water during each pass. The body should be made of carbon steel or stainless steel and coated with electrostatic powder paint. Bar magnets should not be in direct contact with water and should be neodymium N52 or N54 type with a high magnetic field. The outer surface must be coated with 304 stainless steel, must be resistant to a minimum of 80 °C and its magnetic strength must be at least as follows. Magnetic elements must be designed to be removable and attachable to the body. The product must have one discharge sleeve to remove accumulated sediment and dirt other than metal particles. Additionally, the product must be designed for a minimum working pressure of 10 bar. It must have a test pressure of 1.5 times the working pressure. Bar magnet surface and magnetic field measurements will be documented by accredited laboratories. Note: Total magnetic strength is defined as the vector sum of individual magnet contributions.		
25.337.3100	Magnetic Filter, flanged and without strainer;		
25.337.3101	50 Ø mm - total magnetic force of at least 20,000 Gauss	20.751,88	864,38
25.337.3102	65 Ø mm - total magnetic force of at least 20,000 Gauss	21.668,75	918,75
25.337.3103	80 Ø mm - total magnetic force of at least 20,000 Gauss	24.111,25	1.361,25
25.337.3104	100 Ø mm - total magnetic force of at least 20,000 Gauss	25.845,00	1.470,00
25.337.3105	125 Ø mm - total magnetic force of at least 30,000 Gauss	36.599,38	1.599,38
25.337.3106	150 Ø mm - total magnetic force of at least 30,000 Gauss	41.212,50	1.837,50
25.337.3107	200 Ø mm - total magnetic force of at least 40,000 Gauss	47.338,75	2.463,75
25.337.3108	250 Ø mm - total magnetic force of at least 50,000 Gauss	56.526,88	2.776,88
25.337.3200	Magnetic Filter, flanged and with removable strainer (made of stainless steel);		
25.337.3201	50 Ø mm - total magnetic force of at least 20,000 Gauss	21.864,38	864,38
25.337.3202	65 Ø mm - total magnetic force of at least 20,000 Gauss	23.118,75	918,75
25.337.3203	80 Ø mm - total magnetic force of at least 20,000 Gauss	25.361,25	1.361,25
25.337.3204	100 Ø mm - total magnetic force of at least 20,000 Gauss	27.720,00	1.470,00
25.337.3205	125 Ø mm - total magnetic force of at least 30,000 Gauss	38.474,38	1.599,38
25.337.3206	150 Ø mm - total magnetic force of at least 30,000 Gauss	42.462,50	1.837,50
25.337.3207	200 Ø mm - total magnetic force of at least 40,000 Gauss	50.563,75	2.463,75
25.337.3208	250 Ø mm - total magnetic force of at least 50,000 Gauss	59.026,88	2.776,88
25.340.1000	AUTOMATIC AIR PURGE DEVICE (TS-7817): (Unit: Qty.) The supply to the work site, on-site installation and delivery in working condition of air purge device at appropriate capacity to purge the accumulated air and gases in the liquid containers or pipes, made of bronze, cast iron, brass or steel according to the operating pressure and temperature, with stainless steel float or thermostat.		
25.340.1100	Automatic Air Purge Device for steam, threaded, PN-16;		
25.340.1101	Ø15 mm (1/2")	445,94	135,94
25.340.1102	Ø20 mm (3/4")	608,13	163,13
25.340.1200	Automatic Air Purge Device for water;		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.340.1201	Ø15 mm (1/2")	603,44	135,94
25.345.1000	NATURAL GAS SOLENOID VALVES (Unit: Qty.) The supply to the work site and installation of the solenoid valves manufactured in compliance with the Directive (2009/142/EC) on Gas Burning Devices, CE certified, used in natural gas and LPG lines, cutting the gas with the electrical signal it receives.		
25.345.1100	Solenoid valve with operating pressure up to 500 m bar, normally opened:		
25.345.1101	DN15 (1/2") Threaded	1.207,50	183,75
25.345.1102	DN20 (3/4") Threaded	1.427,81	231,56
25.345.1103	DN25 (1") Threaded	1.680,00	258,75
25.345.1104	DN32 (1¼") Threaded	2.235,94	285,94
25.345.1105	DN40 (1½") Threaded	2.463,13	351,88
25.345.1106	DN50 (2") Threaded	3.379,38	421,88
25.345.1107	DN65 (2½") Flanged	8.852,81	449,06
25.345.1108	DN80 (3") Flanged	9.888,75	616,25
25.345.1109	DN100 (4") Flanged	17.468,75	693,75
25.345.1110	DN125 (5") Flanged	32.923,13	748,13
25.345.1111	DN150 (6") Flanged	34.644,38	856,88
25.345.1112	DN200 (8") Flanged	90.964,06	1.139,06
25.345.1200	Solenoid valve with operating pressure up to 6 bars, normally opened:		
25.345.1201	DN15 (1/2") Threaded	2.116,25	183,75
25.345.1202	DN20 (3/4") Threaded	2.546,56	231,56
25.345.1203	DN25 (1") Threaded	2.693,75	258,75
25.345.1204	DN32 (1¼") Threaded	3.557,19	285,94
25.345.1205	DN40 (1½") Threaded	3.686,88	351,88
25.345.1206	DN50 (2") Threaded	5.060,63	421,88
25.345.1207	DN65 (2½") Flanged	11.186,56	449,06
25.345.1208	DN80 (3") Flanged	14.316,25	616,25
25.345.1209	DN100 (4") Flanged	23.868,75	693,75
25.345.1210	DN125 (5") Flanged	44.673,13	748,13
25.345.1211	DN150 (6") Flanged	46.731,88	856,88
25.345.1212	DN200 (8") Flanged	110.464,06	1.139,06
25.345.1300	Solenoid valve with operating pressure up to 500 m bar, normally closed:		
25.345.1301	DN15 (1/2") Threaded	2.538,75	183,75
25.345.1302	DN20 (3/4") Threaded	2.714,06	231,56
25.345.1303	DN25 (1") Threaded	3.015,00	258,75
25.345.1304	DN32 (1¼") Threaded	4.297,19	285,94
25.345.1305	DN40 (1½") Threaded	4.674,38	351,88
25.345.1306	DN50 (2") Threaded	5.918,13	421,88
25.345.1307	DN65 (2½") Flanged	13.036,56	449,06
25.345.1308	DN80 (3") Flanged	14.816,25	616,25
25.345.1309	DN100 (4") Flanged	24.031,25	693,75
25.345.1310	DN125 (5") Flanged	44.173,13	748,13
25.345.1311	DN150 (6") Flanged	44.694,38	856,88
25.345.1312	DN200 (8") Flanged	113.714,06	1.139,06
25.345.1400	Solenoid valve with operating pressure up to 6 bar, normally closed:		
25.345.1401	DN15 (1/2") Threaded	3.098,13	204,38
25.345.1402	DN20 (3/4") Threaded	3.822,81	231,56
25.345.1403	DN25 (1") Threaded	4.025,00	258,75

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.345.1404	DN32 (1¼") Threaded	5.375,94	285,94
25.345.1405	DN40 (1½") Threaded	5.966,88	351,88
25.345.1406	DN50 (2") Threaded	7.221,88	421,88
25.345.1407	DN65 (2½") Flanged	13.774,06	449,06
25.345.1408	DN80 (3") Flanged	17.078,75	616,25
25.345.1409	DN100 (4") Flanged	27.418,75	693,75
25.345.1410	DN125 (5") Flanged	46.335,63	748,13
25.345.1411	DN150 (6") Flanged	47.494,38	856,88
25.345.1412	DN200 (8") Flanged	125.939,06	1.139,06
25.345.2000	NATURAL GAS FILTERS (TS 10276) (Unit: Qty.) The supply to the work site and the on-site installation of filters manufactured in accordance with the Directive (2014/68/EU) on Pressure Equipment, CE certified, used to protect the devices such as burners, boilers, meters, regulators against the particles carried with the gas in the natural gas and LPG lines.		
25.345.2100	Threaded filters with operating pressure up to 2 bar:		
25.345.2101	DN15 (1/2") Threaded	695,00	183,75
25.345.2102	DN20 (3/4") Threaded	744,06	231,56
25.345.2103	DN25 (1") Threaded	775,00	258,75
25.345.2104	DN32 (1¼") Threaded	1.057,19	285,94
25.345.2105	DN40 (1½") Threaded	1.140,63	351,88
25.345.2106	DN50 (2") Threaded	1.244,38	421,88
25.345.2200	Flanged filters with operating pressure up to 2 bar:		
25.345.2201	DN65 (2½") Flanged	5.197,50	585,00
25.345.2202	DN80 (3") Flanged	6.065,00	616,25
25.345.2203	DN100 (4") Flanged	13.781,25	693,75
25.345.2204	DN125 (5") Flanged	22.023,13	748,13
25.345.2205	DN150 (6") Flanged	28.781,88	856,88
25.345.2206	DN200 (8") Flanged	70.936,88	1.149,38
25.345.2300	Threaded filters with operating pressure up to 6 bar:		
25.345.2301	DN15 (1/2") Threaded	870,00	183,75
25.345.2302	DN20 (3/4") Threaded	927,81	231,56
25.345.2303	DN25 (1") Threaded	972,50	258,75
25.345.2304	DN32 (1¼") Threaded	1.225,94	285,94
25.345.2305	DN40 (1½") Threaded	1.315,63	351,88
25.345.2306	DN50 (2") Threaded	1.563,13	421,88
25.345.2400	Flanged filters with operating pressure up to 6 bar:		
25.345.2401	DN25 (1") Flanged	3.727,50	258,75
25.345.2402	DN32 (1¼") with flange	4.167,19	285,94
25.345.2403	DN40 (1½") with flange	4.364,38	351,88
25.345.2404	DN50 (2") Flanged	4.514,38	421,88
25.345.2405	DN65 (2½") Flanged	6.302,50	585,00
25.345.2406	DN80 (3") Flanged	7.416,25	616,25
25.345.2407	DN100 (4") Flanged	13.693,75	693,75
25.345.2408	DN125 (5") Flanged	21.948,13	748,13
25.345.2409	DN150 (6") Flanged	28.731,88	856,88
25.345.2410	DN200 (8") Flanged	74.561,88	1.149,38
25.345.3000	NATURAL GAS REGULATORS WITH FILTERS (TS 10624) The supply to the work site and on-site installation in its designed location of the filter regulators, manufactured in accordance with the Directive (2014/68/EU) on Pressure Equipment, conforming to TSE		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	10624 standard, to reduce or keep natural gas or LPG pressure stable.		
25.345.3100	Filter Regulator up to 500 mbar;		
25.345.3101	DN15 (1/2") Threaded	1.607,50	183,75
25.345.3102	DN20 (3/4") Threaded	1.844,06	231,56
25.345.3103	DN25 (1") Threaded	1.893,75	258,75
25.345.3200	Filter Regulator up to 1 bar;		
25.345.3201	DN20 (3/4") Threaded	2.201,56	231,56
25.345.3202	DN25 (1") Threaded	2.250,00	258,75
25.345.3203	DN32 (1 1/4") Threaded	4.177,19	285,94
25.345.3204	DN40 (1 1/2") Threaded	4.513,13	351,88
25.345.3205	DN50 (2") Threaded	6.029,38	421,88
25.345.3206	DN65 (2 1/2") Flanged	22.930,63	605,63
25.345.4000	Safety shut off regulator with natural gas filter (TS 10624) The supply to the work site and on-site installation in its designed location of filter regulators, which are manufactured in accordance with the Directive (2014/68/EU) on Pressure Equipment, to reduce or keep natural gas or LPG pressure stable, in case of problems with the outlet pressure to cut-off the gas flow, with filter and safety shut-off.		
25.345.4100	Filter Regulators up to 1 bar;		
25.345.4101	DN20 (3/4") Threaded	3.166,56	231,56
25.345.4102	DN25 (1") Threaded	3.405,00	258,75
25.345.4103	DN32 (1 1/4") Threaded	6.380,94	285,94
25.345.4104	DN40 (1 1/2") Threaded	6.774,38	351,88
25.345.4105	DN50 (2") Threaded	8.026,88	421,88
25.345.4106	DN65 (2 1/2") Flanged	20.255,63	605,63
25.345.4200	Natural Gas Counter Enclosure Box: The supply to the work site and on-site installation in its designed location of natural gas meter enclosure box for the natural gas meters that are exposed to outdoor weather conditions in accordance with the natural gas specification, made of DKP sheet material, oven-drying painted, rubber gasket, sight glass on the meter box, ventilation louver and bendable cover lever. (iron fabrication will be paid on the item 15.550.1202)		
25.345.5100	Natural Gas Relief Valves (TS EN 14382 + A1): The supply to the work site and on-site installation in its designated location of relief valves in compliance with 2014/68/EU Pressure Equipment Directive, that discharge into the atmosphere in case of increase of natural gas or LPG pressure between 10 mbar and 6 bar which is used in Natural Gas and LPG lines.		
25.345.5101	10 - 40 mbar	2.652,50	347,50
25.345.5102	40 -110 mbar	2.755,94	413,44
25.345.5103	90 -160 mbar	2.835,31	467,81
25.345.5104	160-500 mbar	3.818,44	522,19
25.345.5105	400-2000 mbar	4.527,19	630,94
25.345.5106	300-6000 mbar	6.948,44	848,44
25.350.0000	CIRCULATION PUMPS: (Unit: Qty.) (TS EN 16297 / 1-2-3) The supply to the work site and on-site installation of circulation pumps to be selected from the technical documents according to the flow rate, pressure, power, efficiency in light of the approved project with static and dynamic balances, bronze, stainless steel, bakelite or cast iron fan and packing gland cover, dry or wet steel rotor, electric motor resistant up to 110 °C temperature, connected to the electric motor with elastic coupling or directly coupled.		
25.350.1000	Circulation Pump With Dry Rotor: Mountable to the straight pipe, with dry rotor, up to 1450 RPM: Dry-rotor, mountable on straight pipe (inline-type), cast iron body, wheel of composite material or cast iron, with 1450 RPM rotational speed circulating pumps, according to the "Decree for the Environmentally Sensitive Design Requirements Associated With the Electric Motors" issued by the Ministry of Science, Industry and Technology, the efficiency of the motor at the ratings of 0.75 kW and		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	above three-phase shall not be lower than the efficiency level of IE3. The supply to the work site, on-site installation and delivery in working order of the dry rotor, variable speed circulation pump, in the case of motors with this power at IE2 efficiency. For The Middle Point of the Characteristic Curve Flow Rate Pressure Pa m³/h mWC		
25.350.1001	0.5 - 2 (0.25-0.70) 2250- 5300	10.863,13	680,63
25.350.1002	2.1 - 4 (0.40-0.90) 3600- 8100	11.890,63	680,63
25.350.1003	2.1- 4 (0.91-2.00) 8.101-18.000	15.905,63	680,63
25.350.1004	2.1 - 4 (2.01-3.00) 18001-27000	18.655,63	680,63
25.350.1005	4.1- 8 (0.50-2.00) 4500-18000	23.226,88	864,38
25.350.1006	4.1 - 8 (2.01-3.50) 18001-31500	25.439,38	864,38
25.350.1007	4.1 - 8 (3.51-5.00) 31501-45000	26.251,88	864,38
25.350.1008	8.1-12 (0.50-2.00) 4500- 18000	28.344,38	1.231,88
25.350.1009	8.1-12 (2.01-3.51) 18001-31500	29.319,38	1.231,88
25.350.1010	8.1-12 (3.51-5.00) 31501-45000	31.119,38	1.231,88
25.350.1011	12.1-25 (0.50-2.00) 4500-18000	33.300,00	1.837,50
25.350.1012	12.1-25 (2.01-3.50) 18001-31500	34.737,50	1.837,50
25.350.1013	12.1-25 (3.51-5.00) 31501-45000	35.500,00	1.837,50
25.350.1014	25.1-60 (0.50-2.00) 4500-18000	37.726,25	2.463,75
25.350.1015	25.1-60 (2.01-3.50) 18001-31500	39.926,25	2.463,75
25.350.1016	25.1-60 (3.51-5.00) 31501-45000	41.926,25	2.463,75
25.350.1017	25.1-60 (5.01-7.00) 45001-63000	43.626,25	2.463,75
25.350.1018	60.1-100 (1.00-3.50) 9000-31500	49.731,88	3.069,38
25.350.1019	60.1-100 (3.51-5.00) 31500-45000	51.256,88	3.069,38
25.350.1020	60.1-100 (5.01-7.00) 45001-63000	53.031,88	3.069,38
25.350.1021	60.1-100 (7.01-8.50) 63001-76500	64.094,38	3.069,38
25.350.2000	Circulation Pump With Dry Rotor; dry rotor, inline type, speed up to 2950 RPM: The supply, on-site installation and delivery in working order of the circulation pumps, with dry-rotor, mountable on straight pipe (inline-type), cast iron body, wheel of composite material or cast iron, with 2900 RPM rotational speed circulating pumps, furnished in accordance with the “Communiqué on the Environmentally Sensitive Design Requirements Associated With the Electric Motors” issued by the Ministry of Science, Industry and Technology, the efficiency of the motor at the ratings of 0.75 kW and above, three-phase, shall not be lower than the efficiency level of IE3. Unit prices with installation and installation charges for the 1,450-rpm pumps in the item 25.350.1000 shall be charged with 10% deduction.		
25.350.3000	Circulating Pump with Variable Speed (Frequency Converter) and Wet Rotor: (TS EN 16297 / 1-2-3) The supply, on-site installation and delivery in working order of wet rotor circulation pumps mountable to straight pipes in accordance with the “Decree for the Environmentally Sensitive Associated With the Circulation Pumps Without Glands Independent and Integrated to the Products” the circulation pumps with $EEI \leq 0.23$ energy efficiency index (energy efficiency measurements will be documented by TSE or internationally accredited testing laboratories), below PN10 pressure class, with motors having self-protection against penning, overload and overheating, internal or external frequency converter, differential head suitable for $\Delta p-c$ and $\Delta p-V$ control modes and fault signal information can be displayed on it without the necessity of any extra equipment, automatic regulation scheme with an internal screen capable to adjust the differential head with a maximum of 0.5 m increments, the body material of the wet rotor circulation pumps with frequency converters to be at least TS 552 EN1561/ENGJL 200 (GG20), metal impregnated carbon bearings, impeller stainless steel or glass fiber reinforced polypropylene, pump shaft is made of a material conforming to TS EN 10088-3 standard and pump insulation class is at least IP44 or IPX4D, motor protection class F, operating temperature range between -10 °C / + 110 °C in accordance with the hot water circulation pumps class in accordance with TF95. NOTE: 1- The point values specified in the approved implementation design shall be taken into consideration in the selection and procurement of the pumps.		

Item No	Job Type		UP+Instal.	Instal. Cost (TRY)
	2-The ranges indicated in the items refer to pump operation areas based on the approximate cost. Flow Pressure m³/h mWC			
25.350.3001	(0.5 - 3.5)	(1 – 3)	8.954,38	1.231,88
25.350.3002	(3.5 - 7.0)	(1 – 3)	25.144,38	1.231,88
25.350.3003	(7 - 11)	(1 – 3)	29.262,50	1.837,50
25.350.3004	(3 - 6)	(3 – 5)	29.350,00	1.837,50
25.350.3005	(6 - 9)	(3 – 5)	30.737,50	1.837,50
25.350.3006	(9 - 12)	(3 – 5)	42.438,75	2.463,75
25.350.3007	(12 - 17)	(3 – 5)	47.013,75	2.463,75
25.350.3008	(12 - 20)	(5 – 10)	61.594,38	3.069,38
25.350.3009	(20 - 28)	(5 – 10)	76.456,88	3.069,38
25.350.3010	(28 - 36)	(5 – 10)	87.556,88	3.069,38
25.350.3011	(36 - 50)	(5 – 10)	102.875,00	3.675,00
25.350.4000	Circulating Pump with Variable Speed (Frequency Converter) Dry Rotor: The supply, on-site installation and delivery in working order of the circulation pumps, with dry-rotor, mountable on straight pipe (inline-type), cast iron body, wheel of composite material or cast iron, with frequency converter, furnished in accordance with the “Decree for the Environmentally Sensitive Design Requirements Associated With the Electric Motors” issued by the Ministry of Science, Industry and Technology, the efficiency of the motor at the ratings of 0.75 kW and above, three-phase, shall not be lower than the efficiency level of IE3. NOTE: 1- The point values specified in the approved implementation design shall be taken into consideration in the selection and procurement of the pumps. 2-The ranges indicated in the items refer to pump operation areas based on the approximate cost. Flow Pressure (m³/h) (mWC)			
25.350.4001	4-13	1-10	87.387,50	1.837,50
25.350.4002	6-14.5	1-14	89.925,00	1.837,50
25.350.4003	6-14.5	1-26	92.363,75	2.463,75
25.350.4004	12-34	1-17	111.719,38	3.069,38
25.350.4005	17-38	1-20	114.725,00	3.675,00
25.350.4006	18-42	1-27	125.019,38	4.906,88
25.350.4007	20-52	1-30	146.762,50	5.512,50
25.350.4008	24-56	1-20	137.906,88	4.906,88
25.350.4009	26-56	1-20	144.031,88	4.906,88
25.350.4010	26-60	1-17	130.031,88	4.906,88
25.350.4011	32-100	1-14	155.512,50	5.512,50
25.350.4012	36-80	1-20	153.387,50	5.512,50
25.350.4013	44-120	1-18	159.887,50	5.512,50
25.350.4014	45-135	1-40	248.619,38	6.744,38
25.350.4015	50-155	1-52	232.850,00	7.350,00
25.350.4016	52-104	1-64	262.225,00	7.350,00
25.350.4017	60-155	1-48	269.975,00	7.350,00
25.350.4018	65-130	1-30	217.994,38	6.744,38
25.350.4019	90-230	1-21	233.619,38	6.744,38
25.350.4020	90-250	1-25	281.119,38	6.744,38
25.350.4021	90-270	1-28	282.850,00	7.350,00

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.350.4022	120-260 1-30	300.725,00	7.350,00
25.355.0000	CENTRIFUGAL PUMPS (single or multi-stage): (Unit: Qty.) (TS EN ISO 9905, TS EN ISO 9908, TS EN ISO 2858) The supply to the work site, on-site installation and delivery in working order of the pumps to be used for circulation or other purposes, resistant to 105 °C, single or multi-stage, electric motor with IE3 and higher efficiency class if rated 0.75-kW and above as per the "Communiqué on Environmentally Sensitive Design Requirements for Electric Motors", to be selected from the technical documents according to the flow rate, pressure, power, efficiency, inlet and outlet sizes, fan diameter, motor type, speed and power in light of the approved design, installed and aligned on a common base with the electric motor. NOTE: 1- The detail of the base of the pump will be given to the administration. 2- The point values specified in the approved implementation design shall be taken into consideration in the selection and procurement of the pumps. 3- The ranges indicated in the items refer to pump operation areas based on the approximate cost.		
25.355.1000	Centrifugal Pump; Up to 1500 RPM For The Middle Point of the Characteristic Curve Flow Rate Pressure Pa m³/h mWC		
25.355.1001	3 - 5 (3.0 - 5) 27.000 - 45.000	31.357,50	1.545,00
25.355.1002	3 - 5 (5.1 - 10) 45.001 - 90.000	33.508,13	1.783,13
25.355.1003	3 - 5 (10.1 - 15) 90.001 - 135.000	37.300,00	1.912,50
25.355.1004	3 - 5 (15.1 - 20) 135.001 - 180.000	40.083,75	2.021,25
25.355.1005	3 - 5 (20.1 - 30) 180.001 - 270.000	41.305,00	2.205,00
25.355.1006	3 - 5 (30.1 - 40) 270.001 - 360.000	54.634,38	2.334,38
25.355.1007	3 - 5 (40.1 - 60) 360.001 - 540.000	57.005,63	2.518,13
25.355.1008	3 - 5 (60.1 - 80) 540.001 - 720.000	69.801,88	2.701,88
25.355.1009	3 - 5 (80.1 - 100) 720.001 - 900.000	74.693,75	2.831,25
25.355.1010	5.1 - 10 (3.0 - 5) 27.000 - 45.000	33.028,75	1.728,75
25.355.1011	5.1 - 10 (5.1 - 10) 45.001 - 90.000	34.016,88	1.966,88
25.355.1012	5.1 - 10 (10.1 - 15) 90.001 - 135.000	38.025,63	2.150,63
25.355.1013	5.1 - 10 (15.1 - 20) 135.001 - 180.000	41.680,00	2.280,00
25.355.1014	5.1 - 10 (20.1 - 30) 180.001 - 270.000	43.251,25	2.463,75
25.355.1015	5.1 - 10 (30.1 - 40) 270.001 - 360.000	57.010,00	2.647,50
25.355.1016	5.1 - 10 (40.1 - 60) 360.001 - 540.000	59.868,75	2.831,25
25.355.1017	5.1 - 10 (60.1 - 80) 540.001 - 720.000	70.977,50	3.015,00
25.355.1018	5.1 - 10 (80.1 - 100) 720.001 - 900.000	79.223,75	3.123,75
25.355.1019	10.1- 20 (3.0- 5) 27.000- 45.000	35.958,75	2.021,25
25.355.1020	10.1- 20 (5.1- 10) 45.001- 90.000	37.521,88	2.334,38
25.355.1021	10.1- 20 (10.1- 15) 90.001-135.000	39.230,63	2.518,13
25.355.1022	10.1- 20 (15.1- 20) 135.001-180.000	44.672,50	2.647,50
25.355.1023	10.1- 20 (20.1- 30) 180.001-270.000	46.735,63	2.885,63
25.355.1024	10.1- 20 (30.1- 40) 270.001-360.000	63.552,50	3.015,00
25.355.1025	10.1- 20 (40.1- 60) 360.001-540.000	64.057,50	3.307,50
25.355.1026	10.1- 20 (60.1- 80) 540.001-720.000	86.166,25	3.491,25
25.355.1027	10.1- 20 (80.1-100) 720.001-900.000	94.770,63	3.620,63
25.355.1028	21- 30 (3.0- 5) 27.000- 45.000	41.130,00	2.205,00
25.355.1029	21- 30 (5.1- 10) 45.001- 90.000	42.297,50	2.572,50
25.355.1030	21- 30 (10.1- 15) 90.001-135.000	42.856,25	2.756,25
25.355.1031	21- 30 (15.1- 20) 135.001-180.000	49.015,00	2.940,00
25.355.1032	21- 30 (20.1- 30) 180.001-270.000	49.548,75	3.198,75

Item No	Job Type			UP+Instal.	Instal. Cost (TRY)
25.355.1033	21- 30	(30.1- 40)	270.001-360.000	74.907,50	3.382,50
25.355.1034	21- 30	(40.1- 60)	360.001-540.000	76.670,63	3.620,63
25.355.1035	21- 30	(60.1- 80)	540.001-720.000	101.546,25	3.858,75
25.355.1036	21- 30	(80.1-100)	720.001-900.000	118.467,50	4.042,50
25.355.1037	31- 40	(3.0- 5)	27.000- 45.000	41.930,00	2.205,00
25.355.1038	31- 40	(5.1- 10)	45.001- 90.000	47.122,50	2.572,50
25.355.1039	31- 40	(10.1- 15)	90.001-135.000	47.468,75	2.756,25
25.355.1040	31- 40	(15.1- 20)	135.001-180.000	52.765,00	2.940,00
25.355.1041	31- 40	(20.1- 30)	180.001-270.000	69.361,25	3.198,75
25.355.1042	31- 40	(30.1- 40)	270.001-360.000	77.295,00	3.382,50
25.355.1043	31- 40	(40.1- 60)	360.001-540.000	114.795,63	3.620,63
25.355.1044	31- 40	(60.1- 80)	540.001-720.000	128.808,75	3.858,75
25.355.1045	31- 40	(80.1-100)	720.001-900.000	152.667,50	4.042,50
25.355.1046	41- 50	(3.0- 5)	27.000- 45.000	43.305,63	2.518,13
25.355.1047	41- 50	(5.1- 10)	45.001- 90.000	49.085,63	2.885,63
25.355.1048	41- 50	(10.1- 20)	90.001-180.000	57.161,25	3.123,75
25.355.1049	41- 50	(15.1- 20)	135.001-180.000	59.657,50	3.307,50
25.355.1050	41- 50	(20.1- 30)	180.001-270.000	75.141,25	3.566,25
25.355.1051	41- 50	(30.1- 40)	270.001-360.000	94.662,50	3.750,00
25.355.1052	41- 50	(40.1- 60)	360.001-540.000	123.330,00	4.117,50
25.355.1053	41- 50	(60.1- 80)	540.001-720.000	124.268,13	4.355,63
25.355.1054	41- 50	(80.1-100)	720.001-900.000	152.598,13	4.723,13
25.355.1055	51- 60	(3.0- 5)	27.000- 45.000	44.735,00	2.572,50
25.355.1056	51- 60	(5.1- 10)	45.001- 90.000	50.027,50	3.015,00
25.355.1057	51- 60	(10.1- 15)	90.001-135.000	57.615,63	3.253,13
25.355.1058	51- 60	(15.1- 20)	135.001-180.000	67.861,88	3.436,88
25.355.1059	51- 60	(20.1- 30)	180.001-270.000	86.037,50	3.675,00
25.355.1060	51- 60	(30.1- 40)	270.001-360.000	105.696,25	3.933,75
25.355.1061	51- 60	(40.1- 60)	360.001-540.000	128.263,75	4.226,25
25.355.1062	51- 60	(60.1- 80)	540.001-720.000	142.860,00	4.485,00
25.355.1063	51- 60	(80.1-100)	720.001-900.000	176.723,13	4.723,13
25.355.1064	61- 80	(3.0- 5)	27.000- 45.000	47.610,00	2.572,50
25.355.1065	61- 80	(5.1- 10)	45.001- 90.000	53.148,75	3.123,75
25.355.1066	61- 80	(10.1- 15)	90.001-135.000	65.595,00	3.382,50
25.355.1067	61- 80	(15.1- 20)	135.001-180.000	78.353,75	3.566,25
25.355.1068	61- 80	(20.1- 30)	180.001-270.000	99.296,25	3.858,75
25.355.1069	61- 80	(30.1- 40)	270.001-360.000	111.567,50	4.117,50
25.355.1070	61- 80	(40.1- 60)	360.001-540.000	134.235,00	4.485,00
25.355.1071	61- 80	(60.1- 80)	540.001-720.000	174.223,13	4.723,13
25.355.1072	61- 80	(80.1-100)	720.001-900.000	181.781,88	4.906,88
25.355.1073	81-100	(3.0- 5)	27.000- 45.000	52.498,13	2.885,63
25.355.1074	81-100	(5.1- 10)	45.001- 90.000	64.932,50	3.307,50
25.355.1075	81-100	(10.1- 15)	90.001-135.000	74.678,75	3.566,25
25.355.1076	81-100	(15.1- 20)	135.001-180.000	83.100,00	3.750,00
25.355.1077	81-100	(20.1- 30)	180.001-270.000	109.217,50	4.117,50
25.355.1078	81-100	(30.1- 40)	270.001-360.000	117.368,13	4.355,63
25.355.1079	81-100	(40.1- 60)	360.001-540.000	162.043,75	4.668,75

Item No	Job Type			UP+Instal.	Instal. Cost (TRY)
25.355.1080	81-100	(60.1- 80)	540.001-720.000	176.086,25	4.961,25
25.355.1081	81-100	(80.1-100)	720.001-900.000	244.970,00	5.220,00
25.355.1082	101-150	(5.0- 10)	45.000- 90.000	73.291,25	3.491,25
25.355.1083	101-150	(10.1- 15)	90.001-135.000	96.241,88	3.804,38
25.355.1084	101-150	(15.1- 20)	135.001-180.000	99.405,00	4.042,50
25.355.1085	101-150	(20.1- 30)	180.001-270.000	108.455,63	4.355,63
25.355.1086	101-150	(30.1- 40)	270.001-360.000	132.843,75	4.593,75
25.355.1087	101-150	(40.1- 60)	360.001-540.000	163.161,25	5.036,25
25.355.1088	101-150	(60.1- 80)	540.001-720.000	290.399,38	5.274,38
25.355.1089	101-150	(80.1-100)	720.001-900.000	414.637,50	5.512,50
25.355.1090	101-300	(10.0- 20)	90.000-180.000	112.567,50	4.042,50
25.355.1091	101-300	(20.1- 35)	180.001-315.000	159.235,00	4.485,00
25.355.1092	151-300	(35.1- 55)	315.001-495.000	229.637,50	5.512,50
25.355.1093	151-300	(56.0- 80)	504.000-720.000	356.205,00	5.955,00
25.355.1094	151-300	(81.0-120)	729.000-1.080.000	402.681,25	6.431,25
25.355.1095	151-300	(121-160)	1.081.000-1.440.000	470.498,75	6.873,75
25.355.1200	Centrifugal pump; up to 3000 RPM other features are the same as item 25.355.1000				
	Unit prices with installation and installation charges for the 1,500-rpm centrifugal pumps in the item 25.355.1000 shall be charged with 10% deduction.				
25.355.2000	SUPER HEATED WATER PUMPS (Unit: Qty.)				
	The supply to the work site and installation in its designed location of the pumps with quality certificates to be selected from the technical documents according to the pump body, shaft, fan, seals, gland, axial sectional view, kind of fluid, operating pressure and temperature, flow rate, differential head, efficiency, power, efficiency and net plus (+), suction head characteristics, pump dimensions, inlet and outlet sizes, fan diameter, cooling water flow rate, motor type, speed and power in light of the approved design, installed and aligned on a common base with the electric motor. (The detail documents for the pump base shall be given to the administration)				
25.355.3000	Super heated water pump; at 10 Atmosphere, operating at 140 °C operating pressure and temperature, up to 1500 RPM;				
	Unit prices with installation and installation charges for the 1,500-rpm centrifugal pumps in the item 25.355.1000 shall be charged with 25% increase.				
25.355.4000	Super heated water pump; at 10 Atmosphere, operating at 140 °C operating pressure and temperature, up to 3000 RPM;				
	Unit prices with installation and installation charges for the 1,500-rpm centrifugal pumps in the item 25.355.1000 shall be charged with 15% increase.				
25.355.5000	Super heated water pump; at 12 Atmosphere, operating at 170 °C operating pressure and temperature, up to 1500 RPM;				
	Unit prices with installation and installation charges for the 1,500-rpm centrifugal pumps in the item 25.355.1000 shall be charged with 50% increase.				
25.355.6000	Super heated water pump; at 12 Atmosphere, operating at 170 °C operating pressure and temperature, up to 3000 RPM;				
	Unit prices with installation and installation charges for the 1,500-rpm centrifugal pumps in the item 25.355.1000 shall be charged with 30% increase.				
25.355.7000	Super heated water pump; at 20 Atmosphere, operating at 200 °C operating pressure and temperature, up to 1500 RPM;				
	Unit prices with installation and installation charges for the 1,500-rpm centrifugal pumps in the item 25.355.1000 shall be charged with 100% increase.				
25.355.8000	Super heated water pump; at 20 Atmosphere, operating at 200 °C operating pressure and temperature, up to 3000 RPM;				
	Unit prices with installation and installation charges for the 1,500-rpm centrifugal pumps in the item 25.355.1000 shall be charged with 80% increase.				
25.355.9000	NATIONAL CENTRIFUGAL PUMPS WITH VERTICAL SHAFT (single or multi-stage): (Unit: Qty.)				
	The supply, on-site installation and delivery in working order of single-stage or multi-stage				

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	national vertical centrifugal pumps, other features the same as given in item 25.355.0000. For The Middle Point of the Characteristic Curve Flow rate m³/h Pressure mWC Pa		
25.355.9001	0.8-4.0 (15-35) 135.000 - 315.000	23.200,00	1.837,50
25.355.9002	1.2-5.0 (22-50) 198.000 - 450.000	24.075,00	1.837,50
25.355.9003	1.8-5.5 (23-65) 207.000 - 585.000	28.213,75	2.463,75
25.355.9004	2.1-6.5 (24-75) 216.000 - 675.000	28.938,75	2.463,75
25.355.9005	2.5-6.8 (25-85) 225.000 - 765.000	32.569,38	3.069,38
25.355.9900	Construction of a concrete base; The construction of a concrete base to protrude 5 cm from four sides of the pump's metal base and to have with 30 cm thickness for motor powers up to 5 kW. 40 cm for motor powers up to 30 kW, 50 cm for motor powers up to 50 kW. Estimated (to be paid with unit prices for construction works); (foundation plan for powers of more than 50 kW shall be given.)		
25.360.1000	DRAIN PUMPS: (Unit: Qty.)		
25.360.1100	Submersible Type Drainage Pump; The supply to the work site and installation of submersible drainage pump, vertical type, in accordance with the standard TS 12599, used for the pressurization of clean or slightly contaminated turbid waters containing no large particles and fibrous materials, with or without floater, single-phase or three-phase, pump body GG 25 cast iron, composite or stainless steel, motor housing GG 25 cast iron, composite or stainless steel, motor shaft made of stainless steel, motor and pump isolated from each other by mechanical seal, pump impeller made of thermoplastic material or cast iron, with at least 5 m long electrical cable and carrying chain, with IP68 protection class, ISO 9001 quality assurance certificate. Flow rate (m³/h) Pressure (mWC)		
25.360.1101	2.0 - 6.0 (3.0 -6.0)	11.155,00	1.462,50
25.360.1102	3.0 - 10 (3.0 -6.0)	12.355,00	1.462,50
25.360.1103	3.0 - 10 (4.0 -7.0)	14.029,38	1.516,88
25.360.1104	3.0 - 15 (4.0 -10)	14.971,88	1.734,38
25.360.1105	2.0 - 15 (7.0 -15)	20.793,75	2.006,25
25.360.1106	2.0 - 10 (12 – 20)	25.243,75	2.006,25
25.360.1107	5.0 - 40 (3.0 -15)	30.978,13	2.278,13
25.360.1108	5.0 - 40 (5.0 -15)	38.353,13	2.278,13
25.360.1109	5.0 - 50 (7.0 -25)	64.400,00	2.550,00
25.360.1200	Submersible Type Drain Pump; The supply to the work site and installation of submersible drain pump, vertical type, in accordance with the standard TS 12599, with TS EN ISO 9001 quality certificate, protected against overheating by a temperature sensor, protected against water leaks by a moisture sensor placed to the motor, working between 0 °C and 40 °C ambient temperature, used for the pressurization of very dirty and septic waters containing solid matter and short fibrous materials, works entirely dipped into the water, with or without float, compact, portable, hand carried or with guide rope system, body GG 25 cast iron, composite or stainless steel, motor shaft made of stainless steel, motor and pump isolated from each other by mechanical seal, motor winding resistant to overheating, with adequate cooling system and, when necessary, rewindable, IP68 protection class, external control panel with 10 m electric cable connected to the panel in a way to provide full tightness, designed in such a way that no water gets into the pump in case the cable is sheared off, for portable types a pump fixing pedestal together with the pump, counter flange, fixing console for the bearing pipes, guide rope lifting system with the fixed types, galvanized steel or AISI 304 carrying chain, all other installation materials. Flow rate (m³/h) Pressure (mWC)		
25.360.1201	5.0 - 10 (5.0 -10)	16.320,63	1.408,13
25.360.1202	5.0 - 10 (10 - 15)	22.954,38	1.516,88
25.360.1203	5.0 - 10 (15 -20)	32.963,13	1.625,63
25.360.1204	10 - 15 (5.0 -10)	29.845,63	1.408,13

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.360.1205	10 - 15 (10 - 15)	34.742,50	1.680,00
25.360.1206	15 - 20 (5.0 -10)	39.192,50	1.680,00
25.360.1207	15 - 20 (10 - 15)	47.755,63	1.843,13
25.360.1208	15 - 20 (15 - 20)	59.172,50	1.897,50
25.360.1209	20 - 25 (10 - 15)	57.360,00	1.897,50
25.360.1210	20 - 25 (15 - 20)	73.493,75	2.006,25
25.360.1211	20 - 25 (20 - 30)	92.656,88	2.169,38
25.360.1212	25 - 30 (20 - 25)	96.231,88	2.169,38
25.360.1213	25 - 30 (25 - 30)	96.840,63	2.278,13
25.360.1214	25 - 30 (30 - 35)	103.670,00	2.332,50
25.360.1215	30 - 40 (30 - 35)	123.441,25	2.441,25
25.360.1216	30 - 40 (35 - 40)	163.495,63	2.495,63
25.360.1217	30 - 40 (40 - 45)	195.675,00	2.550,00
25.360.1218	40 - 50 (35 - 40)	213.229,38	2.604,38
25.360.1219	40 - 50 (40 - 45)	257.588,13	2.713,13
25.360.1220	40 - 50 (45- 50)	292.767,50	2.767,50
25.360.1300	Submersible Type Drain Pump with Shredder Blades; The supply to the work site and installation of submersible drain pump (with shredder blades), vertical type, in accordance with the standard TS 12599, with TS EN ISO 9001 quality certificate, protected against overheating by a temperature sensor, protected against water leaks by a moisture sensor placed to the motor, working between 0 °C and 40 °C ambient temperature, used for the pressurization of very dirty and septic waters containing solid matter and short fibrous materials, works entirely dipped into the water, with or without floater, compact, portable, hand carried or with guide rope system (with shredder blades), body GG 25 cast iron, composite or stainless steel, motor shaft made of stainless steel, motor and pump sides isolated from each other by mechanical seal, motor winding resistant to overheating, with adequate cooling system and, when necessary, rewindable, IP68 protection class (shredder blades made of very hard stainless steel and replaceable as required), control panel with 10 m electric cable connected to the panel to provide full tightness, designed in such a way that no water gets into the pump in case the cable is sheared off, for portable types a pump fixing pedestal together with the pump, counter flange, fixing console for the bearing pipes, guide rope lifting system with the fixed type guide ropes, galvanized steel or AISI 304 carrying chain, all other installation materials and 10 m cable. Flow rate (m³/h) Pressure (mWC)		
25.360.1301	5.0 - 10 (5.0 -10)	39.483,13	1.408,13
25.360.1302	5.0 - 10 (10 - 15)	46.941,88	1.516,88
25.360.1303	5.0 - 10 (15 -20)	52.688,13	1.625,63
25.360.1304	10 - 15 (5.0 -10)	49.746,25	1.571,25
25.360.1305	10 - 15 (10 - 15)	55.305,00	1.680,00
25.360.1306	15 - 20 (5.0 -10)	55.592,50	1.680,00
25.360.1307	15 - 20 (10 - 15)	56.930,63	1.843,13
25.360.1308	15 - 20 (15 - 20)	66.335,00	1.897,50
25.365.1000	PIPE PAINTING; (Unit: m)		
25.365.1100	Pipe painting, with red lead paint; (Unit: m)		
25.365.1101	Ø15 mm – 50 Ø mm. between (1/2" - 2") including (2")	40,38	35,31
25.365.1102	Ø50 mm – 100 Ø mm. between (2" - 4") including (4")	80,75	70,63
25.365.1103	Ø100 mm – 150 Ø mm. between (4" - 6") including (6")	120,84	105,94
25.365.1104	Ø150 mm – 200 Ø mm. between (6" - 8") including (8")	161,11	141,25
25.365.1105	Ø200 mm – 250 Ø mm. between (8" - 10") including (10")	187,95	163,13
25.365.1106	Ø250 mm – 300 Ø mm. between (10" - 12") including (12")	228,54	198,75
25.365.1107	Ø300 mm – 350 Ø mm. between (12" - 14") including (14")	268,50	233,75

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.365.1108	350 Ø mm. – 400 Ø mm. between (14" - 16") including (16")	308,79	269,06
25.365.1109	400 Ø mm. – 450 Ø mm. between (16" - 18") including (18")	347,81	303,13
25.365.1110	450 Ø mm. – 500 Ø mm. (18" - 20") and above	377,46	327,81
25.365.1200	Coating pipes, with oily paint; (Unit: m) Painting of free pipes with two coats of heat resistant oil paint.		
25.365.1201	Ø15 mm - 50 Ø mm. between (1/2" - 2") including (2")	41,31	35,31
25.365.1202	Ø50 mm - 100 Ø mm. between (2" - 4") including (4")	82,40	70,63
25.365.1203	Ø100 mm - 150 Ø mm. between (4" - 6") including (6")	122,04	104,38
25.365.1204	Ø150 mm - 200 Ø mm. between (6" - 8") including (8")	162,93	139,38
25.365.1205	Ø200 mm - 250 Ø mm. between (8" - 10") including (10")	193,19	163,75
25.365.1206	Ø250 mm - 300 Ø mm. between (10" - 12") including (12")	234,08	198,75
25.365.1207	Ø300 mm - 350 Ø mm. between (12" - 14") including (14")	274,96	233,75
25.365.1208	350 Ø mm. - 400 Ø mm. between (14" - 16") including (16")	315,54	268,44
25.365.1209	400 Ø mm. - 450 Ø mm. between (16" - 18") including (18")	356,11	303,13
25.365.1210	450 Ø mm. - 500 Ø mm. (18" - 20") and above	386,69	327,81
25.365.2000	INSULATION AGAINST RUST: After the cleaning of the metal surfaces, the application of heat by using fibrosing insulation membrane.		
25.365.2100	Fiberglass insulation on sheet metal surfaces such as reservoirs; (Unit: m²)	176,88	83,13
25.365.2200	Fiberglass insulation on pipes; (Unit: m)		
25.365.2201	Ø15 mm – 50 Ø mm. between (1/2" - 2") including (2")	30,56	15,56
25.365.2202	Ø50 mm – 100 Ø mm. between (2" - 4") including (4")	54,98	25,94
25.365.2203	Ø100 mm – 150 Ø mm. between (4" - 6") including (6")	82,48	38,44
25.365.2204	Ø150 mm – 200 Ø mm. between (6" - 8") including (8")	110,94	51,88
25.365.2205	Ø200 mm – 250 Ø mm. between (8" - 10") including (10")	144,69	70,63
25.365.2206	Ø250 mm – 300 Ø mm. between (10" - 12") including (12")	168,13	80,00
25.365.2207	Ø300 mm – 350 Ø mm. between (12" - 14") including (14")	202,81	99,69
25.365.2208	350 Ø mm. – 400 Ø mm. (14" - 16") and above.	227,20	109,06
25.365.3000	VARIOUS METAL MANUFACTURING WORKS; (Unit: kg.)		
25.365.3100	To be made of steel profiles by welding, to be used after the grinding of the weld seams only (in compliance with the design drawing, including the material). Construction works shall be paid as per the item 15.550.1202.		
25.365.3200	To be made of brass profile or bars by welding or riveting, to be used after the grinding of the weld seam only (in compliance with the design drawing, including the material).	378,13	54,38
25.365.3300	To be made of aluminum profile and bars by welding or riveting, to be used after the grinding of the weld seam only. (In compliance with the design drawing, including the material)	233,13	54,38
25.365.3400	Modular Console systems made of galvanized steel profiles (Unit: kg) A modular profile system of perforated profiles with G or Box section, 1.5-mm to 4-mm wall thickness and clamps attached to such profiles, which shall be made of S235 JR steel material, manufactured by cold forming as per the TSE K 90 °Criteria, and coated with pre-galvanized steel sheet in compliance with TS EN 10346 or hot-dip galvanized coating in compliance with EN ISO 1461, with static and strength calculations made in accordance with the approved production project designs. Delivery in installed form of all modular console systems including ceiling fitting bases, corner joints, clamps and all fittings, with fittings made by a bolt-nut-washer system (in compliance with the quality standards TS EN ISO 898-1 / TS EN ISO 4014, TS EN ISO 898-2 / TS EN ISO 4032, TS EN ISO 898-3), which shall be designed by calculation reports prepared with reference to the calculations of strength and anchorage under load using professional calculation software by the manufacturer.	305,13	32,63
25.400.0000	TECHNICAL INSULATION Glass Wool and Rock Wool Mats, Boards and Prefabricated Pipes produced in compliance with the TS EN 14303 standard and bearing a CE compliance marking, Rubber Foam Prefabricated Pipes and Boards produced in compliance with the TS EN 14304		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	standard and bearing a CE compliance marking, Polyethylene Foam Prefabricated Pipes and Boards produced in compliance with the TS EN 14313 standard and bearing a CE compliance marking.		
25.400.1000	For storage tanks etc., thermal insulation of flat surfaces and (14") pipes with diameters larger than Ø356 mm with rock wool rabbit wire mattress and rock wool boards; (Unit: m²) Cleaning the rust and dust and applying two coats of red lead paint on flat surfaces such as storage tanks, followed by the supply, transportation to the work site, and installation of the rock wool technical insulation material in the following density, with at least 0.65 mm wire diameter and at most 25 mm pore size, mat-type, sewn on rabbit wire, with a reaction to fire class of A1. Note: Red lead paint is not included in the unit price. Aluminum or galvanized steel sheet plating is not included in the cost. Sheet coatings on the insulation materials applied on flat surfaces such as storage tanks shall be estimated based on item 25.400.1050, and sheet coatings on pipes insulated with rabbit wire rock wool mattress shall be estimated based on item 25.400.9000.		
25.400.1001	3.0 cm thick rabbit wire rock wool mattress, 80 kg/m³	587,50	367,50
25.400.1002	4.0 cm thick rabbit wire rock wool mattress, 80 kg/m³	710,00	442,50
25.400.1003	5.0 cm thick rabbit wire rock wool mattress, 80 kg/m³	802,19	469,69
25.400.1004	6.0 cm thick rabbit wire rock wool mattress, 80 kg/m³	928,13	496,88
25.400.1005	8.0 cm thick rabbit wire rock wool mattress, 80 kg/m³	1.128,75	551,25
25.400.1006	10 cm thick rabbit wire rock wool mattress, 80 kg/m³	1.320,00	626,25
25.400.1007	12 cm thick rabbit wire rock wool mattress, 80 kg/m³	1.459,38	680,63
25.400.1008	3.0 cm thick rabbit wire rock wool mattress, 125 kg/m³	583,75	367,50
25.400.1009	4.0 cm thick rabbit wire rock wool mattress, 125 kg/m³	702,50	442,50
25.400.1010	5.0 cm thick rabbit wire rock wool mattress, 125 kg/m³	797,19	469,69
25.400.1011	6.0 cm thick rabbit wire rock wool mattress, 125 kg/m³	918,13	496,88
25.400.1012	8.0 cm thick rabbit wire rock wool mattress, 125 kg/m³	1.113,75	551,25
25.400.1013	10 cm thick rabbit wire rock wool mattress, 125 kg/m³	1.303,75	626,25
25.400.1014	12 cm thick rabbit wire rock wool mattress, 125 kg/m³	1.474,38	680,63
25.400.1020	4.0 cm. thick rock wool board, 70 kg/m³	611,25	442,50
25.400.1021	5.0cm. thick rock wool board, 70 kg/m³	678,44	469,69
25.400.1022	6.0 cm. thick rock wool board, 70 kg/m³	750,63	496,88
25.400.1023	8.0 cm. thick rock wool board, 70 kg/m³	881,25	551,25
25.400.1024	10 cm. thick rock wool board, 70 kg/m³	1.028,75	626,25
25.400.1025	12 cm thick rock wool board, 70 kg/m³	1.204,38	680,63
25.400.1050	Sheet paneling on mat-type or board-type insulation materials; For storage tanks etc., following the board-type or mat-type insulation of the surfaces, paneling the insulation layer with steel. Supply, transportation to the work site, and installation, of the said insulation materials.		
25.400.1051	Surface paneling with 0,6 mm Aluminum Sheet	597,19	214,69
25.400.1052	Surface paneling with 0,8 mm Aluminum Sheet	835,50	300,00
25.400.1053	Surface paneling with 0.5-mm galvanized sheet	520,20	300,00
25.400.2000	Glass Wool-based Prefabricated Pipe Insulation (Unit: m) The pipe shall be insulated with uncoated glass wool prefabricated pipe insulation material with a reaction to fire class of A1L, produced in compliance with the TS EN 14303 standard and bearing a CE compliance marking. The painting of the pipe with two layers of red lead paint for protection against corrosion shall be followed by placing the prefabricated glass wool pipe insulation material selected in conformance with the outer pipe diameter on the pipe by widening the longitudinal slit, applying the special adhesive on longitudinal and transverse joints, ensuring sealing by wrapping the transverse joints with aluminum foil tape, and performing the insulation by way of binding with thin wire, belt, etc. at every 30 cm. Supply, transportation to the work site, and installation, of the said insulation materials. (to be used for the piping systems with fluids at lower than 250 °C temperature.) Glass wool Pipe Outer Diameter Wall Thickness		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.400.2001	(1/2") Ø21 mm 25 mm	101,06	53,06
25.400.2002	(1/2") 21 Ø mm. 30 mm.	114,56	53,06
25.400.2003	21 Ø mm. 40 mm.	154,31	53,06
25.400.2004	21 Ø mm. 50 mm.	199,31	53,06
25.400.2005	21 Ø mm. 60 mm.	243,06	53,06
25.400.2006	(3/4") 27 Ø mm. 25 mm.	101,94	53,06
25.400.2007	(3/4") 27 Ø mm. 30 mm.	118,06	53,06
25.400.2008	27 Ø mm. 40 mm.	170,56	60,56
25.400.2009	27 Ø mm. 50 mm.	219,31	60,56
25.400.2010	27 Ø mm. 60 mm.	260,56	60,56
25.400.2011	(1") Ø34 mm 30 mm	134,31	60,56
25.400.2012	(1") 34 Ø mm. 40 mm.	178,69	60,56
25.400.2013	Ø34 mm 50 mm	224,31	60,56
25.400.2014	34 Ø mm. 60 mm.	280,56	60,56
25.400.2015	(1 1/4") 42 Ø mm. 30 mm.	140,56	60,56
25.400.2016	(1 1/4") 42 Ø mm. 40 mm.	190,56	60,56
25.400.2017	42 Ø mm. 50 mm.	241,81	60,56
25.400.2018	42 Ø mm. 60 mm.	276,81	60,56
25.400.2019	(1 1/2") 48 Ø mm. 30 mm.	148,06	60,56
25.400.2020	(1 1/2") 48 Ø mm. 40 mm.	194,31	60,56
25.400.2021	48 Ø mm. 50 mm.	246,81	60,56
25.400.2022	48 Ø mm. 60 mm.	284,31	60,56
25.400.2023	57 Ø mm. 30 mm.	165,19	71,44
25.400.2024	57 Ø mm. 40 mm.	206,44	71,44
25.400.2025	57 Ø mm. 50 mm.	248,94	71,44
25.400.2026	57 Ø mm. 60 mm.	296,44	71,44
25.400.2027	(2") 60 Ø mm. 30 mm.	178,31	71,44
25.400.2028	(2") 60 Ø mm. 40 mm.	212,69	71,44
25.400.2029	60 Ø mm. 50 mm.	261,44	71,44
25.400.2030	60 Ø mm. 60 mm.	310,19	71,44
25.400.2031	60 Ø mm. 80 mm.	432,69	71,44
25.400.2032	63 Ø mm. 30 mm.	177,50	84,38
25.400.2033	63 Ø mm. 40 mm.	225,63	84,38
25.400.2034	63 Ø mm. 50 mm.	264,38	84,38
25.400.2035	63 Ø mm. 60 mm.	338,13	84,38
25.400.2036	63 Ø mm. 80 mm.	461,88	84,38
25.400.2037	70 Ø mm. 30 mm.	192,50	84,38
25.400.2038	70 Ø mm. 40 mm.	236,88	84,38
25.400.2039	70 Ø mm. 50 mm.	280,63	84,38
25.400.2040	70 Ø mm. 60 mm.	354,38	84,38
25.400.2041	70 Ø mm. 80 mm.	483,13	84,38
25.400.2042	76 Ø mm. 30 mm.	197,50	84,38
25.400.2043	76 Ø mm. 40 mm.	255,63	84,38
25.400.2044	76 Ø mm. 50 mm.	290,63	84,38
25.400.2045	76 Ø mm. 60 mm.	373,13	84,38
25.400.2046	76 Ø mm. 80 mm.	483,13	84,38
25.400.2047	83 Ø mm. 40 mm.	256,50	95,25

Item No	Job Type		UP+Instal.	Instal. Cost (TRY)
25.400.2048	83 Ø mm.	50 mm.	315,25	95,25
25.400.2049	83 Ø mm.	60 mm.	387,75	95,25
25.400.2050	83 Ø mm.	80 mm.	532,75	95,25
25.400.2051	89 Ø mm.	40 mm.	280,69	100,69
25.400.2052	89 Ø mm.	50 mm.	334,44	100,69
25.400.2053	89 Ø mm.	60 mm.	393,19	100,69
25.400.2054	89 Ø mm.	80 mm.	539,44	100,69
25.400.2055	102 Ø mm.	40 mm.	294,88	113,63
25.400.2056	102 Ø mm.	50 mm.	362,38	113,63
25.400.2057	102 Ø mm.	60 mm.	411,13	113,63
25.400.2058	102 Ø mm.	80 mm.	559,88	113,63
25.400.2059	108 Ø mm.	40 mm.	314,06	119,06
25.400.2060	108 Ø mm.	50 mm.	377,81	119,06
25.400.2061	108 Ø mm.	60 mm.	440,31	119,06
25.400.2062	108 Ø mm.	80 mm.	600,31	119,06
25.400.2063	114 Ø mm.	40 mm.	339,50	124,50
25.400.2064	114 Ø mm.	50 mm.	398,25	124,50
25.400.2065	114 Ø mm.	60 mm.	475,75	124,50
25.400.2066	114 Ø mm.	80 mm.	649,50	124,50
25.400.2067	127 Ø mm.	40 mm.	366,63	142,88
25.400.2068	127 Ø mm.	50 mm.	445,38	142,88
25.400.2069	127 Ø mm.	60 mm.	512,88	142,88
25.400.2070	127 Ø mm.	80 mm.	676,63	142,88
25.400.2071	133 Ø mm.	50 mm.	460,81	148,31
25.400.2072	133 Ø mm.	60 mm.	535,81	148,31
25.400.2073	133 Ø mm.	80 mm.	710,81	148,31
25.400.2074	140 Ø mm.	50 mm.	477,06	155,81
25.400.2075	140 Ø mm.	60 mm.	569,56	155,81
25.400.2076	140 Ø mm.	80 mm.	765,81	155,81
25.400.2077	159 Ø mm.	50 mm.	515,88	179,63
25.400.2078	159 Ø mm.	60 mm.	610,88	179,63
25.400.2079	159 Ø mm.	80 mm.	813,38	179,63
25.400.2080	169 Ø mm.	50 mm.	540,06	185,06
25.400.2081	169 Ø mm.	60 mm.	651,31	185,06
25.400.2082	169 Ø mm.	80 mm.	860,06	185,06
25.400.2083	193 Ø mm.	50 mm.	594,31	214,31
25.400.2084	193 Ø mm.	60 mm.	719,31	214,31
25.400.2085	193 Ø mm.	80 mm.	950,56	214,31
25.400.2086	219 Ø mm.	50 mm.	671,06	243,56
25.400.2087	219 Ø mm.	60 mm.	814,81	243,56
25.400.2088	219 Ø mm.	80 mm.	1.069,81	243,56
25.400.2089	244 Ø mm.	50 mm.	728,63	267,38
25.400.2090	244 Ø mm.	60 mm.	849,88	267,38
25.400.2091	244 Ø mm.	80 mm.	1.139,88	267,38
25.400.2092	273 Ø mm.	50 mm.	816,63	304,13
25.400.2093	273 Ø mm.	60 mm.	929,13	304,13
25.400.2094	273 Ø mm.	80 mm.	1.239,13	304,13

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.400.2500	Thermal Insulation with Glass Wool Based Aluminum Foil Coated Prefabricated Pipes (Unit: m) The pipe shall be insulated with aluminum-foil-coated, glass wool, prefabricated pipe insulation material with a reaction to fire class of at least A2L, s1-d0. Cleaning of rust and dirt and the painting of the pipe with two layers of red lead paint for protection against corrosion shall be followed by placing the aluminum-foil-coated, glass wool, prefabricated pipe insulation material selected in conformance with the outer pipe diameter on the pipe by widening the longitudinal slit, applying the special adhesive on longitudinal and transverse joints, ensuring sealing by wrapping the transverse joints with aluminum foil tape, and performing the insulation by way of binding with thin wire, belt, etc. at every 30 cm. Supply, transportation to the work site, and installation, of the said insulation materials. (Red lead paint is not included in the unit price.) Glass wool Pipe Outer Diameter Wall Thickness		
25.400.2501	(1/4") Ø15 mm 25 mm	115,94	42,19
25.400.2502	(1/4") Ø15 mm 30 mm	132,81	42,19
25.400.2503	(1/4") Ø15 mm 40 mm	168,44	42,19
25.400.2504	(1/4") Ø15 mm 50 mm	198,44	42,19
25.400.2505	(1/2") Ø21 mm 25 mm	134,31	53,06
25.400.2506	(1/2") Ø21 mm 30 mm	151,81	53,06
25.400.2507	(1/2") Ø21 mm 40 mm	191,81	53,06
25.400.2508	(1/2") Ø21 mm 50 mm	238,06	53,06
25.400.2509	(1/2") Ø21 mm 60 mm	273,06	53,06
25.400.2510	(3/4") Ø27 mm 25 mm	148,06	60,56
25.400.2511	(3/4") Ø27 mm 30 mm	168,06	60,56
25.400.2512	(3/4") Ø27 mm 40 mm	209,31	60,56
25.400.2513	(3/4") Ø27 mm 50 mm	250,56	60,56
25.400.2514	(3/4") Ø27 mm 60 mm	290,56	60,56
25.400.2515	(1") Ø33 mm 25 mm	156,81	60,56
25.400.2516	(1") Ø33 mm 30 mm	177,44	60,56
25.400.2517	(1") Ø33 mm 40 mm	219,31	60,56
25.400.2518	(1") Ø33 mm 50 mm	258,06	60,56
25.400.2519	(1") Ø33 mm 60 mm	315,56	60,56
25.400.2520	(1¼") Ø42 mm 25 mm	168,06	60,56
25.400.2521	(1¼") Ø42 mm 30 mm	184,94	60,56
25.400.2522	(1¼") Ø42 mm 40 mm	233,06	60,56
25.400.2523	(1¼") Ø42 mm 50 mm	294,31	60,56
25.400.2524	(1¼") Ø42 mm 60 mm	336,81	60,56
25.400.2525	(1½") Ø48 mm 25 mm	178,69	60,56
25.400.2526	(1½") Ø48 mm 30 mm	193,06	60,56
25.400.2527	(1½") Ø48 mm 40 mm	243,06	60,56
25.400.2528	(1½") Ø48 mm 50 mm	294,31	60,56
25.400.2529	(1½") Ø48 mm 60 mm	358,06	60,56
25.400.2530	(2") Ø60 mm 25 mm	201,44	71,44
25.400.2531	(2") Ø60 mm 30 mm	217,69	71,44
25.400.2532	(2") Ø60 mm 40 mm	262,69	71,44
25.400.2533	(2") Ø60 mm 50 mm	302,69	71,44
25.400.2534	(2") Ø60 mm 60 mm	373,94	71,44
25.400.2535	(2") Ø60 mm 80 mm	527,69	71,44
25.400.2536	(2½") Ø76 mm 25 mm	236,88	84,38
25.400.2537	(2½") Ø76 mm 30 mm	256,88	84,38

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.400.2538	(2½") Ø76 mm 40 mm	304,38	84,38
25.400.2539	(2½") Ø76 mm 50 mm	343,13	84,38
25.400.2540	(2½") Ø76 mm 60 mm	414,38	84,38
25.400.2541	(2½") Ø76 mm 80 mm	606,88	84,38
25.400.2542	(2½") Ø76 mm 100 mm	748,13	84,38
25.400.2543	(3") Ø89 mm 25 mm	275,69	100,69
25.400.2544	(3") Ø89 mm 30 mm	298,19	100,69
25.400.2545	(3") Ø89 mm 40 mm	334,44	100,69
25.400.2546	(3") Ø89 mm 50 mm	384,44	100,69
25.400.2547	(3") Ø89 mm 60 mm	470,69	100,69
25.400.2548	(3") Ø89 mm 80 mm	659,44	100,69
25.400.2549	(3") Ø89 mm 100 mm	909,44	100,69
25.400.2550	(4") Ø114 mm 25 mm	254,50	124,50
25.400.2551	(4") Ø114 mm 30 mm	358,25	124,50
25.400.2552	(4") Ø114 mm 40 mm	402,00	124,50
25.400.2553	(4") Ø114 mm 50 mm	473,25	124,50
25.400.2554	(4") Ø114 mm 60 mm	553,25	124,50
25.400.2555	(4") Ø114 mm 80 mm	739,50	124,50
25.400.2556	(4") Ø114 mm 100 mm	1.102,00	124,50
25.400.2557	(5") Ø140 mm 30 mm	415,81	155,81
25.400.2558	(5") Ø140 mm 40 mm	482,06	155,81
25.400.2559	(5") Ø140 mm 50 mm	554,56	155,81
25.400.2560	(5") Ø140 mm 60 mm	652,06	155,81
25.400.2561	(5") Ø140 mm 80 mm	863,31	155,81
25.400.2562	(5") Ø140 mm 100 mm	1.235,81	155,81
25.400.2563	(6") Ø169 mm 30 mm	528,81	185,06
25.400.2564	(6") Ø169 mm 40 mm	570,06	185,06
25.400.2565	(6") Ø169 mm 50 mm	630,06	185,06
25.400.2566	(6") Ø169 mm 60 mm	766,31	185,06
25.400.2567	(6") Ø169 mm 80 mm	987,56	185,06
25.400.2568	(6") Ø169 mm 100 mm	1.366,31	185,06
25.400.2569	(8") Ø219 mm 30 mm	651,06	243,56
25.400.2570	(8") Ø219 mm 40 mm	783,56	243,56
25.400.2571	(8") Ø219 mm 50 mm	811,06	243,56
25.400.2572	(8") Ø219 mm 60 mm	1.014,81	243,56
25.400.2573	(8") Ø219 mm 80 mm	1.302,31	243,56
25.400.2574	(8") Ø219 mm 100 mm	1.669,81	243,56
25.400.2575	(10") Ø273 mm 30 mm	784,13	304,13
25.400.2576	(10") Ø273 mm 40 mm	945,38	304,13
25.400.2577	(10") Ø273 mm 50 mm	997,88	304,13
25.400.2578	(10") Ø273 mm 60 mm	1.137,88	304,13
25.400.2579	(10") Ø273 mm 80 mm	1.561,63	304,13
25.400.2580	(12") Ø324 mm 30 mm	882,19	357,19
25.400.2581	(12") Ø324 mm 40 mm	1.050,94	357,19
25.400.2582	(12") Ø324 mm 50 mm	1.144,69	357,19
25.400.2583	(12") Ø324 mm 60 mm	1.262,19	357,19
25.400.2584	(14") Ø356 mm 30 mm	947,69	393,94

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.400.2585	(14") Ø356 mm 40 mm	1.110,19	393,94
25.400.2586	(14") Ø356 mm 50 mm	1.206,44	393,94
25.400.2587	(14")356 Ø mm 60 mm	1.270,19	393,94
25.400.3000	Rock Wool Based Prefabricated Pipe Insulation: (Unit: m, Materials on construction site: 60%) (TS EN 14303) The pipe shall be insulated with uncoated rock wool prefabricated pipe insulation material with a reaction to fire class of A1L, produced in compliance with the TS EN 14303 standard and bearing a CE compliance marking. The cleaning of rust and dirt and painting of the pipe with two layers of red lead paint for protection against corrosion shall be followed by placing the prefabricated glass wool pipe insulation material selected in conformance with the outer pipe diameter on the pipe by widening the longitudinal slit, applying the special adhesive on longitudinal and transverse joints, and performing the insulation by way of binding with thin wire, belt, etc. at every 30 cm. Supply, transportation to the work site, and installation, of the said insulation materials. Rock wool Pipe Outer Diameter Wall Thickness		
25.400.3001	(1/4") Ø15 mm 25 mm	119,06	42,19
25.400.3002	(1/4") Ø15 mm 30 mm	142,81	42,19
25.400.3003	(1/4") Ø15 mm 40 mm	180,94	42,19
25.400.3004	(1/4") Ø15 mm 50 mm	219,69	42,19
25.400.3005	(1/2") Ø21 mm 25 mm	139,31	53,06
25.400.3006	(1/2") Ø21 mm 30 mm	161,19	53,06
25.400.3007	(1/2") Ø21 mm 40 mm	211,81	53,06
25.400.3008	(1/2") Ø21 mm 50 mm	250,56	53,06
25.400.3009	(1/2") Ø21 mm 60 mm	325,56	53,06
25.400.3010	(3/4") Ø27 mm 25 mm	158,69	60,56
25.400.3011	(3/4") Ø27 mm 30 mm	178,69	60,56
25.400.3012	(3/4") Ø27 mm 40 mm	233,06	60,56
25.400.3013	(3/4") Ø27 mm 50 mm	274,31	60,56
25.400.3014	(3/4") Ø27 mm 60 mm	353,06	60,56
25.400.3015	(1") Ø33 mm 25 mm	168,69	60,56
25.400.3016	(1") Ø33 mm 30 mm	193,06	60,56
25.400.3017	(1") Ø33 mm 40 mm	248,06	60,56
25.400.3018	(1") Ø33 mm 50 mm	291,81	60,56
25.400.3019	(1") Ø33 mm 60 mm	371,81	60,56
25.400.3020	(1¼") Ø42 mm 25 mm	181,81	60,56
25.400.3021	(1¼") Ø42 mm 30 mm	203,06	60,56
25.400.3022	(1¼") Ø42 mm 40 mm	258,06	60,56
25.400.3023	(1¼") Ø42 mm 50 mm	313,06	60,56
25.400.3024	(1¼") Ø42 mm 60 mm	401,81	60,56
25.400.3025	(1½") Ø48 mm 25 mm	195,56	60,56
25.400.3026	(1½") Ø48 mm 30 mm	209,31	60,56
25.400.3027	(1½") Ø48 mm 40 mm	265,56	60,56
25.400.3028	(1½") Ø48 mm 50 mm	338,06	60,56
25.400.3029	(1½") Ø48 mm 60 mm	444,31	60,56
25.400.3030	(2") Ø60 mm 25 mm	212,69	71,44
25.400.3031	(2") Ø60 mm 30 mm	233,94	71,44
25.400.3032	(2") Ø60 mm 40 mm	281,44	71,44
25.400.3033	(2") Ø60 mm 50 mm	398,94	71,44
25.400.3034	(2") Ø60 mm 60 mm	523,94	71,44
25.400.3035	(2") Ø60 mm 80 mm	691,44	71,44

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.400.3036	(2½") Ø76 mm 25 mm	240,63	84,38
25.400.3037	(2½") Ø76 mm 30 mm	261,88	84,38
25.400.3038	(2½") Ø76 mm 40 mm	333,13	84,38
25.400.3039	(2½") Ø76 mm 50 mm	459,38	84,38
25.400.3040	(2½") Ø76 mm 60 mm	578,13	84,38
25.400.3041	(2½") Ø76 mm 80 mm	746,88	84,38
25.400.3042	(2½") Ø76 mm 100 mm	1.014,38	84,38
25.400.3043	(3") Ø89 mm 25 mm	283,19	100,69
25.400.3044	(3") Ø89 mm 30 mm	293,19	100,69
25.400.3045	(3") Ø89 mm 40 mm	376,94	100,69
25.400.3046	(3") Ø89 mm 50 mm	505,69	100,69
25.400.3047	(3") Ø89 mm 60 mm	633,19	100,69
25.400.3048	(3") Ø89 mm 80 mm	866,94	100,69
25.400.3049	(3") Ø89 mm 100 mm	1.025,69	100,69
25.400.3050	(4") Ø114 mm 25 mm	344,50	124,50
25.400.3051	(4") Ø114 mm 30 mm	360,75	124,50
25.400.3052	(4") Ø114 mm 40 mm	440,75	124,50
25.400.3053	(4") Ø114 mm 50 mm	605,75	124,50
25.400.3054	(4") Ø114 mm 60 mm	690,75	124,50
25.400.3055	(4") Ø114 mm 80 mm	922,00	124,50
25.400.3056	(4") Ø114 mm 100 mm	1.250,75	124,50
25.400.3057	(5") Ø140 mm 30 mm	433,31	155,81
25.400.3058	(5") Ø140 mm 40 mm	507,06	155,81
25.400.3059	(5") Ø140 mm 50 mm	615,81	155,81
25.400.3060	(5") Ø140 mm 60 mm	763,31	155,81
25.400.3061	(5") Ø140 mm 80 mm	987,06	155,81
25.400.3062	(5") Ø140 mm 100 mm	1.384,56	155,81
25.400.3063	(6") Ø169 mm 30 mm	467,56	185,06
25.400.3064	(6") Ø169 mm 40 mm	585,06	185,06
25.400.3065	(6") Ø169 mm 50 mm	713,81	185,06
25.400.3066	(6") Ø169 mm 60 mm	917,56	185,06
25.400.3067	(6") Ø169 mm 80 mm	1.187,56	185,06
25.400.3068	(6") Ø169 mm 100 mm	1.602,56	185,06
25.400.3069	(8") Ø219 mm 30 mm	613,56	243,56
25.400.3070	(8") Ø219 mm 40 mm	752,31	243,56
25.400.3071	(8") Ø219 mm 50 mm	897,31	243,56
25.400.3072	(8") Ø219 mm 60 mm	1.052,31	243,56
25.400.3073	(8") Ø219 mm 80 mm	1.407,31	243,56
25.400.3074	(8") Ø219 mm 100 mm	1.796,06	243,56
25.400.3075	(10") Ø273 mm 30 mm	721,63	304,13
25.400.3076	(10") Ø273 mm 40 mm	876,63	304,13
25.400.3077	(10") Ø273 mm 50 mm	1.030,38	304,13
25.400.3078	(10") Ø273 mm 60 mm	1.224,13	304,13
25.400.3079	(10") Ø273 mm 80 mm	1.612,88	304,13
25.400.3080	(12") Ø324 mm 30 mm	835,94	357,19
25.400.3081	(12") Ø324 mm 40 mm	1.027,19	357,19
25.400.3082	(12") Ø324 mm 50 mm	1.208,44	357,19

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.400.3083	(12") Ø324 mm 60 mm	1.437,19	357,19
25.400.3084	(14") Ø356 mm 30 mm	946,44	393,94
25.400.3085	(14") Ø356 mm 40 mm	1.126,44	393,94
25.400.3086	(14") Ø356 mm 50 mm	1.321,44	393,94
25.400.3500	Thermal Insulation with Rock Wool Based Aluminum Foil Coated Prefabricated Pipes (Unit: m) The pipe shall be insulated with aluminum-foil-coated, rock wool, prefabricated pipe insulation material, produced in compliance with the TS EN 14303 standard and bearing a CE compliance marking, with a reaction to fire class of at least A2L, s1-d0. Cleaning of rust and dirt and the painting of the pipe with two layers of red lead paint for protection against corrosion shall be followed by placing the aluminum-foil-coated, rock wool, prefabricated pipe insulation material selected in conformance with the outer pipe diameter on the pipe by widening the longitudinal slit, applying the special adhesive on longitudinal and transverse joints, ensuring sealing by wrapping the transverse joints with aluminum foil tape, and performing the insulation by way of binding with thin wire, belt, etc. at every 30 cm. Supply, transportation to the work site, and installation, of the said insulation materials. (Red lead paint is not included in the unit price.) Rock wool Pipe Outer Diameter Wall Thickness		
25.400.3501	(1/4") Ø15 mm 25 mm	149,06	42,19
25.400.3502	(1/4") Ø15 mm 30 mm	177,19	42,19
25.400.3503	(1/4") Ø15 mm 40 mm	219,69	42,19
25.400.3504	(1/4") Ø15 mm 50 mm	263,44	42,19
25.400.3505	(1/2") Ø21 mm 25 mm	179,31	53,06
25.400.3506	(1/2") Ø21 mm 30 mm	206,81	53,06
25.400.3507	(1/2") Ø21 mm 40 mm	254,31	53,06
25.400.3508	(1/2") Ø21 mm 50 mm	321,81	53,06
25.400.3509	(1/2") Ø21 mm 60 mm	384,31	53,06
25.400.3510	(3/4") Ø27 mm 25 mm	199,31	60,56
25.400.3511	(3/4") Ø27 mm 30 mm	229,31	60,56
25.400.3512	(3/4") Ø27 mm 40 mm	280,56	60,56
25.400.3513	(3/4") Ø27 mm 50 mm	341,81	60,56
25.400.3514	(3/4") Ø27 mm 60 mm	414,31	60,56
25.400.3515	(1") Ø33 mm 25 mm	214,31	60,56
25.400.3516	(1") Ø33 mm 30 mm	246,81	60,56
25.400.3517	(1") Ø33 mm 40 mm	305,56	60,56
25.400.3518	(1") Ø33 mm 50 mm	354,31	60,56
25.400.3519	(1") Ø33 mm 60 mm	431,81	60,56
25.400.3520	(1¼") Ø42 mm 25 mm	233,06	60,56
25.400.3521	(1¼") Ø42 mm 30 mm	256,81	60,56
25.400.3522	(1¼") Ø42 mm 40 mm	309,31	60,56
25.400.3523	(1¼") Ø42 mm 50 mm	385,56	60,56
25.400.3524	(1¼") Ø42 mm 60 mm	468,06	60,56
25.400.3525	(1½") Ø48 mm 25 mm	243,06	60,56
25.400.3526	(1½") Ø48 mm 30 mm	265,56	60,56
25.400.3527	(1½") Ø48 mm 40 mm	318,06	60,56
25.400.3528	(1½") Ø48 mm 50 mm	391,81	60,56
25.400.3529	(1½") Ø48 mm 60 mm	484,31	60,56
25.400.3530	(2") Ø60 mm 25 mm	271,44	71,44
25.400.3531	(2") Ø60 mm 30 mm	295,19	71,44
25.400.3532	(2") Ø60 mm 40 mm	348,94	71,44
25.400.3533	(2") Ø60 mm 50 mm	436,44	71,44

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.400.3534	(2") Ø60 mm 60 mm	508,94	71,44
25.400.3535	(2") Ø60 mm 80 mm	762,69	71,44
25.400.3536	(2½") Ø76 mm 25 mm	308,13	84,38
25.400.3537	(2½") Ø76 mm 30 mm	324,38	84,38
25.400.3538	(2½") Ø76 mm 40 mm	395,63	84,38
25.400.3539	(2½") Ø76 mm 50 mm	501,88	84,38
25.400.3540	(2½") Ø76 mm 60 mm	613,13	84,38
25.400.3541	(2½") Ø76 mm 80 mm	810,63	84,38
25.400.3542	(2½") Ø76 mm 100 mm	1.096,88	84,38
25.400.3543	(3") Ø89 mm 25 mm	343,19	100,69
25.400.3544	(3") Ø89 mm 30 mm	364,44	100,69
25.400.3545	(3") Ø89 mm 40 mm	441,94	100,69
25.400.3546	(3") Ø89 mm 50 mm	534,44	100,69
25.400.3547	(3") Ø89 mm 60 mm	644,44	100,69
25.400.3548	(3") Ø89 mm 80 mm	889,44	100,69
25.400.3549	(3") Ø89 mm 100 mm	1.163,19	100,69
25.400.3550	(4") Ø114 mm 25 mm	412,00	124,50
25.400.3551	(4") Ø114 mm 30 mm	425,75	124,50
25.400.3552	(4") Ø114 mm 40 mm	535,75	124,50
25.400.3553	(4") Ø114 mm 50 mm	649,50	124,50
25.400.3554	(4") Ø114 mm 60 mm	744,50	124,50
25.400.3555	(4") Ø114 mm 80 mm	1.054,50	124,50
25.400.3556	(4") Ø114 mm 100 mm	1.409,50	124,50
25.400.3557	(5") Ø140 mm 30 mm	492,06	155,81
25.400.3558	(5") Ø140 mm 40 mm	589,56	155,81
25.400.3559	(5") Ø140 mm 50 mm	708,31	155,81
25.400.3560	(5") Ø140 mm 60 mm	847,06	155,81
25.400.3561	(5") Ø140 mm 80 mm	1.157,06	155,81
25.400.3562	(5") Ø140 mm 100 mm	1.572,06	155,81
25.400.3563	(6") Ø169 mm 30 mm	573,81	185,06
25.400.3564	(6") Ø169 mm 40 mm	657,56	185,06
25.400.3565	(6") Ø169 mm 50 mm	791,31	185,06
25.400.3566	(6") Ø169 mm 60 mm	893,81	185,06
25.400.3567	(6") Ø169 mm 80 mm	1.218,81	185,06
25.400.3568	(6") Ø169 mm 100 mm	1.596,31	185,06
25.400.3569	(8") Ø219 mm 30 mm	703,56	243,56
25.400.3570	(8") Ø219 mm 40 mm	844,81	243,56
25.400.3571	(8") Ø219 mm 50 mm	961,06	243,56
25.400.3572	(8") Ø219 mm 60 mm	1.106,06	243,56
25.400.3573	(8") Ø219 mm 80 mm	1.492,31	243,56
25.400.3574	(8") Ø219 mm 100 mm	1.856,06	243,56
25.400.3575	(10") Ø273 mm 30 mm	846,63	304,13
25.400.3576	(10") Ø273 mm 40 mm	997,88	304,13
25.400.3577	(10") Ø273 mm 50 mm	1.165,38	304,13
25.400.3578	(10") Ø273 mm 60 mm	1.342,88	304,13
25.400.3579	(10") Ø273 mm 80 mm	1.797,88	304,13
25.400.3580	(12") Ø324 mm 30 mm	968,44	357,19

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.400.3581	(12") Ø324 mm 40 mm	1.165,94	357,19
25.400.3582	(12") Ø324 mm 50 mm	1.354,69	357,19
25.400.3583	(12") Ø324 mm 60 mm	1.578,44	357,19
25.400.3584	(14") Ø356 mm 30 mm	1.085,19	393,94
25.400.3585	(14") Ø356 mm 40 mm	1.285,19	393,94
25.400.3586	(14") Ø356 mm 50 mm	1.467,69	393,94
25.400.4000	Thermal insulation with polyethylene foam based prefabricated pipes (Unit: m) Supply, transportation to the work site, and installation, of the prefabricated insulation materials made of uncoated polyethylene foam, produced in compliance with the TS EN 14313 standard, bearing a CE compliance marking, with $\leq 0.050\text{W}/(\text{m.K})$ heat conductivity (0°C), $\mu \geq 3,000$ water vapor diffusion resistance coefficient, and a reaction to fire class of at least E, clearing the corrosion, dust and impurities on the duct surface to be insulated and coating it with two layers of red lead paint for protection against corrosion, applying the adhesive developed specifically for polyethylene foam on both sides by placing the prefabricated polyethylene pipe insulation material selected in conformance with the outer pipe diameter on the pipe, wrapping the transverse joints with aluminum foil, self-adhesive tape, using clips if no adhesive can be applied (valves, etc.) and applying two layers of UV protection coating manufactured specifically to protect against external factors (if no metal sheet coating will be applied on the insulation material to protect it against external factors). (excluding the cost of the red lead paint and UV protection coating). Note: For pipes with diameters larger than Ø114 mm, polyethylene foam sheet at the desired insulation thickness shall be used and it shall be paid on item 25.480.1700. Polyethylene Wall Thickness Pipe Outer Diameter		
25.400.4001	(1/2") 22 Ø mm. 10 mm	23,69	18,38
25.400.4002	(1/2") 22 Ø mm. 15 mm	27,25	18,38
25.400.4003	(1/2") 22 Ø mm. 20 mm	32,63	18,38
25.400.4004	(1/2") 22 Ø mm. 30 mm	49,63	18,38
25.400.4005	(3/4") 28 Ø mm. 10 mm	30,06	23,81
25.400.4006	(3/4") 28 Ø mm. 15 mm	34,06	23,81
25.400.4007	(3/4") 28 Ø mm. 20 mm	39,44	23,81
25.400.4008	(3/4") 28 Ø mm. 30 mm	57,94	23,81
25.400.4009	(1") 35 Ø mm. 10 mm	31,00	23,81
25.400.4010	(1") 35 Ø mm. 15 mm	35,06	23,81
25.400.4011	(1") 35 Ø mm. 20 mm	41,94	23,81
25.400.4012	(1") 35 Ø mm. 30 mm	62,56	23,81
25.400.4013	(1 1/4") 42 Ø mm. 10 mm	37,38	29,25
25.400.4014	(1 1/4") 42 Ø mm. 15 mm	42,88	29,25
25.400.4015	(1 1/4") 42 Ø mm. 20 mm	50,38	29,25
25.400.4016	(1 1/4") 42 Ø mm. 30 mm	72,25	29,25
25.400.4017	(1 1/2") 48 Ø mm. 10 mm	39,06	29,25
25.400.4018	(1 1/2") 48 Ø mm. 15 mm	44,50	29,25
25.400.4019	(1 1/2") 48 Ø mm. 20 mm	53,00	29,25
25.400.4020	(1 1/2") 48 Ø mm. 30 mm	75,75	29,25
25.400.4021	(2") 60 Ø mm. 10 mm	53,88	42,19
25.400.4022	(2") 60 Ø mm. 15 mm	60,56	42,19
25.400.4023	(2") 60 Ø mm. 20 mm	72,56	42,19
25.400.4024	(2") 60 Ø mm. 30 mm	97,44	42,19
25.400.4025	(2 1/2") 76 Ø mm. 10 mm	62,13	47,63
25.400.4026	(2 1/2") 76 Ø mm. 15 mm	72,38	47,63
25.400.4027	(2 1/2") 76 Ø mm. 20 mm	85,50	47,63
25.400.4028	(2 1/2") 76 Ø mm. 30 mm	127,63	47,63

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.400.4029	(3") 89 Ø mm. 10 mm	78,88	58,50
25.400.4030	(3") 89 Ø mm. 15 mm	87,88	58,50
25.400.4031	(3") 89 Ø mm. 20 mm	102,63	58,50
25.400.4032	(3") 89 Ø mm. 30 mm	153,50	58,50
25.400.4033	(4") 114 Ø mm. 15 mm	111,63	76,88
25.400.4034	(4") 114 Ø mm. 20 mm	136,00	76,88
25.400.4035	(4") 114 Ø mm. 30 mm	191,25	76,88
25.400.4036	(5") 139 Ø mm. 20 mm	176,88	76,88
25.400.4500	Thermal Insulation with Aluminum Composite Film Coated Polyethylene Based Prefabricated Pipes (Unit: m) Supply, transportation to the work site, and installation, of the prefabricated insulation materials laminated with Aluminum Composite Film with a total thickness of 50-100 microns on top of polyethylene foam, produced in compliance with the TS EN 14313 standard, bearing a CE compliance marking, with $\leq 0.050\text{W}/(\text{m.K})$ heat conductivity ($0\text{ }^{\circ}\text{C}$), $\mu \geq 3,000$ water vapor diffusion resistance coefficient, and a reaction to fire class of at least E, clearing the corrosion, dust and impurities on the duct surface to be insulated and coating it with two layers of red lead paint, applying the adhesive developed specifically for polyethylene foam on both sides, wrapping the transverse joints with aluminum foil, self-adhesive tape, and using clips if no adhesive can be applied (valves, etc.) (excluding the cost of the red lead paint). Note: (4") For pipes with diameters larger than Ø114 mm, polyethylene foam sheet at the desired insulation thickness shall be used and it shall be paid on item 25.480.1700. Pipe Outer Diameter Insulation Wall Thickness		
25.400.4501	(1/2") 22 Ø mm. 10 mm	29,19	18,38
25.400.4502	(1/2") 22 Ø mm. 15 mm	33,63	18,38
25.400.4503	(1/2") 22 Ø mm. 20 mm	44,50	18,38
25.400.4504	(1/2") 22 Ø mm. 30 mm	71,38	18,38
25.400.4505	(3/4") 28 Ø mm. 10 mm	36,44	23,81
25.400.4506	(3/4") 28 Ø mm. 15 mm	44,19	23,81
25.400.4507	(3/4") 28 Ø mm. 20 mm	54,19	23,81
25.400.4508	(3/4") 28 Ø mm. 30 mm	78,69	23,81
25.400.4509	(1") 35 Ø mm. 10 mm	37,44	23,81
25.400.4510	(1") 35 Ø mm. 15 mm	47,31	23,81
25.400.4511	(1") 35 Ø mm. 20 mm	58,56	23,81
25.400.4512	(1") 35 Ø mm. 30 mm	83,81	23,81
25.400.4513	(1 1/4") 42 Ø mm. 10 mm	46,38	29,25
25.400.4514	(1 1/4") 42 Ø mm. 15 mm	55,50	29,25
25.400.4515	(1 1/4") 42 Ø mm. 20 mm	72,25	29,25
25.400.4516	(1 1/4") 42 Ø mm. 30 mm	96,13	29,25
25.400.4517	(1 1/2") 48 Ø mm. 10 mm	47,13	29,25
25.400.4518	(1 1/2") 48 Ø mm. 15 mm	60,75	29,25
25.400.4519	(1 1/2") 48 Ø mm. 20 mm	80,38	29,25
25.400.4520	(1 1/2") 48 Ø mm. 30 mm	104,25	29,25
25.400.4521	(2") 60 Ø mm. 10 mm	66,19	42,19
25.400.4522	(2") 60 Ø mm. 15 mm	83,44	42,19
25.400.4523	(2") 60 Ø mm. 20 mm	105,94	42,19
25.400.4524	(2") 60 Ø mm. 30 mm	132,81	42,19
25.400.4525	(2 1/2") 76 Ø mm. 10 mm	80,00	47,63
25.400.4526	(2 1/2") 76 Ø mm. 15 mm	97,88	47,63
25.400.4527	(2 1/2") 76 Ø mm. 20 mm	123,88	47,63
25.400.4528	(2 1/2") 76 Ø mm. 30 mm	150,75	47,63

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.400.4529	(3") 89 Ø mm. 10 mm	99,63	58,50
25.400.4530	(3") 89 Ø mm. 15 mm	115,25	58,50
25.400.4531	(3") 89 Ø mm. 20 mm	137,88	58,50
25.400.4532	(3") 89 Ø mm. 30 mm	172,88	58,50
25.400.4533	(4") 114 Ø mm. 15 mm	148,13	76,88
25.400.4534	(4") 114 Ø mm. 20 mm	178,75	76,88
25.400.4535	(4") 114 Ø mm. 30 mm	213,13	76,88
25.400.4536	(5") 139 Ø mm. 20 mm	226,88	76,88
25.400.4537	(5") 139 Ø mm. 30 mm	285,63	76,88
25.400.4538	(6") 165 Ø mm. 20 mm	266,88	76,88
25.400.4539	(6") 165 Ø mm. 30 mm	343,13	76,88
25.400.5000	Thermal insulation with rubber foam based prefabricated pipes (Unit: m) Supply, transportation to the work site, and installation, of elastomeric rubber foam prefabricated pipe insulation material, produced in compliance with the TS EN 14304 standard, bearing a CE compliance marking, with $\leq 0.040\text{W}/(\text{m.K})$ heat conductivity (0°C), $\mu \geq 7,000$ water vapor diffusion resistance coefficient, and a reaction to fire class of at least B, s3-d0, clearing the corrosion, dust and impurities on the duct surface to be insulated and coating it with two layers of red lead paint, applying the adhesive developed specifically for rubber foam on both sides after selecting and applying the insulation material conforming to the pipe's outer diameters, wrapping the transverse joints with elastomeric rubber, self-adhesive tape, and applying two layers of UV protection coating manufactured specifically to protect against external factors (if no metal sheet coating will be applied on the insulation material to protect it against external factors) (excluding the cost of the red lead paint and UV protection coating). Additional coating materials shall be charged per the relevant items. Note: For pipes with diameters larger than Ø114 mm, elastomeric rubber foam sheet at the desired insulation thickness shall be used and it shall be paid on item 25.480.1500. Outside diameter Wall thickness		
25.400.5001	(3/8")Ø18 mm 9 mm	25,38	12,94
25.400.5002	(3/8")Ø18 mm 13 mm	32,94	12,94
25.400.5003	(3/8")Ø18 mm 19 mm	46,31	12,94
25.400.5004	(3/8")Ø18 mm 25 mm	62,06	12,94
25.400.5005	(3/8")Ø18 mm 32 mm	86,69	12,94
25.400.5006	(1/2") Ø22 mm 9 mm	32,38	18,38
25.400.5007	(1/2") Ø22 mm 13 mm	38,50	18,38
25.400.5008	(1/2") Ø22 mm 19 mm	53,88	18,38
25.400.5009	(1/2") Ø22 mm 25 mm	69,13	18,38
25.400.5010	(1/2") Ø22 mm 32 mm	92,13	18,38
25.400.5011	(3/4") Ø28 mm 9 mm	40,31	23,81
25.400.5012	(3/4") Ø28 mm 13 mm	48,31	23,81
25.400.5013	(3/4") Ø28 mm 19 mm	63,69	23,81
25.400.5014	(3/4") Ø28 mm 25 mm	80,06	23,81
25.400.5015	(3/4") Ø28 mm 32 mm	117,56	23,81
25.400.5016	(1")Ø35 mm 9 mm	42,94	23,81
25.400.5017	(1")Ø35 mm 13 mm	53,81	23,81
25.400.5018	(1")Ø35 mm 19 mm	70,19	23,81
25.400.5019	(1")Ø35 mm 25 mm	95,06	23,81
25.400.5020	(1")Ø35 mm 32 mm	131,94	23,81
25.400.5021	(1¼") Ø42 mm 9 mm	52,75	29,25
25.400.5022	(1¼") Ø42 mm 13 mm	64,63	29,25
25.400.5023	(1¼") Ø42 mm 19 mm	82,38	29,25
25.400.5024	(1¼") Ø42 mm 25 mm	108,00	29,25

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.400.5025	(1¼") Ø42 mm 32 mm	149,88	29,25
25.400.5026	(1½") Ø48 mm 9 mm	56,00	29,25
25.400.5027	(1½") Ø48 mm 13 mm	67,75	29,25
25.400.5028	(1½") Ø48 mm 19 mm	86,25	29,25
25.400.5029	(1½") Ø48 mm 25 mm	116,75	29,25
25.400.5030	(1½") Ø48 mm 32 mm	166,75	29,25
25.400.5031	(2") Ø60 mm 9 mm	71,44	42,19
25.400.5032	(2") Ø60 mm 13 mm	83,56	42,19
25.400.5033	(2") Ø60 mm 19 mm	110,94	42,19
25.400.5034	(2") Ø60 mm 25 mm	144,06	42,19
25.400.5035	(2") Ø60 mm 32 mm	193,44	42,19
25.400.5036	(2½") Ø76 mm 9 mm	89,00	47,63
25.400.5037	(2½") Ø76 mm 13 mm	105,00	47,63
25.400.5038	(2½") Ø76 mm 19 mm	137,63	47,63
25.400.5039	(2½") Ø76 mm 25 mm	182,63	47,63
25.400.5040	(2½") Ø76 mm 32 mm	243,88	47,63
25.400.5041	(3") Ø89 mm 9 mm	112,13	58,50
25.400.5042	(3") Ø89 mm 13 mm	136,00	58,50
25.400.5043	(3") Ø89 mm 19 mm	165,38	58,50
25.400.5044	(3") Ø89 mm 25 mm	222,25	58,50
25.400.5045	(3") Ø89 mm 32 mm	283,50	58,50
25.400.5046	(4") Ø114 mm 9 mm	141,88	76,88
25.400.5047	(4") Ø114 mm 13 mm	167,50	76,88
25.400.5048	(4") Ø114 mm 19 mm	204,38	76,88
25.400.5049	(4") Ø114 mm 25 mm	276,88	76,88
25.400.5050	(4") Ø114 mm 32 mm	353,13	76,88
25.400.5051	(3/8") 18 Ø mm 40mm	111,06	12,94
25.400.5052	(1/2") 22 Ø mm 40 mm	120,88	18,38
25.400.5053	(3/4") 28 Ø mm 40 mm	141,94	23,81
25.400.5054	(1") 35 Ø mm 40 mm	153,81	23,81
25.400.5055	(1 ¼") 42 Ø mm 40 mm	174,25	29,25
25.400.5056	(1 ½") 48 Ø mm 40 mm	184,25	29,25
25.400.5057	(2") 60 Ø mm 40 mm	223,44	42,19
25.400.5058	(2 ½") 76 Ø mm 40 mm	252,63	47,63
25.400.5059	(3") 89 Ø mm 40 mm	291,00	58,50
25.400.5060	(4") 114 Ø mm 40 mm	360,63	76,88
25.400.5500	Thermal insulation with aluminum composite film coated rubber foam based prefabricated pipes (Unit: m) Supply, transportation to the work site, and installation, of the insulation materials laminated with Aluminum Composite Film with a total thickness of 50-100 microns on top of an elastomeric rubber foam prefabricated pipe insulation material, produced in compliance with the TS EN 14304 standard, bearing a CE compliance marking, with $\leq 0.040\text{W}/(\text{m.K})$ heat conductivity (0°C), $\mu \geq 7,000$ water vapor diffusion resistance coefficient, and a reaction to fire class of at least B, s3-d0, clearing the corrosion, dust and impurities on the duct surface to be insulated and coating it with two layers of red lead paint, applying the adhesive developed specifically for rubber foam on both sides after selecting and applying the insulation material conforming to the pipe's outer diameters, and wrapping the transverse joints with aluminum foil, self-adhesive tape (excluding the cost of the red lead paint and aluminum sheet coating). Note: (4") For pipes with diameters larger than Ø114 mm, elastomeric rubber foam sheet at the desired insulation thickness shall be used and it shall be paid on item 25.480.1800. Pipe Outer Diameter Insulation Wall Thickness		
25.400.5501	(1/2") Ø22 mm 9 mm	37,00	18,38

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.400.5502	(1/2") Ø22 mm 13 mm	45,75	18,38
25.400.5503	(1/2") Ø22 mm 19 mm	69,63	18,38
25.400.5504	(1/2") Ø22 mm 25 mm	102,75	18,38
25.400.5505	(1/2") Ø22 mm 32 mm	172,13	18,38
25.400.5506	(3/4") Ø28 mm 9 mm	44,56	23,81
25.400.5507	(3/4") Ø28 mm 13 mm	54,44	23,81
25.400.5508	(3/4") Ø28 mm 19 mm	82,31	23,81
25.400.5509	(3/4") Ø28 mm 25 mm	115,69	23,81
25.400.5510	(3/4") Ø28 mm 32 mm	177,56	23,81
25.400.5511	(1") Ø35 mm 9 mm	48,69	23,81
25.400.5512	(1") Ø35 mm 13 mm	58,44	23,81
25.400.5513	(1") Ø35 mm 19 mm	91,94	23,81
25.400.5514	(1") Ø35 mm 25 mm	131,94	23,81
25.400.5515	(1") Ø35 mm 32 mm	191,31	23,81
25.400.5516	(1¼") Ø42 mm 9 mm	57,63	29,25
25.400.5517	(1¼") Ø42 mm 13 mm	69,88	29,25
25.400.5518	(1¼") Ø42 mm 19 mm	109,25	29,25
25.400.5519	(1¼") Ø42 mm 25 mm	154,25	29,25
25.400.5520	(1¼") Ø42 mm 32 mm	223,00	29,25
25.400.5521	(1½") Ø48 mm 9 mm	62,75	29,25
25.400.5522	(1½") Ø48 mm 13 mm	74,13	29,25
25.400.5523	(1½") Ø48 mm 19 mm	119,25	29,25
25.400.5524	(1½") Ø48 mm 25 mm	169,25	29,25
25.400.5525	(1½") Ø48 mm 32 mm	234,25	29,25
25.400.5526	(2") Ø60 mm 9 mm	83,56	42,19
25.400.5527	(2") Ø60 mm 13 mm	101,81	42,19
25.400.5528	(2") Ø60 mm 19 mm	149,69	42,19
25.400.5529	(2") Ø60 mm 25 mm	204,69	42,19
25.400.5530	(2") Ø60 mm 32 mm	282,19	42,19
25.400.5531	(2½") Ø76 mm 9 mm	99,25	47,63
25.400.5532	(2½") Ø76 mm 13 mm	118,25	47,63
25.400.5533	(2½") Ø76 mm 19 mm	169,50	47,63
25.400.5534	(2½") Ø76 mm 25 mm	250,13	47,63
25.400.5535	(2½") Ø76 mm 32 mm	341,38	47,63
25.400.5536	(3") Ø89 mm 9 mm	121,00	58,50
25.400.5537	(3") Ø89 mm 13 mm	137,25	58,50
25.400.5538	(3") Ø89 mm 19 mm	209,75	58,50
25.400.5539	(3") Ø89 mm 25 mm	279,75	58,50
25.400.5543	(4") Ø114 mm 19 mm	241,88	76,88
25.400.5544	(4") Ø114 mm 25 mm	330,63	76,88
25.400.5542	(4") Ø114 mm 13 mm	195,00	76,88
25.400.5545	(4") Ø114 mm 32 mm	429,38	76,88
25.400.5541	(4") Ø114 mm 9 mm	170,63	76,88
25.400.5540	(3") Ø89 mm 32 mm	341,00	58,50
25.400.5546	(1/2") 22 Ø mm 40 mm	188,38	18,38
25.400.5547	(3/4") 28 Ø mm 40 mm	200,06	23,81
25.400.5548	(1") 35 Ø mm 40 mm	210,06	23,81

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.400.5549	(1 ¼") 42 Ø mm 40 mm	233,00	29,25
25.400.5550	(1 ½") 48 Ø mm 40 mm	251,75	29,25
25.400.5551	(2") 60 Ø mm 40 mm	298,44	42,19
25.400.5552	(2 ½") 76 Ø mm 40 mm	353,88	47,63
25.400.5553	(3") 89 Ø mm 40 mm	421,00	58,50
25.400.5554	(4") 114 Ø mm 40 mm	516,88	76,88
25.400.6000	Thermal insulation with aluminum composite film coated rubber foam based prefabricated pipes, with a total thickness of 250 microns and above (Unit: m) Supply, transportation to the work site, and installation, of the insulation materials laminated with Aluminum Composite Film with a total thickness of 250 microns on top of an elastomeric rubber foam prefabricated pipe insulation material, produced in compliance with the TS EN 14304 standard, bearing a CE compliance marking, with $\leq 0.040\text{W}/(\text{m.K})$ heat conductivity (0°C), $\mu \geq 7,000$ water vapor diffusion resistance coefficient, and a reaction to fire class of at least B, s3-d0, clearing the corrosion, dust and impurities on the duct surface to be insulated and coating it with two layers of red lead paint, applying the adhesive developed specifically for rubber foam on both sides after selecting and applying the insulation material conforming to the pipe's outer diameters, and wrapping the transverse joints with aluminum foil, self-adhesive, elastomeric rubber tape. Note: (4") For pipes with diameters larger than Ø114 mm, elastomeric rubber foam sheet at the desired insulation thickness shall be used and it shall be paid on item 25.480.1600. Pipe Outer Diameter Insulation Wall Thickness		
25.400.6002	(1/2") Ø22 mm 13 mm	89,88	29,25
25.400.6008	(3/4") Ø28 mm 19 mm	149,88	36,75
25.400.6012	(1") Ø35 mm 13 mm	129,69	42,19
25.400.6010	(3/4") Ø28 mm 32 mm	270,50	36,75
25.400.6007	(3/4") Ø28 mm 13 mm	108,00	36,75
25.400.6006	(3/4") Ø28 mm 9 mm	81,25	29,25
25.400.6005	(1/2") Ø22 mm 32 mm	244,25	29,25
25.400.6009	(3/4") Ø28 mm 25 mm	208,00	36,75
25.400.6003	(1/2") Ø22 mm 19 mm	129,25	29,25
25.400.6004	(1/2") Ø22 mm 25 mm	180,50	29,25
25.400.6001	(1/2") Ø22 mm 9 mm	69,25	29,25
25.400.6011	(1") Ø35 mm 9 mm	95,50	36,75
25.400.6034	(2½") Ø76 mm 25 mm	391,88	84,38
25.400.6022	(1½") Ø48 mm 13 mm	171,19	53,06
25.400.6016	(1¼") Ø42 mm 9 mm	109,06	42,19
25.400.6042	(4") Ø114 mm 13 mm	369,50	124,50
25.400.6040	(3") Ø89 mm 32 mm	519,44	100,69
25.400.7000	Insulation Jacket (Unit: Qty.) Supply to the work site and installation of insulation jackets manufactured in accordance with TS 13725 (used in insulation jackets - valves and installation fixtures) in accordance with Class 1 in hot water lines and fire systems, in accordance with Class 2 in saturated water vapor and superheated water vapor lines, in accordance with Class 4 in cooling lines; with a fabric thickness of at least 0.50 mm, with a fabric breaking strength of at least 2600 N in the warp direction and at least 1600 N in the weft direction, and made of fabrics with a fire reaction class of at least low-flammability.		
25.400.6031	(2½") Ø76 mm 9 mm	204,75	66,00
25.400.6020	(1¼") Ø42 mm 32 mm	331,38	47,63
25.400.6038	(3") Ø89 mm 19 mm	334,44	100,69
25.400.6025	(1½") Ø48 mm 32 mm	313,06	53,06
25.400.6045	(4") Ø114 mm 32 mm	643,25	124,50
25.400.6044	(4") Ø114 mm 25 mm	538,25	124,50
25.400.6018	(1¼") Ø42 mm 19 mm	201,38	47,63

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.400.6027	(2") Ø60 mm 13 mm	208,50	66,00
25.400.6013	(1")Ø35 mm 19 mm	169,69	42,19
25.400.6041	(4") Ø114 mm 9 mm	311,94	100,69
25.400.6015	(1")Ø35 mm 32 mm	294,69	42,19
25.400.6017	(1¼") Ø42 mm 13 mm	158,25	47,63
25.400.6019	(1¼") Ø42 mm 25 mm	267,63	47,63
25.400.6029	(2") Ø60 mm 25 mm	296,00	66,00
25.400.6023	(1½") Ø48 mm 19 mm	209,31	53,06
25.400.6026	(2") Ø60 mm 9 mm	171,19	53,06
25.400.6033	(2½") Ø76 mm 19 mm	303,13	84,38
25.400.6035	(2½") Ø76 mm 32 mm	421,88	84,38
25.400.6043	(4") Ø114 mm 19 mm	439,50	124,50
25.400.6030	(2") Ø60 mm 32 mm	372,25	66,00
25.400.6021	(1½") Ø48 mm 9 mm	128,88	47,63
25.400.6036	(3") Ø89 mm 9 mm	224,38	84,38
25.400.6024	(1½") Ø48 mm 25 mm	261,81	53,06
25.400.6037	(3") Ø89 mm 13 mm	293,19	100,69
25.400.6046	(1/2") 22 Ø mm 40 mm	250,50	29,25
25.400.6047	(3/4") 28 Ø mm 40 mm	284,25	36,75
25.400.6048	(1") 35 Ø mm 40 mm	310,94	42,19
25.400.6049	(1 ¼") 42 Ø mm 40 mm	341,38	47,63
25.400.6050	(1 ½") 48 Ø mm 40 mm	375,56	53,06
25.400.6051	(2") 60 Ø mm 40 mm	451,00	66,00
25.400.6052	(2 ½") 76 Ø mm 40 mm	505,63	84,38
25.400.6053	(3") 89 Ø mm 40 mm	614,44	100,69
25.400.6054	(4") 114 Ø mm 40 mm	765,75	124,50
25.400.6032	(2½") Ø76 mm 13 mm	255,63	84,38
25.400.7100	Insulation Jacket for Rubber Insulated Ball Valves, Dynamic Balance Valves, Two-Way Valves, Compensators		
25.400.7101	NW 15	812,19	135,94
25.400.7102	NW 20	839,69	135,94
25.400.7103	NW 25	844,69	135,94
25.400.7104	NW 32	1.046,88	271,88
25.400.7105	NW 40	1.105,63	271,88
25.400.7106	NW 50	1.289,38	271,88
25.400.7107	NW 65	1.494,06	407,81
25.400.7108	NW 80	1.634,06	407,81
25.400.7109	NW 100	1.746,56	407,81
25.400.6039	(3") Ø89 mm 25 mm	428,19	100,69
25.400.6014	(1")Ø35 mm 25 mm	239,69	42,19
25.400.6028	(2") Ø60 mm 19 mm	248,50	66,00
25.400.7110	NW 125	2.805,00	543,75
25.400.7111	NW 150	2.987,50	543,75
25.400.7112	NW 200	3.476,25	543,75
25.400.7113	NW 250	4.156,25	543,75
25.400.7200	Insulation Jacket for Slit Traps with Rubber Insulation Material, Three-piece Ball Valves, Static Balancing Valves, Gate Valves, Flanged Check Valves, Globe Valves, Three-way Valves, Pumps		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.400.7201	NW 15	803,44	135,94
25.400.7202	NW 20	832,19	135,94
25.400.7203	NW 25	863,44	135,94
25.400.7204	NW 32	1.300,63	271,88
25.400.7205	NW 40	1.380,63	271,88
25.400.7206	NW 50	1.508,13	271,88
25.400.7207	NW 65	2.229,06	407,81
25.400.7208	NW 80	2.416,56	407,81
25.400.7209	NW 100	2.651,56	407,81
25.400.7210	NW 125	3.120,00	543,75
25.400.7211	NW 150	3.451,25	543,75
25.400.7212	NW 200	4.093,75	543,75
25.400.7213	NW 250	4.657,50	543,75
25.400.7300	Insulation Jacket for Butterfly Valves with Rubber Insulation Material, All Threaded Group Valves, Check Valves		
25.400.7301	NW 15	812,19	135,94
25.400.7302	NW 20	839,69	135,94
25.400.7303	NW 25	870,94	135,94
25.400.7304	NW 32	991,88	271,88
25.400.7305	NW 40	1.069,38	271,88
25.400.7306	NW 50	1.211,88	271,88
25.400.7307	NW 65	1.424,06	407,81
25.400.7308	NW 80	1.562,81	407,81
25.400.7309	NW 100	1.631,56	407,81
25.400.7310	NW 125	2.002,50	543,75
25.400.7311	NW 150	2.083,75	543,75
25.400.7312	NW 200	2.372,50	543,75
25.400.7313	NW 250	2.630,00	543,75
25.400.7400	Insulation Jacket for Rock Wool or Needled Glass Fiber Insulated Ball Valves, Dynamic Balance Valves, Two-Way Valves, Compensators		
25.400.7401	NW 15	744,69	135,94
25.400.7402	NW 20	768,44	135,94
25.400.7403	NW 25	817,19	135,94
25.400.7404	NW 32	969,38	271,88
25.400.7405	NW 40	1.021,88	271,88
25.400.7406	NW 50	1.186,88	271,88
25.400.7407	NW 65	1.386,56	407,81
25.400.7408	NW 80	1.511,56	407,81
25.400.7409	NW 100	1.612,81	407,81
25.400.7410	NW 125	2.578,75	543,75
25.400.7411	NW 150	2.743,75	543,75
25.400.7412	NW 200	3.182,50	543,75
25.400.7413	NW 250	3.795,00	543,75
25.400.7500	Insulation Jacket for Slit Traps with Rock Wool or Needled Glass Fiber Insulation Material, Three-piece Ball Valves, Static Balancing Valves, Gate Valves, Flanged Check Valves, Globe Valves, Three-way Valves, Pumps		
25.400.7501	NW 15	737,19	135,94
25.400.7502	NW 20	762,19	135,94
25.400.7503	NW 25	790,94	135,94

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.400.7504	NW 32	1.196,88	271,88
25.400.7505	NW 40	1.269,38	271,88
25.400.7506	NW 50	1.384,38	271,88
25.400.7507	NW 65	2.046,56	407,81
25.400.7508	NW 80	2.215,31	407,81
25.400.7509	NW 100	2.427,81	407,81
25.400.7510	NW 125	2.862,50	543,75
25.400.7511	NW 150	3.160,00	543,75
25.400.7512	NW 200	3.738,75	543,75
25.400.7513	NW 250	4.246,25	543,75
25.400.7600	Insulation Jacket for Butterfly Valves with Rock Wool or Needled Glass Fiber Insulation Material, All Threaded Group Valves, Check Valves		
25.400.7601	NW 15	744,69	135,94
25.400.7602	NW 20	768,44	135,94
25.400.7603	NW 25	860,94	135,94
25.400.7604	NW 32	920,63	271,88
25.400.7605	NW 40	989,38	271,88
25.400.7606	NW 50	1.118,13	271,88
25.400.7607	NW 65	1.322,81	407,81
25.400.7608	NW 80	1.447,81	407,81
25.400.7609	NW 100	1.509,06	407,81
25.400.7610	NW 125	1.856,25	543,75
25.400.7611	NW 150	1.930,00	543,75
25.400.7612	NW 200	2.190,00	543,75
25.400.7613	NW 250	2.421,25	543,75
25.400.9000	Sheet Coating on Pipe Isolation: (Unit: m) Following the installation of the pipe insulations on the heating / cooling systems in the form of smooth circular rolls, windings 3 cm snap-on (cord), at least two per piece, with 3 mm cylinder head screws, screwed at intervals of 20 cm, corner brackets (corded), (at least 80 up to 4 parts, 150 up to 6 pieces, 300 up to 8 pieces) and reductions are manufactured and assembled in conical shape at the work site. NOTE: 1- Prices do not include insulation materials, but only cover the sheet metal. 2- The total length (m) including such parts as fittings, reduction and T shall be taken as basis for dimensioning for the purpose of pricing .		
25.400.9100	Aluminum Sheet (0.6 mm) Coating on the Pipe Insulation Material		
25.400.9101	Coating diameter up to 50 mm	179,74	125,00
25.400.9102	Including 50 mm, coating diameter up to 100 mm	235,93	125,00
25.400.9103	Including 100 mm, coating diameter up to 150 mm	289,21	125,00
25.400.9104	Including 150 mm, coating diameter up to 200 mm	343,95	125,00
25.400.9105	Including 200 mm, coating diameter up to 250 mm	417,94	140,63
25.400.9106	Including 250 mm, coating diameter up to 300 mm	475,58	140,63
25.400.9107	Including 300 mm, coating diameter up to 350 mm	528,86	140,63
25.400.9108	Including 350 mm, coating diameter up to 400 mm	584,33	140,63
25.400.9109	Including 400 mm, coating diameter up to 500 mm	695,25	140,63
25.400.9200	Galvanized Sheet (0.5 mm) Coating on the Pipe Insulation Material		
25.400.9201	Coating diameter up to 50 mm	157,11	125,00
25.400.9202	Including 50 mm, coating diameter up to 100 mm	188,31	125,00
25.400.9203	Including 100 mm, coating diameter up to 150 mm	219,96	125,00

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.400.9204	Including 150 mm, coating diameter up to 200 mm	251,61	125,00
25.400.9205	Including 200 mm, coating diameter up to 250 mm	298,90	140,63
25.400.9206	Including 250 mm, coating diameter up to 300 mm	330,55	140,63
25.400.9207	Including 300 mm, coating diameter up to 350 mm	362,20	140,63
25.400.9208	Including 350 mm, coating diameter up to 400 mm	393,85	140,63
25.400.9209	Including 400 mm, coating diameter up to 500 mm	457,16	140,63
25.410.1000	AIR COMPRESSOR: (Unit: Qty.) The supply to the work site, on-site installation and delivery in working order of the air compressor, in accordance with the features in the approved design, with air-cooled motor, power, speed, the compressor with all the accessories shall be selected, TSE certified, with suction filter, the motor and the compressor coupled with an elastic coupling or by belt and pulley, inter-cooler for two-stage types, oil and water separator, the motor with thermal and magnetic circuit breaker, automatic pressure switch, with all the electrical connections (the free air delivered in 1 minute at 1000 RPM shall be the basis for the price, air receiver is not within the scope).		
25.410.1100	8 Atmosphere pressure compressor;		
25.410.1101	1 m³/h free air	8.098,75	918,75
25.410.1102	3 m³/h free air	19.985,63	973,13
25.410.1103	5 m³/h free air	26.502,50	1.027,50
25.410.1104	10 m³/h free air	43.844,38	1.231,88
25.410.1105	15 m³/h free air	61.190,63	1.340,63
25.410.1106	20 m³/h free air	72.828,13	1.565,63
25.410.1200	15 Atmosphere pressure compressor; The unit prices including installation in the item 25.410.1100 shall be raised by 50% with the installation fees remaining unchanged.		
25.410.2000	SCREW TYPE AIR COMPRESSOR (Unit: Qty.) The supply, on-site installation and delivery in working order of the screw type air compressor, to be selected in accordance with the features in the approved design, air cooled motor, power, speed, with all the accessories on the compressor and with other required information, driven by an electric motor to increase the air pressure by rotation, asymmetric profiled screw group, air suction filter, oil selected at appropriate grade and an air cooler, oil and air separator, oil filter, appropriately selected oil tank, normal and high pressure switch, electrical panel for running star/delta, cabinet with acoustic insulation with maximum noise level of 75 dB. (The air tank is not included in the price)		
25.410.2100	8 Atmosphere pressure compressor;		
25.410.2101	1.12 m³/min. free air	151.168,75	1.293,75
25.410.2102	1.83 m³/min. free air	165.815,63	1.565,63
25.410.2103	2.52 m³/min. free air	207.212,50	1.837,50
25.410.2104	3.09 m³/min. free air	237.109,38	2.109,38
25.410.2105	3.60 m³/min. free air	252.642,48	3.017,48
25.410.2106	5.20 m³/min. free air	314.376,23	3.126,23
25.410.2107	6.20 m³/min. free air	349.523,10	3.398,10
25.410.2108	7.25 m³/min. free air	401.061,23	3.561,23
25.410.2200	Threaded air compressor with 15 atmosphere pressure; the unit price in item 25.410.2000 including the installation shall be increased by 50%, the installation cost shall remain unchanged.		
25.410.5000	Air Compressor air receiver, up to 10 atmosphere pressure; The supply of the spray painted air receiver together with a pressure gauge of 10 atmosphere operating pressure, safety valve, pressurestat and water drain tap, installation in conformance with the position of the compressor		
25.410.5001	50 L	8.403,75	750,00
25.410.5002	100 L	13.095,00	858,75
25.410.5003	150 L	14.971,88	1.021,88
25.410.5004	200 L	16.171,88	1.396,88
25.410.5005	300 L	20.405,63	1.505,63
25.410.5006	500 L	26.670,11	1.895,11

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.410.5007	1000 L	37.390,74	2.215,74
25.410.5100	Air receiver for the air compressor, resistant to 20 atmosphere pressure, other features are the same as in item BFT 25.410.5000; the unit prices in item BFT 25.410.5000 including the installation shall be increased by 20%, the installation costs shall remain unchanged.		



REPUBLIC OF TÜRKİYE
MINISTRY OF ENVIRONMENT, URBANIZATION,
AND CLIMATE CHANGE

Higher Technical Board

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VENTILATION AND AIR CONDITIONING
INSTALLATION
UNIT PRICES AND SPECIFICATIONS

2025

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.450.1000	RADIAL VENTILATION OR SUCTION FANS: (SINGLE OR DOUBLE INLET): (Unit: Qty.). (Quality certified by TSE). Supply to the work site, installation on a chassis or concrete base with sufficient anti-vibration insulation, connection to ducts with flexible joints, of ventilation fans with roller or sliding bearings balanced statically or dynamically; rotors; and a belt tensioning mechanism driven by a V-belt that is seamless or directly coupled with an electric motor operating with three-phase current unless specified otherwise in the project design; production of sheet metal parts with DKP sheets and interior and exterior coating of such parts with anti-rust paint and coating of the visible parts with two layers of heat-resistant, gun-sprayed paint in desired colors (The concrete base, and the cells if cells are used for electrical installation, shall be charged per the relevant items.) (Other prices shall be interpolated). (Items such as anti-vibration wedges, etc. used for production of devices shall be included in the unit prices, and no additional fees shall be charged.)		
25.450.1100	Max. 225 pascal (25 mmWC) total pressure.		
25.450.1101	Max. 1000 m³/h	33.709,38	1.396,88
25.450.1102	2,000 m³/h	35.421,88	1.396,88
25.450.1103	3,000 m³/h	37.434,38	1.396,88
25.450.1104	4,000 m³/h	38.209,38	1.771,88
25.450.1105	5,000 m³/h	49.859,38	1.771,88
25.450.1106	6,000 m³/h	56.318,75	2.418,75
25.450.1107	8,000 m³/h	61.093,75	3.543,75
25.450.1108	10,000 m³/h	63.665,63	4.190,63
25.450.1109	12,000 m³/h	75.228,13	4.190,63
25.450.1110	16,000 m³/h	80.815,63	4.565,63
25.450.1111	20,000 m³/h	120.315,63	4.940,63
25.450.1112	25,000 m³/h	156.462,50	5.587,50
25.450.1113	30,000 m³/h	183.337,50	5.587,50
25.450.1114	40,000 m³/h	225.734,38	6.984,38
25.450.1115	50,000 m³/h	269.381,25	8.381,25
25.450.1116	60,000 m³/h	310.131,25	9.131,25
25.450.1117	80,000 m³/h	336.153,13	10.153,13
25.450.1118	100,000 m³/h	416.050,00	11.175,00
25.450.1200	Max. 450 pascal (50 mmWC) total pressure, and other specifications shall be the same as the item 25.452.1100. Unit price including installation in the item 25.452.1100 shall be raised by 10%, and the installation fee shall remain unchanged.		
25.450.1300	Max. 675 pascal (75 mmWC) total pressure, and other specifications shall be the same as the item 25.450.1100. Unit price including installation in the item 25.450.1100 shall be raised by 20%, and the installation fee shall remain unchanged.		
25.450.1400	Max. 900 pascal (100 mmWC) total pressure, and other specifications shall be the same as the item 25.450.1100. Unit price including installation in the item 25.450.1100 shall be raised by 30%, and the installation fee shall remain unchanged.		
25.450.1500	Max. 1350 pascal (150 mmWC) total pressure, and other specifications shall be the same as the item 25.450.1100. Unit price including installation in the item 25.450.1100 shall be raised by 35%, and the installation fee shall remain unchanged.		
25.450.2000	ROOF-TOP ASPIRATOR: (Unit: Qty.) (quality certified by TSE). Supply to the work site, installation, and delivery in working order, including electric motor, of roof-top ventilation fans described in the item 25.450.1000 with a metallic base for installation on the roof-top, and equipped with an aesthetic bonnet to protect the motor from external effects. (Electrical installation shall be paid per the relevant unit prices) (Unit prices of other values shall be interpolated).		
25.450.2100	Roof-top radial suction fans with max. 225 pascal (25 mmWC) pressure:		
25.450.2101	Max. 1,000 m³/h	14.536,81	2.800,56
25.450.2102	2,000 m³/h	19.642,44	2.929,94
25.450.2103	3,000 m³/h	24.034,31	3.059,31

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.450.2104	4,000 m³/h	27.603,98	3.553,98
25.450.2105	5,000 m³/h	34.539,91	3.877,41
25.450.2106	6,000 m³/h	36.127,41	3.877,41
25.450.2107	8,000 m³/h	43.410,65	4.260,65
25.450.2108	10,000 m³/h	101.459,09	4.584,09
25.450.2109	12,000 m³/h	125.220,03	4.907,53
25.450.2110	16,000 m³/h	138.105,96	5.230,96
25.450.2111	20,000 m³/h	144.355,96	5.230,96
25.450.2112	25,000 m³/h	169.679,40	5.554,40
25.450.2113	30,000 m³/h	202.251,14	6.876,14
25.450.3000	AXIAL VENTILATION FANS: (SUCTION FANS) (Unit: Qty.) (Quality certified by TSE). Supply to the work site with the electric motor, installation with the necessary vibration insulator, connection to ducts with flexible joints and canvas, and delivery in working order, of axial ventilation (suction) fans with steel or aluminum blades, coupled with a mono-phase or three-phase electric motor with required power up to 225 pascals (25 mmWC) directly or with belt and pulley. (Electrical installation to be paid per the relevant unit prices). (Other values shall be interpolated) (Items such as anti-vibration wedges, etc. used for production of devices shall be included in the unit prices, and no additional fees shall be charged.)		
25.450.3100	Axial ventilation fan, up to 1500 rpm:		
25.450.3101	Max. 5,000 m³/h	32.331,25	2.793,75
25.450.3102	8,000 m³/h	37.818,75	3.168,75
25.450.3103	10,000 m³/h	38.668,75	3.168,75
25.450.3104	12,000 m³/h	44.293,75	3.543,75
25.450.3105	14,000 m³/h	45.293,75	3.543,75
25.450.3106	16,000 m³/h	46.053,13	3.815,63
25.450.3107	20,000 m³/h	48.928,13	3.815,63
25.450.3200	Axial ventilation fan, up to 900 rpm:		
25.450.3201	Max. 10,000 m³/h	50.418,75	3.543,75
25.450.3202	12,000 m³/h	53.815,63	3.815,63
25.450.3203	14,000 m³/h	56.940,63	3.815,63
25.450.3204	16,000 m³/h	60.440,63	4.190,63
25.450.3205	20,000 m³/h	64.315,63	4.940,63
25.450.3206	24,000 m³/h	72.000,00	5.587,50
25.450.3207	30,000 m³/h	79.025,00	5.587,50
25.450.3208	40,000 m³/h	86.025,00	6.337,50
25.450.3209	50,000 m³/h	92.146,88	6.984,38
25.450.4100	Window-mounted domestic fans (Unit: Qty.) Supply to the work site and installation of window-type, single-direction, plastic ventilation fans with automatic shutters actuated by air movements, engines with insulation class B and protected against overheating with a thermal breaker, and a maximum noise level of 35 to 45 dB, designed to exhaust the air directly to outside, which shall be 230 V and 50 Hz single-phase, in IPX4 class, and designed to comply with TS EN 60335-2-80 and the 2014/35/EU Low Voltage Directive.		
25.450.4101	400 m³/h	4.406,25	468,75
25.450.4102	600 m³/h	5.208,75	468,75
25.450.4103	900 m³/h	6.028,75	468,75
25.450.5100	Duct-type suction fans (Unit: Qty.) It shall allow installation between two ducts, and have a galvanized steel sheet or electrostatic powder-coated body, factory-made electrical connections, and be equipped with a motor and terminal box in IP44 protection class. The blades shall be inclined back or forward, and the roller bearings shall be maintenance-free. The fan housing shall be mounted on anti-vibration pads, and a protective wire-mesh guard shall be installed at the fan outlet. Supply, installation,		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	and delivery in working order, including labor, of duct-type axial suction fans with adjustable speed, equipped with standard thermal protection on fan motors. (100-pa air flow rate shall be taken as basis for device capacities.)		
25.450.5101	100 m³/h	8.301,88	1.021,88
25.450.5102	200 m³/h	8.848,13	1.021,88
25.450.5103	300 m³/h	9.394,38	1.021,88
25.450.5104	400 m³/h	10.121,88	1.021,88
25.450.5105	500 m³/h	11.589,38	1.396,88
25.450.5106	750 m³/h	12.316,88	1.396,88
25.450.5107	1000 m³/h	13.773,13	1.396,88
25.450.5108	1250 m³/h	17.784,38	1.396,88
25.450.5109	1500 m³/h	19.971,88	1.771,88
25.450.5110	1750 m³/h	21.834,38	1.771,88
25.450.5111	2000 m³/h	22.818,75	2.418,75
25.450.5112	2500 m³/h	24.481,25	2.418,75
25.450.7100	Axial Jet Fans (Unit: Qty.) The device shall be in compliance with the Regulation 305/2011/EU on Construction Materials, released with the CE marking, and resistance class F300 as per TS EN 12101-3, with max. 3-kW power and blades balanced as per ISO 1940-1. The fan motor shall be fully enclosed, capable of operating at two different speeds as well as continuously and in emergency, have 2/4 poles, and comply with min. IP55 protection class, H insulation class, cooled by the air flowing above. Electrical terminal boxes and cable bushings on the device shall be fire-resistant. The blade shall be axial. The fan shall be injection-molded made of aluminum alloy. Two sides of the fan housing shall be equipped with rock wool-insulated silencers for sound absorption. Both ends of the jet fans shall be equipped with directional vanes and protective wire-mesh guards. The capacities are the values at the second speed. The description does not include automation, termination panel and wiring.		
25.450.7101	Thrust force: 22 N, Inner diameter: min. 275 mm, flow rate: min. 3,500 m³/h	38.231,25	3.168,75
25.450.7102	Thrust force: 32 N, Inner diameter: min. 315 mm, flow rate: min. 4,500 m³/h	43.390,63	4.190,63
25.450.7103	Thrust force: 50 N, Inner diameter: min. 355 mm, flow rate: min. 5,000 m³/h	47.378,13	4.940,63
25.450.7104	Thrust force: 58 N, Inner diameter: min. 400 mm, flow rate: min. 9,000 m³/h	48.512,50	5.212,50
25.450.7105	Thrust force: 80 N, Inner diameter: min. 400 mm, flow rate: min. 10,000 m³/h	58.262,50	5.587,50
25.450.7200	Radial Jet Fans (Unit: Qty.) The device shall be in compliance with the Regulation 305/2011/EU on Construction Materials, released with the CE marking, and resistance class F300 as per TS EN 12101-3, with max. 3-kW power and blades balanced as per ISO 1940-1. The fan motor shall be fully enclosed, capable of operating at two different speeds as well as continuously and in emergency, have 4/8 poles, and comply with min. IP55 protection class, min. H insulation class, cooled by the air flowing above. The suction side of the fans shall be equipped with a protection wire, and guides to ensure homogeneous distribution of air at the blowing outlet. Electrical terminal boxes and cable bushings on the device shall be fire-resistant. Radial blades shall have a centrifugal structure with the blades inclined backwards, robot welded, made of black sheet metal, and coated with electrostatic oven-dried paint. The capacities are the values at the second speed (minimum). The description does not include automation, termination panel and wiring.		
25.450.7201	Thrust force: 50 N, Flow rate : min. 6,000 m³/h	52.315,63	4.190,63
25.450.7202	Thrust force: 75 N, Flow rate : min. 8,000 m³/h	58.778,13	4.565,63
25.450.7203	Thrust force: 100 N, Flow rate : min. 8,900 m³/h	87.512,50	5.212,50
25.452.1000	Smoke Vent Fan: (Unit: Qty.) The supply to the work site and installation on a chassis or concrete base with sufficient anti-vibration insulation of the axial vent fan manufactured in compliance with the Directive (305/2011/EC) on Construction Products, released with CE compliance marking, roof type, single stage, approximately 10 kW power, with silencer, control panel, statically and dynamically balanced, with the rotor on roll bearings or sliding bearings, driven by a three phase electric motor coupled directly or by way of a belt-pulley system with jointless pulley, connection to the ducts with flexible fixtures, manufacture of sheet metal parts with DKP sheets; interior and exterior coating of such parts with anti-rust paint and		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	coating of the visible parts with two layers of heat-resistant, gun-sprayed paint in desired colors (The electrical installation and the motor, if made with cells, the price of the cell and the price of the concrete base shall be paid as per the relevant unit prices.) (Intermediate prices shall be calculated by interpolation.) (Vibration-proof wedges and similar productions are included in unit prices.)		
25.452.1100	According to TS EN 12101, fire resistance class F200 (200 °C, 120 min), total pressure up to 225 Pascal (25 mmWC).		
25.452.1101	10,000 m³/h	93.990,63	9.778,13
25.452.1102	12,000 m³/h	101.400,00	11.175,00
25.452.1103	16,000 m³/h	111.121,88	12.571,88
25.452.1104	20,000 m³/h	120.918,75	13.593,75
25.452.1105	25,000 m³/h	137.881,25	13.968,75
25.452.1106	30,000 m³/h	158.615,63	15.365,63
25.452.1107	35,000 m³/h	167.762,50	16.762,50
25.452.1108	40,000 m³/h	179.784,38	18.159,38
25.452.1109	45,000 m³/h	208.703,13	20.953,13
25.452.1110	50,000 m³/h	220.850,00	22.350,00
25.452.1111	55,000 m³/h	252.121,88	23.746,88
25.452.1112	60,000 m³/h	290.393,75	25.143,75
25.452.1113	65,000 m³/h	301.540,63	26.540,63
25.452.1114	70,000 m³/h	318.687,50	27.937,50
25.452.1115	75,000 m³/h	331.584,38	29.334,38
25.452.1116	80,000 m³/h	369.231,25	30.731,25
25.452.1117	90,000 m³/h	389.628,13	32.128,13
25.452.1118	100,000 m³/h	427.150,00	33.525,00
25.452.1200	Up to 450 pascal (50 mmWC) total pressure, and other specifications shall be the same as the item 25.452.1100. Unit price including installation in the item 25.452.1100 shall be raised by 10%, and the installation fee shall remain unchanged.		
25.452.1300	Up to 675 pascal (75 mmWC) total pressure, and other specifications shall be the same as the item 25.452.1100. Unit price including installation in the item 25.452.1100 shall be raised by 20%, and the installation fee shall remain unchanged.		
25.452.1400	According to TS EN 12101, fire resistance class F300 (300 °C, 60 min), total pressure up to 225 Pascal (25 mmWC).		
25.452.1401	10,000 m³/h	102.525,00	11.175,00
25.452.1402	12,000 m³/h	108.921,88	12.571,88
25.452.1403	16,000 m³/h	121.581,25	13.968,75
25.452.1404	20,000 m³/h	135.490,63	15.365,63
25.452.1405	25,000 m³/h	159.512,50	16.762,50
25.452.1406	30,000 m³/h	182.137,50	16.762,50
25.452.1407	35,000 m³/h	208.534,38	18.159,38
25.452.1408	40,000 m³/h	214.931,25	19.556,25
25.452.1409	45,000 m³/h	283.828,13	20.953,13
25.452.1410	50,000 m³/h	292.850,00	22.350,00
25.452.1411	55,000 m³/h	339.246,88	23.746,88
25.452.1412	60,000 m³/h	360.643,75	25.143,75
25.452.1413	65,000 m³/h	390.812,50	27.937,50
25.452.1414	70,000 m³/h	404.687,50	27.937,50
25.452.1415	75,000 m³/h	421.231,25	30.731,25
25.452.1416	80,000 m³/h	451.356,25	30.731,25
25.452.1417	90,000 m³/h	479.150,00	33.525,00
25.452.1418	100,000 m³/h	521.525,00	33.525,00

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.452.1500	Up to 450 pascal (50 mmWC) total pressure, and other specifications shall be the same as the item 25.452.1400. Unit price including installation in the item 25.452.1400 shall be raised by 10%, and the installation fee shall remain unchanged.		
25.452.1600	Up to 675 pascal (75 mmWC) total pressure, and other specifications shall be the same as the item 25.452.1400. Unit price including installation in the item 25.452.1400 shall be raised by 20%, and the installation fee shall remain unchanged.		
25.452.2000	Pressuring Fan: (Unit: Qty.) The supply to the work site and installation on a chassis or concrete base with sufficient anti-vibration insulation of the axis pressuring fan, duct type, single stage, approximately 10 kW power, with silencer, control panel, statically and dynamically balanced, with the rotor on roll bearings or sliding bearings, driven by a three phase electric motor coupled directly or by way of a belt-pulley system with jointless pulley, connection to the ducts with flexible fixtures, manufacture of sheet metal parts with DKP sheets; interior and exterior coating of such parts with anti-rust paint and coating of the visible parts with two layers of paint in desired colors (The electrical installation and the motor, if made with cells, the price of the cell and the price of the concrete base shall be paid as per the relevant unit prices, intermediate prices shall be calculated by interpolation; anti-vibration wedges and similar materials are included in the unit prices).		
25.452.2100	Ladder Pressurization Fan total pressure up to 500 pascal.		
25.452.2101	2,500 m³/h	58.753,13	4.940,63
25.452.2102	5,000 m³/h	64.400,00	5.587,50
25.452.2103	7,500 m³/h	75.434,38	6.609,38
25.452.2104	10,000 m³/h	79.559,38	6.984,38
25.452.2105	12,500 m³/h	87.071,88	6.984,38
25.452.2106	15,000 m³/h	92.071,88	6.984,38
25.452.2107	20,000 m³/h	114.546,88	7.359,38
25.452.2108	25,000 m³/h	163.778,13	9.403,13
25.452.2109	30,000 m³/h	173.778,13	9.403,13
25.452.2110	35,000 m³/h	207.425,00	11.175,00
25.452.2200	Up to 750 pascal total pressure, and other specifications shall be the same as the item 25.452.2100. Unit price including installation in the item 25.452.1100 shall be raised by 10%, and the installation fee shall remain unchanged.		
25.452.2300	Up to 1100 pascal total pressure, and other specifications shall be the same as the item 25.452.2100. Unit price including installation in the item 25.452.1100 shall be raised by 20%, and the installation fee shall remain unchanged.		
25.452.2400	Elevator Pressurization Fan total pressure up to 500 pascal.		
25.452.2401	2,500 m³/h	59.700,00	5.212,50
25.452.2402	5,000 m³/h	70.175,00	5.212,50
25.452.2403	7,500 m³/h	79.525,00	5.587,50
25.452.2404	10,000 m³/h	90.087,50	5.587,50
25.452.2405	12,500 m³/h	97.334,38	6.984,38
25.452.2406	15,000 m³/h	99.309,38	6.984,38
25.452.2500	Up to 750 pascal total pressure, and other specifications shall be the same as the item 25.452.2400. Unit price including installation in the item 25.452.1100 shall be raised by 10%, and the installation fee shall remain unchanged.		
25.452.2600	Max. 1000 pascal total pressure, and other specifications shall be the same as the item 25.452.2400. Unit price including installation in the item 25.452.2400 shall be raised by 20%, and the installation fee shall remain unchanged.		
25.452.3000	Excess Pressure Relief Damper: (Unit: Qty.) Damper with proportional spring or counter weight, grille and mounting elements with dimensions of 300 mm x 600 mm.	3.400,00	800,00
25.455.1000	DRY AIR FILTERS: (Unit: Qty.)		
25.455.1100	Dry air filter with components that should not be cleaned (synthetic type): Installation and delivery in working order of air filters with the capacities specified below, capable of clearing 80% of the airborne dust particles with 75% larger than 10 microns and 25% sized between 01 and 10 microns; which shall have a resistance of 40 pascal (4.5 mmWC) at 1.5 m/s and collect 1,200 g of dust per square meter (resistance lower than 72 pascal) (8 mmWC at 1.5 m/s with 1,200 g/m² dust) when clean (less than 200 grams of dust per m²), and which shall allow replacement of its dust collecting element after collecting the said amount of dust, complete with the guide rails for ease of installation in the existing central		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	unit. Note: Filters with greater capacity than 50,000 m ³ /h may be in 2 groups. In such cases, the Unit Price of the capacity after division shall be applicable.		
25.455.1101	100 to 500 m ³ /h	956,25	62,50
25.455.1102	501 to 1,500 m ³ /h	1.037,50	62,50
25.455.1103	1,501 to 3,000 m ³ /h	1.456,25	156,25
25.455.1104	3,001 to 5,000 m ³ /h	1.716,25	156,25
25.455.1105	5,001 to 10,000 m ³ /h	3.400,00	312,50
25.455.1106	10,001 to 20,000 m ³ /h	6.312,50	625,00
25.455.1107	20,001 to 30,000 m ³ /h	8.750,00	625,00
25.455.1108	30,001 - 40,000 m ³ /h	11.987,50	937,50
25.455.1109	40,001 - 50,000 m ³ /h	13.937,50	937,50
25.455.1200	Dry air filter with components that can be cleaned (metallic or synthetic type). Dry air filter with components that can be washed and reused; the specifications shall be similar to the item 25.455.1100, and the unit prices including installation shall be raised by 15%, and the installation fees shall remain unchanged.		
25.455.1300	Bag filter: Supply and installation of bag filters of stitched bags made of chemical fibers or glass wool, which shall be sized as specified below, protect the air from 90% of the dusts sized up to 10 microns, in compliance with the EU-4 or G4 class, equipped with galvanized sheet metal or plastic for the ease of installation in the central unit, which shall have initial operating pressures of 35 to 50 Pa. Size (mm) Debi (m ³ /h)		
25.455.1301	305 x 305 1.100	1.687,50	62,50
25.455.1302	305 x 610 2.200	2.175,00	62,50
25.455.1303	610 x 305 2.200	2.337,50	62,50
25.455.1304	610 x 610 4.300	3.343,75	93,75
25.458.1000	CENTRAL UNIT HEATERS (PN 6 - 16 QUALITY) (Unit: Qty.)		
25.458.1100	Heater with copper pipes, copper or aluminum blades Heater with copper pipes, or copper or aluminum blades (Logarithmic capacity to be used for pricing: tm= 60 °C, hot water operation and serpentine intake rate: 3 m/s)		
25.458.1101	(1,000 kcal/h) 1.1 kW	3.610,00	543,75
25.458.1102	(5,000 kcal/h) 5.5 kW	8.008,75	543,75
25.458.1103	(10,000 kcal/h) 11 kW	10.069,38	815,63
25.458.1104	(20,000 kcal/h) 22 kW	12.178,75	1.087,50
25.458.1105	(40,000 kcal/h) 44 kW	16.234,38	1.359,38
25.458.1106	(60,000 kcal/h) 66 kW	19.556,25	1.631,25
25.458.1107	(80,000 kcal/h) 88 kW	22.781,25	1.631,25
25.458.1108	(100,000 kcal/h) 110 kW	28.525,00	2.175,00
25.458.1109	(150,000 kcal/h) 165 kW	38.725,00	2.175,00
25.458.1110	(200,000 kcal/h) 220 kW	49.681,25	2.718,75
25.458.1111	(300,000 kcal/h) 330 kW	66.218,75	2.718,75
25.458.2000	CENTRAL UNIT COOLERS (up to 4 ATM pressure): (Including the galvanized or plastic-based condensation tray) (Unit: Qty.)		
25.458.2100	Cooler with copper pipes, copper or aluminum blades: Logarithmic capacity to be used for pricing: tm= 15 °C, cold water operation and serpentine intake rate: 3 m/s		
25.458.2101	(500 kcal/h) 0.55 kW	3.214,38	815,63
25.458.2102	(1,000 kcal/h) 1.1 kW	4.852,50	1.087,50
25.458.2103	(2,000 kcal/h) 2.2 kW	5.724,38	1.359,38

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.458.2104	(4,000 kcal/h) 4.4 kW	11.830,00	1.631,25
25.458.2105	(8,000 kcal/h) 8.8 kW	16.271,88	2.446,88
25.458.2106	(12,000 kcal/h) 13.2 kW	18.512,50	3.262,50
25.458.2107	(16,000 kcal/h) 17.6 kW	24.115,63	4.078,13
25.458.2108	(20,000 kcal/h) 22 kW	25.818,75	4.893,75
25.458.2109	(30,000 kcal/h) 33 kW	31.090,63	5.165,63
25.458.2110	(40,000 kcal/h) 44 kW	38.340,63	5.165,63
25.458.2111	(60,000 kcal/h) 66 kW	47.590,63	5.165,63
25.458.2112	(80,000 kcal/h) 88 kW	64.962,50	5.437,50
25.458.2113	(160,000 kcal/h) 176 kW	104.081,25	5.981,25
25.458.2114	(320,000 kcal/h) 352 kW	191.546,88	6.796,88
25.458.3000	Direct Expansion (Dx) - Heat Pump (Dx) Batteries Direct expansion (Dx) batteries are made from copper pipes - aluminum fins, tightness tests were conducted by applying 48.0-bar testing pressure to the batteries with 41.0-bar operating pressure and min. 34.0-bar testing pressure to the batteries with 22.0-bar operating pressure as per the testing pressure procedure under the Pressure Equipment Directive 2014/68/EU and TS EN 378 standard, and max. air side rate of 3.0 m/s for the battery, a coolant side pressure loss of 35 kPa, an evaporation temperature of 6 to 8 °C, an air input of 35 °C and humidity of 50% were taken as reference for log ΔTm ~18 K based on the approved project capacities and the cooling loads of the battery capacities given below.		
25.458.3001	Cooling capacity up to 28 kW	24.865,74	2.203,24
25.458.3002	Cooling capacity up to 28 to 56 kW	31.534,49	2.421,99
25.458.3003	Cooling capacity up to 56 to 84 kW	51.684,49	2.734,49
25.458.3004	Cooling capacity up to 84 to 112 kW	74.975,11	2.850,11
25.458.3005	Cooling capacity up to 112 to 140 kW	96.268,86	3.068,86
25.458.3006	Cooling capacity up to 140 to 168 kW	109.596,99	3.484,49
25.458.3007	Cooling capacity up to 168 to 196 kW	122.868,86	3.818,86
25.458.3008	Cooling capacity up to 196 to 224 kW	134.840,74	4.090,74
25.458.3009	Cooling capacity up to 224 to 252 kW	181.621,99	4.246,99
25.458.3010	Cooling capacity up to 252 to 280 kW	209.100,11	4.350,11
25.458.3100	DX battery control module: Supply and installation of a control module and a heating/cooling selector switch which can control a desired direct expansion battery capacity, manage the external unit capacity by detection elements, and allows temperature adjustment on the control panel.		
25.458.3101	Cooling capacity up to 28 kW	36.415,74	1.765,74
25.458.3102	Cooling capacity up to 28 to 56 kW	38.831,36	1.943,86
25.458.3103	Cooling capacity up to 56 to 84 kW	53.900,11	2.100,11
25.458.3104	Cooling capacity up to 84 to 112 kW	57.128,24	2.203,24
25.458.3105	Cooling capacity up to 112 to 140 kW	74.121,99	2.421,99
25.458.3106	Cooling capacity up to 140 to 168 kW	81.434,49	2.734,49
25.458.3107	Cooling capacity up to 168 to 196 kW	97.500,11	2.850,11
25.458.3108	Cooling capacity up to 196 to 224 kW	129.693,86	3.068,86
25.458.3109	Cooling capacity up to 224 to 252 kW	147.359,49	3.484,49
25.458.3110	Cooling capacity up to 252 to 280 kW	157.443,86	3.818,86
25.458.3200	DX battery Electronic Expansion kit Delivery in working order of an expansion kit with sensors and a factory-manufactured enclosure, which is capable of adjusting the amount of the fluid by an insulated direct expansion valve.		
25.458.3201	Cooling capacity up to 28 kW	12.571,99	1.765,74
25.458.3202	Cooling capacity up to 28 to 56 kW	15.568,86	1.943,86
25.458.3203	Cooling capacity up to 56 to 84 kW	26.875,11	2.100,11

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.458.3204	Cooling capacity up to 84 to 112 kW	30.365,74	2.203,24
25.458.3205	Cooling capacity up to 112 to 140 kW	41.934,49	2.421,99
25.458.3206	Cooling capacity up to 140 to 168 kW	46.109,49	2.734,49
25.458.3207	Cooling capacity up to 168 to 196 kW	58.243,86	3.068,86
25.458.3208	Cooling capacity up to 196 to 224 kW	60.715,74	3.328,24
25.458.3209	Cooling capacity up to 224 to 252 kW	70.784,49	3.421,99
25.458.3210	Cooling capacity up to 252 to 280 kW	73.009,49	3.484,49
25.458.5000	MOISTURIZERS: (Unit: Qty.)		
25.458.5100	Steam humidifiers with proportional control: Steam humidifier in a heat-resistant special plastic housing, which turns water into steam by energy transfer by its opposing electrode units. Steam humidifiers with a water input solenoid valve cylinder with electrodes in the unit; a control panel, electronic board, contactor and cabling in a separate compartment; and equipped with an electronic board adjusting the water level in the cylinder depending on the humidity requirement; which shall be capable of operating by adjusting itself automatically to water with a conductivity range of 125 to 800 Micro Siemens (US) (15 C) without any requirement for treated water, and generate steam when the water and power connections of the device are made; and which shall be equipped with a cylinder that can be opened to allow removal of scaling caused by the water; a stainless steel electrode; a blow-off pump and a microprocessor with proportional control. Supply, installation, and delivery in working order, with a nickel-plated brass or stainless steel distribution pipe, min. 3-meter-long special rubber-braided hose and special rubber drainage hose compatible with the internal size and distributed steam capacity of the unit, ducts and air conditioning central units for applications of steam distribution into ducts and air conditioning central units. Capacity (kg/h)		
25.458.5101	6	47.471,88	1.396,88
25.458.5102	10	66.359,38	1.396,88
25.458.5103	17	69.559,38	1.396,88
25.458.5104	30	73.246,88	1.396,88
25.458.5105	45	89.621,88	2.146,88
25.458.5106	60	141.896,88	2.146,88
25.458.5107	90	172.021,88	2.146,88
25.458.5108	116	192.771,88	2.146,88
25.458.5109	130	207.396,88	2.146,88
25.460.1000	VENTILATION, HEATING, AND AIR CONDITIONING CENTRAL UNIT CELL: (Unit: m²) Supply, installation, and securing on the floor or a concrete base with the ducts insulated against vibration with flexible fittings, of central unit cells that bring together the facilities for detachment and removal of ventilation fans, filters, dampers, heaters, coolers, humidifiers, and automatic control devices in the order specified in the relevant approved project so that they continue to function; connection of pipes with flanges or bushes, coating of the necessary surfaces with two layers of anti-rust paint; coating of the external surface with two layers of gun-sprayed paint; and acoustic insulation of the required interior surfaces. - The external surface with 6 sides of the air conditioner central unit cell shall be taken as basis for the quantities, the intermediary cells shall not be considered, and the duct connection holes shall not be subtracted from the estimated surface. - Acoustic insulation within the cell shall be paid separately per the relevant insulation unit price depending on the specifications of the insulation. Air dampers shall be calculated based on the item 25.472.1400. (Items such as anti-vibration wedges, etc. used for production of devices shall be included in the unit prices, and no additional fees shall be charged.)		
25.460.1100	If modular profile frame with galvanized sheet metal double frame and polyurethane filling is made: The back and corner pieces of the air conditioning central unit shall be made of galvanized steel or aluminum profile as per the relevant approved project design. Double-wall cells with weldless structure, internal and external walls made of at least 0.5-mm-thick galvanized sheet metal, and with at least 22-mm-thick factory-made polyurethane filler injected in the gap between the walls. Other specifications shall be as per the item 25.460.1000.	3.842,13	1.087,50

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.460.1200	If modular profile frame with galvanized sheet metal double frame and glass wool or rock wool filling is made: The back and corner pieces of the air conditioning central unit shall be made of galvanized steel or aluminum profile as per the relevant approved project design. The panels shall be made of pre-painted galvanized sheet metal with the exterior panel sheets made of galvanized sheet metal coated with polyester for protection from abrasive effects. All panels, covers and inlet panels shall be double-wall. Interior and exterior walls shall be made of at least 1-mm-thick galvanized sheet metal. The panels shall be installed on the back of the central unit to allow detachment for manipulation of the interior. Glass wool insulation board with 50 kg/m ³ density or rock wool insulation board with 70 kg/m ³ density shall be installed between the internal and external panels. Other specifications shall be the same as the item 25.460.1000.		
25.460.1201	Cells with glass wool or rock wool insulation up to 30 mm with the same specifications as the item 25.460.1200	3.909,63	1.087,50
25.460.1202	Cells with glass wool or rock wool insulation up to 60 mm with the same specifications as the item 25.460.1200	4.268,88	1.087,50
25.465.1000	HEAT RECOVERY UNIT FOR USE WITH AIR CONDITIONING CENTRAL Unit: Qty. Rotor-type heat recovery estimations shall be made as per VDI 2071 standard. Where the flow rates of exhaust and blown air passing through the rotor are equal, sensible heat recovery efficiency for operation in both summer and winter shall be min. 65%. The accuracy of the heat recovery capacity shall be confirmed by a selection program. Air flow rates of 4 m/s and pressure losses of 220 Pa shall not be exceeded at the suction and blowing sides of the rotor. The rotor shall be driven by a system of belt and pulley. The rotor shall have a housing made of aluminum, and frame and other materials made of galvanized steel. It shall be manufactured to make a non-oscillatory rotation within the filling cassette, and while the air flows 100% in parallel to the filling holes, the same holes shall be 90 degrees perpendicular to the cassette plane and no curvature shall be allowed. The sections of the rotor shall be factory-assembled, and delivered in a single piece. Heat recovery units will be used within the air conditioning unit, the unit's central cells are not included in the definition and will be calculated based on the relevant description (item 25.460.1000).		
25.465.1100	Rotor Heat Recovery (Hygroscopic) Unit Unit: Qty. Supply to the work site and delivery in working order of a heat recovery unit with a rotor that can recover both sensible and latent heat in the circulation air, and manufactured to have a humidity transfer of min. 20%. Air Flow Rate (m ³ /h)		
25.465.1101	500-1500 m ³ /h	199.543,75	2.418,75
25.465.1102	1501-3000 m ³ /h	249.918,75	3.168,75
25.465.1103	3001-5000 m ³ /h	331.565,63	4.190,63
25.465.1104	5001-7500 m ³ /h	365.065,63	4.940,63
25.465.1105	7501-10,000 m ³ /h	417.212,50	5.587,50
25.465.1106	10,001-12,500 m ³ /h	465.962,50	6.337,50
25.465.1107	12,501-15,000 m ³ /h	481.984,38	6.984,38
25.465.1108	15,001-20,000 m ³ /h	517.631,25	8.006,25
25.465.1109	20,001-30,000 m ³ /h	666.881,25	8.381,25
25.465.1110	30,001-40,000 m ³ /h	882.278,13	9.403,13
25.465.1111	40,001-50,000 m ³ /h	1.063.528,13	9.778,13
25.465.1112	50001-60000 m ³ /h	1.391.800,00	10.800,00
25.465.1200	Rotor Heat Recovery (non-hygroscopic) Unit (Unit: Qty.) Supply to the work site and delivery in working order of a heat recovery unit with a rotor that can recover sensible heat in the circulation air, and other specifications shall be the same as the item 25.465.1100. Air Flow Rate (m ³ /h)		
25.465.1201	500-1500 m ³ /h	199.543,75	2.418,75
25.465.1202	1501-3000 m ³ /h	219.793,75	3.168,75
25.465.1203	3001-5000 m ³ /h	267.315,63	4.190,63
25.465.1204	5001-7500 m ³ /h	281.065,63	4.940,63
25.465.1205	7501-10,000 m ³ /h	366.337,50	5.587,50
25.465.1206	10,001-12,500 m ³ /h	383.712,50	6.337,50

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.465.1207	12,501-15,000 m³/h	429.859,38	6.984,38
25.465.1208	15,001-20,000 m³/h	469.131,25	8.006,25
25.465.1209	20,001-30,000 m³/h	621.756,25	8.381,25
25.465.1210	30,001-40,000 m³/h	879.778,13	9.403,13
25.465.1211	40,001-50,000 m³/h	1.070.903,13	9.778,13
25.465.1212	50,001-60,000 m³/h	1.370.300,00	10.800,00
25.465.1300	Plate-type Heat Recovery Unit (Unit: Qty.) It shall operate by cross-current principle, have min. 50% total heat recovery efficiency in winter mode where the exhaust and air blowing rates are equal, and be designed to have max. 250 Pa pressure loss on the suction and blowing sides of the unit. The waved and embossed plates to be used in the heat recovery unit shall be made of aluminum with galvanized steel frame. Supply to the work site and delivery in working order of a heat recovery unit with a rotor, and other specifications shall be the same as the item 25.465.1100. Air Flow Rate (m³/h)		
25.465.1301	500-1500 m³/h	52.931,25	2.418,75
25.465.1302	1501-3000 m³/h	66.868,75	3.168,75
25.465.1303	3001-5000 m³/h	82.490,63	4.190,63
25.465.1304	5001-7500 m³/h	161.690,63	4.940,63
25.465.1305	7501-10,000 m³/h	234.962,50	5.587,50
25.465.1306	10,001-12,500 m³/h	275.962,50	6.337,50
25.465.1307	12,501-15,000 m³/h	337.609,38	6.984,38
25.465.1308	15,001-20,000 m³/h	421.756,25	8.006,25
25.465.1309	20,001-30,000 m³/h	659.131,25	8.381,25
25.465.1310	30,001-40,000 m³/h	810.778,13	9.403,13
25.465.1311	40,001-50,000 m³/h	1.104.778,13	9.778,13
25.465.1312	50,001-60,000 m³/h	1.482.425,00	10.800,00
25.467.1100	Ceiling-type Heat Recovery and Ventilation Devices (Unit: Qty.) It shall discharge the polluted air by a fan, replace it with filtered fresh air from outside by another fan, and transfer the energy of the discharged air to the fresh air by a built-in aluminum sheet heat recovery exchanger, with the fresh air and exhaust fans and filters, and heat recovery exchanger collected in the casing to constitute a compact structure. Exhaust and fresh air fans, and the device shall bear the CE marking, and heat recovery exchangers shall be certified for compliance with TS EN 308. Cihazlarda kullanılan fitreler TS EN ISO 16890 standardına göre G3 ve üzeri sınıfta basınç kayıpları 30 Pa'ı geçmeyecektir. Ceiling-type heat recovery units shall achieve a minimum efficiency of 50% in measurements carried out in accordance within accordance with TS EN 308 and the provisions of Article 10, Section 17 of the Regulation on Energy Performance in Buildings, and shall be equipped with a bypass mechanism operating based on indoor temperature, outdoor temperature, and user-set temperature to ensure energy savings during mid-seasons. The by-pass damper shall be driven by a motor to shut the damper automatically when the device is turned off to prevent undesirable air flow to the building. The devices shall be internally insulated against potential condensation, heat leakage and noise. The insulation material shall be attached to the device housing in a manner that prevents peeling of the insulation material without external intervention. The device with thermostatic protection against frost shall be installed with a control panel. (150-pa air flow rate shall be taken as basis for device capacities.)		
25.467.1101	500 m³/h	99.468,75	3.543,75
25.467.1102	1000 m³/h	114.465,63	4.190,63
25.467.1103	1500 m³/h	116.987,50	5.212,50
25.467.1104	2000 m³/h	122.150,00	5.212,50
25.467.1105	3000 m³/h	190.234,38	6.984,38
25.467.1106	4000 m³/h	252.631,25	8.381,25
25.467.1200	Electric Heater Units for Ceiling Type Heat Recovery Devices		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	For use with ceiling-mounted heat recovery devices, and controllable by control panel		
25.467.1201	2000 W	10.318,13	1.396,88
25.467.1202	3000 W	11.769,38	1.396,88
25.467.1203	4000 W	13.355,63	1.771,88
25.467.1204	6000 W	15.171,88	2.146,88
25.467.1205	9000 W	18.671,88	2.521,88
25.467.1206	12.000 W	20.306,25	2.793,75
25.467.2000	AIR CURTAINS The devices must provide a minimum air speed of 2.5-3 m/s at ground level, and models with heaters must have a thermal protection system that shuts down the device against overheating. The device body and louvers should be manufactured from electrostatically painted sheet metal or polycarbonate material, and a specially manufactured, quiet, highly efficient, cross-flow, and heat-resistant plastic or aluminum fan impeller should be used. Balance and vibration tests must be performed on fans and devices. The power supply box should be located on the device and the device remote control should provide on-off function, fan speed settings and heater stages control. The electronic card must be programmed to include operating features such as fault warning, on-off controls, heater stages and air speed control. The air curtain must comply with TS EN 60335-2-30 and TS EN 60335-2-80 standards or have the CE mark. The device will be delivered in working condition, including transportation, installation components and labor.		
25.467.2100	Air curtains to be used with a door width of up to 1 meter		
25.467.2101	With a blow flow rate of up to 1400 m³/h	29.197,44	2.322,44
25.467.2102	With a blow flow rate of up to 2400 m³/h	34.322,44	2.697,44
25.467.2103	With a blow flow rate of up to 3200 m³/h	39.656,81	2.969,31
25.467.2200	Air curtains to be used with a door width of up to 1,5 meter		
25.467.2201	With a blow flow rate of up to 2400 m³/h	33.741,19	2.491,19
25.467.2202	With a blow flow rate of up to 3200 m³/h	38.844,31	2.969,31
25.467.2203	With a blow flow rate of up to 4200 m³/h	44.491,19	3.241,19
25.467.2300	Air curtains to be used with a door width of up to 2 meter		
25.467.2301	With a blow flow rate of up to 2800 m³/h	38.594,31	2.969,31
25.467.2302	With a blow flow rate of up to 4800 m³/h	42.888,06	3.513,06
25.467.4000	Addition of a heater Heating elements shall have long-lasting, AISI 304 quality stainless steel wound tube resistances. Maximum heater capacity shall be taken as basis.		
25.467.4001	Up to 10 kW	12.968,75	156,25
25.467.4002	Up to 10-12 kW	15.781,25	156,25
25.467.4003	Up to 12-15 kW	18.906,25	156,25
25.467.4004	Up to 15-18 kW	20.312,50	312,50
25.467.4005	Up to 18-20 kW	22.187,50	312,50
25.467.4006	Up to 20-24 kW	24.062,50	312,50
25.470.1000	VENTILATION DUCT: In plate form (Unit: m²)		
25.470.1100	Making rectangular air ducts made of galvanized sheet metal in dimensions specified in the project: Rectangular ventilation ducts shall be manufactured by automatic machines designed for this purpose; the corner parts shall be equipped with integral flanges or installed with flanges with integral mastic; the self-adhesive neoprene seal shall be placed along the lateral section of the flange; and fixed at appropriate intervals with G-clips or 140-mm metal fasteners. The Galvanized Sheet Metals to be used shall be in thicknesses specified below and plated with DX 51 D+Z 275 g/m² zinc as per TS-EN 10346. The ducts shall be tested for tightness as per the pressure class specified by the designer in the project design, in order to achieve tightness in compliance with the Regulation on Energy Performance at Buildings and TS-EN 1507 standard. Curvilinear vanes shall be installed on the inside of the brackets at tight turns; flexible fittings shall be installed on the connections to devices and apparatuses; production and assembly shall be made including any fastener and fitting; profiles of appropriate size shall be used for suspension and fixing for the ducts that are wider than 499 mm; and		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	anti-vibration materials shall be installed between the profile and the duct. Installation shall be made on the ceiling or on the wall with threaded suspension bars.		
25.470.1101	0.60 mm for those with max. 600 mm wide edge (including 600 mm).	1.234,38	646,88
25.470.1102	0.80 mm for those with max. 1249 mm wide edge	1.440,63	755,63
25.470.1103	1.00 mm for those with max. 2490 mm wide edge	1.748,75	918,75
25.470.1104	1.2 mm for those with min. 2490 mm wide edge	1.983,75	1.027,50
25.470.1200	Production of cylindrical ventilation ducts made of galvanized sheet metal, with interlocking spirals: Production of round ducts made of strip rolls of galvanized sheet metal plated with DX 51 D+Z 275 g/m ² zinc complying with TS EN 12237 by means of S-type spiral interlocking; installation with sealed fittings to ensure tightness; and mounting on wall or ceiling as per the relevant standard, using clamps, threaded suspension bars and similar other suspension elements. The item shall be tested for tightness as per the pressure class specified in the project design by the designer so as to ensure tightness in compliance with TS-EN 1507.		
25.470.1201	0.50 mm for up to Ø160 mm	1.083,13	646,88
25.470.1202	0.60 mm for up to Ø315 mm	1.306,88	755,63
25.470.1203	0.80 mm for up to Ø800 mm	1.643,75	918,75
25.470.1204	1.0 mm for up to Ø1000 mm	1.897,50	1.027,50
25.470.1205	1.2 mm for up to Ø1500 mm	2.336,88	1.190,63
25.470.1300	Production of ventilation ducts with stainless steel plates: The flange and ducts shall be made of stainless steel of min. 304 quality, manufactured by automatic machines, to be installed with integral flanges or flanges with integral mastic, with tightness and other specifications in compliance with the item 25.470.1100.		
25.470.1301	0.50 mm for those with max. 250 mm wide edge.	1.796,88	646,88
25.470.1302	0.60 mm for those with max. 499 mm wide edge.	2.019,38	755,63
25.470.1303	0.70 mm for those with max. 990 mm wide edge.	2.303,75	918,75
25.470.1304	0.80 mm for those with max. 1490 mm wide edge.	2.613,75	1.027,50
25.470.1305	0.90 mm for those with max. 1990 mm wide edge.	3.228,13	1.081,88
25.470.1306	1.00 mm for those with max. 2490 mm wide edge.	3.801,25	1.136,25
25.470.1307	1.15 mm for those with max. 2490 mm wide range	4.765,63	1.190,63
25.470.1400	Black (DKP) Sheet Metal Ventilation Duct: (Unit: m²) Supply to the worksite and installation of ducts made of sheet metal (DKP) in accordance with TS EN 10130, rectangular or round cross-section, with all joints welded, smoke-tight, externally painted with a coat of zinc-rich high-temperature resistant paint, with flange connections, in accordance with the project and technical specifications. Installation shall be carried out at the relevant intervals using bolts and/or G-clips.		
25.470.1410	2 mm thick black sheet air duct	2.703,13	1.190,63
25.470.1411	2,5 mm thick black sheet air duct	3.400,00	1.462,50
25.470.1580	Fire-resistant (smoke vent) Channel EI 60: (Unit: m²) Fire resistant smoke exhaust ducts that are fire resistant for up to 60 minutes, have successfully passed Type A and Type B duct tests in accordance with the TS EN 1366-1 standard, received approval from accredited organizations, and complying with the project and specifications shall be supplied and installed with the following features: 1.2 mm thick galvanized steel duct, 4 cm thick rabbit wire rock wool insulation, aluminum or galvanized sheet metal coating. The duct shall be installed with fire resistant gaskets and mastics. Installation shall be carried out in accordance with fire safety standards and relevant regulations.	3.039,35	1.190,63
25.470.1590	Fire-resistant (smoke vent) Channel EI 120: (Unit: m²) Fire resistant smoke exhaust ducts that are fire resistant for up to 120 minutes, have successfully passed Type A and Type B duct tests in accordance with the TS EN 1366-1 standard, received approval from accredited organizations, and complying with the project and specifications shall have the following features: 2 mm thick black sheet metal duct, 7 cm thick rabbit wire rock wool insulation, aluminum or galvanized sheet metal coating. The duct shall be installed with fire resistant gaskets and mastics. Installation shall be carried out in accordance with fire safety standards and relevant regulations.	4.208,48	1.462,50
25.470.1600	Production of ventilation ducts sized as specified in the project design with pre-insulated, embossed aluminum sheets: Production and installation, including all necessary mounting materials, of ventilation ducts		

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	with aluminum film coating on both surfaces and cellular PUR (polyurethane) / PIR (polyisocyanurate) insulation (maximum thermal conductivity $\lambda = 0.025 \text{ W/m}\cdot\text{K}$, density $50 \pm 5 \text{ kg/m}^3$), with 1300 Pa pressure resistance, concealed aluminum flanges and PVC sliding connection flanges, compliant with TS EN 1507 Class C airtightness, TS EN 13403, and the Fire Protection Regulation for Buildings, certified to TS EN 13501-1 fire classification, complete with corner joints sealed using special mastic and PVC caps, and equipped with custom connection profiles for integration with system components such as dampers, grilles, etc. They shall be installed on the ceiling or the wall with threaded suspension bars mounted on brackets of appropriate size, and no charge shall apply for such works.		
25.470.1601	20 mm insulation thickness, 80/80 micron Al plating Min. 20 mm thickness, 80-micron internal and 80-micron external surface plated with aluminum, with the other specifications the same as the item 25.470.1600.	1.691,88	646,88
25.470.1602	20 mm insulation thickness, 80/200 micron Al plating At least 20 mm thick, 200-micron internal and 80-micron external surface plated with aluminum, with the other specifications the same as the item 25.470.1600.	2.004,38	646,88
25.470.1603	30 mm insulation thickness, 80/200 micron Al plating At least 30 mm thick, 200-micron internal and 80-micron external surface plated with aluminum, with the other specifications the same as the item 25.470.1600.	2.360,63	755,63
25.470.1700	Ventilation Duct made of hygienic pre-insulated, embossed aluminum panels Pre-insulated, embossed AL panels used for production of ventilation ducts shall be filled with PUR (Polyurethane) / PIR (Polyurethane), with all specifications complying with TS EN 13403, with the external surfaces made of embossed aluminum, internal surfaces through which air flows coated with a material with antioxidant active ingredient or silver-ion. Compliance with ISO 22196 or ASTM (American Society for Testing and Materials) standards shall be approved by antimicrobial / antibacterial activity tests of Accredited organizations. Flange connections completing the ventilation duct shall be of the same specifications. Other specifications of the ducts shall be the same as the item 25.470.1600.		
25.470.1701	Ventilation Duct made of hygienic pre-insulated, embossed aluminum panels, 20-mm-thick insulation, and 80/80 micron Al plating Ventilation Duct made of Hygienic, Pre-insulated, embossed aluminum panels Min. 20 mm thickness, 80-micron internal and 80-micron external surface plated with aluminum, with the other specifications the same as the item 25.470.1700.	2.098,13	646,88
25.470.1702	Ventilation Duct made of hygienic pre-insulated, embossed aluminum panels, 20-mm-thick insulation, and 80/200 micron Al plating Ventilation Duct made of Hygienic, Pre-insulated, embossed aluminum panels at least 20 mm thick, 80-micron internal and 200-micron external surface plated with aluminum, with the other specifications the same as the item 25.470.1700.	2.350,63	646,88
25.470.1703	Ventilation Duct made of hygienic pre-insulated, embossed aluminum panels, 30-mm-thick insulation, and 80/200 micron Al plating Ventilation Duct made of Hygienic, Pre-insulated, embossed aluminum panels at least 30 mm thick, 80-micron internal and 200-micron external surface plated with aluminum, with the other specifications the same as the item 25.470.1700.	2.563,13	755,63
25.470.1800	Fabric Air Duct: (Unit: m) Supply to the worksite of fabric air ducts to be used under positive pressure, operating within the temperature range of -17.8 to +80, resistant to max. 500 Pa operating pressure, designed according to max. air velocity of 10 m/s, conforming to class B-s1, d0 in the EN 13501-1:2009 reaction to fire standards, in compliance with the EN ISO 12127:1997 standard, density of at least 220 g/m ² , min. 0.3 mm-thick in compliance with the EN ISO 5084:1996 standard, permeability tolerance of +/- 5% in compliance with the EN ISO 9237:1995 standard, and a maximum tension-shrinkage tolerance of 0.5% after washing at 40 °C in compliance with the EN ISO 5077 standard, together with the suspension materials suitable for the system. The ducts shall be combined with zippers, and zipper intervals shall be max. 10 meters in order to allow the parts to be washed in industrial washing machines. Laser-cut holes or nozzles shall be used to ensure that the holes do not become fibrous over time and their diameters/spacing remains the same. Suspension system shall consist of anodized aluminum rail or stainless steel rope. The materials shall be certified as suitable for human and environmental health.		
25.470.1810	Diameter of 200 to 314, single suspension	2.071,25	93,75
25.470.1811	Diameter of 315 to 449, single suspension	2.463,75	125,00
25.470.1812	Diameter of 450 to 599, single suspension	3.212,50	156,25

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.470.1813	Diameter of 600 to 749, double suspension	4.233,75	187,50
25.470.1814	Diameter of 750 to 949, double suspension	4.712,50	218,75
25.470.1815	Diameter of 950 to 1149, double suspension	5.640,00	250,00
25.470.1816	Diameter of 1150 to 1349, double suspension	6.033,75	281,25
25.470.1817	Diameter of 1350 to 1600, double suspension	7.050,00	312,50
25.470.1820	Duct Nozzles (Unit: Qty.) Diameter range:		
25.470.1821	12 mm - 20 mm	43,25	
25.470.1822	20 mm - 30 mm	118,75	
25.470.1823	30 mm - 40 mm	296,25	
25.470.1824	40-60	475,00	
25.470.1825	60-80	591,25	
25.470.1826	80-120	650,00	
25.470.1827	120-180	710,00	
25.470.5100	Flexible Uninsulated Ventilation Ducts		
25.470.5101	Semi-flexible aluminum ventilation ducts Supply and installation of semi-flexible ventilation ducts without thermal insulation manufactured by drawing together and coupling of at least 90-micron-thick alloyed aluminum strips with a temperature range of -30 to +250 °C, resistant to max. 2000 operating pressure with an air flow speed of max. 25 m/s.	506,88	163,13
25.470.5102	Stainless steel semi-flexible ventilation ducts: Supply and installation of semi-flexible ventilation ducts without thermal insulation manufactured by drawing together and coupling of at least 100-micron-thick pure metallic 316 L stainless steel strips, which have a temperature range of -30 to +250 °C, resistant to max. 12,500 operating pressure with an air flow speed of max. 25 m/s.	3.078,13	163,13
25.470.5103	Aluminum-polyester laminated fully flexible ventilation ducts; Supply and installation on site of heat-insulated, semi-flexible ventilation ducts manufactured by wrapping aluminum and polyester-laminated strips on high-tensile, TSE TS EN 13180-compliant steel wire that is twisted in worm shape, with a temperature range of -30 to +150 °C, resistant to max. 3000 operating pressure, in compliance with TS EN 13501-1 with double coupling, which allows an air flow speed of max. 30 m/s, and certified by accredited laboratories to be in fire-retardant and combustion-retardant in compliance with TS EN 13501-1, Building Fire Protection Directive; of TS EN 13501-1, Appendix-2/Ç Building Materials Flammability Classification; and Flammability Classification of Building Materials other than Flooring.	271,25	163,13
25.470.5104	Hygienic aluminum-polyester laminated fully flexible ventilation ducts; Supply and installation on site of TSE TS EN 13180-compliant hygienic aluminum coated, fully-flexible ventilation ducts manufactured by wrapping aluminum and polyester-laminated strips on high-tensile steel wire that is twisted in worm shape, with a temperature range of -30 to +150 °C, resistant to max. 3000 operating pressure, in compliance with TS EN 13180 with double coupling, which allows an air flow speed of max. 30 m/s, fully flexible air ventilation with aluminum inner surface covered with silver-based antimicrobial, ISO 22196 test, antibacterial, ASTM G21 test, and certified by accredited laboratories to be in fire-retardant and combustion-retardant in compliance with TS EN 13501-1, Building Fire Protection Directive; of TS EN 13501-1, Appendix-2/Ç Building Materials Flammability Classification; and Flammability Classification of Building Materials other than Flooring.	328,13	163,13
25.470.5200	Ventilation ducts made of insulated flexible pipes.		
25.470.5201	Glass wool thermal-insulated, semi-flexible insulated aluminum ventilation ducts. Supply and installation of thermal-insulated, semi-flexible ventilation ducts manufactured by drawing together and coupling of min. 90-micron-thick pure aluminum strips with a temperature range of -30 to +250 °C; resistance to 2000+ pa operating pressure; max. 25 m/s air flow speed; 16 kg/m³ density; insulated with 2.5-cm glass wool mats; and certified by accredited laboratories to be in fire-retardant and combustion-retardant in compliance with TS EN 13501-1, Building Fire Protection Directive; of TS EN 13501-1, Appendix-2/Ç Building Materials Flammability Classification; and Flammability Classification of Building Materials	786,88	271,88

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	other than Flooring.		
25.470.5202	Glass wool thermal-insulated fully flexible ventilation ducts; Supply and installation on site of TSE TS EN 13180-compliant thermal-insulated, semi-flexible ventilation ducts manufactured by wrapping aluminum and polyester -laminated strips on high-tensile steel wire that is twisted in worm shape, with a temperature range of -30 to +150 °C, resistant to max. 3000 operating pressure, in compliance with TS EN 13180 with double coupling, which allows an air flow speed of max. 30 m/s, fully flexible with 16 kg/m ³ density, jacketed with polyester-laminated aluminum material after being insulated with 2.5-cm glass wool mats, and certified by accredited laboratories to be in fire-retardant and combustion-retardant in compliance with TS EN 13501-1, Building Fire Protection Directive; of TS EN 13501-1, Appendix-2/Ç Building Materials Flammability Classification; and Flammability Classification of Building Materials other than Flooring.	609,38	271,88
25.470.5203	Glass wool thermal-insulated Hygienic Aluminum-Polyester-laminated fully flexible ventilation ducts; Supply and installation on site of TSE TS EN 13180-compliant thermal-insulated, semi-flexible ventilation ducts manufactured by wrapping aluminum and polyester-laminated strips on high-tensile steel wire that is twisted in worm shape, with a temperature range of -30 to +150 °C, resistant to max. 3000 operating pressure, with double coupling, which allows an air flow speed of max. 30 m/s, fully flexible air ventilation with aluminum inner surface covered with silver-based antimicrobial, ISO 22196 test, antibacterial, ASTM G21 test, and minimum 16 kg/m ³ density antifungal inner conduit, jacketed with polyester-laminated aluminum material after being insulated with 2.5-cm glass wool mats, and certified by accredited laboratories to be in fire-retardant and combustion-retardant in compliance with TS EN 13501-1, Building Fire Protection Directive; of TS EN 13501-1, Appendix-2/Ç Building Materials Flammability Classification; and Flammability Classification of Building Materials other than Flooring.	775,63	271,88
25.470.5204	Flexible pipe ventilation duct material: (%) Supply and installation of fittings such as tee-connectors, prongs, sleeves, reducers, etc. made of galvanized sheet metal or polypropylene material, required for attachment of flexible pipes to each other as described in the items 25.470.5100 and 25.470.5200.	% 35	
25.472.1000	Inspection Covers: (Unit: Qty.) Production of inspection covers sized approximately as described below at required spots on the main ducts, installation of the covers with seals on the duct, complete with fittings and fixing equipment.		
25.472.1100	Inspection cover, double-wall, with the wall spacing filled with 2.5-cm- thick glass wool plate with 50 kg/m³ density (to comply with the type project)		
25.472.1101	20 x 30 cm.	1.049,38	271,88
25.472.1102	40x50 cm	1.815,63	271,88
25.472.1200	Single-wall insulation on the inspection cover for installation on the ducts: (in compliance with the type project.)		
25.472.1201	20 x 30 cm.	840,63	271,88
25.472.1202	40x50 cm	1.114,38	271,88
25.472.1300	Column flap (Unit: Qty.) For use at locations specified in the projects and at other locations as may be necessary, in any size and made of aluminum or galvanized cast sheet metal, including manual setting mechanism, butterfly valve, etc., labor and installation.		
25.472.1301	Up to 0.04 m ²	905,63	271,88
25.472.1302	Up to 0.06 m ²	1.003,13	271,88
25.472.1303	Up to 0.08 m ²	1.211,88	271,88
25.472.1304	Up to 0.10 m ²	1.436,25	326,25
25.472.1305	0.12 m ² and above	1.740,31	407,81
25.472.1400	AIR DAMPERS (Unit: m²) Installation of dampers made up of moving blades on roller bearings and greasy bronze bearings, including the drive mechanism, galvanized sheet metal frame, fittings and fasteners, for installation at the locations specified in the project design as per the approved structural drawing.		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.472.1401	Up to 0.10 m ² (price for 1 m ²)	16.162,50	2.175,00
25.472.1402	Up to 0.25 m ² (price for 1 m ²)	11.463,75	1.087,50
25.472.1403	Up to 0.50 m ² (price for 1 m ²)	9.015,63	815,63
25.472.1404	Up to 1.00 m ² (price for 1 m ²)	7.130,00	543,75
25.472.1405	Up to 1.50 m ² (price for 1 m ²)	6.496,25	543,75
25.472.1406	Up to 2.00 m² (price for 1 m²)	6.028,13	271,88
	Dampers larger than 2 m² shall be in 2 or more groups. In such cases, the Unit Price of the capacity after division shall be applicable.		
25.472.1500	Sealed aluminum air dampers (Unit: m²). Installation, including the drive mechanism, galvanized sheet metal frame and any assembly and fixing materials, of the dampers made of aluminum profiles with an aerodynamic structure with minimum resistance to air flow, secured on a drive system with plastic or special alloy aluminum gears mounted on bronze sliding bearings as per the approved project design, with special seals installed on the slots on the damper blades to minimize air leaks.		
25.472.1501	Up to 0.10 m ²	22.675,00	2.175,00
25.472.1502	Up to 0.25 m ²	15.837,50	1.087,50
25.472.1503	Up to 0.50 m ²	11.461,88	815,63
25.472.1504	Up to 1.00 m ²	9.163,75	543,75
25.472.1505	Up to 1.50 m ²	8.238,75	543,75
25.472.1506	Up to 2.00 m²	7.669,38	271,88
	Dampers larger than 2.00 m² shall be paid in 2 groups.		
25.472.2100	Fire Damper with Fusible Link (TS EN 15650) (Unit: m²) Supply and installation of fire dampers with fusible link, made of galvanized sheet metal as per the relevant approved project design, connected to the duct with sealing, operating with a link with a fusing point of 72 °C, tested for compliance with EN 1366-2 and at min. EI 90 S class as per the criteria specified in EN 13501-3 and in compliance with the location of use (horizontal or vertical), in compliance with the Regulation 305/2011/EU on Construction Products, and released with the CE marking.		
25.472.2101	Up to 0.10 m ² (price for 1 m ²)	58.125,00	6.525,00
25.472.2102	Up to 0.25 m ² (price for 1 m ²)	38.725,00	6.525,00
25.472.2103	Up to 0.50 m ² (price for 1 m ²)	33.637,50	6.525,00
25.472.2104	Up to 1.00 m ² (price for 1 m ²)	29.400,00	6.525,00
25.472.2105	Up to 1.50 m ² (price for 1 m ²)	27.912,50	6.525,00
25.472.2106	Up to 2.00 m ² (price for 1 m ²)	27.350,00	6.525,00
25.472.2107	Up to 2.50 m ² (price for 1 m ²)	26.937,50	6.525,00
25.472.2200	Fire Damper with Servo Motor (TS EN 15650) (Unit: m²) Supply and installation with all connections of fire dampers with servo motor, made of galvanized sheet metal as per the relevant approved project design, connected to the duct with sealing, operating with servo motor with an electro-thermal fuse and spring-returned servo motor system, tested for compliance with EN 1366-2 and at min. EI 90 S class as per the criteria specified in EN 13501-3 and in compliance with the location of use (horizontal or vertical), in compliance with the Regulation 305/2011/EU on Construction Products, and released with the CE marking.		
25.472.2201	Up to 0.10 m ² (price for 1 m ²)	121.787,50	6.525,00
25.472.2202	Up to 0.25 m ² (price for 1 m ²)	73.062,50	6.525,00
25.472.2203	Up to 0.50 m ² (price for 1 m ²)	51.850,00	6.525,00
25.472.2204	Up to 1.00 m ² (price for 1 m ²)	43.987,50	6.525,00
25.472.2205	Up to 1.50 m ² (price for 1 m ²)	43.175,00	6.525,00
25.472.2206	Up to 2.00 m ² (price for 1 m ²)	42.650,00	6.525,00
25.472.2207	Up to 2.50 m ² (price for 1 m ²)	39.225,00	6.525,00
25.475.1000	GRILLES: (Unit: Qty.)		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.475.1100	Distribution grille, (two rows of blades) Delivery in working order of an aluminum distribution grille coated in desired color, and with min. 22-mm frame, two rows of moving blades, an adjusting mechanism and sealing materials.		
25.475.1101	100- 500 cm ²	618,13	271,88
25.475.1102	501-1000 cm ²	1.163,75	543,75
25.475.1103	1001-1600 cm ²	1.283,75	543,75
25.475.1104	1601-2500 cm ²	2.487,50	543,75
25.475.1105	2501-3600 cm ²	2.627,50	543,75
25.475.1106	3601-4500 cm ²	3.048,75	543,75
25.475.1200	Collector grille, (one row of blades) Installation and delivery in working order of an aluminum distribution grille coated in desired color, and with min. 22-mm frame, a single row of moving blades, an adjusting mechanism and sealing materials.		
25.475.1201	100- 500 cm ²	528,13	271,88
25.475.1202	501-1000 cm ²	1.018,75	543,75
25.475.1203	1001-1600 cm ²	1.173,75	543,75
25.475.1204	1601-2500 cm ²	1.500,00	543,75
25.475.1205	2501-3600 cm ²	1.846,25	543,75
25.475.1206	3601-4500 cm ²	1.956,25	543,75
25.475.1300	Fixed-blade (linear) grille Delivery in working order of an aluminum distribution grille coated in desired color, and with min. 22-mm frame, fixed blades and sealing materials.		
25.475.1301	Up to 500 cm ²	544,38	271,88
25.475.1302	Max 1000 cm ²	1.226,25	543,75
25.475.1303	Max 1600 cm ²	1.477,50	543,75
25.475.1304	Up to 2500 cm ²	1.911,25	543,75
25.475.1305	Max 3600 cm ²	2.598,75	543,75
25.475.1306	Up to 4500 cm ²	2.920,00	543,75
25.475.4000	Anemostat: (Unit: Qty.)		
25.475.4100	Aluminum circular anemostat with fixed blade spacing Installation of an aluminum, circular anemostat that is composed of a diffuser, frame and blade group, coated with electrostatic powder paint, complete with a blade group detachable by a spring mechanism, 0.6-mm galvanized sheet metal enclosure, and a neck sized to allow installation of a fixed duct. Neck Diameter		
25.475.4101	Up to 6" - 15 cm	1.110,63	271,88
25.475.4102	Up to 8" - 20 cm	1.359,38	271,88
25.475.4103	Up to 10" - 25 cm	1.585,63	271,88
25.475.4104	Up to 12" - 30 cm	1.786,88	271,88
25.475.4105	Up to 14" - 35 cm	2.315,00	543,75
25.475.4106	Up to 16" - 40 cm	2.623,75	543,75
25.475.4107	Up to 18" - 45 cm	2.817,50	543,75
25.475.4108	Up to 20" - 50 cm	3.673,75	543,75
25.475.4200	DKP/Galvanized sheet metal circular anemostat with fixed blade spacing Installation of an DKP or galvanized steel, circular anemostat that is composed of a diffuser, frame and blade group, coated with electrostatic powder paint, complete with a blade group detachable by a spring mechanism, 0.6-mm galvanized sheet metal enclosure, and a neck sized to allow installation of a fixed duct. Neck Diameter		
25.475.4201	Up to 6" - 15 cm	1.065,63	271,88
25.475.4202	Up to 8" - 20 cm	1.365,63	271,88

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.475.4203	Up to 10" - 25 cm	1.401,88	271,88
25.475.4204	Up to 12" - 30 cm	1.815,63	271,88
25.475.4205	Up to 14" - 35 cm	2.225,00	543,75
25.475.4206	Up to 16" - 40 cm	2.291,25	543,75
25.475.4207	Up to 18" - 45 cm	2.530,00	543,75
25.475.4208	Up to 20" - 50 cm	2.612,50	543,75
25.475.4300	Flat-blade, Square, Aluminum Anemostat Installation of an aluminum, square anemostat that is composed of a diffuser, frame and blade group, coated with electrostatic powder paint, complete with a blade group detachable by a spring mechanism, 0.6-mm galvanized sheet metal enclosure, and a neck sized to allow installation of a fixed duct. (The dimensions are approximate, and may differ by up to 10 mm)		
25.475.4301	150 x 150	931,88	240,63
25.475.4302	225 x 225	1.198,13	240,63
25.475.4303	300 x 300	1.513,75	306,25
25.475.4304	375 x 375	2.467,50	306,25
25.475.4305	450 x 450	2.716,88	353,13
25.475.4306	525 x 525	3.601,88	353,13
25.475.4307	600 x 600	3.833,13	353,13
25.475.4400	Flat-blade, Steel Sheet, Square Anemostat Anemostat Installation of a DKP or galvanized sheet metal, square anemostat that is composed of a diffuser, frame and blade group, coated with electrostatic powder paint, complete with a blade group detachable by a spring mechanism, 0.6-mm galvanized sheet metal enclosure, and a neck sized to allow installation of a fixed duct. (The dimensions are approximate, and may differ by up to 10 mm)		
25.475.4401	150 x 150	1.175,63	240,63
25.475.4402	225 x 225	1.408,13	240,63
25.475.4403	300 x 300	1.748,75	306,25
25.475.4404	375 x 375	2.287,50	306,25
25.475.4405	450 x 450	3.000,63	353,13
25.475.4406	525 x 525	3.903,13	353,13
25.475.4407	600 x 600	4.039,38	353,13
25.475.6000	Blower Anemostat/Grille damper Supply and installation of aluminum or sheet metal damper with opposing blades which shall be coated with electrostatic powder paint, installed in the interior of anemostats or grilles to adjust their air flow, and controlled by an external lever or screw.		
25.475.6001	100- 500 cm ²	453,44	135,94
25.475.6002	501- 1000 cm ²	587,19	135,94
25.475.6003	1001- 1600 cm ²	795,94	135,94
25.475.6004	1601- 2500 cm ²	880,94	135,94
25.475.6005	2501- 3600 cm ²	1.286,88	163,13
25.475.6006	3601- 4500 cm ²	1.386,88	163,13
25.475.6200	Absorption Anemostat/Grille damper Supply and installation of aluminum or sheet metal damper with parallel blades which shall be coated with electrostatic powder paint, installed in the interior of anemostats or grilles to adjust their air flow, and controlled by an external lever or screw.		
25.475.6201	100- 500 cm ²	367,19	135,94
25.475.6202	501-1000 cm ²	563,44	135,94
25.475.6203	1001-1600 cm ²	670,63	163,13
25.475.6204	1601-2500 cm ²	925,63	163,13
25.475.6205	2501-3600 cm ²	1.256,25	217,50

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.475.6206	3601-4500 cm ²	1.676,88	271,88
25.475.6500	Sailor Anemostat (Unit: Qty.) Supply to the work site, installation with any installation material, and delivery in working order, of sailor type anemostats made of aluminum or DKP sheet metal by metal spinning method and coated with oven-dried paint, for suction of air in bathrooms and toilets. Supply to the work site, installation with any installation material, and delivery in working order, of sailor type anemostats made of aluminum or DKP sheet metal by method of metal spinning and coated with oven-dried paint, for suction of air.		
25.475.6501	Ø100 mm	464,69	135,94
25.475.6502	Ø125 mm	529,69	135,94
25.475.6503	Ø150 mm	623,13	163,13
25.475.6504	Ø200 mm	1.101,88	163,13
25.475.7100	Linear (Slot) Diffusers (Unit: m) Linear diffusers made of aluminum as per the approved project, equipped with guide blades on air outlets, min. 20 mm air discharge width between the slots, a plastic sliding damper on the back of the diffuser for adjusting air flow rate, and white oven-dried surface coating. A galvanized sheet metal plenum box shall be present on the back of the linear diffuser, and a hole shall be drilled on the box for connection of the flexible duct. Supply of linear diffusers, installation including any fitting, and delivery in working order.		
25.475.7101	Single-slot linear diffuser	1.673,75	543,75
25.475.7102	Two-slot linear diffuser	2.217,50	543,75
25.475.7103	Three-slot linear diffuser	3.081,88	815,63
25.475.7104	Four-slot linear diffuser	3.729,38	815,63
25.475.7200	Swirl diffusers (Unit: qty.) Supply, and installation in working order of diffusers made of DKP sheet metal for blowing up to 4 meters, phosphatized after surface cleaning, coated with electrostatic powder paint; equipped with plastic blades adjustable to provide optimal blowing form under heating and cooling conditions, a diffuser box made of 0.6-mm galvanized sheet metal, four fasteners for ceiling mount, and a casing with min. 6-mm-thick acoustic insulation inside the casing.		
25.475.7201	300 x 300 mm	1.533,13	271,88
25.475.7202	400 x 400 mm	1.705,63	271,88
25.475.7203	500 x 500 mm	2.363,75	543,75
25.475.7204	600 x 600 mm	2.403,75	543,75
25.475.8100	LOUVER: (Unit: m²) For installation on grilles, to be manufactured as per the approved detail drawings, complete with a frame, paint, installation, etc.		
25.475.8101	Made of galvanized sheet metal	7.550,63	815,63
25.475.8102	Made of aluminum	8.824,38	815,63
25.475.8200	WIRE-MESH GUARD: (Unit: m²) Supply and on-site installation of a wire-mesh guard made of minimum Ø1 mm galvanized wire, complete with frame, for mounting on grilles.	919,38	271,88
25.475.8300	BLINDS (for use in ventilation systems) (Unit: m²) Supply and installation as per the approved project of blinds that allow air flow in a single direction, and stops air flow by its moving blades when the ventilation system does not work.		
25.475.8301	Blinds made of galvanized sheet metal	6.175,63	815,63
25.475.8302	Aluminum blinds	9.578,13	815,63
25.480.1000	SOUND ABSORBERS: (Unit: m²)		
25.480.1100	Sound Absorbing, Glass wool thermal-insulated fully flexible ventilation ducts; Supply and installation on site of TSE TS EN 13180-compliant thermal-insulated, semi-flexible ventilation ducts manufactured by wrapping aluminum and polyester-laminated strips on high -tensile steel wire that is twisted in worm shape, with a temperature range of -30 to +150 °C, resistant to max. 3000 operating pressure, in compliance with TS EN 13180 with double coupling, which allows an air flow speed of max. 30 m/s, fully flexible with 16 kg/m ³ density, jacketed with polyester-laminated aluminum material after being insulated with 2.5-cm glass wool mats, and certified by accredited laboratories to be in fire-retardant and	1.011,25	543,75

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	combustion-retardant, as well as to be sound absorbing in compliance with TS EN 13501-1, Building Fire Safety Directive; of TS EN 13501-1, Appendix-2/Ç Building Materials Flammability Classification; and Flammability Classification of Building Materials other than Flooring.		
25.480.1200	Splitter-type sound absorbers: For prevention of the noise caused by air conditioner and ventilation systems, to be installed within the ventilation duct with sliders in the form of rectangular prism, with the gaps and installation made to prevent deformation, and manufactured in compliance with the principles of sound absorption, made up of sound absorbing elements, with absorption elements made of inorganic, non-flammable mineral wool which absorb fan noise and placed at max. 20-cm intervals, with woven surface resistant to moisture and abrasion, with glass wool with 50 kg/m³ density and rock wool with 70 kg/m³ density as filling, with the surface coated with glass tissue that prevents particle abrasions up to 12 m/s. To be braced with galvanized sheet metal with 0.65 mm bending with class A fire-resistant insulation materials in compliance with DIN 4102 norms. 6 visible external surfaces of each slider shall be considered to estimate the area which shall be multiplied with the number of sliders used to calculate the payment.		
25.480.1201	2.5-cm-thick with glass wool of 50 kg/m³ density or rock wool of 70 kg/m³ density	2.582,19	135,94
25.480.1202	5-cm-thick with glass wool of 50 kg/m³ density or rock wool of 70 kg/m³ density	3.408,44	135,94
25.480.1300	DUCT INSULATOR (Unit: m²) Insulation of ventilation ducts with the boards with the thickness and specifications stated below, reinforcement of the corners with brackets, surrounding with 0.3 to 0.4-meter gaps, including any material and labor.		
25.480.1301	Glass wool board with 2.5 cm thickness and 50 kg/m³ density	291,25	156,25
25.480.1302	Glass wool board with 5.0 cm thickness and 50 kg/m³ density	455,00	187,50
25.480.1303	Rock wool board with 2.5 cm thickness and 70 kg/m³ density	307,50	156,25
25.480.1304	Rock wool board with 5.0 cm thickness and 70 kg/m³ density	408,75	187,50
25.480.1400	External insulation of ducts with glass wool sheets or mattresses, or rock wool sheets coated with aluminum foil on one side: (Unit: m²) Clearing the dust or impurities on the external surfaces of the ducts, sticking insulation retaining pins with self-adhesive base at 50-cm intervals depending on the duct size if the ducts are sized equivalent to two or more rows, fixing on the pins the factory-made glass wool or rock wool insulation material coated with aluminum foil on one side with the foil-coated side facing outside, placing and tightening the retaining washers on the pins and cutting off the protruding parts of the pins, covering the transverse and longitudinal joints of the boards or mats with 10-cm-wide, special, self-adhesive, reinforced aluminum foil for thermal insulation of the ventilation ducts with aluminum-foil-coated glass wool mats/boards and rock wool boards, produced in compliance with the TS EN 14303 standard and bearing a CE compliance marking, and supply, transportation to the work site, and installation, of the said insulation materials.		
25.480.1401	Glass wool mats with 5.0 cm thickness and 24 kg/m³ density	292,50	156,25
25.480.1402	Glass wool board with 2.5 cm thickness and 50 kg/m³ density	241,88	125,00
25.480.1403	Glass wool board with 3.0 cm thickness and 50 kg/m³ density	252,50	125,00
25.480.1404	Glass wool board with 4.0 cm thickness and 50 kg/m³ density	317,50	156,25
25.480.1405	Glass wool board with 5.0 cm thickness and 50 kg/m³ density	408,75	156,25
25.480.1406	Rock wool board with 2.5 cm thickness and 70 kg/m³ density	270,00	125,00
25.480.1407	Rock wool board with 3.0 cm thickness and 70 kg/m³ density	273,75	125,00
25.480.1408	Rock wool board with 4.0 cm thickness and 70 kg/m³ density	347,50	156,25
25.480.1409	Rock wool board with 5.0 cm thickness and 70 kg/m³ density	420,00	156,25
25.480.1500	Insulation of ducts with rubber foam insulation material (Unit: m²) Supply, transportation to the work site, and installation, of elastomeric rubber insulation material, produced in compliance with the TS EN 14304 standard, bearing a CE compliance marking, with $\geq 0.040\text{W/(m.K)}$ heat conductivity (0°C), $\mu \geq 7,000$ water vapor diffusion resistance coefficient, and a reaction to fire class of at least B, s3-d0, clearing the corrosion, dust and impurities on the duct surface to be insulated and coating it with two layers of red lead paint, applying the adhesive developed specifically for rubber foam, wrapping the transverse joints with elastomeric rubber, self-adhesive tape, blocking the thermal bridges that may occur the parts of the installation that should be supported with suspension systems and applying additional elastomeric rubber foam between the material and suspension bars to ensure continuity of the insulation, and applying two layers of UV protection coating manufactured specifically to protect against external factors (if no metal sheet coating will be applied on the insulation material to protect it against external factors). (excluding the cost of the red lead paint, UV protection		

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	coating and suspension bars) Note: Additional coating materials shall be charged per the relevant items. Thickness		
25.480.1501	9-mm Sheet	315,63	171,88
25.480.1502	13-mm Sheet	368,13	171,88
25.480.1503	19-mm Sheet	461,25	187,50
25.480.1504	25-mm Sheet	551,25	187,50
25.480.1505	32-mm Sheet	747,50	218,75
25.480.1506	40-mm Sheet	1.011,25	218,75
25.480.1507	50-mm Sheet	1.141,25	218,75
25.480.1600	Insulation of interior and exterior ducts with Composite Film Coated Rubber Foam Insulation Boards, with a total thickness of 250 microns and above (Unit :m²) Supply, transportation to the work site, and installation, of the insulation materials factory-coated with Aluminum Composite Film with a total thickness of 250 microns on top of an elastomeric rubber foam insulation board, produced in compliance with the TS EN 14304 standard, bearing a CE compliance marking, with $\leq 0.040\text{W}/(\text{m.K})$ heat conductivity (0°C), $\mu \geq 7,000$ water vapor diffusion resistance coefficient, and a reaction to fire class of at least B, s3-d0, clearing the corrosion, dust and impurities on the duct surface to be insulated, coating the bottom, side and top surfaces in this order and attaching the edges after applying the adhesive developed specifically for the boards to be fixed on the duct surface, then sealing the joints that may form along the duct with 50-mm-wide. Sheet width Wall thickness		
25.480.1601	1000 9 mm	606,25	187,50
25.480.1602	1000 13 mm	653,75	187,50
25.480.1603	1000 19 mm	749,38	203,13
25.480.1604	1000 25 mm	826,88	203,13
25.480.1605	1000 32 mm	1.065,63	234,38
25.480.1606	1000 40 mm	1.311,88	234,38
25.480.1607	1000 50 mm	1.444,38	234,38
25.480.1700	Thermal Insulation with Polyethylene Foam-Based Prefabricated Boards (Unit: m².) Supply, transportation to the work site, and installation, of the insulation materials insulated with uncoated polyethylene foam, produced in compliance with the TS EN 14313 standard, bearing a CE compliance marking, with $\geq 0.050\text{W}/(\text{m.K})$ heat conductivity (0°C), $\mu \geq 3,000$ water vapor diffusion resistance coefficient, and a reaction to fire class of at least E, clearing the corrosion, dust and impurities on the duct surface to be insulated and applying the insulation material after putting the special liquid adhesive on both the polyethylene thermal insulation board and the external surfaces of the duct with a density of 250 g/m², then attaching the joints with self-adhesive aluminum foil tape or yarn-reinforced PVC tape, applying additional polyethylene foam insulation boards in the gap between the material and suspension bars to prevent thermal bridges where the installation must be supported with suspension systems, and applying two layers of UV protection coating manufactured specifically to protect against external factors (if no metal sheet coating will be applied on the insulation material for outdoor use of polyethylene foam-based thermal insulation boards) (excluding the cost of the UV protection coating and suspension bars) Note: Additional coating materials shall be charged per the relevant items. Wall Thickness		
25.480.1701	10 mm	209,00	171,88
25.480.1702	15 mm	250,00	171,88
25.480.1703	20 mm	296,88	187,50
25.480.1704	30 mm	383,75	187,50
25.480.1750	Thermal Insulation with Polyethylene Foam-Based Prefabricated Boards Coated with Aluminum Foil on One Side (Unit: m².) Supply, transportation to the work site, and installation, of the insulation materials insulated with polyethylene foam coated with aluminum foil on one side with a total thickness of at least 25 microns, produced in compliance with the TS EN 14313 standard, bearing a CE compliance		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	marking, with $\geq 0.050\text{W}/(\text{m.K})$ heat conductivity (0°C), $\mu \geq 3,000$ water vapor diffusion resistance coefficient, and a reaction to fire class of at least E, clearing the corrosion, dust and impurities on the duct surface to be insulated and applying the insulation material after putting the special liquid adhesive on both the polyethylene thermal insulation board and the external surfaces of the duct with a density of 250 g/m^2 , then attaching the joints with self-adhesive polyethylene tape, and applying additional polyethylene foam insulation boards in the gap between the material and suspension bars to prevent thermal bridges where the installation must be supported with suspension systems. Wall Thickness		
25.480.1751	10 mm	253,75	187,50
25.480.1752	15 mm	278,75	187,50
25.480.1753	20 mm	322,50	203,13
25.480.1754	30 mm	385,63	203,13
25.480.1800	Insulation of interior ducts with Aluminum Foil Film Coated Rubber Foam Insulation Boards, with a total thickness of 50-100 microns (Unit: m²) Supply, transportation to the work site, and installation, of the insulation materials laminated with Aluminum Composite Film with a total thickness of 50-100 microns on top of an elastomeric rubber foam insulation board, produced in compliance with the TS EN 14313 standard, bearing a CE compliance marking, with $\geq 0.040\text{W}/(\text{m.K})$ heat conductivity (0°C), $\mu \geq 7,000$ water vapor diffusion resistance coefficient, and a reaction to fire class of at least B, s3-d0, clearing the corrosion, dust and impurities on the duct surface to be insulated, coating the bottom, side and top surfaces in this order and attaching the edges after applying the adhesive developed specifically for the boards to be fixed on the duct surface, then sealing the joints that may form along the duct with 50-mm-wide. Note : For external use, a metal sheet coating shall be applied on the insulation material to protect it from external factors and its payment shall be made on item 25.400.9000. Sheet width Wall thickness		
25.480.1801	1000 9	450,00	187,50
25.480.1802	1000 13	505,00	187,50
25.480.1803	1000 19	598,13	203,13
25.480.1804	1000 25	713,13	203,13
25.480.1805	1000 32	908,13	234,38
25.480.1806	1000 40	1.124,38	234,38
25.480.1807	1000 50	1.311,88	234,38
25.480.1850	Insulation of exterior ducts with Elastomeric Rubber Foam Insulation Boards coated with aluminum, with a total thickness of 300 microns and above: Supply, transportation to the work site, and installation, of the insulation materials coated with aluminum foil with a total thickness of 300 microns and above; with (0°C) $\lambda \leq 0.40\text{ W/mK}$ (EN 12667 - DIN 52612) heat conductivity, $\mu \geq 7,000$ (EN 12086 - DIN 52615) water vapor diffusion resistance coefficient, fire reaction class $^\circ\text{C}$ as per TS EN 13501-1, $40\text{-}75\text{ kg/m}^3$ average density, at least 90% closed cell; and applying thermal insulation on cold and warm surfaces at -60 to $+85^\circ\text{C}$ with flexible elastomeric rubber foam manufactured by extrusion method, clearing the corrosion, dust and impurities on the duct surface to be insulated, coating the bottom, side and top surfaces in this order and attaching the edges after applying the adhesive developed specifically for the boards to be fixed on the duct surface, then sealing the joints that may form along the duct with 140-micron-thick and 35/50-mm-wide, self-adhesive aluminum tape, and applying insulation on any valve, dirt traps, check valves, valve actuators, and similar other equipment with special adhesive material and self-adhesive aluminum tape. Insulation materials shall be in compliance with the Regulation 305/2011/AB on Construction Materials and bear a CE compliance marking. NOTE: UV-resistant paint shall not be used due to the UV-resistant tin foil lining. The fire class as well as m and l values shall be proven with test reports. Sheet Width (mm) Wall thickness (mm)		
25.480.1851	1000 10	615,00	187,50
25.480.1852	1000 13	660,00	187,50
25.480.1853	1000 19	723,13	203,13
25.480.1854	1000 25	810,63	203,13

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.480.1855	1000 32	949,38	234,38
25.480.1856	1000 40	1.135,63	234,38
25.480.1857	1000 50	1.249,38	234,38
25.480.2000	ACOUSTIC INSULATION (Unit: m²) Insulation of the interior parts with insulation material as specified in the type detail drawings for sound absorption of the ducts that are indicated for acoustic insulation in the relevant project, including any material and labor required for application.		
25.480.2100	Interior acoustic insulation of the ducts with glass wool mats, glass wool boards or rock wool boards factory-coated with acrylate or glass tissue: (Unit: m².) Clearing dust, grease and impurities from the internal surfaces of the ducts, attaching the insulation retaining pins with self-adhesive base at 50-cm intervals along the duct in two or more rows depending on its width, fixing glass wool mats and one side covered with fabricated acrylate or glass wool boards and one side covered with glass tissue or rock wool boards, with the surface covered with acrylate or glass tissue facing inside, installing retaining washers on pins and cutting the protruding parts of the pins for sound absorption of the ducts produced in compliance with the TS EN 14303 standard, bearing a CE compliance marking, and to be acoustically insulated as per the relevant project, and supply, transportation to the work site, and installation, of the said insulation materials.		
25.480.2101	Glass wool mattress with 1.5 cm thickness and 24 kg/m³ density coated with acrylate	195,50	140,63
25.480.2102	Glass wool mattress with 2.5 cm thickness and 24 kg/m³ density coated with acrylate	229,38	140,63
25.480.2103	Glass wool board with 2.5 cm thickness and 50 kg/m³ density coated with glass tissue	255,63	140,63
25.480.2104	Glass wool board with 3.0 cm thickness and 50 kg/m³ density coated with glass tissue	307,50	156,25
25.480.2105	Glass wool board with 5.0 cm thickness and 50 kg/m³ density, coated with glass tissue	429,38	171,88
25.480.2106	Rock wool board with 2.5 cm thickness and 70 kg/m³ density coated with glass tissue	306,88	140,63
25.480.2107	Rock wool board with 5.0 cm thickness and 70 kg/m³ density coated with glass tissue	388,13	171,88
25.480.2200	Acoustic insulation with polyurethane acoustic foam board (Unit: m²) Clearing dust, grease and impurities from the internal surfaces of the ducts; supply to the work site and installation of flame-retarding, self-extinguishing polyurethane foam boards selected to be compatible with the duct section and air flow rate, with 75 to 100 kg/m³ density, fire reaction class C as per TS EN 13501-1+A1, and thermal conductivity coefficient λ (40 °C) ≤ 0.040 W/mK, uniformly on the internal wall of the duct after applying the adhesive mixed with thinner on the internal surfaces of the ducts with a density of 0.5 liter per square meter, for acoustic insulation of ventilation ducts that will be acoustically insulated as per the relevant project. Note: The fire resistance values as well as λ values shall be proven with test reports. Insulation thickness		
25.480.2201	6 mm	277,50	187,50
25.480.2202	10 mm	421,88	203,13
25.480.2203	15 mm	580,63	203,13
25.480.2204	20 mm	762,50	218,75
25.480.2205	25 mm	935,63	234,38
25.485.1000	FAN COIL UNITS (Unit: Qty.) They shall operate with dynamically and statically balanced centrifugal radial fans with densely positioned blades driven by 220 V, 50 Hz. single or double-shaft, three-speed electric motors, which can be used for heating and cooling. They shall be equipped with cleanable filters for air suction. Coils shall be manufactured by the principle that copper pipes are inflated mechanically with aluminum fins firmly mounted to form close mechanical bonds. . A drainage tray and connection to collect the condensate shall be present below the coil, and the parts that contact the condensate shall be protected against corrosion and insulated to improve acoustic and thermal performance. Fan-coil units shall be supplied and delivered in working order with all connections made as per the relevant approved project. NOTE: The heat provided with 18 to 20 °C air input and 90/70 °C water shall be taken as basis for the device capacity.		
25.485.1100	Cassette Type Fan Coil Unit		
25.485.1101	3,000 kcal/h	22.284,38	1.396,88
25.485.1102	4,000 kcal/h	24.009,38	1.396,88
25.485.1103	5,000 kcal/h	26.271,88	1.396,88

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.485.1104	6,000 kcal/h	29.009,38	1.771,88
25.485.1105	7,000 kcal/h	30.196,88	1.771,88
25.485.1106	8,000 kcal/h	37.221,88	1.771,88
25.485.1107	10,000 kcal/h	41.996,88	1.771,88
25.485.1108	12,500 kcal/h	52.509,38	2.146,88
25.485.1109	15,000 kcal/h	60.821,88	2.146,88
25.485.1110	17,500 kcal/h	68.671,88	2.146,88
25.485.1111	20,000 kcal/h	69.846,88	2.146,88
25.485.1200	Concealed Ceiling/Floor Type Fan Coil Unit		
25.485.1201	3,000 kcal/h	16.796,88	1.771,88
25.485.1202	4,000 kcal/h	17.871,88	1.771,88
25.485.1203	5,000 kcal/h	18.446,88	1.771,88
25.485.1204	6,000 kcal/h	21.059,38	2.146,88
25.485.1205	7,000 kcal/h	21.346,88	2.146,88
25.485.1206	8,000 kcal/h	23.546,88	2.146,88
25.485.1207	10,000 kcal/h	29.721,88	2.146,88
25.485.1208	12,500 kcal/h	32.768,75	2.418,75
25.485.1209	15,000 kcal/h	36.718,75	2.418,75
25.485.1210	17,500 kcal/h	38.718,75	2.418,75
25.485.1211	20,000 kcal/h	47.706,25	2.418,75
25.485.1300	Cassette Type Fan Coil Unit that blows air in four directions The drain pump to be used to drain the water collecting in the device tray shall be within the device and capable of operating up to a pump head of 500 mm. The fan coils shall have a high-quality galvanized steel enclosure. The maximum device height shall be 300 mm to allow installation at narrow heights of suspended ceiling. The rest of the device specifications are given in the item 25.485.1000.		
25.485.1301	4,000 kcal/h	35.809,38	1.771,88
25.485.1302	5,000 kcal/h	36.496,88	1.771,88
25.485.1303	6,000 kcal/h	37.221,88	1.771,88
25.485.1304	7,000 kcal/h	46.534,38	2.146,88
25.485.1305	8,000 kcal/h	47.146,88	2.146,88
25.485.1306	10,000 kcal/h	59.871,88	2.146,88
25.485.1307	12,500 kcal/h	62.834,38	2.146,88
25.485.1308	15,000 kcal/h	65.906,25	2.418,75
25.485.1309	17,500 kcal/h	68.518,75	2.418,75
25.485.1310	20,000 kcal/h	83.643,75	2.418,75
25.485.2000	Four-tube Fan Coil Units Other specifications shall be the same as the fan coil types in the item 25.485.1000 with the unit prices including installation of the relevant item increased by 20% and installation fees remaining the same.		
25.485.7000	Fan Coil Hose Set (Unit :Qty.) Supply and installation on site of flexible metal hoses in compliance with TSE EN 10380, PN10 pressure class for non-braided types and PN16 pressure class for braided types, with hose and braid made of AISI 304 stainless steel, connection parts made of nickel-plated carbon steel with union or nipple ends, installed with due consideration to the connection point, fancoil valve and installation location, provided with minimum 9 mm rubber insulation to prevent heat loss and plastic casings at the ends of the insulation.		
25.485.7100	Unbraided Fan Coil Hose Set		
25.485.7101	1/2" size, Unbraided, 30 - 49 cm long	486,25	218,75
25.485.7102	1/2" size, Unbraided, 50 - 69 cm long	528,75	218,75
25.485.7103	1/2" size, Unbraided, 70 - 90 cm long	560,00	218,75

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.485.7104	3/4" size, Unbraided, 30 - 49 cm long	666,25	312,50
25.485.7105	3/4" size, Unbraided, 50 - 69 cm long	721,25	312,50
25.485.7106	3/4" size, Unbraided, 70 - 90 cm long	767,50	312,50
25.485.7107	1" size, Unbraided, 30 - 49 cm long	895,00	375,00
25.485.7108	1" size, Unbraided, 50 - 69 cm long	962,50	375,00
25.485.7109	1" size, Unbraided, 70 - 90 cm long	1.021,25	375,00
25.485.7200	Braided Fan Coil Hose Set		
25.485.7201	1/2" size, Braided, 30 - 49 cm long	653,75	218,75
25.485.7202	1/2" size, Braided, 50 - 69 cm long	730,00	218,75
25.485.7203	1/2" size, Braided, 70 - 90 cm long	788,75	218,75
25.485.7204	3/4" size, Braided, 30 - 49 cm long	862,50	312,50
25.485.7205	3/4" size, Braided, 50 - 69 cm long	956,25	312,50
25.485.7206	3/4" size, Braided, 70 - 90 cm long	1.036,25	312,50
25.485.7207	1" size, Braided, 30 - 49 cm long	1.125,00	375,00
25.485.7208	1" size, Braided, 50 - 69 cm long	1.245,00	375,00
25.485.7209	1" size, Braided, 70 - 90 cm long	1.350,00	375,00
25.489.1000	Split-System Air Conditioners: (Unit: Qty.) (TS 7936 EN 60335-2-40, TS EN 814-3, TS EN 14511-4) Supply to the worksite, installation and delivery in working order of a split-system air conditioner with a DC inverter compressor, heat pump feature, cooling and heating energy consumption class A, memory protection feature against power outages and the ability to operate at the same setting when power is restored after a power outage, dehumidification feature without changing the ambient temperature, an operating temperature range between -7 °C and +43 °C, seasonal energy efficiency SEER at least 5.8, SCOP at least 4, including equipment such as indoor and outdoor units, inter-unit copper piping, drainage line and electrical line.		
25.489.1100	Wall-Mounted Split-System Air Conditioners		
25.489.1101	Cooling capacity (nom): 2.5 kW, Heating capacity (nom): 2.8 kW	36.393,75	2.718,75
25.489.1102	Cooling capacity (nom): 3.3 kW, Heating capacity (nom): 3.5 kW.	39.550,00	3.262,50
25.489.1103	Cooling capacity (nom): 5 kW., heating capacity (nom): 5.5 kW.	51.056,25	3.806,25
25.489.1104	Cooling capacity (nom): 6 kW, Heating capacity (nom): 6.4 kW.	54.975,00	4.350,00
25.490.1500	Free-Standing Split-System Air Conditioners Installation and delivery of the free-standing split-system air conditioner in working order		
25.490.1501	Cooling capacity (nom): 7 kW, Heating capacity (nom): 7 kW.	85.600,00	4.350,00
25.490.1502	Cooling capacity (nom): 12 kW, Heating capacity (nom): 12 kW.	124.187,50	5.437,50
25.490.0000	AIR CONDITIONING SYSTEM WITH VARIABLE COOLANT FLOW RATE AND MULTIPLE INTERNAL UNITS (Unit: Qty.) Supply, installation, delivery in working order of air conditioning systems with variable coolant flow rate which allows connection of multiple (cassette, ceiling, duct, floor, wall types, etc.) internal units in an external unit as per the approved project, and which can perform cooling, and heating as a heat pump. Each external unit shall determine the amount of coolant required for the location of each internal unit connected to it, change the amount of coolant to be sent to the system depending on the data acquired by the signal to be sent to perform capacity check; while internal units shall perform capacity check by electronic expansion valves, external units shall determine the amount of coolant required by the signals that they receive from the internal units and send coolant to the system at variable flow rates by means of a microprocessor board, and the coolant to be used in the system shall be ozone-friendly R410 A. The item shall be delivered in working order, including filling the entire system with the coolant gas. Draining pipes shall be charged per the relevant piping items, the power panel and power and signal cables shall be charged per the unit prices of electricity works.		
25.490.1000	EXTERNAL UNIT OR GROUP OF EXTERNAL UNITS (Unit: Qty.) Supply to the worksite and delivery in working order of outdoor unit with air cooled condenser, DC inverter compressor, outdoor unit or outdoor unit group, to which indoor units of different capacities and types can be connected with branch pieces on a single line consisting of one liquid and one gas line each from the outdoor unit group, with seasonal efficiencies of at least SEER (Seasonal Energy Efficiency Ratio) 4.80 and SCOP (Seasonal Coefficient of Performance) 3.50 in accordance with TS EN 14825 standard and the Commission Regulation (EU) 2016/2281 (SGM:2021/20) establishing a framework for the setting of ecodesign requirements for energy-related products, with regard to ecodesign requirements		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	for air heating products, cooling products, high temperature process chillers and fan coil units, including filling the entire system with refrigerant gas after completing all piping and electrical connections and pressurizing it with nitrogen. -Nominal capacity and efficiency values are based on the following conditions: Cooling (Indoor: 27 °C DB / 19 °C WB, Outdoor: 35 °C DB / 24 °C WB); Heating (Indoor: 20 °C DB / 15 °C WB, Outdoor: 7 °C DB / 6 °C WB); with a pipe length of 7.5 m and zero elevation difference. - External units shall be raised gradually to 25 bar pressure with N2 (Nitrogen) gas after installation and tested for at least 24 hours under this pressure.		
25.490.1100	FULLY FREQUENCY-CONTROLLED COMPRESSOR EXTERNAL UNIT OR EXTERNAL UNIT GROUP (Unit: Qty.) External unit or external unit group with air-cooled condenser, all compressors DC inverter compressor with frequency control, and with the rest of the specifications in compliance with the item 25.490.1000.		
25.490.1101	Cooling capacity (nom): 22 kW, Heating capacity (nom): 22 kW.	269.585,50	8.835,50
25.490.1102	Cooling capacity (nom): 27 kW, Heating capacity (nom): 27 kW.	283.850,56	7.975,56
25.490.1103	Cooling capacity (nom): 33 kW, Heating capacity (nom): 33 kW.	342.519,31	9.269,31
25.490.1104	Cooling capacity (nom): 39 kW, Heating capacity (nom): 39 kW.	368.063,06	10.563,06
25.490.1105	Cooling capacity (nom): 44 kW, Heating capacity (nom): 44 kW.	392.313,06	10.563,06
25.490.1106	Cooling capacity (nom): 50 kW, Heating capacity (nom): 50 kW.	465.297,44	13.797,44
25.490.1107	Cooling capacity (nom): 55 kW, Heating capacity (nom): 55 kW.	495.672,44	13.797,44
25.490.1108	Cooling capacity (nom): 61 kW, Heating capacity (nom): 61 kW.	540.091,19	15.091,19
25.490.1109	Cooling capacity (nom): 66 kW, Heating capacity (nom): 66 kW.	613.466,19	15.091,19
25.490.1110	Cooling capacity (nom): 73 kW, Heating capacity (nom): 73 kW.	666.314,91	16.814,91
25.490.1111	Cooling capacity (nom): 78 kW, Heating capacity (nom): 78 kW.	709.711,79	17.461,79
25.490.1112	Cooling capacity (nom): 84 kW, Heating capacity (nom): 84 kW.	747.521,59	17.521,59
25.490.1113	Cooling capacity (nom): 89 kW, Heating capacity (nom): 89 kW.	779.168,46	18.168,46
25.490.1114	Cooling capacity (nom): 94 kW, Heating capacity (nom): 94 kW.	870.462,21	19.462,21
25.490.1115	Cooling capacity (nom): 100 kW, Heating capacity (nom): 100 kW.	889.505,96	20.755,96
25.490.1116	Cooling capacity (nom): 105 kW, Heating capacity (nom): 105 kW.	948.680,83	21.430,83
25.490.1117	Cooling capacity (nom): 110 kW, Heating capacity (nom): 110 kW.	1.014.665,20	24.665,20
25.490.1118	Cooling capacity (nom): 115 kW, Heating capacity (nom): 115 kW.	1.059.855,83	26.605,83
25.490.1119	Cooling capacity (nom): 120 kW, Heating capacity (nom): 120 kW.	1.106.949,43	28.574,43
25.490.1120	Cooling capacity (nom): 129 kW, Heating capacity (nom): 129 kW.	1.152.824,43	28.574,43
25.490.1121	Cooling capacity (nom): 134 kW, Heating capacity (nom): 134 kW.	1.186.308,80	31.808,80
25.490.2000	INTERNAL UNITS (Unit: Qty.) Delivery in working order of the internal units with the following types and capacities, diffusers that diffuse air, protection fuses to protect fan motors from overheat, a microprocessor thermostat for temperature control, and a washable long-lasting filter, which can be controlled by a central controller, with all coolants filled and condensation connections made. - Internal units shall be raised gradually to 25 bar pressure with N2 (Nitrogen) gas after installation and tested for at least 24 hours under this pressure. (The capacities are in ranges and include the values up to the upper capacities.)		
25.490.2100	Wall-mounted Interior Unit Installation of interior units that can be used wall-mounted, and direct air up/down, left/right by guide blades.		
25.490.2101	Cooling capacity (nom): 2 - 2.5 kW, Heating capacity (nom): 2.5 - 3 kW	28.395,60	4.958,10
25.490.2102	Cooling capacity (nom): 2.5 - 3 kW, Heating capacity (nom): 3 - 3.5 kW	29.858,10	4.958,10
25.490.2103	Cooling capacity (nom): 3 - 4 kW, Heating capacity (nom): 3.5 - 4.5 kW.	30.595,60	4.958,10
25.490.2104	Cooling capacity (nom): 4 - 5.5 kW, Heating capacity (nom): 4.5 - 6 kW.	32.338,06	5.388,06
25.490.2105	Cooling capacity (nom): 5.5-7 kW, Heating capacity (nom): 6-7.5 kW.	33.525,56	5.388,06
25.490.2106	Cooling capacity (nom): 7 - 9 kW, Heating capacity (nom): 7.5 - 10 kW.	34.900,56	5.388,06
25.490.2200	Cassette-type Interior Unit		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	Installation and delivery in working order of cassette-type internal units which can be used as suspended to suspended ceiling gaps, guides air upwards/downwards and to left/right by guide blades, blow air in two or four directions as per the project. - The unit shall be equipped with a drainage pump that can pump up to min. 50 cm high (from the base of the device) as standard equipment.		
25.490.2201	Cooling capacity (nom): 2 - 2.5 kW, Heating capacity (nom): 2.5 - 3 kW	31.845,60	4.958,10
25.490.2202	Cooling capacity (nom): 2.5-3 kW, Heating capacity (nom): 3-3.5 kW	32.420,60	4.958,10
25.490.2203	Cooling capacity (nom): 3 - 4 kW, Heating capacity (nom): 3.5 - 4.5 kW	33.820,60	4.958,10
25.490.2204	Cooling capacity (nom): 4 - 5.5 kW, Heating capacity (nom): 4.5 - 6 kW	36.245,60	4.958,10
25.490.2205	Cooling capacity (nom): 5.5-7 kW, Heating capacity (nom): 6-8.5 kW	37.383,10	4.958,10
25.490.2206	Cooling capacity (nom): 7 - 7.5 kW, Heating capacity (nom): 7.5 - 8.5 kW	40.138,06	5.388,06
25.490.2207	Cooling capacity (nom): 7.5 - 9 kW, Heating capacity (nom): 8.5 - 9.5 kW	41.713,06	5.388,06
25.490.2208	Cooling capacity (nom): 9.0 - 11 kW, Heating capacity (nom): 9.9 - 12 kW	44.763,06	5.388,06
25.490.2209	Cooling capacity (nom): 11 - 12 kW, Heating capacity (nom): 12 - 13 kW	46.425,56	5.388,06
25.490.2210	Cooling capacity (nom): 12 - 14 kW, Heating capacity (nom): 13 - 16 kW	49.725,56	5.388,06
25.490.2211	Cooling capacity (nom): 14 - 16 kW, Heating capacity (nom): 16 - 19 kW	51.413,06	5.388,06
25.490.2300	Duct-type Interior Unit Installation and delivery in working order of internal units with 30 Pa static air pressure outside the device, which allow connection of ducts.		
25.490.2301	Cooling capacity (nom): 1.5 - 2 kW, Heating capacity (nom): 1.9 - 2.5 kW	29.133,10	4.958,10
25.490.2302	Cooling capacity (nom): 2 - 2.5 kW, Heating capacity (nom): 2.5 - 3 kW	29.445,60	4.958,10
25.490.2303	Cooling capacity (nom): 2.5-3 kW, Heating capacity (nom): 3-3.5 kW	30.633,10	4.958,10
25.490.2304	Cooling capacity (nom): 3 - 4 kW, Heating capacity (nom): 3.5 - 4.5 kW	31.533,10	4.958,10
25.490.2305	Cooling capacity (nom): 4 - 5.5 kW, Heating capacity (nom): 4.5 - 6 kW	34.400,56	5.388,06
25.490.2306	Cooling capacity (nom): 5.5-7 kW, Heating capacity (nom): 6-7.5 kW.	35.388,06	5.388,06
25.490.2307	Cooling capacity (nom): 7 - 9 kW, Heating capacity (nom): 7.5 - 10 kW	41.913,06	5.388,06
25.490.2400	Duct-type Interior Unit with High Static Pressure Installation and delivery in working order of internal units with 80 Pa static air pressure outside the device, which allow connection of ducts.		
25.490.2401	Cooling capacity (nom): 2 - 2.5 kW, Heating capacity (nom): 2.5 - 3 kW	34.683,10	4.958,10
25.490.2402	Cooling capacity (nom): 2.5-3 kW, Heating capacity (nom): 3-3.5 kW	35.095,60	4.958,10
25.490.2403	Cooling capacity (nom): 3 - 4 kW, Heating capacity (nom): 3.5 - 4.5 kW	35.695,60	4.958,10
25.490.2404	Cooling capacity (nom): 4 - 5.5 kW, Heating capacity (nom): 4.5 - 6 kW	36.683,10	4.958,10
25.490.2405	Cooling capacity (nom): 5.5-7 kW, Heating capacity (nom): 6-7.5 kW.	40.583,10	4.958,10
25.490.2406	Cooling capacity (nom): 7 - 7.5 kW, Heating capacity (nom): 7.5 - 8.5 kW	42.125,56	5.388,06
25.490.2407	Cooling capacity (nom): 7.5 - 9 kW, Heating capacity (nom): 8.5 - 9.9 kW	44.363,06	5.388,06
25.490.2408	Cooling capacity (nom): 9.0 - 11 kW, Heating capacity (nom): 9.9 - 12 kW	46.363,06	5.388,06
25.490.2409	Cooling capacity (nom): 11 - 12 kW, Heating capacity (nom): 12 - 13 kW	50.013,06	5.388,06
25.490.2410	Cooling capacity (nom): 12 - 14 kW, Heating capacity (nom): 13 - 16 kW	53.950,56	5.388,06
25.490.2411	Cooling capacity (nom): 14 - 16 kW, Heating capacity (nom): 16 - 19 kW	57.250,56	5.388,06
25.490.2500	Ceiling-mounted Interior Unit Installation and delivery in working order of ceiling-mounted interior units that can be used as ceiling-mounted		
25.490.2501	Cooling capacity (nom): 3 - 4 kW, Heating capacity (nom): 3.5 - 4.5 kW	35.145,60	4.958,10
25.490.2502	Cooling capacity (nom): 4 - 5 kW, Heating capacity (nom): 4.5 - 6 kW	37.345,60	4.958,10
25.490.2503	Cooling capacity (nom): 5.5-7 kW, Heating capacity (nom): 6-8.5 kW	40.158,10	4.958,10
25.490.2504	Cooling capacity (nom): 7 - 9 kW, Heating capacity (nom): 8.5 - 10 kW.	42.788,06	5.388,06
25.490.2600	Floor-type Interior Unit with Cabinet Installation and delivery in working order of floor-mounted interior units with cabinets, which can be used as ceiling-mounted		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.490.2601	Cooling capacity (nom): 2.2 - 2.8 kW, Heating capacity (nom): 2.5 - 3 kW	36.045,60	4.958,10
25.490.2602	Cooling capacity (nom): 2.8 - 3 kW, Heating capacity (nom): 3 - 3.5 kW	38.883,10	4.958,10
25.490.2603	Cooling capacity (nom): 3 - 4 kW, Heating capacity (nom): 3.5 - 4.5 kW	40.383,10	4.958,10
25.490.2604	Cooling capacity (nom): 4 - 5.5 kW, Heating capacity (nom): 4.5 - 6 kW	41.333,10	4.958,10
25.490.2605	Cooling capacity (nom): 5.5-7.5 kW, Heating capacity (nom): 6-8 kW	43.225,56	5.388,06
25.490.2700	Non-cabinet/Hidden Floor-type Interior Unit without Installation and delivery in working order of floor-mounted interior units without cabinets		
25.490.2701	Cooling capacity (nom): 2.2 - 2.8 kW, Heating capacity (nom): 2.5 - 3 kW	35.833,10	4.958,10
25.490.2702	Cooling capacity (nom): 2.8 - 3 kW, Heating capacity (nom): 3 - 3.5 kW	36.970,60	4.958,10
25.490.2703	Cooling capacity (nom): 3 - 4 kW, Heating capacity (nom): 3.5 - 4.5 kW	42.070,60	4.958,10
25.490.2704	Cooling capacity (nom): 4 - 5.5 kW, Heating capacity (nom): 4.5 - 6 kW	43.008,10	4.958,10
25.490.2705	Cooling capacity (nom): 5.5-7 kW, Heating capacity (nom): 6-8 kW	46.100,56	5.388,06
25.490.2800	Free-Standing Interior Unit Installation and delivery of the free-standing interior unit in working order		
25.490.2801	Cooling capacity (nom): 9-11 kW heating capacity (nom): 9-11 kW	54.942,48	4.442,48
25.490.2802	Cooling capacity (nom):14-16 kW heating capacity (nom):14-16 kW	58.861,23	4.986,23
25.490.5100	REMOTE CONTROLLERS FOR AIR CONDITIONING SYSTEM WITH VARIABLE COOLANT FLOW RATE AND MULTIPLE INTERNAL UNITS (UNIT: QTY.)		
25.490.5101	Wired Remote Control Supply, installation and delivery in working order of a control device that controls all functions of the interior unit by a cable connected to it.	4.889,69	323,44
25.490.5102	Wireless Remote Control and Sensor Supply, installation and delivery in working order of a control device with a sensor, which controls all functions of the interior unit without a cable connection.	5.159,69	323,44
25.490.5200	CENTRAL CONTROLLERS FOR AIR CONDITIONING SYSTEM WITH VARIABLE COOLANT FLOW RATE AND MULTIPLE INTERNAL UNITS (UNIT: QTY.) The central controller device which can control all internal units of the systems with internal units and can be connected by a cable to the system communication signal line of the central controller system, control all individual functions of all internal units, have a timer programmer, restrict the use of the internal units on the system and be equipped with a liquid crystal display that provides information about the system failures. Connection and delivery in working order of the central controller.		
25.490.5201	Up to 50 internal units	68.381,25	6.468,75
25.490.5202	Up to 100 internal units	164.468,75	6.468,75
25.490.8100	COPPER PIPING SYSTEM FOR AIR CONDITIONING SYSTEM WITH VARIABLE COOLANT FLOW RATE AND MULTIPLE INTERNAL UNITS (Unit: Qty.) Made of copper pipes manufactured as per TS EN 12449 with the ends of the pipes inspected against moisture and dust, welding shall be performed with silver-copper alloy under N2 (Nitrogen) to avoid oxidation. Carrier clamps at 1-meter intervals shall be used in the piping. Interior of the pipes shall be cleaned with N2 (Nitrogen) gas before the copper piping is completed and the system is commissioned. - Copper pipe installation shall be raised gradually to 41.5 bar pressure with N2 (Nitrogen) gas after installation and tested for at least 24 hours under this pressure. Installation of piping, testing and commissioning with fasteners as insulated with rubber, elastomeric rubber foam or polyethylene with minimum thickness values specified below, for use with the piping of Air Conditioning Systems with Variable Coolant Flow Rate.		
25.490.8101	Copper Pipe Group 1/4" 0.8 mm (13 mm Iso)	385,79	97,04
25.490.8102	Copper Pipe Group 3/8" 0.8 mm (13 mm Iso)	452,04	97,04
25.490.8103	Copper Pipe Group 1/2" 0.8 mm (13 mm Iso)	569,54	97,04
25.490.8104	Copper Pipe Group 5/8" 1.0 mm (13 mm Iso)	664,54	97,04
25.490.8105	Copper Pipe Group 3/4" 1.0 mm (13 mm Iso)	844,54	97,04

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.490.8106	Copper Pipe Group 7/8" 1.0 mm (13 mm Iso)	1.125,48	161,73
25.490.8107	Copper Pipe Group 1" 1.2 mm (13 mm Iso)	1.249,23	161,73
25.490.8108	Copper Pipe Group 1 1/8" 1.2 mm (19 mm Iso)	1.510,31	194,06
25.490.8109	Copper Pipe Group 1 3/8" 1.5 mm (19 mm Iso)	1.850,31	194,06
25.490.8110	Copper Pipe Group 1 5/8" 1.5 mm (19 mm Iso)	2.299,06	194,06
25.490.8200	Joints (Unit: set) Installation of joints on the (dual) piping system for use on liquid and gas lines, taking line load as basis.		
25.490.8201	Max. 25 kw	2.990,63	646,88
25.490.8202	25 to 50 kW	3.746,88	646,88
25.490.8203	50-100 kW. range	5.054,06	970,31
25.490.8204	Over 100 kW	7.192,50	1.293,75
25.490.8300	Distribution (header) elements (Unit: set) Installation of distribution (header) elements on the piping system for use on liquid and gas lines (dual).	9.713,75	1.293,75
25.495.0000	MODULAR COOLING GROUPS (Unit: Qty.)		
25.495.0010	Air-cooled water cooling groups		
25.495.1000	Cooling group with scroll compressor and air cooling Operating with R410 A, R32,454 B coolant gases, bearing a CE compliance marking, with shall and tube or plate exchanger, with a microprocessor control panel, and with capacities for an operation at 35 °C with 7 to 12 °C water. To be tested for efficiency and capacity by national or international testing organizations, and the requested efficiency value certified. Cooling groups above 200 kW shall be equipped with min. 2 circuits and 2 compressors. Delivery of the cooling group in working order at work site (The values between the main capacities shall be interpolated).		
25.495.1100	Cooling group with scroll compressor and air cooling The devices should have a cooling activity coefficient of at least 3.1 (EER) or at least 4.1 (SSER), including the condenser fan powers.		
25.495.1101	5 kW	316.697,44	3.447,44
25.495.1102	7.5 kW	353.101,13	5.601,13
25.495.1103	10 kW	406.498,00	6.248,00
25.495.1104	15 kW	469.526,69	8.401,69
25.495.1105	20 kW	559.923,56	9.048,56
25.495.1106	30 kW	682.532,94	12.282,94
25.495.1107	40 kW	818.002,25	16.377,25
25.495.1108	60 kW	965.611,63	19.611,63
25.495.1109	80 kW	1.106.448,13	25.323,13
25.495.1110	100 kW	1.247.565,31	26.940,31
25.495.1111	120 kW	1.411.734,06	28.609,06
25.495.1112	150 kW	1.711.924,69	30.174,69
25.495.1113	200 kW	2.060.183,80	31.808,80
25.495.1114	250 kW	2.685.227,55	33.477,55
25.495.1115	300 kW	3.149.918,18	35.043,18
25.495.1116	350 kW	3.583.152,55	38.277,55
25.495.1117	400 kW	3.812.930,68	43.180,68
25.495.1118	450 kW	4.040.215,05	51.215,05
25.495.2000	Water Chiller Unit with Screw Compressor and Air-Cooled Condenser Operating with R134 A, R513 A or R1234 ZE coolant gases, bearing a CE compliance marking, with shall and tube exchanger, with a microprocessor control panel, and with capacities for an operation at 35 °C with 7 to 12 °C water. To be tested for efficiency and capacity by national or international testing organizations, and the requested efficiency value certified. The cooling groups shall have at least 2 circuits and 2 compressors. Delivery of the		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	cooling group in working order at work site (The values between the main capacities shall be interpolated).		
25.495.2100	Water Chiller Unit with Screw Compressor and Air-Cooled Condenser The devices should have a cooling activity coefficient of at least 3.1 (EER) or at least 4.1 below 400 KW, and at least 4.55 above 400 KW (SSER), including the condenser fan powers.		
25.495.2101	200 kW	3.023.710,21	32.835,21
25.495.2102	250 kW	3.341.423,55	43.423,55
25.495.2103	300 kW	4.108.436,05	47.811,05
25.495.2104	350 kW	4.218.839,18	50.839,18
25.495.2105	400 kW	4.557.324,39	61.324,39
25.495.2106	450 kW	4.843.240,01	68.740,01
25.495.2107	500 kW	5.218.730,64	73.230,64
25.495.2108	550 kW	5.521.008,76	76.258,76
25.495.2109	600 kW	5.951.021,26	80.646,26
25.495.2110	700 kW	6.423.799,39	83.674,39
25.495.2111	800 kW	7.322.974,39	86.599,39
25.495.2112	900 kW	7.917.927,51	92.552,51
25.495.2113	1000 kW	8.340.900,23	98.650,23
25.495.2114	1100 kW	9.089.075,23	101.575,23
25.495.2115	1200 kW	9.954.259,60	116.509,60
25.495.2116	1300 kW	10.623.387,73	125.387,73
25.495.2117	1400 kW	11.129.090,85	131.340,85
25.495.2118	1500 kW	12.177.150,23	146.275,23
25.495.2119	1600 kW	13.282.792,53	161.292,53
25.495.2120	1700 kW	14.409.245,65	167.245,65
25.495.2500	Cooling group with screw compressor with frequency inverter, and air cooling (SEER >4.55) Operating with R134 A, R513 A or R1234 ZE coolant gases, with shell and tube or plate exchanger, with a microprocessor control panel, bearing a CE compliance marking, efficiency- and capacity-tested by national or international testing agencies, with documentation proving the required efficiency value. The cooling groups shall have at least 2 circuits and 2 compressors. At least 2 compressors shall have frequency inverters. Supply to the worksite in working order of the cooling group with devices with a cooling activity coefficient of at least 4.55 (SEER), including the condenser fan powers. For the capacities below, the values at operation with water temperatures of 7 to 12 °C and 35 °C shall be the basis instead of the climatic conditions (values for other capacities shall be interpolated).		
25.495.2510	500 kW	5.852.002,51	73.502,51
25.495.2511	550 KW	6.144.780,64	76.530,64
25.495.2512	600 kW	6.445.521,26	80.646,26
25.495.2513	700 KW	7.293.049,39	83.674,39
25.495.2514	800 kW	8.000.349,39	86.599,39
25.495.2515	900 kW	8.881.552,51	92.552,51
25.495.2516	1000 kW	9.643.025,23	98.650,23
25.495.2517	1100 kW	10.295.200,23	101.575,23
25.495.2518	1200 kW	11.272.634,60	116.509,60
25.495.2519	1300 kW	11.890.262,73	125.387,73
25.495.2520	1400 kW	12.789.340,85	131.340,85
25.495.2521	1500 kW	13.504.275,23	146.275,23
25.495.2522	1600 KW	15.017.417,53	161.292,53
25.495.2523	1700 kW	15.830.042,53	161.292,53

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.495.2600	Cooling group with screw compressor with frequency inverter, and air cooling (SEER >5) Supply to the worksite and delivery in working order of frequency inverter cooling groups with a seasonal energy efficiency ratio (SEER) of at least 5 and other features in accordance with positions of 25.495.2500.		
25.495.2610	500 kW	6.314.377,51	73.502,51
25.495.2611	550 kW	6.629.633,76	75.883,76
25.495.2612	600 kW	6.954.771,26	80.646,26
25.495.2613	700 kW	7.869.696,26	83.571,26
25.495.2614	800 kW	8.633.371,26	86.496,26
25.495.2615	900 kW	9.584.677,51	92.552,51
25.495.2616	1000 kW	10.406.547,10	98.547,10
25.495.2617	1100 kW	11.110.803,35	101.678,35
25.495.2618	1200 kW	12.165.134,60	116.509,60
25.495.2619	1300 kW	12.831.615,85	125.490,85
25.495.2620	1400 kW	13.802.090,85	131.340,85
25.495.2621	1500 kW	14.572.922,10	146.172,10
25.495.2622	1600 kW	16.205.917,53	161.292,53
25.495.2623	1700 kW	17.083.542,53	161.292,53
25.495.3000	Cooling group with screw compressor and water cooling Operating with R134 A, R513 A or R1234 ZE coolant gases, bearing a CE compliance marking, with shall and tube exchanger, with a microprocessor control panel, and with capacities for an operation at 30 to 35 °C of condenser circuit temperature with 7 to 12 °C water. To be tested for efficiency and capacity by national or international testing organizations, and the requested efficiency value certified. The cooling groups shall have at least 2 circuits and 2 compressors. Delivery of the cooling group in working order at work site (The values between the main capacities shall be interpolated).		
25.495.3100	Cooling group with screw compressor and water cooling The device should have a cooling activity coefficient of at least 5.05 (EER) or 6.5 (SEER).		
25.495.3101	300 kW	2.910.686,05	47.811,05
25.495.3102	350 kW	3.103.964,18	50.839,18
25.495.3103	400 kW	3.279.824,39	61.324,39
25.495.3104	450 kW	4.664.240,01	68.740,01
25.495.3105	500 kW	4.852.105,64	73.230,64
25.495.3106	550 kW	5.078.383,76	76.258,76
25.495.3107	600 kW	5.433.771,26	80.646,26
25.495.3108	700 kW	5.744.424,39	83.674,39
25.495.3109	800 kW	6.151.099,39	86.599,39
25.495.3110	900 kW	7.047.302,51	92.552,51
25.495.3111	1000 kW	7.696.400,23	98.650,23
25.495.3113	1200 kW	8.509.009,60	116.509,60
25.495.3112	1100 kW	7.799.950,23	101.575,23
25.495.3114	1300 kW	8.908.887,73	125.387,73
25.495.3115	1400 kW	9.507.465,85	131.340,85
25.495.3116	1500 kW	9.814.650,23	146.275,23
25.495.3500	Cooling group with screw compressor with frequency inverter, and water cooling Operating with R134 A, R513 A or R1234 ZE coolant gases, with shell and tube or plate exchanger, with a microprocessor control panel, bearing a CE compliance marking, efficiency- and capacity-tested by national or international testing agencies, with documentation proving the required efficiency value. The cooling groups shall have at least 2 circuits and 2 compressors. At least 2 compressors shall have frequency inverters. Supply to the worksite of the cooling group with devices with a cooling activity coefficient of at least 7		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	(SEER). For the capacities below, the values at operation with water at a condenser circuit temperature of 30 to 35 °C and a user circuit of 7 to 12 °C shall be the basis instead of the climatic conditions (values for other capacities shall be interpolated).		
25.495.3510	400 kW	4.895.865,01	68.740,01
25.495.3511	450 kW	5.569.252,51	73.502,51
25.495.3512	500 kW	5.769.655,64	76.530,64
25.495.3513	550 kW	6.032.396,26	80.646,26
25.495.3514	600 kW	6.270.799,39	83.674,39
25.495.3515	700 kW	6.751.099,39	86.599,39
25.495.3516	800 kW	7.475.427,51	92.552,51
25.495.3517	900 kW	8.651.400,23	98.650,23
25.495.3518	1000 kW	9.641.700,23	101.575,23
25.495.3519	1100 kW	10.237.384,60	116.509,60
25.495.3520	1200 kW	11.295.012,73	125.387,73
25.495.3521	1300 kW	11.310.465,85	131.340,85
25.495.3522	1400 kW	11.691.275,23	146.275,23
25.495.3523	1500 KW	12.232.542,53	161.292,53
25.495.3524	1600 KW	12.663.245,65	167.245,65
25.500.0000	HEAT PUMPS (Unit: Qty.) Delivery in working order with, coolant gas pumped to the system, of heat pumps operating with R407, R410A, R134A, R32, R290 gases, compliant with the performance standard of EN 14511 for heating and cooling, ERP-ECO DESIGN criteria and marked for compliance with the relevant standards; equipped with a wayer/gas heat exchanger with stainless steel plate, a 4-way valve in the coolant fluid circuit within the device, heating and cooling modes, anti-vibration elements and a control panel. Exterior temperature of 7 °C for heating, 35 °C for cooling for air source heat pumps; the source-circulating water temperature of 10 °C for heating and 30 °C for cooling for ground and water source heat pumps; and a user side water outlet temperature of 35 °C for heating and 7 °C for cooling shall be considered baseline for capacity estimation. If the interior and exterior units of the devices are separate, installation of copper pipes shall be charged per the relevant unit price. Other values shall be interpolated.		
25.500.1100	Air Source Heat Pumps Supply, installation, and delivery in working order and in compliance with the relevant project design, with heating and cooling capacities of min. COP: 3.70 and EER 2.70 as determined by the ERP-ECO DESIGN and/or relevant standards for air sourced devices. *Condenser fans of the device shall be with variable speed.		
25.500.1101	8 kW Heating Capacity, 6.5 kW Cooling Capacity	259.188,06	10.563,06
25.500.1102	12 kW Heating Capacity, 9 kW Cooling Capacity	301.834,94	11.209,94
25.500.1103	16 kW Heating Capacity, 13 kW Cooling Capacity	450.731,81	12.231,81
25.500.1104	24 kW Heating Capacity, 18 kW Cooling Capacity	534.510,50	14.010,50
25.500.1105	34 kW Heating Capacity, 28 kW Cooling Capacity	782.329,25	30.829,25
25.500.1106	50 kW Heating Capacity, 40 kW Cooling Capacity	1.026.988,63	39.238,63
25.500.1107	75 kW Heating Capacity, 60 kW Cooling Capacity	1.228.626,13	47.001,13
25.500.1108	100 kW Heating Capacity, 80 kW Cooling Capacity	1.347.623,00	57.998,00
25.500.1109	120 kW Heating Capacity, 96 kW Cooling Capacity	1.568.396,59	69.271,59
25.500.1110	170 kW Heating Capacity, 135 kW Cooling Capacity	1.994.521,59	95.146,59
25.500.1111	260 kW Heating Capacity, 200 kW Cooling Capacity	2.650.102,70	115.227,70
25.500.1112	340 kW Heating Capacity, 270 kW Cooling Capacity	3.154.258,95	134.633,95
25.500.1113	430 kW Heating Capacity, 320 kW Cooling Capacity	3.611.837,08	144.337,08
25.500.1114	520 kW Heating Capacity, 410 kW Cooling Capacity	4.523.212,08	170.212,08
25.500.1115	700 kW Heating Capacity, 560 kW Cooling Capacity	5.657.261,93	196.761,93
25.500.1116	920 kW Heating Capacity, 740 kW Cooling Capacity	6.751.699,43	261.449,43

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.500.2100	Water/ Ground Source Heat Pumps Supply, installation, and delivery in working order and in compliance with the relevant project design, with heating and cooling capacities of min. COP: 4.80 and EER 4.00 as determined by the ERP-ECO DESIGN and/or relevant standards for water and ground sourced devices.		
25.500.2101	6 kW Heating Capacity, 6 kW Cooling Capacity	277.688,06	10.563,06
25.500.2102	8 kW Heating Capacity, 8 kW Cooling Capacity	316.459,94	11.209,94
25.500.2103	12 kW Heating Capacity, 12 kW Cooling Capacity	331.584,94	11.584,94
25.500.2104	17 kW Heating Capacity, 14 kW Cooling Capacity	383.966,75	12.716,75
25.500.2105	22 kW Heating Capacity, 17 kW Cooling Capacity	439.488,63	13.363,63
25.500.2106	28 kW Heating Capacity, 22 kW Cooling Capacity	461.016,75	17.891,75
25.500.2107	34 kW Heating Capacity, 28 kW Cooling Capacity	589.877,84	31.752,84
25.500.2108	60 kW Heating Capacity, 48 kW Cooling Capacity	755.412,21	40.162,21
25.500.2109	80 kW Heating Capacity, 64 kW Cooling Capacity	848.474,58	48.599,58
25.500.2110	100 kW Heating Capacity, 80 kW Cooling Capacity	975.427,70	58.302,70
25.500.2111	120 kW Heating Capacity, 96 kW Cooling Capacity	1.092.555,83	73.180,83
25.500.2112	160 kW Heating Capacity, 130 kW Cooling Capacity	1.357.365,20	97.115,20
25.500.2113	230 kW Heating Capacity, 184 kW Cooling Capacity	1.665.527,55	115.902,55
25.500.2114	350 kW Heating Capacity, 270 kW Cooling Capacity	2.529.324,43	132.074,43
25.500.2115	460 kW Heating Capacity, 340 kW Cooling Capacity	3.082.886,93	145.011,93
25.500.2116	570 kW Heating Capacity, 420 kW Cooling Capacity	4.042.230,68	177.355,68
25.500.2117	700 kW Heating Capacity, 560 kW Cooling Capacity	5.039.371,30	199.996,30
25.500.2118	920 kW Heating Capacity, 740 kW Cooling Capacity	5.534.230,68	254.980,68
25.505.1000	COOLING TOWERS (Unit: Qty.)		
25.505.1100	OPEN TYPE COOLING TOWERS (Unit: Qty.) Supply to the work site and installation, including water level control system, tower pond and filtration system, of flanged towers in compliance with the approved project, with the tower pond and housing made of min. AISI 304 stainless steel or CTP (Glass Fiber-Reinforced Polyester) or galvanized steel sheet with 600 g/m ² zinc content, variable fan speeds, min. IP55 protection class, easily detachable PVC drift eliminators, PVC or polypropylene filling, and with water spray system made of PVC flanges which can be fully removed and cleaned (Capacities for 30 °C output and 35 C input temperature are taken as reference at 25 C wet-bulb temperature).		
25.505.1101	Open-type Water Cooling Towers with Axial Fans		
25.505.1102	300 kW	446.022,44	24.147,44
25.505.1103	350 kW	527.381,81	27.381,81
25.505.1104	450 kW	578.351,13	31.476,13
25.505.1105	550 kW	688.649,71	32.399,71
25.505.1106	650 kW	784.987,21	34.987,21
25.505.1107	750 kW	864.433,95	36.308,95
25.505.1108	850 kW	975.102,70	37.602,70
25.505.1109	1000 kW	1.070.793,33	39.543,33
25.505.1110	1150 kW	1.118.315,20	40.190,20
25.505.1111	1300 kW	1.151.533,80	42.158,80
25.505.1112	1450 kW	1.183.430,68	42.805,68
25.505.1113	1600 kW	1.450.996,30	44.746,30
25.505.1114	1750 kW	1.484.186,93	46.686,93
25.505.1115	1900 kW	1.613.124,14	50.624,14
25.505.1116	2000 kW	1.677.508,80	52.508,80
25.505.1200	Open-type water cooling towers with radial fans		
25.505.1201	300 kW	617.897,44	24.147,44

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.505.1202	350 kW	683.631,81	27.381,81
25.505.1203	450 kW	765.851,13	31.476,13
25.505.1204	550 kW	876.149,71	32.399,71
25.505.1205	650 kW	1.003.737,21	34.987,21
25.505.1206	750 kW	1.051.933,95	36.308,95
25.505.1207	850 kW	1.287.602,70	37.602,70
25.505.1208	1000 kW	1.383.293,33	39.543,33
25.505.1209	1150 kW	1.555.815,20	40.190,20
25.505.1210	1300 kW	1.729.658,80	42.158,80
25.505.1211	1450 kW	1.855.305,68	42.805,68
25.505.1212	1600 kW	1.919.746,30	44.746,30
25.505.1213	1750 kW	1.984.186,93	46.686,93
25.505.1214	1900 kW	2.034.999,14	50.624,14
25.505.1215	2000 kW	2.116.358,51	53.858,51
25.505.2000	CLOSED TYPE COOLING TOWERS (Unit: Qty.) Supply to the work site and installation, including water level control system, tower pond and filtration system, of towers in compliance with the approved project, with the tower pond and housing made of min. AISI 304 stainless steel or CTP (Glass Fiber-Reinforced Polyester) or galvanized steel sheet with 600 g/m ² zinc content, variable fan speeds, min. IP55 protection class, PVC or polypropylene drift eliminators, easily detachable filling materials, and water spraying system made of PVC flanges which can be fully removed and cleaned. Tower serpentine shall be made of steel-drawn SRM (Steel Relief Annealed) pipes, and subject to deep hot-dip galvanization after production. Should be subjected to a hydraulic test pressure 1.5 times the operating pressure before and after the galvanized coating process. Maximum water side pressure loss of the serpentines should be 60 kPa (The capacities of 30 °C output and 35 °C input temperatures at 25 °C wet-bulb temperature were taken as reference.)		
25.505.2100	Closed-type Water Cooling Towers with Axial Fans		
25.505.2101	300 kW	2.607.191,19	25.441,19
25.505.2102	350 kW	2.758.278,69	28.028,69
25.505.2103	450 kW	3.459.644,88	32.769,88
25.505.2104	550 kW	3.863.943,46	33.693,46
25.505.2105	650 kW	4.454.259,09	35.634,09
25.505.2106	750 kW	5.002.330,83	36.955,83
25.505.2107	850 kW	5.688.124,58	38.249,58
25.505.2108	1000 kW	6.486.190,20	40.190,20
25.505.2109	1150 kW	7.467.608,95	41.483,95
25.505.2110	1300 kW	8.810.805,68	42.805,68
25.505.2111	1450 kW	9.602.827,55	43.452,55
25.505.2112	1600 kW	10.355.915,05	46.040,05
25.505.2113	1750 kW	10.823.458,80	47.333,80
25.505.2114	1900 kW	12.771.271,01	51.271,01
25.505.2115	2000 kW	13.371.880,39	54.505,39
25.505.2200	Closed-type Water Cooling Towers with Radial Fans		
25.505.2201	300 kW	2.634.566,19	25.441,19
25.505.2202	350 kW	2.787.903,69	28.028,69
25.505.2203	450 kW	3.496.269,88	32.769,88
25.505.2204	550 kW	3.908.068,46	33.693,46
25.505.2205	650 kW	4.536.759,09	35.634,09
25.505.2206	750 kW	5.171.330,83	36.955,83

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.505.2207	850 kW	5.791.999,58	38.249,58
25.505.2208	1000 kW	6.605.065,20	40.190,20
25.505.2209	1150 kW	7.720.858,95	41.483,95
25.505.2210	1300 kW	8.973.180,68	42.805,68
25.505.2211	1450 kW	10.079.702,55	43.452,55
25.505.2212	1600 kW	10.871.665,05	46.040,05
25.505.2213	1750 kW	11.362.583,80	47.333,80
25.505.2214	1900 kW	13.409.021,01	51.271,01
25.505.2215	2000 kW	14.038.505,39	54.505,39



REPUBLIC OF TÜRKİYE
MINISTRY OF ENVIRONMENT, URBANIZATION,
AND CLIMATE CHANGE

Higher Technical Board

1934

AUTOMATIC CONTROL INSTALLATION
UNIT PRICES AND SPECIFICATIONS

2025

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.550.1000	TWO-POSITION ELECTRIC THERMOSTATS: (Unit: Qty.) Two-position electric thermostats that are released to the market in accordance with TS EN 60730-2-7/AC, 2014/35/EU Low Voltage Directive (LVD), and 2004/108/EC Electromagnetic Compatibility Directive and with the CE marking.		
25.550.1100	Two-Position Electric Location Thermostat; Supplying on site, installation to its place, making electrical connections and delivery in working condition of the two-position electric location thermostat with miscellaneous partitions that can be mounted on the wall, with temperature adjustment buttons, that switches on/off the ignition within the adjusted room temperature value.		
25.550.1101	Mechanical Location Thermostat	1.790,00	250,00
25.550.1102	Digital Location Thermostat	3.157,50	250,00
25.550.1103	Digital Communication Location Thermostat	5.802,50	250,00
25.550.1200	Two-Position Electric Duct Thermostat; Supplying on site, installation to its place, making electrical connections and delivery in working condition of the two-position electric channel thermostat that can be mounted on the exterior of the air duct, that is connected to the temperature monitor element with a capillary tube, with miscellaneous partitions, with temperature adjustment buttons, with difference range adjustment button that switches on/off the ignition within the adjusted duct temperature value.	7.963,75	250,00
25.550.1201	Two-Position Electric Submersion Thermostat; Supplying on site, installation together with the cartridge to its place, making electrical connections and delivery in working condition of the two-position electric submersion thermostat that can be submersed in the temperature monitoring element boiler, pipe or in any medium filled with liquid, with miscellaneous partitions, with temperature adjustment buttons, with difference range adjustment button that switches on/off the ignition within the adjusted liquid temperature value.		
25.550.1202	Submersion thermostats that can be used up to 120 °C	5.533,75	250,00
25.550.1203	Submersion thermostats that can be used at 120 °C and above	5.626,25	250,00
25.550.1300	Two-Position Electric Surface Thermostat; Supplying on site, installation to its place, making electrical connections and delivery in working condition of the two-position electric surface thermostat that can be submersed pipe or in any medium that comes into contact tightly with the surface, with miscellaneous partitions, with difference range adjustment button that switches on/off the ignition within the adjusted liquid temperature value.	5.705,00	250,00
25.550.2000	PROPORTIONAL ELECTRIC THERMOSTATS: (Unit: Qty.)		
25.550.2001	Proportional Electric Location Thermostat; Supplying, installation to its place, making electrical connections and delivery in working condition of the two-position electric room thermostat with miscellaneous partitions that can be mounted on the wall, with temperature adjustment buttons, that can change the resistance value of the potentiometer in proportionate with the temperature change within the adjusted room temperature value.	13.987,50	250,00
25.550.2002	Proportional Electric Duct Thermostat; Supplying, installation to its place, making electrical connections and delivery in working condition of the two-position electric duct thermostat with miscellaneous partitions that can be mounted outside the air duct, that is connected to a temperature monitor element with a capillary tube, with temperature adjustment buttons, that can change the resistance value of the potentiometer in proportionate with the temperature change within the adjusted room temperature value.	15.775,00	250,00
25.550.2003	Proportional Electric Submersion Thermostat; Supplying, installation to its place, making electrical connections and delivery in working condition of the two-position electric submersion thermostat together with its cartridge with miscellaneous partitions that the temperature monitoring element can be submersed in the boiler, pipe or any medium filled with liquid, that is connected to a temperature monitor element with a capillary tube, with temperature adjustment buttons, that can change the resistance value of the potentiometer in proportionate with the temperature change within the adjusted liquid temperature value.	22.562,50	250,00
25.550.2100	Additions to Two-Position and Proportional Thermostats (Unit: Qty.) In addition to the characteristics specified in the general description of electric thermostats, the elements added in the thermostat as a requirement of the place of use.		
25.550.2101	Manual correction addition (manual reset)	1.052,50	250,00
25.550.3000	TWO-POSITION HYGROSTATS: (Unit: Qty.)		
25.550.3001	Two-Position Location Hygrostat; Supplying on site, installation to its place, making electrical connections and delivery in	5.302,50	250,00

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	working condition of the two-position electric hygrostat with 80% RH relative humidity partitions that can be mounted on the wall, with humidity adjustment buttons, that switches on/off the ignition within the adjusted room relative humidity value.		
25.550.3002	Two-Position Air Duct Hygrostat; Supplying on site, installation to its place, making electrical connections and delivery in working condition of the two-position electric hygrostat with 80% RH relative humidity partitions that can be mounted inside the humidity monitoring duct, body outside the duct, with humidity adjustment buttons, that switches on/off the ignition within the adjusted duct relative humidity value.	5.302,50	250,00
25.550.4000	PRESSURESTATS (Pressure Switch): (Unit: Qty.)		
25.550.4100	Two-Positioned Pressurestat; Supply on site, installation to the place, making electrical connections and delivery in working condition of the two-positioned electric pressurestat that can be mounted on the boiler, exchanger, pipe or any other pressurized container, that has miscellaneous partitioned pressure adjustment buttons including fluid and pressure values of the project, that switches on/off the contact within the adjusted pressure value.		
25.550.4101	Two-position pressurestat (For air)	3.947,50	250,00
25.550.4102	Two-position pressurestat (For liquids)	4.528,75	250,00
25.550.5000	DIFFERENTIAL PRESSURE PRESSURESTATS: (Unit: Qty.)		
25.550.5100	Two-Position Differential Pressurestat; Supply, installation, electrical connections, and delivery on site in working order of a two-position electric differential pressure switch, connectable to two different media, with diaphragm, differential pressure adjustment knob, and internal contact that opens or closes when the pressure difference reaches the set value.		
25.550.5101	Two positioned differential pressurestat (for air)	2.623,75	250,00
25.550.5102	Two positioned differential pressurestat (for liquids)	5.672,50	250,00
25.552.1100	ELECTRONIC SENSING ELEMENTS (Sensors): (Unit: Qty.) Supply on site, installation to the place, making electrical connections and delivery in working condition of every type temperature sensing element together with all parts including cover, immersion tubes and bushes that are named based on area of use and installation type, with changing resistance depending on the temperature change in the location of monitoring element, without temperature adjustment button.		
25.552.1101	Location type electronic temperature sensing element	2.433,75	250,00
25.552.1102	Air duct type temperature sensing element	2.941,25	250,00
25.552.1103	Immersion type electronic temperature sensing element, up to 120 °C	3.736,25	250,00
25.552.1104	Immersion type electronic temperature sensing element, above 120 °C	3.306,25	250,00
25.552.1105	Outside air type temperature sensing element	2.477,50	250,00
25.552.1106	Surface type electronic temperature sensing element	3.123,75	250,00
25.552.1200	Electronic Relative Humidity Sensing Elements; Supply on site, installation to the place, making electrical connections and delivery in working condition of every type electronic relative humidity sensing element together with parts including cover etc. that are named based on area of use and installation types, with changing resistance depending on the relative humidity change in the location of monitoring element, without temperature adjustment button.		
25.552.1201	Room type electronic relative humidity sensing element	8.233,75	250,00
25.552.1202	Duct type electronic relative humidity sensing element	9.812,50	250,00
25.552.1300	Electronic Temperature and Humidity Sensing Elements (Sensors); (Unit: Qty.) Supply on site, installation to the place, making electrical connections and delivery in working condition of temperature sensing element together with all parts including cover, immersion tubes and bushes that are named based on area of use and installation type, with changing resistance depending on the temperature and moisture change in the location of monitoring element.		
25.552.1301	Location type electronic temperature moisture sensing element	16.062,50	250,00
25.552.1302	Duct type electronic temperature moisture sensing element	16.862,50	250,00
25.552.1303	Outside air type temperature moisture sensing element	20.225,00	250,00
25.552.1400	Electronic pressure sensing elements. Supply on site, installation to the place, making electrical connections and delivery in working condition of small parts including cover etc. that are named based on area of use and installation types, with changing resistance depending on the relative humidity change in the location of monitoring element.		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.552.1401	Pressure sensing element for air	8.047,50	250,00
25.552.1402	Pressure sensing element for liquids	10.040,00	250,00
25.552.1403	Pressure sensing element for vapor	14.762,50	250,00
25.552.1500	Electronic differential pressure sensing elements. Installation to the place, making electrical connections and delivery in working condition of the sensing element that have different pressures with two pressure connection locations, and that can be connected with two different media, that can handle differential pressure adjustment.		
25.552.1501	Differential pressure sensing element for air	11.630,00	250,00
25.552.1502	Differential pressure sensing element for the liquids	29.175,00	250,00
25.552.1503	Differential pressure sensing element for steam	20.862,50	250,00
25.552.1600	Air Sensors; Supply on site, installation to the place, making electrical connections and delivery in working condition of small parts including cover etc. that are named based on area of use and installation types, with changing output signal depending on the air quality in the location of monitoring element.		
25.552.1601	Carbon Dioxide (CO2) Sensor	29.962,50	250,00
25.552.1602	Carbon Monoxide (CO) Sensor	36.712,50	250,00
25.552.1603	Air Quality (VOC) Sensor	31.550,00	250,00
25.552.2000	Differences for Additions to Electronic Sensing Elements: (Unit: Qty.)		
25.552.2001	Addition of adjustment knob for location type temperature and air type pressure sensors	2.415,00	250,00
25.552.2002	Addition of indicator for location type temperature and air type pressure sensors	2.617,50	250,00
25.555.1000	ELECTRONIC HOT WATER (BOILER) CONTROL PANEL: (Unit: Qty.) Supply on site, installation to the place, making electrical connections and delivery in working condition of electronic hot water control panel together with digital indicator that receives warning from the outside air inflow water or electronic temperature sensing elements in the boiler, that controls boiler or motorized valve or pump in order to adjust inflow water or boiler water temperature depending on the outside water temperature within a predefined program, that has the necessary buttons and potentiometers in order to determine the program, that can program daily (24-hour) and weekly, that has summer-winter access function, that ensures operation without electricity cut.		
25.555.1001	Two positioned electronic hot water control panel	27.778,13	815,63
25.555.1002	Proportionally controlled electronic hot water control panel	31.165,63	815,63
25.555.2000	ELECTRONIC CONTROL PANEL: (Unit: Qty.)		
25.555.2100	Pre-Programmed Air Conditioning Control Panel; (Unit: Qty.) Supply on site, installation to the place, making electrical connections and delivery in working condition of the electronic control panel with digital indicator that keeps the adjusted value by controlling with the warnings received from the electronic sensing elements, that can be installed to the enclosure or wall.		
25.555.2101	Air conditioning control panel with 1 control loops	33.153,13	815,63
25.555.2102	Air conditioning control panel with 2 control loops	40.990,63	815,63
25.555.2103	Air conditioning control panel with 3 control loops	49.303,13	815,63
25.555.2104	Air conditioning control panel with 4 control loops	52.415,63	815,63
25.555.3000	Differences to be Paid for Additions in Electronic Temperature Control Panel: (Unit: Qty.) Additions that are requested to be available on the electronic temperature control panel due to the requirement of the area of use other than the specifications stated in the relevant definitions of the above item: 319-300.		
25.555.3001	Addition of remote set-point replacement unit	1.677,50	125,00
25.560.1000	SERVOMOTORS: (TSE quality certificate) (Unit: Qty.)		
25.560.1100	Two-Position (switch on/off) servomotor; Supply on site, installation to the place, making electrical connections and delivery in working condition of the two positioned servomotor with miscellaneous rotation duration that fully switches on or off the valves or dampers with the warnings received from the two positioned thermostat, hygrostat, pressurestat or electronic control panel, that has limited rotation with a specific angle.		
25.560.1101	For valves with DN10 to DN20 diameters	7.170,63	271,88
25.560.1102	For valves with DN25 to DN40 diameters	14.096,88	271,88

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.560.1103	For valves with DN50 to DN65 diameters	23.226,25	326,25
25.560.1104	For valves with DN80 to DN125 diameters	39.670,31	407,81
25.560.1105	For valves with DN150 and larger diameters	41.618,75	543,75
25.560.1106	For dampers with an area of 0.4 m ² and less	4.663,13	271,88
25.560.1107	For dampers with an area of 0.4 - 1.0 m ²	10.438,13	271,88
25.560.1108	For dampers with an area of 1.0 - 2.0 m ²	10.676,25	326,25
25.560.1109	For dampers with an area of 2.0 - 4.0 m ²	11.057,81	407,81
25.560.1200	Proportional Servomotors; Supply on site, installation to the place, making electrical connections and delivery in working condition of the electromechanical servomotor together with all equipment pieces that locates the connected valve or damper with linear or rotary movement proportionally with the proportional warning (signal) received from the relevant control device.		
25.560.1201	For valves with DN10 to DN20 diameters	7.444,38	271,88
25.560.1202	For valves with DN25 to DN40 diameters	18.021,88	271,88
25.560.1203	For valves with DN50 to DN65 diameters	21.738,75	326,25
25.560.1204	For valves with DN80 to DN125 diameters	39.395,31	407,81
25.560.1205	For valves with DN150 and larger diameters	41.318,75	543,75
25.560.1206	For dampers with an area of 0.4 m ² and less	8.154,38	271,88
25.560.1207	For dampers with an area of 0.4 - 1.0 m ²	8.540,63	271,88
25.560.1208	For dampers with an area of 1.0 - 2.0 m ²	14.801,25	326,25
25.560.1209	For dampers with an area of 2.0 - 4.0 m ²	15.257,81	407,81
25.560.2000	Additions to Servomotors: (Unit: Qty.)		
25.560.2100	Addition of emergency positioning: (to be used in vapor, super heated water, hot water valves and ventilation dampers) Supply on site, installation to the place and delivery in working condition of the emergency location unit that fully switches on or off the valve feeding the servomotor with the built-in spring or battery mechanism in case of power outage.		
25.560.2101	For valves with DN10 to DN20 diameters	9.075,00	375,00
25.560.2102	For valves with DN25 to DN40 diameters	9.783,75	375,00
25.560.2103	For valves with DN50 to DN65 diameters	14.466,88	429,38
25.560.2104	For valves with DN80 to DN125 diameters	15.160,94	510,94
25.560.2105	For valves with DN150 and larger diameters	16.700,00	750,00
25.560.2106	For dampers with an area of 0.4 m ² and less	13.425,00	375,00
25.560.2107	For dampers with an area of 0.4 - 1.0 m ²	17.600,00	375,00
25.560.2108	For dampers with an area of 1.0 - 2.0 m ²	19.254,38	429,38
25.560.2109	For dampers with an area of 2.0 - 4.0 m ²	21.998,44	510,94
25.560.2200	Adding position switch Supply on site, installation to the place, making electrical connections and delivery in working condition of the position switch that adjusts certain rotation angles of the servomotor and transmits warning in this rotation angle, that receives movement from the rod installed inside or outside the servomotor.	4.800,00	125,00
25.560.2300	Addition of position feedback potentiometer Supply on site, installation to the place, making electrical connections and delivery in working condition of the position feedback potentiometer that feeds the position of the servomotor proportionally.	5.517,50	125,00
25.560.3100	Digital Proportional Servomotors Supply on site, installation to the place, making electrical connections and delivery in working condition of the electromechanical servomotor together with all equipment pieces that locate the connected valve with linear movement proportionally with the proportional warning (signal) received from the relevant control device, building automation system or bus protocols, or directly from installed sensors, or created through its own software.		
25.560.3101	For valves with DN15 to DN20 diameters	12.401,88	240,63
25.560.3102	For valves with DN25 to DN40 diameters	18.762,50	262,50

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.560.3103	For valves with DN50 to DN65 diameters	30.412,50	300,00
25.560.3104	For valves with DN80 to DN125 diameters	45.837,50	337,50
25.560.3105	For valves with DN150 to DN250 diameters	79.387,50	337,50
25.562.1000	FAN-COIL CONTROL SYSTEM: (Unit: Qty.)		
25.562.1100	Fan-Coil Thermostat; Supply on site, installation to the place, making electrical connections and delivery in working condition of additions including contact, manual adjustment addition (manual reset), etc. pertaining to the fan-coil thermostat with summer-winter switch, that stops and starts minimum 3-cycle fan motor of the fan-coil in order to keep the room temperature at the adjusted value, that controls the automatic fan-coil valve, that resists against motor starter currents and at least 1 A continuous inductive load at 220 volt, that has adjustment button, that is 10/30 °C partitioned.		
25.562.1101	Mechanical thermostats	2.499,38	271,88
25.562.1102	Thermostats with digital display (without communication)	3.675,63	271,88
25.562.1103	Thermostats with digital display (with communication)	9.353,13	271,88
25.562.1200	Automatic Fan-Coil Valve; Supply on site, installation to the place, making electrical connections and delivery in working condition of the motorized inspection valve that changes the water amount passing through the fan-coil in order to adjust the room temperature with the warning (signal) received from the Fan-Coil thermostat, that has brass or bronze body, that has geared connection, that has drive unit with electromagnetic or electrothermal mechanism, that operates with linear or rotary movement. (Valve body, motor and connection equipment are complete.)		
25.562.1201	Two-way DN15	2.558,13	271,88
25.562.1202	Two-way DN20	2.896,88	271,88
25.562.1203	Two-way DN25	3.071,88	271,88
25.562.1204	Three-way DN15	3.301,25	326,25
25.562.1205	Three-way DN20	3.557,50	326,25
25.562.1206	Three-way DN25	3.786,25	326,25
25.565.1000	2-WAY AUTOMATIC CONTROL VALVE BODY: (Unit: Qty.) Supply on site, installation to the place, delivery in working condition of the two-way automatic valve body that is manufactured in accordance with the Directive (2014/68/AB) Pressure Equipment, that is released to the market with CE marking, that adjusts liquid and vapor flow amount, that is triggered by a drive unit, that has a single or double seats, that has peak bronze or brass spillage body, that has stainless steel rod, bronze or stainless steel valves or seats. (drive unit is not included in the price)		
25.565.1200	Two-way, PN 10, threaded control valve body; Resisting at least to 10 and 8 atmosphere operating pressures up to 100 °C and 110 °C, respectively. Other features are as in item 25.565.1000.		
25.565.1201	DN15	3.063,75	183,75
25.565.1202	DN20	3.433,75	183,75
25.565.1203	DN25	4.064,38	238,13
25.565.1204	DN32	4.546,88	313,13
25.565.1205	DN40	6.590,00	367,50
25.565.1206	DN50	8.365,63	421,88
25.565.1300	Two-way, PN 16, threaded control valve body; Special lead, bronze alloy housing valve housing and stainless steel rod that is resistant against 16 atmosphere up to 100 °C, at 120 °C and at least 13 atmospheres operation pressure,		
25.565.1301	DN15	5.641,25	183,75
25.565.1302	DN20	6.245,00	183,75
25.565.1303	DN25	6.886,88	238,13
25.565.1304	DN32	8.045,63	313,13
25.565.1305	DN40	12.852,50	367,50
25.565.1306	DN50	15.571,88	421,88

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.565.1500	Two-way, PN 6, flanged control valve body;		
25.565.1501	DN15	5.703,75	183,75
25.565.1502	DN20	6.138,75	183,75
25.565.1503	DN25	6.355,63	238,13
25.565.1504	DN32	7.403,13	313,13
25.565.1505	DN40	8.052,50	367,50
25.565.1506	DN50	10.866,88	421,88
25.565.1507	DN65	13.635,00	585,00
25.565.1508	DN80	17.593,75	693,75
25.565.1509	DN100	27.719,38	856,88
25.565.1510	DN125	43.562,19	1.162,19
25.565.1511	DN150	53.796,56	1.434,06
25.565.1512	DN200	130.090,31	1.465,31
25.565.1513	DN250	164.215,31	1.465,31
25.565.1600	Two-way, PN 10, flanged control valve body; Peak spillage body, bronze or stainless steel valve and seats, resistant against 10 atmosphere operation pressure up to 100 °C temperatures, at least 8 atmosphere operation pressure up to 120 °C temperatures, other features are as in item 25.565.1000.		
25.565.1601	DN15	6.408,75	183,75
25.565.1602	DN20	7.330,00	183,75
25.565.1603	DN25	8.196,88	238,13
25.565.1604	DN32	9.028,13	313,13
25.565.1605	DN40	9.786,25	367,50
25.565.1606	DN50	11.571,88	421,88
25.565.1607	DN65	14.997,50	585,00
25.565.1608	DN80	19.643,75	693,75
25.565.1609	DN100	30.531,88	856,88
25.565.1610	DN125	46.062,19	1.162,19
25.565.1611	DN150	55.184,06	1.434,06
25.565.1612	DN200	144.590,31	1.465,31
25.565.1613	DN250	182.465,31	1.465,31
25.565.1700	Two-way, PN 16, flanged control valve body; Peak spillage body, bronze or stainless steel valve and seats, resistant against 16 atmosphere operation pressure up to 100 °C temperatures, at least 13 atmosphere operation pressure up to 120 °C temperatures, other features are as in item 25.565.1000		
25.565.1701	DN15	9.137,50	183,75
25.565.1702	DN20	13.908,75	183,75
25.565.1703	DN25	14.663,13	238,13
25.565.1704	DN32	17.275,63	313,13
25.565.1705	DN40	19.755,00	367,50
25.565.1706	DN50	20.684,38	421,88
25.565.1707	DN65	24.047,50	585,00
25.565.1708	DN80	29.593,75	693,75
25.565.1709	DN100	45.156,88	856,88
25.565.1710	DN125	61.599,69	1.162,19
25.565.1711	DN150	76.634,06	1.434,06
25.565.1712	DN200	284.965,31	1.465,31
25.565.1713	DN250	460.715,31	1.465,31
25.565.2000	THREE-WAY INSPECTION VALVE BODY: (TSE quality certified) (Unit: Qty.)		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	Supply on site, installation to the place, delivery in working condition of the three-way agitator or separator type inspection valve body that is manufactured in accordance with the Directive (2014/68/EU) Pressure Equipment, that is released into the market with CE marking, that changes the flow rate of the fluid passing through the line with the motor to be installed on it, that has bulk iron, bronze or brass body, that has stainless steel rod, bronze or stainless steel valves and seats, that has linear or rotary movement, that has equal flow characteristics. (Valve motor is not included in the price)		
25.565.2100	Three-way, PN 6, threaded control valve body;		
25.565.2101	DN15	3.245,63	238,13
25.565.2102	DN20	3.386,25	292,50
25.565.2103	DN25	3.557,50	292,50
25.565.2104	DN32	4.176,25	367,50
25.565.2105	DN40	5.008,13	421,88
25.565.2106	DN50	6.758,75	476,25
25.565.2200	Three-way, PN 10, threaded control valve body;		
	Resisting at least to 10 and 8 atmosphere operating pressures up to 100 °C and 110 °C, respectively, with remaining features identical with item 25.565.2000.		
25.565.2201	DN15	3.113,13	238,13
25.565.2202	DN20	3.402,50	292,50
25.565.2203	DN25	4.256,25	292,50
25.565.2204	DN32	5.575,00	367,50
25.565.2205	DN40	6.716,88	421,88
25.565.2206	DN50	9.802,50	476,25
25.565.2300	Three-way, PN 16, threaded control valve body;		
	Special lead, bronze alloy housing valve housing and stainless steel rod that is resistant against 16 atmosphere up to 100 °C, at 120 °C and at least 13 atmospheres operation pressure, other features are as in item 25.565.2000.		
25.565.2301	DN15	6.356,88	238,13
25.565.2302	DN20	6.877,50	292,50
25.565.2303	DN25	7.165,00	292,50
25.565.2304	DN32	8.715,00	367,50
25.565.2305	DN40	13.396,88	421,88
25.565.2306	DN50	16.576,25	476,25
25.565.2500	Three-way, PN 6, flanged control valve body;		
25.565.2501	DN15	7.649,38	238,13
25.565.2502	DN20	8.183,75	292,50
25.565.2503	DN25	8.520,00	292,50
25.565.2504	DN32	10.182,50	367,50
25.565.2505	DN40	10.718,13	421,88
25.565.2506	DN50	12.227,50	476,25
25.565.2507	DN65	13.472,50	585,00
25.565.2508	DN80	16.156,25	693,75
25.565.2509	DN100	17.969,38	856,88
25.565.2510	DN125	35.587,19	1.162,19
25.565.2511	DN150	44.446,56	1.434,06
25.565.2512	DN200	99.977,81	1.465,31
25.565.2513	DN250	120.615,31	1.465,31
25.565.2600	Three-way, PN 10, flanged control valve body;		
25.565.2601	DN15	8.734,38	238,13
25.565.2602	DN20	9.203,75	292,50
25.565.2603	DN25	9.673,75	292,50

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.565.2604	DN32	12.303,75	367,50
25.565.2605	DN40	12.618,13	421,88
25.565.2606	DN50	14.451,25	476,25
25.565.2607	DN65	24.410,00	585,00
25.565.2608	DN80	29.231,25	693,75
25.565.2609	DN100	40.081,88	856,88
25.565.2610	DN125	86.862,19	1.162,19
25.565.2611	DN150	96.821,56	1.434,06
25.565.2612	DN200	108.277,81	1.465,31
25.565.2613	DN250	130.715,31	1.465,31
25.565.2700	Three-way, PN 16, flanged control valve body; Peak spillage housing valve housing and stainless steel rod that is resistant against 16 atmospheres up to 100 °C, at 200 °C and at least 13 atmospheres operation pressure, other features are as in item 25.565.2000.		
25.565.2701	DN15	10.559,38	238,13
25.565.2702	DN20	13.330,00	292,50
25.565.2703	DN25	14.655,00	292,50
25.565.2704	DN32	16.642,50	367,50
25.565.2705	DN40	19.171,88	421,88
25.565.2706	DN50	20.288,75	476,25
25.565.2707	DN65	23.985,00	585,00
25.565.2708	DN80	31.281,25	693,75
25.565.2709	DN100	37.056,88	856,88
25.565.2710	DN125	67.087,19	1.162,19
25.565.2711	DN150	84.509,06	1.434,06
25.565.2712	DN200	195.215,31	1.465,31
25.565.2713	DN250	274.590,31	1.465,31
25.565.3000	TWO-WAY BUTTERFLY VALVE BODY: (Unit: Qty.) Supply on site, installation to the place of the two-way butterfly automatic valve body that is manufactured in accordance with the Directive (2014/68/EU) Pressure Equipment, that is released into the market with CE marking, that can adjust the flow of high output fluid, that is triggered by a drive unit, that has peak spillage body, that has special bronze alloyed butterfly.		
25.565.3100	2-way, PN 10, flanged, butterfly type automatic valve body; Up to 100 °C resistant against 10 atmospheres.		
25.565.3101	DN25	9.542,50	183,75
25.565.3102	DN32	10.172,50	183,75
25.565.3103	DN40	11.090,63	238,13
25.565.3104	DN50	12.109,38	313,13
25.565.3105	DN65	13.505,00	367,50
25.565.3106	DN80	16.009,38	421,88
25.565.3107	DN100	19.031,88	856,88
25.565.3108	DN125	22.181,88	856,88
25.565.3109	DN150	28.428,75	1.128,75
25.565.3110	DN200	45.101,56	1.139,06
25.565.3111	DN250	67.323,44	1.410,94
25.565.3112	DN300	98.460,94	1.410,94
25.565.3113	DN400	118.673,44	1.410,94
25.567.1000	PRESSURE-INDEPENDENT (COMBINED) INSPECTION VALVE: (Unit: Qty.)		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	Installation of the pressure-independent (combined) inspection valve and delivery in working condition with correct adjustments that is manufactured in accordance with the Directive (2014/68/EU) Pressure Equipment, that is released into the market with CE marking, that is used in closed circuit heating or cooling systems, that has a mechanism preventing pressure changes in the system from affecting flow rate control, that has 100% valve authority, that has equal% flow characteristics, that has flow rate measurement points. (Valve motor is not included)		
25.567.1100	Two-way, threaded connection;		
25.567.1101	DN15	2.215,63	238,13
25.567.1102	DN20	2.645,00	292,50
25.567.1103	DN25	4.991,25	292,50
25.567.1104	DN32	7.915,00	367,50
25.567.1105	DN40	17.996,88	421,88
25.567.1106	DN50	18.813,75	476,25
25.567.1200	Two-way, flanged connection;		
25.567.1201	DN65	36.810,00	585,00
25.567.1202	DN80	44.106,25	693,75
25.567.1203	DN100	67.581,88	856,88
25.567.1204	DN125	122.824,69	1.162,19
25.567.1205	DN150	175.184,06	1.434,06
25.567.1206	DN200	305.840,31	1.465,31
25.567.1207	DN250	408.965,31	1.465,31
25.567.2000	FLOW LIMITING DIFFERENTIAL PRESSURE INSPECTION VALVE: (Unit: Qty.) Supply on site and installation to the place of the differential pressure inspection valve together with turnaround valves and capillary pipe set that is manufactured in accordance with the Directive (2014/68/EU) Pressure Equipment, that is released into the market with CE marking, that will be selected in accordance with the approved project indicating nominal dimensions, nominal pressures, material types and operating temperatures, that has seating type (globe), peak spillage (GG 25), spheroidal graphite cast iron (GGG 40.3), steel spillage (GS-C 25), bronze inspection valve body, stainless steel seat (seating collar) and rod, EPDM membrane, covered steel control unit, and pressure spring differential pressure adjustment mechanism. (Differential Pressure Setting Range: To be taken from the project value)		
25.567.2100	To be mounted on return line, PN 16, threaded		
25.567.2101	Ø15 mm	4.171,88	238,13
25.567.2102	Ø20 mm	4.617,50	292,50
25.567.2103	Ø25 mm	5.820,00	292,50
25.567.2104	Ø32 mm	10.396,25	367,50
25.567.2105	Ø40 mm	12.581,88	421,88
25.567.2106	Ø50 mm	15.901,25	476,25
25.567.2200	Differential pressure inspection valve body, stainless steel bellows with pressure balanced, flanged, PN 16		
25.567.2201	Ø65 mm	53.635,00	585,00
25.567.2202	Ø80 mm	61.718,75	693,75
25.567.2203	Ø100 mm	82.156,88	856,88
25.567.3000	DIFFERENCE PRESSURE RELIEF VALVES: Supply on site and installation to the place of the differential pressure relief valve that is manufactured in accordance with the Directive (2014/68/EU) Pressure Equipment, that is released into the market with CE marking, that will be selected in accordance with the approved project indicating nominal dimensions, nominal pressures, material types and operating temperatures, that has seating type (globe), peak spillage (GG 25), spheroidal graphite cast iron (GGG 40.3), steel spillage (GS-C 25), bronze inspection valve body, stainless steel seat (seating collar) and rod, EPDM membrane, covered steel control unit, and pressure spring differential pressure adjustment mechanism. (Differential Pressure Setting Range Will Be Taken From the Project.)		
25.567.3100	Body and Control Unit, Bronze Body, PN 16 Threaded		
25.567.3101	Ø20 mm	4.402,50	292,50
25.567.3102	Ø25 mm	7.914,38	346,88

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.567.3103	Ø32 mm	16.484,38	421,88
25.567.3200	Differential Pressure Inspection Valve Body, Stainless Steel Bellows with Pressure Balanced, PN 16, Flanged		
25.567.3201	Ø40 mm	28.334,38	421,88
25.567.3202	Ø50 mm	31.263,75	476,25
25.567.3203	Ø65 mm	127.710,00	585,00
25.567.3204	Ø80 mm	131.568,75	693,75
25.567.3205	Ø100 mm	170.731,88	856,88



REPUBLIC OF TÜRKİYE
MINISTRY OF ENVIRONMENT, URBANIZATION,
AND CLIMATE CHANGE

Higher Technical Board

1934

KITCHEN AND LAUNDRY INSTALLATION
UNIT PRICES AND SPECIFICATIONS

2025

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.600.1000	WORKTABLES		
25.600.1100	Worktable, AISI 304 Grade 18/8 Cr-Ni (Size: m) Supply and installation on site of the work table, completely manufactured of AISI 304 Grade 18/8 Cr-Ni material, at least 850 mm high, with 60 mm backrest, 4 upper slabs of maximum 2 m, 6 pipes of maximum 3 m, minimum 40 mm diameter box or specially-formed profile or at least two sides with 40x40 mm with minimum thickness of 1.2 mm, and other parts at least 1.5 mm, and 1.2 mm thick lower plate; when necessary, the right and left sides Argon arc welded and traces of weld completely eliminated, table corners and any kind of visible joints completely smoothed, the upper part polished or matte-finished, put together in one piece or by joining modular pieces together, legs with height adjustments (ball joint) made of rigid plastic, tubular, cast iron or rubber and mounted on the profile.		
25.600.1101	With 600 mm width	12.695,00	568,75
25.600.1102	With 700 mm width	13.893,75	568,75
25.600.1103	With 800 mm width	15.068,75	568,75
25.600.2101	With 600 mm wide Moving Worktable Supply of work table made in one piece or by piecing together modular parts, completely of AISI 304 Grade 18/8 Cr-Ni material, upper slab with perimeter band for use in four directions, upper and lower plate, bottom plate with protection band, 360 °C swiveling 4 heavy duty legs 2 with brakes. The other specifications shall be the same as the item 25.600.1100.	15.437,50	
25.600.2102	700 mm. wide Moving Worktable	16.400,00	
25.600.2103	With 800 mm wide Moving Worktable	17.437,50	
25.600.2200	WORKING TABLE, WITH SINK, PRESSED: (Unit: m) Manufactured completely wall thickness AISI 304 Grade 18/8 Cr-Ni material with the upper plate with 1.2 mm wall thickness to prevent the water overflow, pressed as one piece, sloped as to direct the water flow to the tub. The sinks with at least 1.0 mm thickness shall be mounted to the upper plate with weld seams and the seams shall be smoothed as to form a monolithic image with the upper table. Supply and installation on site of a 1-mm skirted table with 60 mm high backrest, at least two sides with 40x40 mm and minimum thickness of 1.2 mm box profile (4 pieces up to 190 cm, 6 pieces up to 300 cm) , legs with height adjustment (ball joint) made of rigid plastic or rubber and mounted on the profile in order to prevent the sinks from being seen from the side and the front. (Sink is not included in the unit price.)		
25.600.2201	With 600 mm width	12.981,25	568,75
25.600.2202	With 700 mm width	13.918,75	568,75
25.600.2203	With 800 mm width	15.893,75	568,75
25.600.2300	SINK, PRESSED, GRADE AISI 304 18/8 Cr-Ni Supply and installation on site in one piece or by joining modular pieces together of a sink manufactured from 18/8 stainless steel material with at least 1.0 mm thickness with the deep drawing method, shall welded to the table top plate of the same material by argon-arc welding and the seams shall be smoothed as to form a monolithic image with the upper table and the corners shall be rounded.		
25.600.2301	40x40x25 cm. dimensions.	3.922,50	
25.600.2302	40x50x25 cm. dimensions	4.928,75	
25.600.2303	50x50x25 cm. dimensions.	5.061,25	
25.600.2304	50x50x30 cm. dimensions.	5.390,00	
25.600.2305	60x50x30 cm. dimensions.	6.440,00	
25.600.3000	Addition of drawer: (Unit: Qty.)		
25.600.3100	Addition of drawer AISI 304 Grade 18/8 Cr-Ni With dimensions 50 x 50 x 15, handle, mounted to the table with rails. The price shall be considered when the drawers are added.	4.068,75	
25.600.3200	Addition of cupboard: (Unit: m) All to be mounted to the tables manufactured of AISI 304 Grade 18/8 Cr-Ni material, sliding doors of 1 mm thickness, the sides and the back of 0.8 mm thickness, per meter price of the cupboard without shelf.		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.600.3201	With 600 mm wide worktables	7.001,25	
25.600.3202	With 700 mm wide worktables	7.917,50	
25.600.3203	With 800 mm wide worktables	8.308,75	
25.600.3300	INTERMEDIATE SHELF ADDITION (Unit: m) Manufactured from AISI 304 Grade 18/8 Cr-Ni for mounting to the worktable, 1.2 mm thick, with three turns, supported by reinforcements where necessary. The price shall be considered when the shelves are added		
25.600.3301	With 600 mm wide worktables	3.727,50	
25.600.3302	With 700 mm wide worktables	3.987,50	
25.600.3303	With 800 mm wide worktables	4.237,50	
25.600.4100	CUPBOARDS AISI 304 GRADE 18/8 Cr-Ni: (Unit: m)		
25.600.4101	Supply and on-site installation of wall-mounted cupboard with door: 1 mm wall thickness, 400 x 600 mm size, size, built in one piece or by joining modular pieces together: center rack, front hanger system, double wall sliding door.	14.196,88	646,88
25.600.4102	The supply and installation of the cupboard without door: 1 mm wall thickness, 400 x 600 mm size, center rack	11.940,63	646,88
25.600.5000	WORKTABLES FOR MEAT PREPARATION: (Unit: m)		
25.600.5100	Worktable for meat preparation AISI 304 Grade 18/8 Cr-Ni: The upper table shall have a 6-cm saddle in the back and/or on the side depending on the worker, and shall be built with 40-mm high polyethylene material in one piece or by piecing together modular parts; other parts shall be same as in 25.600.1100		
25.600.5101	With 600 mm width	14.584,38	671,88
25.600.5102	With 700 mm width	14.721,88	671,88
25.600.5103	With 800 mm width	16.859,38	671,88
25.600.5200	MEAT BLOCK (Unit: Pieces) Supply on site of chopping board worktable made with carrier carcass and legs, pipe, box or specially-formed profile with a minimum 40 mm diameter or at least two sides with 40x40 mm and minimum thickness of 1.2 mm from AISI 304 Grade Cr-Ni material, polyethylene plate including the upper slab and backrest, made of rigid profile and of rigid plastic, cast or rubber mounted on profile, total height of 850 mm with height adjustment components (ball joint), put together in one piece or by joining modular pieces together.		
25.600.5201	50x60x8 cm. cutting board made of polyethylene.	13.493,75	268,75
25.600.5202	50x70x8 cm. cutting board made of polyethylene.	14.606,25	268,75
25.600.5203	80x80x8 cm. cutting board made of polyethylene.	19.856,25	268,75
25.600.6000	DOUGH MAKING TABLES : (Unit: m)		
25.600.6100	Worktable For Dough Making, AISI 304 Grade Cr-Ni: The upper table 3 cm, the backs 6 cm thick marble, plastic slip-resistant base under the marble, cast iron feet, other parts same as the item 25.600.1100.		
25.600.6101	With 600 mm width	14.662,50	775,00
25.600.6102	With 700 mm width	15.575,00	775,00
25.600.6103	With 800 mm width	16.187,50	775,00
25.600.6104	1100 mm. width	19.787,50	775,00
25.600.6200	WORKTABLE FOR DISH STRIPPING: (With stripping funnel) (Unit: m) Supply and installation on site of tray with AISI 304 Grade 18/8 Cr-Ni material with a minimum 1.2 mm wall thickness in whole to meet the appropriate conditions for use, stainless steel or plastic stripping funnel, Cr.Ni support legs made with pipe, box or specially-formed profile with a minimum 40 mm diameter or at least two sides with 40x40 mm and minimum thickness of 1.2 mm, with at least three compartments (fork, spoon, knife) removable for cleaning, put together in one piece or by joining modular pieces together.		
25.600.6201	With 600 mm width	12.435,00	568,75
25.600.6202	With 700 mm width	13.001,25	568,75
25.600.6203	With 800 mm width	14.281,25	568,75

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.602.1000	TRAYS (Unit: m.)		
25.602.1100	Meat and vegetable washing tray AISI 304 Grade 18/8 Cr-Ni: Supply and installation on site in one piece or by joining modular pieces together, approximately 850 mm high, minimum tray depth of 200 mm, upper table (legs, table) manufactured of at least 1.5 mm AISI 304 Grade 18/8 Cr-Ni material, with 60 mm. top, upper plate and other parts 1.2 mm. thick, 1.5 mm. thick pool (with a maximum of 10 cm margin), pool bottom with filter tray, instead of the shelves, the front and the sides skirted to prevent the pool from being seen, all welded with argon arc welding matte satin finish, legs from 40 x 40 x 1.2 mm box profile, with hard plastic or rubber height adjustment elements (ball joint) mounted to the profile.	27.337,50	750,00
25.602.1200	BOILER AND POT WASHING TRAY: AISI 304 Grade Cr-Ni (Unit: m) Manufactured completely with AISI 304 Grade 18/8 Cr-Ni material with a wall thickness of 1.5 mm, with at least 150 mm. deep pool, with a slope to facilitate the flow of water to the tub and from the table removable grid made of stainless steel profile, a band along the circumference of the tub to prevent the pool from being seen, table height 570 mm, the wall side 340 mm, legs made with pipe, box or specially-formed profile with a minimum 40 mm diameter or at least two sides with 40x40 mm and minimum thickness of 1.2 mm with hard plastic or rubber height adjustment elements (ball joint) mounted to the profile. Supply and installation on site in one piece or by joining modular pieces together of the tray made with Argon welding and the removal of the slag and smoothening of the weld seams.		
25.602.1201	600 mm width	21.075,00	750,00
25.602.1202	700 mm width	22.387,50	750,00
25.602.1203	800 mm width	22.875,00	750,00
25.602.1204	With 1000 mm width	25.050,00	750,00
25.605.1100	MEAL SERVICE TABLES (Unit: Pieces) Supply and installation in working order in one piece or by joining modular pieces together of the service table made completely with AISI 304 Grade 18/8 Cr-Ni material with three closed sides, meal pots in the hot water bath, thermostat, one bottom shelf under the electrical heater, glass tough panel, a 30-cm tray conveyor band in the front, upper plate, hot water bath and 1.5 mm thick meal pots, other parts (including the tray band side and two side covers) 1 mm thick, AISI 304 Grade 18/8 Cr-Ni material, hot water bath Argon welded and traces of weld completely eliminated visible joints completely smoothed, meal pots and basin manufactured by pressing, along with height adjustments (ball joint), and a box or specially-formed profile on two sides with minimum size of 40x40 mm and minimum thickness of 1.2 mm. Note: The devices shall be manufactured in compliance with the 2014/35/EU The Low Voltage Directive (LVD).		
25.605.1101	1600 mm, with 4 pieces of GN tub, at least 2.5 kW	53.975,00	2.250,00
25.605.1102	1900 mm, with 5 pieces of GN tub, at least at 5 kW power	59.087,50	3.000,00
25.605.1103	2400 mm, with 6 pieces of GN tub, at least at 5 kW power	70.687,50	3.750,00
25.605.1200	COVER UNIT (Unit: m) Supply and installation on site of tray with AISI 304 Grade 18/8 Cr-Ni material with 1.5 mm wall thickness in whole, closed on three sides, support legs made with pipe, box or specially-formed profile with a minimum 40 mm diameter or at least two sides with 40x40 mm and minimum thickness of 1.2 mm conveyor band, with at least three compartments (fork, spoon, knife) removable for cleaning, width 700, height 850/1350 mm, put together in one piece or by joining modular pieces together.	29.190,63	478,13
25.605.1300	SAUCE BAIN-MARIE (Unit: Pieces)		
25.605.1301	Hot Water Bath for Sauce, electrically powered Supply and installation of the hot water bath, minimum 3 kW power, 800 x 900 x 850, 850 x 900 x 850 or 900 x 900 x 850 mm size, body AISI 304 Grade 18/8 Cr-Ni stainless steel sheet, other inner parts, pool part of stainless steel sheet and suitable for the placement of GN pots, with multi-stage thermostats and limit protected against temperature rises, main switch to control the power entry to the water bath or to cut the power, all electrical control equipment in accordance with the international standards. Note: The devices shall be manufactured in	56.968,75	518,75

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	compliance with the 2014/35/EU The Low Voltage Directive (LVD).		
25.605.1302	Hot Water Bath for Sauce, gas powered Supply and installation on site of a gas-powered hot water bath of minimum 4 kW capacity, in sizes 800×900×850, 850×900×850, or 900×900×850 mm, with body, internal parts and basin manufactured from AISI 304 grade 18/8 Cr-Ni stainless steel, suitable for gastronomic pots, equipped with a gas valve with safety device to automatically shut off gas if the flame is extinguished, pilot flame, thermostatic control for multi-stage temperature regulation, stainless steel tubular gas burner with automatic ignition button, operable with LPG or natural gas without modification, and complete with all gas control and safety components in compliance with international standards. Note: Compliance with the Gas Powered Devices Directive 2016/426/EU is required.	61.643,75	518,75
25.605.1400	Chilled Garnish Trays: (Unit: Qty.) External surfaces at least 0.60 mm, inner surfaces at least 0.50 mm, the bottom of the inner surface at least 0.50 mm thick, stainless sheet and the bottom of the inner surface corners are TIG welded for tightness, (CFC-free) polyurethane of 40-45 kg/m ³ density injected between the internal-external walls to obtain a mono block body, a thermostat with multistage temperature adjustment, on/off switch, temperature indicator for the internal temperature, sufficient amount of air louver must be present next to the refrigerator to provide air circulation at +32 °C outer temperature and 65% relative humidity, compressor and the fan/condensed group shall be protected in order not to be exposed to any damage, CFC free refrigerant shall be used in the cooling group and any protection shall be provided. Height adjustment components with automatic defrosting (ball joint) shall be available. Table type refrigerators: The supply, installation and operation at the work site of chilled garnish trays, internal temperature between -2/+ 8 °C, cooling system of static type, insulation thickness of at least 50 mm, the number of tubs and the approximate dimensions as given below.		
25.605.1401	4 GN 1/3 tub, at least 33 L, stainless steel cover	56.000,00	3.750,00
25.605.1402	4 GN 1/3 tub, at least 33 L, at least 15 cm height for the three top edges, glass	60.725,00	3.750,00
25.605.1403	5 GN 1/3 tub, at least 41 L, stainless steel cover	63.250,00	4.500,00
25.605.1404	5 GN 1/3 tub, at least 41 L, at least 15 cm height for the three top edges, glass	65.437,50	4.500,00
25.605.1405	7 GN 1/3 tub, at least 58 L, stainless steel cover	70.450,00	5.250,00
25.605.1406	7 GN 1/3 tub, at least 58 L, at least 15 cm height for the three top edges, glass	79.712,50	5.250,00
25.605.1407	10 GN 1/3 tub, at least 83 L, stainless steel cover	97.987,50	6.000,00
25.605.1408	10 GN 1/3 tub, at least 83 L, at least 15 cm height for the three top edges, glass	114.437,50	6.000,00
25.605.1409	4 GN 1/4 tub, at least 24 L, stainless steel cover	49.125,00	3.750,00
25.605.1410	4 GN 1/4 tub, at least 24 L, at least 15 cm height for the three top edges, glass	54.112,50	3.750,00
25.605.1411	5 GN 1/4 tub, at least 29 L, stainless steel cover	58.650,00	4.500,00
25.605.1412	5 GN 1/4 tub, at least 29 L, at least 15 cm height for the three top edges, glass	65.137,50	4.500,00
25.605.1413	7 GN 1/4 tub, at least 42 L, stainless steel cover	73.012,50	5.250,00
25.605.1414	7 GN 1/4 tub, at least 42 L, at least 15 cm height for the three top edges, glass	79.700,00	5.250,00
25.605.1415	10 GN 1/4 tub, at least 60 L, stainless steel cover	101.162,50	6.000,00
25.605.1416	10 GN 1/4 tub, at least 60 L, at least 15 cm height for the three top edges, glass	111.062,50	6.000,00
25.607.1000	DOUGH KNEADING MACHINE : (Unit: Qty.) The supply, installation and commissioning of the machine with the total capacity specified below for the kneading of different types of doughs, with a protective lid on top, frame made of steel, wear and corrosion resistant, painted, the pot and the mixer made of AISI 304 Grade Cr-Ni material, monolithic in order to provide hygiene, the mixer with approximately 50 and 100 RPM double speed, gearbox and the motor coupled to each other, speed of the pot 15 RPM, with safety switch, with cage, the legs shall be in a way to prevent vibration and to work quietly and without vibration, the electrical panel to be provided with thermal and automatic fuse mounted on the machine against overload, to work at 380 V - 50 Hz electricity. Note: The devices shall be manufactured in compliance with the 2014/35/EU The Low Voltage Directive (LVD). Mixing Mot. (kW)		
25.607.1001	20 kg/round capacity; 0.4-0.7 (minimum)	50.631,25	1.368,75

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.607.1002	30 kg/round capacity; 0.6-0.9 (minimum)	54.378,13	1.640,63
25.607.1003	40 kg/round capacity; 0.8-1.4 (minimum)	61.159,38	1.846,88
25.607.1004	50 kg/round capacity; 1.0-1.6 (minimum)	66.443,75	2.118,75
25.607.1005	60 kg/round capacity; 1.2-2.1 (minimum)	82.650,00	2.325,00
25.607.2000	Potato Peeling Machine (Unit: Pieces) The supply and installation of the potato peeling machine with potato or similar food peeling capacity, at least 0.37 kW electric motor, at least 38 cm. diameter and 35 cm. deep galvanized or chrome peeling pot, on the inner surface of the peeling pot silicon carbide coated or grater shaped 18/8 stainless steel stripping liner and interchangeable silicon carbide coated peel disc, hinged front cover, mobile top cover and water spray nozzle. Note: Electrically operated devices shall be manufactured in accordance with the 73/23/EEC Low Voltage Directive issued by the Ministry of Industry and Trade and published on 11.January.2002 with number 24637. (he electrical panel and the power cable are not included in the description)		
25.607.2001	10 kg/run	43.293,75	1.631,25
25.607.2002	20 kg/run	60.331,25	1.631,25
25.607.2003	30 kg/run	79.806,25	1.631,25
25.607.3000	MEAT GRINDER: (TS 746) (Unit: Qty.) The supply and installation of the meat grinder with steel gear, gearbox with roller bearings and switch for back and forth rotations, with the cable at the required length and cross-section, body and neck made of AISI 304 Grade Cr-Ni material, enclosed in a casing. Note: Shall be manufactured in compliance with the regulation 2014/35/EC on electrical equipment designed for use within certain voltage limits and machine safety regulation (2006/42/EC)		
25.607.3001	200 kg/h meat grinding capacity	33.075,00	750,00
25.607.3002	400 kg/h meat grinding capacity	45.825,00	825,00
25.607.3003	With 500 kg/h meat grinding capacity	54.846,25	858,75
25.607.3004	With 600 kg/h meat grinding capacity	63.650,63	913,13
25.607.3100	Meat Grinder, Stainless Steel, Cooling Type (Unit: Qty.) With AISI 304 stainless steel body, spiral, neck and neck nut, meat chamber cooling function, cooling unit with digital controller, and hand guard for safety. Bearing a CE marking.		
25.607.3101	With cooling and 400 kg/h meat grinding capacity	67.971,25	858,75
25.607.3102	With cooling and 600 kg/h meat grinding capacity	77.771,25	858,75
25.607.4000	BREAD SLICING MACHINE: (Unit: Pieces) Approx. 60 x 70 x 105 cm in size, 220 Volt AC, 50 Hz. The supply and installation of the bread slicing machine, power supply from the network, 0.8 kW, driven by 1,400 RPM single phase motor, 10-15 mm thick slicing, 32 stainless steel blades; the surfaces coming into contact with bread to be made of AISI 304 Grade Cr-Ni, working automatically by pulling the lever, maximum 50 cm size bread entry, with crumb pot, body made of 5 mm thick sheet metal, oven painted, cast iron wheels. The electrical devices shall be manufactured in compliance with the regulation 2014/35/EC on electrical equipment for use within certain voltage limits.	60.771,88	259,38
25.610.1000	FRYERS: Unit: Qty.:		
25.610.1100	Electric Fryer: The supply and installation of the electric fryer for frying various foods in oil and in a short time, made of AISI 304 Grade 18/8 Cr-Ni material, of 85 °Cm. height, oil container with cold storage, single or double frying baskets with bottom lid, bottom discharge or front drainage system and oil collection container, pilot lamp, thermostat, oil drain tap and baskets suitable for frying and hygiene conditions, handle protected against heating, thermostat with 100-180 °C temperature control, each of the basins are used independently with a separate control system, thermostat tips in contact with oil are of Cr-Ni, fitted with a ball valve at front or at the side to drain the oil, for the multi-purpose use fits under the cupboard or mounted on a carcass for middle group applications, having a main switch and a limit safety thermostat to cut-off the power in case of danger on the device, all electrical control equipment in accordance with the international standards, having height adjustment components. Note: The devices shall be manufactured in compliance with the 2014/35/EU The Low		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	Voltage Directive (LVD).		
25.610.1101	12 L, at least 40x70x85 cm, at least 10 kW	49.456,25	518,75
25.610.1102	18 L, at least 40x90x85 cm, at least 16 kW	50.481,25	518,75
25.610.1103	24 L, at least 80x70x85 cm, at least 21 kW	68.243,75	518,75
25.610.1104	36 L, at least 80x90x85 cm, at least 33 kW	85.456,25	518,75
25.610.2000	OVENS: (Unit: Pieces)		
25.610.2100	ELECTRIC CONVECTION OVEN:(Unit: Qty.) Made of AISI 304 Grade 18/8 Cr-Ni stainless steel , manual or automatic humidification, adjustable cooking time and digital display between 0 C - 300 C, shall be insulated with specially produced, at least 30 mm thick white ceramic or rock wool having a density of at least 50 kg/m³. Double-stage door lock system, with interior lighting, insulated, tempered, double-glazed, temperature time program indicator, sensor system to stop the fan when the door is opened, 2-speed stainless steel fan, equal heat distribution with double-direction fan with. Note: The devices shall be manufactured in compliance with the 2014/35/EU The Low Voltage Directive (LVD).		
25.610.2101	6 GN 1/1 tray and min. 8 kW thermal capacity (including a bottom stand with tray rails and 4-cm-deep trays)	117.706,25	1.706,25
25.610.2102	10 GN 1/1 tray and min. 12 kW thermal capacity (including a bottom stand with tray rails and 4-cm-deep trays)	125.203,13	1.978,13
25.610.2103	10 GN 2/1 tray and min. 16 kW thermal capacity (including a bottom stand with tray rails and 4-cm-deep trays)	138.331,25	2.456,25
25.610.2104	20 GN 2/1 tray and min. 32 kW thermal capacity (including a cooker car kit and 4-cm-deep trays)	223.125,00	3.000,00
25.610.2200	GAS CONVECTION OVEN:(Unit: Qty.) Made of AISI 304 Grade 18/8 Cr-Ni material, manual or automatic humidification, shall be insulated with at least 30 mm thick white rock wool or white ceramic wool having a density of at least 50 kg/m³. Double-stage door lock system cutting-off the gas when the flame goes off, with interior lighting, insulated, tempered, double-glazed, temperature time program indicator, sensor system to stop the fan when the door is opened, 2-speed stainless steel fan, equal heat distribution with double-direction fan with. Note: In accordance with the Directive 2016/426/EU on gas burning devices, released to the market with a CE compliance marking. (including a bottom stand with tray rails and 4-cm-deep trays)		
25.610.2201	6 GN 1/1 tray and min. 8 kW thermal capacity (including a bottom stand with tray rails and 4-cm-deep trays)	139.331,25	1.706,25
25.610.2202	10 GN 1/1 tray and min. 12 kW thermal capacity (including a bottom stand with tray rails and 4-cm-deep trays)	155.228,13	1.978,13
25.610.2203	20 GN 1/1 tray and min. 16 kW thermal capacity (including a bottom stand with tray rails and 4-cm-deep trays)	162.206,25	2.456,25
25.610.2204	40 GN 1/1 tray and min. 32 kW thermal capacity (including a cooker car kit and 4-cm-deep trays)	245.125,00	3.000,00
25.610.2300	ELECTRIC COMBI OVEN: (Unit: Qty.) Shall be made of stainless steel, with folding inner glass and double glass resistant to high temperatures. There shall be a folding control panel with ceramic or rock wool insulation material for minimizing heat loss with at least 50 kg/m³ density, allowing preliminary maintenance and inspection. There shall be durable and high-quality resistors. There shall be a special weatherstrip that prevents heat loss. There shall be a bidirectional rotating stainless steel fan providing homogeneous heat distribution inside the cabin. Fan speed control shall consist of at least 4 stages. There shall be an audible warning system. There shall be a cabin and boiler safety thermostat. There shall be height-adjustable rollers. There shall be a manual steam injection system. The desired program values shall be quickly adjustable with the rotating adjustment button. All functions shall be digitally controlled. Cooking time shall be adjustable up to at least 120 minutes. There shall be a preheating function for more efficient cooking. There shall be a rapid cooling system. There shall be at least 50 recipes. It shall be possible to set a cooking program of at least 5 steps. There shall be at least 100 cooking cycles for recording. There shall be a time-independent cooking function with core temperature measured from at least 4 points (meat thermometer). There shall be a boiler maintenance and cleaning program with at least 3 different washing programs. A manual cabin washing spray shall be available. In case of unusual stoppages, washing shall continue from where it left off. There shall be a door switch that stops cooking and washing. There shall be a lighting system inside the oven. There shall be a digitally-controlled user panel or touch screen with 7 segments. There shall be at least 3 different cooking options. (Steam mode at least 20 °C - at least 110 °C) (Combi mode 0 °C - at least 250 °C) (Convection mode 0 °C - at least 285 °C). There shall be a drainage system with an automatic opening		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	and closing feature. There shall be an error warning system. (High temperature, low water level, etc.) There shall be a steam generator with an automatic filling system. There shall be a steam condensation system. Note: The devices shall be manufactured in compliance with the 2014/35/EU The Low Voltage Directive (LVD).		
25.610.2301	10 GN 1/1 tray, at least 18 kW electrical power, at least 16 kW steam power (including a bottom stand with tray rails and 4-cm-deep trays)	449.750,00	3.000,00
25.610.2302	20 GN 1/1 tray, at least 25 kW electrical power, at least 16 kW steam power (including a bottom stand with tray rails and 4-cm-deep trays)	477.375,00	3.750,00
25.610.2303	40 GN 1/1 tray, at least 50 kW electrical power, at least 32 kW steam power (including a cooker car kit and 4-cm-deep trays)	736.125,00	4.500,00
25.610.2400	GAS COMBI OVEN: (Unit: Qty.) Shall be made of stainless steel, with folding inner glass and double glass resistant to high temperatures. There shall be a folding control panel with ceramic or rock wool insulation material for minimizing heat loss with at least 50 kg/m ³ density, allowing preliminary maintenance and inspection. There shall be durable and high-quality resistors. There shall be a special weatherstrip that prevents heat loss. There shall be a bidirectional rotating stainless steel fan providing homogeneous heat distribution inside the cabin. Fan speed control shall consist of at least 4 stages. There shall be an audible warning system. There shall be a cabin and boiler safety thermostat. There shall be height-adjustable rollers. There shall be a manual steam injection system. The desired program values shall be quickly adjustable with the rotating adjustment button. All functions shall be digitally controlled. Cooking time shall be adjustable up to at least 120 minutes. There shall be a preheating function for more efficient cooking. There shall be a rapid cooling system. There shall be at least 50 recipes. It shall be possible to set a cooking program of at least 5 steps. There shall be at least 100 cooking cycles for recording. There shall be a time-independent cooking function with core temperature measured from at least 4 points (meat thermometer). There shall be a boiler maintenance and cleaning program with at least 3 different washing programs. A manual cabin washing spray shall be available. In case of unusual stoppages, washing shall continue from where it left off. There shall be a door switch that stops cooking and washing. There shall be a lighting system inside the oven. It shall operate with natural gas and LPG. There shall be low-emission, high-efficiency burners (Premix combustion). The gas valve shall have an electronic ignition device and a safety system that automatically cuts off the gas in case the flame goes out. There shall be a digitally-controlled user panel or touch screen with 7 segments. There shall be at least 3 different cooking options. (Steam mode at least 20 °C - at least 110 °C) (Combi mode 0 °C - at least 250 °C) (Convection mode 0 °C - at least 285 °C) There shall be a drainage system with an automatic opening and closing feature. There shall be an error warning system. (High temperature, low water level, etc.) There shall be a steam generator with an automatic filling system. There shall be a steam condensation system. Note: In accordance with the Directive 2016/426/EU on gas burning devices, released to the market with a CE compliance marking.		
25.610.2401	10 GN 1/1 tray, at least 14 kW heating power, at least 14 kW steam power (including a bottom stand with tray rails and 4-cm-deep trays)	468.000,00	3.000,00
25.610.2402	20 GN 1/1 tray, at least 24 kW heating power, at least 20 kW steam power (including a bottom stand with tray rails and 4-cm-deep trays)	521.750,00	3.750,00
25.610.2403	40 GN 1/1 tray, at least 48 kW heating power, at least 27 kW steam power (including a cooker car kit and 4-cm-deep trays)	752.875,00	4.500,00
25.610.3000	GRILLS: Unit: Qty.:		
25.610.3100	Grill (gas powered); (Unit: Qty.) The supply and installation of the grill with the body made of AISI 304 Grade 18\8 Cr-Ni stainless steel sheet metal, with oil collecting channel and a drain in front of the other frying surface, collecting the oil on the surface into a stainless steel drawer, cleanable, stainless steel panels on three sides to prevent splashing of the oil, frying surface independently controlled with two separate control system, gas taps, pilot flame, minimum-maximum flaming and thermocouple safety valve in the structure that will cut off the gas automatically when the flame goes off, gas burner in the form of pipe and all gas operated, automatic ignition pushbuttons, all operating with LPG or natural gas and transformed without any modification, gas control equipment in compliance with the international standards. Note: In accordance with the Directive (90/316/EC) Appliances Burning Gaseous Fuels in the Official Gazettes dated 01.April.2002 number 24713 and dated 19.March.2003 number 25053 by the Ministry of Industry and Trade.		

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25.610.3101	40x70 at least 5 KW	26.206,25	568,75
25.610.3102	40 x 90 at least 6 KW	31.118,75	568,75
25.610.3103	80 x 70 at least 10 KW	41.362,50	775,00
25.610.3104	80 x 90 at least 12 KW	48.675,00	775,00
25.610.3200	FLOOR TYPE COOKER: Unit: Qty.: The supply, installation and delivery in working order of the cooker with 1.5 mm thick AISI 304 Grade 18/8 Cr-Ni stainless steel carrier body with oil sump or overflow pot, heat capacity 19-24 kW, double sided, with two control systems, upper plates for LPG or natural gas, made of heavy duty cast iron, with safety device to cut off the gas in case the flame goes off. Note: In accordance with the Directive (90/316/EC) Appliances Burning Gaseous Fuels in the Official Gazettes dated 01.April.2002 number 24713 and dated 19.March.2003 number 25053 by the Ministry of Industry and Trade.		
25.610.3201	600 x 700 x 500 mm sized	17.562,50	725,00
25.610.3202	600 x 800 x 500 mm dimensions	20.687,50	725,00
25.610.3210	700 x 850 x 500 mm floor-type cooker with 4 burners 32 kW total power, 4 burners, entirely made of AISI 304 stainless steel, with safety valve, tap, burner with high efficiency and low gas emission, 10-kW internal burners, 11-kW middle and external burners, pig-cast cooking ranges, running on LPG and natural gas. Bearing a CE marking.	26.525,00	750,00
25.610.3300	Kitchen Stove; (electrically powered): Unit: Pieces The supply and installation of the kitchen stove with at least 4 square or circular plates, AISI 304 Grade 18/8 Cr-Ni stainless steel, all metal sheets invisible from the outside of aluminized sheet, plates operated with at least two stage switches separately in different positions, all electrical control equipment including cooker plates to comply with the international standards. Note: The devices shall be manufactured in compliance with the regulation 2014/35/EC on electrical equipment for use within certain voltage limits.		
25.610.3301	800x700x850 at least 10 kW	47.661,23	2.886,23
25.610.3302	800x900x850 at least 16 kW	65.658,10	3.158,10
25.610.3303	800x700x850 at least 15 kW (with oven)	62.648,73	2.886,23
25.610.3304	800x900x850, at least 21 kW (with oven)	81.233,10	3.158,10
25.610.3400	Kitchen Stove (gas powered): Unit: Qty The supply and installation of the kitchen stove made of AISI 304 Grade 18/8 Cr-Ni material, LPG or natural gas powered and transformed without any modification, gas taps, pilot flame, minimum-maximum flame and a safety valve to automatically cut off the gas in case the flame goes off, the burners to work at the same capacity with all the gases, pilot burner and thermocouple for each burner and enamel coated oil collecting trays under the burners, all gas control devices to comply with the international standards. Note: Compliance with the Gas Powered Devices Directive 2016/426/EU is required.		
25.610.3401	800x700x850 at least 15 kW	53.186,23	2.886,23
25.610.3402	800x900x850 at least 25 kW	57.395,60	3.158,10
25.610.3403	1000x1000x850 at least 35 kW	59.354,98	3.429,98
25.610.3404	1500x1000x850 at least 45 kW	66.195,60	3.908,10
25.610.3405	2000x1000x850 at least 65 kW	75.842,48	4.179,98
25.610.3406	800x700x850 at least 15 kW (with oven)	67.936,23	2.886,23
25.610.3407	800x900x850 at least 25 kW (with oven)	74.508,10	3.158,10
25.610.3408	1000x1000x850 at least 35 kW, with oven	75.579,98	3.429,98
25.610.3409	1500x1000x850 at least 45 kW, with oven	79.883,10	3.908,10
25.610.3410	2000x1000x850 at least 58 kW, with oven	95.217,48	4.179,98
25.615.1000	DISHWASHERS: Unit: Pieces Note: Shall be manufactured in compliance with the 2014/35/EU The Low Voltage Directive (LVD) and Directive (2006/42/EC) Machinery.		
25.615.1100	500 Plate/Hour Capacity, Fully Automated Dishwasher For each period (per hour) with 40 pieces 50 x 50 cm. washing basket (cassette) and nominal (maximum theoretically) to take 500 plates or 200 self-service trays washing capacity,	50.359,94	3.184,94

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	working at 2-4 bar pressure, whole body and the boiler made of AISI 304 Grade 18/8 Cr-Ni material, having at least 3 different programs, pump motor power of at least 450 Watt, supplied with at least 1,500 Watt stainless steel tank heater and at least 4,500 Watt stainless steel heating tank, 220 Volts or 380 Volts, 50 Hz. The supply, installation and delivery in working order of the dishwasher with electric panel, which allows the automatic operation of the machine to be mounted on the machine and fed from the electrical network, machine including the strainer, suction filter and overflow drain systems and the check valve at the inlet of the mains water, washing water at 50 °C, the rinsing water at 85 °C temperature, door with safety switch, a plate basket, a fork-spoon basket and a cup basket made of detergent-resistant plastic.		
25.615.1200	1000 Plate/Hour Capacity, Fully Automated Dishwasher For each period (per hour) with 65 pieces 50 x 50 cm. washing basket (cassette) and nominal (maximum theoretically) to take 1,000 plates or 400 self-service trays washing capacity, working at 2-4 bar pressure, whole body and the boiler made of AISI 304 Grade 18/8 Cr-Ni material, having at least 3 different programs, pump motor power of at least 600 Watts, supplied with at least 2,000 Watts stainless steel tank heater and at least 6,000 Watts stainless steel heating tank, 220 Volts or 380 Volts, 50 Hz. The supply, installation and delivery in working order of the dishwasher with electric panel, which allows the automatic operation of the machine to be mounted on the machine and fed from the electrical network, machine including the strainer, suction filter and overflow drain systems and the check valve at the inlet of the mains water, washing water at 50 °C, the rinsing water at 85 °C temperature, door with safety switch, a plate basket, a fork-spoon basket and a cup basket made of detergent-resistant plastic.	72.101,13	5.338,63
25.615.1300	2000 Plate/Hour Capacity, Fully Automated Dishwasher With Drying Tunnel (Without Prewash) For each period (per hour) with 130 pieces 50 x 50 cm. washing basket (cassette) and nominal (maximum theoretically) to take 2,000 plates or 800 self-service trays washing capacity, automated running and thermostatic controlled, the baskets moving back and forth on a stainless steel conveyor inside the machine and passing through washing, rinsing and drying compartments, whole body and the boiler made of Grade 18/8 Cr-Ni stainless steel. The washing system, washing arms, rinsing arms, spray nozzles and crumb strainers shall be made of corrosion-, detergent- and hot-water-resistant plastic material or 18/8 Cr-Ni stainless steel, washing pump made of corrosion- and detergent-resistant plastic material and will be coupled directly to the motor and will run silently, pump motor power shall be at least 1,500 Watts, prewashing tank shall be of at least 50 L volume and prewash water shall be at 35-40 °C temperature, the washing tank shall be furnished with at least 6,000 Watts stainless heaters supplying water at 50-55 °C temperature with a minimum of 70 L volume, washing is arranged in such a way that clean washing is made with the arms mounted to the bottom and to the top in the closed cabin, there shall be a door in front of the machine for control and cleaning, the rinsing shall be made by pulverizing of the water at 80-85 °C temperature obtained from a 12-L hot water tank with a at least 12,000 Watts stainless steel heater, the machine shall be designed to work when the basket is in the machine, crumb strainers shall be placed in the prewashing and washing compartments to minimize the water pollution, a suction filter shall be placed on the pump suction line to arrest the contaminants passing through the strainer and overflow drainage systems shall be present, the conveyor shall be driven by a gearbox+motor group with 370 Watts power and 2 different speed levels, the nominal machine capacity shall be obtained at the lowest speed level. The feed water to the machine shall be at maximum 7Fr hardness, 2-4 bar pressure and 45-50 °C temperature, 380 Volts, 50Hz. The supply, installation and delivery in working order of the dishwasher with electric panel, which allows the automatic operation of the machine to be mounted on the machine and fed from the electrical network, height adjustable legs, door safety and conveyor switches, heat and detergent resistant, three plate baskets, a fork-spoon basket and a cup basket made of detergent resistant plastic or plastic covered steel mesh. The fan used in the 5 kW heater of the drying tunnel shall have a blown, vented, drying system with a motor of at least 500 watts.	238.492,31	7.492,31
25.615.1400	2000 Plate/Hour Capacity, Fully Automated Dishwasher With Drying Tunnel (With Prewash) Fully automated dishwasher with prewash, drying tunnel, other features as defined in 25.615.1300.	268.617,31	7.492,31
25.617.1000	EXTRACTION HOOD: (Unit: m²)		
25.617.1100	EXTRACTION HOOD, without filter (Made of Stainless Steel) AISI 304 Grade 18/8 Cr-Ni: (Unit: m²): All to be made AISI 304 of 18/8 Cr/Ni stainless steel with 1 mm wall thickness, corner joints are made with Argon arc welding, welding places are to be cleaned in a way that there is no	16.757,50	4.500,00

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	trace left, there shall be oil duct and a ball valve to take the oil. Supply and installation in one piece or by piecing together modular parts of hood to the ceiling with steel dowels and plastic coated steel hanger ropes or corrosion-resistant chains, hood to be delivered with the duct connections made. Note: Based on the approved project design, the extraction hood shall be 50 cm high.		
25.617.1200	EXTRACTION HOOD, with filter (Made of Stainless Steel) AISI 304 Grade 18/8 Cr-Ni: (Unit: m²): Installation of the extraction hood containing flame arrestor filters. Other features are as in the item 25.617.1100.	18.150,00	4.500,00
25.620.1200	OIL SEPARATORS, AISI 304 Grade 18/8 Cr-Ni (Unit: Qty.): The supply and delivery in working order of oil separators in compliance with TS EN 1825-1, according to the technical datasheets and to the approved design, made of stainless steel material, corner joints made with Argon arc welding, welding places are to be cleaned in a way that there is no trace left, at the required size (according to the approved design), in places where there is no risk of frost exists suitable for use on the floor (indoor), with integrated sludge and particle retainer, with a valve for quick and easy opening and closing, odorless and leak-proof stainless steel lid. Capacity (L/s) Wall thickness (mm) Oil volume (L) Minimum size (mm)		
25.620.1201	1 / min.1,5 / 47 880x510x490	31.825,00	2.250,00
25.620.1202	2 / min.1,5 / 80 1190x660x710	39.375,00	3.000,00
25.620.1203	3 / min.1,5 / 135 1250x850x970	60.387,50	3.750,00
25.620.1204	4 / min.2 / 160 1580x910x1030	75.900,00	4.500,00
25.620.1205	7 / min.3 / 350 2000x1000x1300	105.262,50	5.250,00
25.620.1206	10 / min.3 / 500 2500x1430x1300	141.500,00	6.000,00
25.620.2000	The cost to be added to pos. 25.620.1200 in case of using a solid waste oil separator with automatic unloading (electrical control panel, motor with gearbox, electrical heater)	53.237,50	
25.622.1000	REFRIGERATORS: (Unit: Pieces:) Note: Shall be manufactured in compliance with the 2014/35/EU The Low Voltage Directive (LVD) and Directive (2006/42/EC) Machinery		
25.622.1100	SHOWCASE TYPE REFRIGERATORS: (TS EN ISO 23953-2) (Unit: Qty.) Supply and installation on site of the show case type refrigerators, useful capacity and engine power are given as follows: Doors and housing are double-walled, 304 grade 18/8 Cr-Ni stainless steel interior and exterior, two-wall polyurethane-insulated, glasses of 4 mm thickness each, double glazing, leak-proof, 304 grade 18/8 Cr-Ni frame with adequate amount of stainless steel wire or glass shelves, with interior lighting.		
25.622.1101	1000x700x1350 mm	74.912,50	1.500,00
25.622.1102	1200x700x1350 mm	78.400,00	1.725,00
25.622.1103	1400x700x1350 mm	81.650,00	2.025,00
25.622.1104	1600x700x1350 mm	84.850,00	2.025,00
25.622.1105	1800x700x1350 mm	91.525,00	2.250,00
25.622.1106	2000x700x1350 mm	94.062,50	2.250,00
25.622.1107	2400x700x1350 mm	103.212,50	2.250,00
25.622.1200	WAREHOUSE-TYPE REFRIGERATORS: (Unit: Qty.) External surfaces at least 0.60 mm, inner surfaces at least 0.50 mm, the bottom of the inner surface at least 0.50 mm thick, stainless steel sheet and the bottom of the inner surface sealed, (CFC-free) polyurethane of 40-45 kg/m³ density injected between the internal-external walls to obtain a mono block body, the doors are fitted with a magnetic or cushion-type gasket, the height adjustable side rails and plastic coated at least three stainless steel shelves have to exist, a thermostat with multistage temperature adjustment, on/off switch, temperature indicator for the internal temperature, sufficient amount of air louver must be present under the refrigerator to provide air circulation at +43 °C outer temperature and 65% relative humidity, the fan/condensed group should be protected in order not be exposed to any damage, CFC free refrigerant should be used in the cooling group and any protection should be provided. Warehouse- type Refrigerators with 4 stainless steel, adjustable pedestals in the corners at the bottom, which shall be capable of automatic defrosting, and evaporating or discharging to the		

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	drainage the evaporator fluid: The supply and installation of a undercounter refrigerator, internal temperature between -2/+ 8 °C, cooling system of static or ventilator type, insulation thickness min. 50 mm, the number of doors and the approximate dimensions as given below. Effective Volume Tak Ekovat or Comp. Power		
25.622.1201	600 Liters at least 0.20 kW	60.375,00	1.500,00
25.622.1202	700 Liters at least 0.20 kW	63.675,00	1.500,00
25.622.1203	1200 Liters at least 0,5 kW	80.225,00	1.500,00
25.622.1204	1400 Liters at least 0,55 kW	87.450,00	1.500,00
25.622.1400	Table Type Refrigerators: (Unit: Qty.) External surfaces at least 0.60 mm, inner surfaces at least 0.50 mm, upper table at least 1.0 mm, the bottom of the inner surface at least 0.50 mm thick, stainless steel sheet and the bottom of the inner surface corners are TIG welded for tightness, (CFC-free) polyurethane of 40-45 kg/m³ density injected between the internal-external walls to obtain a mono block body, the doors are fitted with a magnetic or cushion-type gasket, the door dimensions shall be as to take GN 1/1 pots and height adjustable side rails and plastic coated at least two stainless steel shelves have to exist, a thermostat with multistage temperature adjustment, on/off switch, temperature indicator for the internal temperature, sufficient amount of air louver must be present under the refrigerator to provide air circulation at +32 °C outer temperature and 65% relative humidity, the fan/condensed group should be protected in order not be exposed to any damage, CFC free refrigerant should be used in the cooling group and any protection should be provided. Height adjustment components (ball joint) must be provided which can make automatic defrosting and which allow the evaporator water to evaporate or leave to drain must be provided in the lower corners of the cabinet which are made of hard plastic or rubber and can be mounted on the pipe or profile. Table type refrigerators: The supply and installation of a undercounter refrigerator, internal temperature between -2/+ 8 °C, cooling system of static or ventilator type, insulation thickness min. 50 mm, the number of doors and the approximate dimensions as given below.		
25.622.1401	2-door , min. 250 L	60.612,50	1.725,00
25.622.1402	3-door , min. 300 L	70.975,00	2.025,00
25.622.1403	4-door , min. 350 L	75.612,50	2.250,00
25.622.1500	Table Type Deep Freezer: (Unit: Qty.) The supply, installation and delivery in working order of the undercounter type deep freezer with digital thermostat control, -18/-22 C internal temperature, cooling system of static or ventilator type, electrical heaters to prevent the freezing of the door seals, automatic defrosting system, insulation thickness min. 50 mm, other features the same as in item 25.622.1400, the number of doors and approximate dimensions as given below.		
25.622.1501	2-door, min. 250 L	75.412,50	1.725,00
25.622.1502	3-door, min. 300 L	90.062,50	2.025,00
25.622.1503	4-door, min. 350 L	103.275,00	2.250,00
25.622.1600	Horizontal Type Stainless Steel Bottle Cooler Cabinets: (Unit: Qty.) External surfaces at least 0.60 mm, inner surfaces at least 0.50 mm, upper table at least 1.0 mm, the bottom of the inner surface at least 0.50 mm thick, stainless steel sheet and the bottom of the inner surface corners are TIG welded for tightness, (CFC-free) polyurethane of 40-45 kg/m³ density injected between the internal-external walls to obtain a mono block body, the doors are fitted with a magnetic or cushion-type gasket, height adjustable side rails and at least one plastic coated steel shelf have to exist, a thermostat with multistage temperature adjustment, on/off switch, temperature indicator for the internal temperature, sufficient amount of air louver must be present under the refrigerator to provide air circulation at +32 °C outer temperature and 65% relative humidity, the evaporator and the fan/condensed group shall be protected in order not be exposed to any damage, CFC free refrigerant shall be used in the cooling group and any protection shall be provided. Height adjustment components (ball joint) must be provided which can make automatic defrosting and which allow the evaporator water to evaporate or leave to drain must be provided in the lower corners of the cabinet which are made of hard plastic or rubber and can be mounted on the pipe or profile. Table type refrigerators: The supply and installation of a undercounter refrigerator, internal temperature		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	between -2/+ 8 °C, cooling system of static or ventilator type, insulation thickness min. 50 mm, the number of doors and the approximate dimensions as given below (as well as operation at the work site of horizontal type bottle cooler cabinets at least 90 cm high).		
25.622.1601	1 glass door, at least 180 L	56.200,00	2.250,00
25.622.1602	1 stainless steel door, at least 180 L	58.875,00	2.250,00
25.622.1603	2 glass doors, at least 200 L	61.237,50	2.250,00
25.622.1604	3 glass doors, at least 440 L	78.525,00	2.250,00
25.625.1100	COLD STORAGE ROOM DOORS (Unit: Qty.) Supply and installation of cold storage room doors insulated with polyurethane with 40 kg/m ³ density, equipped with a handle for opening the door from inside, and which can be installed with frames, or with or without sills. The doors shall be manufactured in compliance with TS EN 14509, the Regulation 305/2011/EU on Construction Products and released with a CE marking.		
25.625.1101	Cold storage room door (coated)	22.530,63	2.068,13
25.625.1102	304 Grade 18/8 Stainless steel-plate:	30.480,63	2.068,13
25.625.1103	Stainless steel-plated defrosting system (operating with 40 Volts) Minimum insulation thickness: 20 cm .	34.011,25	2.673,75
25.625.1200	8-cm-thick, PVC-paneled or Polyester-coated cold storage room doors		
25.625.1201	70 x 170 cm, clear transition	20.550,63	1.775,63
25.625.1202	80 x 180 cm, clear transition	22.955,63	2.068,13
25.625.1203	90 x 190 cm, clear transition	24.318,13	2.068,13
25.625.1204	100 x 200 cm, clear transition	26.731,25	2.381,25
25.625.1205	110 x 200 cm, clear transition	27.661,25	2.673,75
25.625.1206	120 x 200 cm, clear transition	30.598,75	2.673,75
25.625.1207	130 x 200 cm, clear transition	31.366,25	2.966,25
25.625.1300	8-cm-thick, 304 grade 18/8 chrome-plated cold storage room doors Unit prices including installation as per 25.625.1200 shall be raised by 20%.		
25.625.1400	12-cm-thick, PVC-paneled or Polyester-coated cold storage room doors		
25.625.1401	70 x 170 cm, clear transition	22.455,63	2.068,13
25.625.1402	80 x 180 cm, clear transition	24.531,25	2.381,25
25.625.1403	90 x 190 cm, clear transition	25.611,25	2.673,75
25.625.1404	100 x 200 cm, clear transition	28.478,75	2.966,25
25.625.1405	110 x 200 cm, clear transition	30.433,75	3.258,75
25.625.1406	120 x 200 cm, clear transition	33.871,88	3.571,88
25.625.1407	130 x 200 cm, clear transition	35.021,88	3.571,88
25.625.1500	12-cm-thick, 304 grade 18/8 chrome-plated cold storage room doors Unit prices including installation as per 25.625.1400 shall be raised by 20%.		
25.625.2000	Modular Cold Chamber Panels (Unit: m²) Supply to the work site and installation of modular cold chamber panels with polyurethane insulation between galvanized sheet metal coated with 0.50-0.55-mm hygienic material on both sides, 40 to 42-kg/m ³ polyurethane used as insulation material, with polyurethane panels equipped with a locking mechanism with an eccentric hook to allow assembly and disassembly, where the heat transmission coefficient of polyurethane used for panel insulation is $k = 0.22 \text{ kcal}/(\text{hm}^2 \cdot ^\circ\text{C})$ and which shall be self-extinguishing as per the international standards. The panels shall be TSEK- or TSE-certified, manufactured in compliance with the Regulation 305/2011/EU on Construction Products, and bear a CE compliance marking.		
25.625.2100	Wall panel with both surfaces PVC paneled or coated with Polyester paint		
25.625.2101	8-cm-thick, m ²	3.260,00	292,50
25.625.2102	12-cm-thick, m ²	3.662,50	292,50
25.625.2200	Wall panel with both sides 304 grade 18/8 chrome-plated		
25.625.2201	8-cm-thick, m ²	5.017,50	585,00

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.625.2202	12-cm-thick, m ²	5.360,00	585,00
25.625.2300	Ceiling panel with both surfaces PVC paneled or coated with Polyester paint		
25.625.2301	8-cm-thick	3.262,50	292,50
25.625.2302	12-cm-thick	3.661,25	292,50
25.625.2400	Ceiling panel with both sides 304 grade 18/8 chrome-plated		
25.625.2401	8-cm-thick	4.882,50	585,00
25.625.2402	12-cm-thick	5.500,00	585,00
25.625.2500	Flooring panel with the interior surface paneled with plywood		
25.625.2501	8-cm-thick	3.153,75	292,50
25.625.2502	12-cm-thick	4.147,50	585,00
25.625.2600	304 grade 18/8 chrome-plated interior surface with flooring panel		
25.625.2601	8-cm-thick	4.252,50	292,50
25.625.2602	12-cm-thick	4.827,50	585,00
25.625.3000	Polyisocyanurate (PIR) insulated cold chamber panels (TS EN 14509) Panels with both surfaces 0.60 mm thick, coated with hygienic material, and polyisocyanurate between sheets of galvanized metal (Fire Reaction: min. B S2 d0, Polyisocyanurate density: min. 38-42 kg/m ³ , Sheet metal yield strength: min. 220 N/m ² , made of min. 125 g/m ² galvanized sheet metal, exterior surface coated with 20 microns of polyester finish on 5 microns of epoxy primer (factory-coated with roller painting system), surfaces exposed to polyisocyanurate shall be coated with 5 microns of epoxy primer), with eccentric hook locking mechanism which can be assembled and disassembled, max. heat transmission coefficient (TS EN 12667) of $\lambda=0.022$ W/m.K. The panels shall be manufactured as per TS EN 14509, compliant with Regulation 305/2011/EU on Construction Products, and released with the CE marking.		
25.625.3100	Both surfaces coated with polyester paint		
25.625.3101	With 80-mm filling	2.686,25	585,00
25.625.3102	With 100-mm filling	2.882,50	585,00
25.625.3103	With 120-mm filling	2.902,50	585,00
25.625.3104	With 150-mm filling	3.471,25	585,00
25.625.3105	With 200-mm filling	3.986,25	585,00
25.625.3200	Both surfaces paneled with PVC laminated sheet metal		
25.625.3201	With 80-mm filling	3.168,75	585,00
25.625.3202	With 100-mm filling	3.583,75	585,00
25.625.3203	With 120-mm filling	3.823,75	585,00
25.625.3204	With 150-mm filling	4.165,00	585,00
25.625.3205	With 200-mm filling	4.301,25	585,00
25.625.3300	Both sides 304 grade 18/8 chrome plated		
25.625.3301	With 80-mm filling	4.757,50	585,00
25.625.3302	With 100-mm filling	4.960,00	585,00
25.625.3303	With 120-mm filling	5.336,25	585,00
25.625.3304	With 150-mm filling	5.578,75	585,00
25.625.3305	With 200-mm filling	6.050,00	585,00
25.625.3400	One surface coated with polyester paint, and the other plated with chrome		
25.625.3401	With 80-mm filling	3.668,75	585,00
25.625.3402	With 100-mm filling	4.237,50	585,00
25.625.3403	With 120-mm filling	4.478,75	585,00
25.625.3404	With 150-mm filling	4.765,00	585,00
25.625.3405	With 200-mm filling	4.913,75	585,00
25.625.3500	One surface coated with polyester paint, and the other surface PVC-paneled		
25.625.3501	With 80-mm filling	2.968,75	585,00
25.625.3502	With 100-mm filling	3.412,50	585,00

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.625.3503	With 120-mm filling	3.683,75	585,00
25.625.3504	With 150-mm filling	3.887,50	585,00
25.625.3505	With 200-mm filling	3.930,00	585,00
25.625.3600	One surface Grade 304 18/8 chrome-plated, and the other surface PVC-paneled		
25.625.3601	With 80-mm filling	3.655,00	585,00
25.625.3602	With 100-mm filling	4.223,75	585,00
25.625.3603	With 120-mm filling	4.456,25	585,00
25.625.3604	With 150-mm filling	4.752,50	585,00
25.625.3605	With 200-mm filling	4.882,50	585,00
25.627.1000	MODULAR COLD ROOM DEVICE (Unit: Qty.) The cooling gas installation, electrical installation, electrical panel, control panel, compressor, condenser and fan motor shall be together in the condenser unit, paneled with a galvanized material coated with electrostatic paint to prevent visibility from outside; the external cabinets of the evaporator unit and the condenser unit shall be galvanized, visible surfaces shall be coated with electrostatic paint, and an air-cooled condenser shall be used in the modular cold storage device; the fin spacing shall be 6 to 8 mm for the evaporator and 2 to 3 mm for the condenser; the cold storage device shall be equipped with a digital cable remote control panel and the device shall operate with a programmable microprocessor; the cold storage device shall have an audiovisual alarm system which shall issue an alarm if the room temperature fails to reach a preset value; the cold storage device shall protect the system against obstructions and overpollution by turning the device off by a high-pressure switch, and warn the user; the capacities of condensers and evaporators shall be selected to be compatible with the capacities to be chosen; and TSE- or CE-certified modular type cold storage devices shall be supplied to the work site and installed in working order with the piping system, thermometers and coolant fluids.		
25.627.1100	Modular cold storage room device using R-404A gas in its cooling installation, operating at the temperature range of -5 / +5 °C, and equipped with a hermetically-sealed compressor (+45 °C condensation, -15 °C evaporation)		
25.627.1101	(1000 kcal/h)	99.356,25	7.143,75
25.627.1102	(1500 kcal/h)	110.249,38	9.211,88
25.627.1103	(2000 kcal/h)	118.010,00	10.110,00
25.627.1104	(2500 kcal/h)	133.075,63	11.300,63
25.627.1105	(3000 kcal/h)	142.783,75	12.783,75
25.627.1106	(3500 kcal/h)	161.974,38	13.974,38
25.627.1107	(4000 kcal/h)	188.478,13	15.478,13
25.627.1108	(4500 kcal/h)	204.855,63	16.355,63
25.627.1109	(5,000 kcal/h)	225.609,38	17.859,38
25.627.1110	(5500 kcal/h)	238.069,38	18.444,38
25.627.1111	(6000 kcal/h)	258.052,50	19.927,50
25.627.1112	(6500 kcal/h)	279.950,63	20.825,63
25.627.1113	(7000 kcal/h)	312.348,75	21.723,75
25.627.1114	(7500 kcal/h)	322.081,88	23.206,88
25.627.1115	(8,000 kcal/h)	347.571,25	27.071,25
25.627.1116	(8500 kcal/h)	366.636,88	28.261,88
25.627.1117	(9000 kcal/h)	382.327,50	29.452,50
25.627.1118	(9500 kcal/h)	402.933,13	30.058,13
25.627.1119	(10,000 kcal/h)	428.791,25	31.541,25
25.627.1120	(11,000 kcal/h)	445.837,50	33.337,50
25.627.1121	(12,000 kcal/h)	480.096,25	36.596,25
25.627.1122	(13,000 kcal/h)	495.250,63	39.875,63
25.627.1123	(14,000 kcal/h)	513.671,88	41.671,88
25.627.1124	(15,000 kcal/h)	545.072,50	43.447,50

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.627.1125	(20,000 kcal/h)	607.703,75	45.828,75
25.627.1126	(25,000 kcal/h)	683.281,25	59.531,25
25.627.1127	(30,000 kcal/h)	749.041,25	79.166,25
25.627.1128	(35,000 kcal/h)	828.791,25	79.166,25
25.627.1129	(40,000 kcal/h)	902.916,25	79.166,25
25.627.1130	(45,000 kcal/h)	949.166,25	79.166,25
25.627.1131	(50,000 kcal/h)	1.039.041,25	79.166,25
25.627.1200	Modular cold storage room device using R-404A gas in its cooling installation, operating at the temperature range of -5/+5 °C, and equipped with a semi-hermetically-sealed compressor (+45 °C condensation, -15 °C evaporation)		
25.627.1201	(1000 kcal/h)	147.770,63	30.058,13
25.627.1202	(1500 kcal/h)	155.683,13	30.058,13
25.627.1203	(2000 kcal/h)	171.558,13	30.058,13
25.627.1204	(2500 kcal/h)	180.808,13	30.058,13
25.627.1205	(3000 kcal/h)	189.683,13	30.058,13
25.627.1206	(3500 kcal/h)	205.308,13	30.058,13
25.627.1207	(4000 kcal/h)	228.058,13	30.058,13
25.627.1208	(4500 kcal/h)	242.558,13	30.058,13
25.627.1209	(5,000 kcal/h)	257.308,13	30.058,13
25.627.1210	(5500 kcal/h)	264.683,13	30.058,13
25.627.1211	(6000 kcal/h)	278.683,13	30.058,13
25.627.1212	(6500 kcal/h)	301.683,13	30.058,13
25.627.1213	(7000 kcal/h)	334.183,13	30.058,13
25.627.1214	(7500 kcal/h)	370.899,38	33.024,38
25.627.1215	(8,000 kcal/h)	387.774,38	33.024,38
25.627.1216	(8500 kcal/h)	417.136,25	36.011,25
25.627.1217	(9000 kcal/h)	424.511,25	36.011,25
25.627.1218	(9500 kcal/h)	453.261,25	36.011,25
25.627.1219	(10,000 kcal/h)	473.136,25	36.011,25
25.627.1220	(11,000 kcal/h)	496.261,25	36.011,25
25.627.1221	(12,000 kcal/h)	517.136,25	36.011,25
25.627.1222	(12,500 kcal/h)	531.102,50	38.977,50
25.627.1223	(13,000 kcal/h)	562.727,50	38.977,50
25.627.1224	(14,000 kcal/h)	573.602,50	38.977,50
25.627.1225	(15,000 kcal/h)	648.214,38	41.964,38
25.627.1226	(17,500 kcal/h)	693.618,75	45.243,75
25.627.1227	(20,000 kcal/h)	735.585,00	48.210,00
25.627.1228	(25,000 kcal/h)	795.370,63	53.870,63
25.627.1229	(30,000 kcal/h)	941.823,75	59.823,75
25.627.1230	(35,000 kcal/h)	1.014.368,13	68.743,13
25.627.1231	(40,000 kcal/h)	1.070.946,25	74.696,25
25.627.1232	(45,000 kcal/h)	1.119.439,38	80.064,38
25.627.1233	(50,000 kcal/h)	1.213.921,88	89.296,88
25.627.1300	Modular scroll-type cold storage room device using R-404A gas in its cooling installation, operating at the temperature range of -5/+5 °C, and equipped with a compressor (+45 °C condensation, -15 °C evaporation)		
25.627.1301	(1000 kcal/h)	140.595,63	30.058,13
25.627.1302	(1500 kcal/h)	150.383,13	30.058,13

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.627.1303	(2000 kcal/h)	159.558,13	30.058,13
25.627.1304	(2500 kcal/h)	170.308,13	30.058,13
25.627.1305	(3000 kcal/h)	187.183,13	30.058,13
25.627.1306	(3500 kcal/h)	198.308,13	30.058,13
25.627.1307	(4000 kcal/h)	214.558,13	30.058,13
25.627.1308	(4500 kcal/h)	232.308,13	30.058,13
25.627.1309	(5,000 kcal/h)	249.308,13	30.058,13
25.627.1310	(5500 kcal/h)	262.433,13	30.058,13
25.627.1311	(6000 kcal/h)	279.558,13	30.058,13
25.627.1312	(6500 kcal/h)	301.433,13	30.058,13
25.627.1313	(7000 kcal/h)	331.683,13	30.058,13
25.627.1314	(7500 kcal/h)	351.024,38	33.024,38
25.627.1315	(8,000 kcal/h)	372.899,38	33.024,38
25.627.1316	(8500 kcal/h)	398.011,25	36.011,25
25.627.1317	(9000 kcal/h)	418.011,25	36.011,25
25.627.1318	(9500 kcal/h)	438.886,25	36.011,25
25.627.1319	(10,000 kcal/h)	452.761,25	36.011,25
25.627.1320	(11,000 kcal/h)	475.636,25	36.011,25
25.627.1321	(12,000 kcal/h)	495.886,25	36.011,25
25.627.1322	(12,500 kcal/h)	521.852,50	38.977,50
25.627.1323	(13,000 kcal/h)	537.977,50	38.977,50
25.627.1324	(14,000 kcal/h)	560.477,50	38.977,50
25.627.1325	(15,000 kcal/h)	628.964,38	41.964,38
25.627.1326	(17,500 kcal/h)	681.118,75	45.243,75
25.627.1327	(20,000 kcal/h)	721.460,00	48.210,00
25.627.1328	(25,000 kcal/h)	775.120,63	53.870,63
25.627.1329	(30,000 kcal/h)	908.823,75	59.823,75
25.627.1330	(35,000 kcal/h)	962.868,13	68.743,13
25.627.1331	(40,000 kcal/h)	1.039.446,25	74.696,25
25.627.1332	(45,000 kcal/h)	1.103.064,38	80.064,38
25.627.1333	(50,000 kcal/h)	1.188.796,88	89.296,88
25.627.1400	Modular cold storage room device using R-404A gas in its cooling installation, operating at the temperature range of -15/-25 °C, and equipped with a hermetically-sealed compressor (+45 C condensation, -30 °C evaporation)		
25.627.1401	(1000 kcal/h)	116.656,88	8.919,38
25.627.1402	(2000 kcal/h)	132.660,00	10.110,00
25.627.1403	(2500 kcal/h)	154.050,63	11.300,63
25.627.1404	(3000 kcal/h)	188.158,75	12.783,75
25.627.1405	(3500 kcal/h)	212.474,38	13.974,38
25.627.1406	(4000 kcal/h)	240.603,13	15.478,13
25.627.1407	(4500 kcal/h)	264.855,63	16.355,63
25.627.1408	(5,000 kcal/h)	282.359,38	17.859,38
25.627.1409	(5500 kcal/h)	323.944,38	18.444,38
25.627.1410	(6000 kcal/h)	389.052,50	19.927,50
25.627.1411	(6500 kcal/h)	406.700,63	20.825,63
25.627.1412	(7000 kcal/h)	431.723,75	21.723,75
25.627.1413	(7500 kcal/h)	463.706,88	23.206,88
25.627.1414	(8,000 kcal/h)	515.815,00	24.690,00

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.627.1415	(8500 kcal/h)	542.213,13	25.588,13
25.627.1416	(9000 kcal/h)	562.278,75	26.778,75
25.627.1417	(9500 kcal/h)	595.946,25	27.071,25
25.627.1418	(10,000 kcal/h)	637.825,00	28.575,00
25.627.1419	(11,000 kcal/h)	647.225,63	30.350,63
25.627.1420	(12,000 kcal/h)	663.524,38	33.024,38
25.627.1421	(13,000 kcal/h)	693.011,25	36.011,25
25.627.1422	(14,000 kcal/h)	762.600,00	38.100,00
25.627.1423	(15,000 kcal/h)	839.750,63	39.875,63
25.627.1424	(20,000 kcal/h)	896.464,38	41.964,38
25.627.1425	(25,000 kcal/h)	946.495,63	53.870,63
25.627.1426	(30,000 kcal/h)	1.042.105,00	71.730,00
25.627.1427	(35,000 kcal/h)	1.067.355,00	71.730,00
25.627.1428	(40,000 kcal/h)	1.099.105,00	71.730,00
25.627.1429	(45,000 kcal/h)	1.170.855,00	71.730,00
25.627.1430	(50,000 kcal/h)	1.258.980,00	71.730,00
25.627.1500	Modular cold storage room device using R-404A gas in its cooling installation, operating at the temperature range of -15/-25 °C, and equipped with a semi-hermetically-sealed compressor (+45 C condensation, -30 °C evaporation)		
25.627.1501	(1000 kcal/h)	160.058,13	30.058,13
25.627.1502	(1500 kcal/h)	178.933,13	30.058,13
25.627.1503	(2000 kcal/h)	223.558,13	30.058,13
25.627.1504	(2500 kcal/h)	250.308,13	30.058,13
25.627.1505	(3000 kcal/h)	270.308,13	30.058,13
25.627.1506	(3500 kcal/h)	310.058,13	30.058,13
25.627.1507	(4000 kcal/h)	317.683,13	30.058,13
25.627.1508	(4500 kcal/h)	347.933,13	30.058,13
25.627.1509	(5,000 kcal/h)	383.933,13	30.058,13
25.627.1510	(5500 kcal/h)	420.933,13	30.058,13
25.627.1511	(6000 kcal/h)	434.933,13	30.058,13
25.627.1512	(6500 kcal/h)	470.183,13	30.058,13
25.627.1513	(7000 kcal/h)	512.933,13	30.058,13
25.627.1514	(7500 kcal/h)	550.774,38	33.024,38
25.627.1515	(8,000 kcal/h)	593.024,38	33.024,38
25.627.1516	(8500 kcal/h)	631.886,25	36.011,25
25.627.1517	(9000 kcal/h)	644.636,25	36.011,25
25.627.1518	(9500 kcal/h)	667.761,25	36.011,25
25.627.1519	(10,000 kcal/h)	690.761,25	36.011,25
25.627.1520	(11,000 kcal/h)	695.761,25	36.011,25
25.627.1521	(12,000 kcal/h)	706.886,25	36.011,25
25.627.1522	(12,500 kcal/h)	740.477,50	38.977,50
25.627.1523	(13,000 kcal/h)	845.352,50	38.977,50
25.627.1524	(14,000 kcal/h)	958.227,50	38.977,50
25.627.1525	(15,000 kcal/h)	1.010.339,38	41.964,38
25.627.1526	(17,500 kcal/h)	1.031.118,75	45.243,75
25.627.1527	(20,000 kcal/h)	1.133.710,00	48.210,00
25.627.1528	(25,000 kcal/h)	1.140.620,63	53.870,63
25.627.1529	(30,000 kcal/h)	1.213.823,75	59.823,75

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.627.1530	(35,000 kcal/h)	1.325.993,13	68.743,13
25.627.1531	(40,000 kcal/h)	1.363.196,25	74.696,25
25.627.1532	(45,000 kcal/h)	1.389.939,38	80.064,38
25.627.1533	(50,000 kcal/h)	1.435.421,88	89.296,88
25.627.1600	Modular scroll-type cold storage room device using R-404A gas in its cooling installation, operating at the temperature range of -15 / -25 °C, and equipped with a compressor (+45 C condensation, -30 °C evaporation)		
25.627.1601	(1000 kcal/h)	154.545,63	30.058,13
25.627.1602	(1500 kcal/h)	178.433,13	30.058,13
25.627.1603	(2000 kcal/h)	209.183,13	30.058,13
25.627.1604	(2500 kcal/h)	230.933,13	30.058,13
25.627.1605	(3000 kcal/h)	255.183,13	30.058,13
25.627.1606	(3500 kcal/h)	312.058,13	30.058,13
25.627.1607	(4000 kcal/h)	331.558,13	30.058,13
25.627.1608	(4500 kcal/h)	358.558,13	30.058,13
25.627.1609	(5,000 kcal/h)	384.808,13	30.058,13
25.627.1610	(5500 kcal/h)	417.058,13	30.058,13
25.627.1611	(6000 kcal/h)	443.933,13	30.058,13
25.627.1612	(6500 kcal/h)	456.183,13	30.058,13
25.627.1613	(7000 kcal/h)	480.058,13	30.058,13
25.627.1614	(7500 kcal/h)	496.433,13	30.058,13
25.627.1615	(8,000 kcal/h)	534.899,38	33.024,38
25.627.1616	(8500 kcal/h)	553.011,25	36.011,25
25.627.1617	(9000 kcal/h)	583.511,25	36.011,25
25.627.1618	(9500 kcal/h)	592.886,25	36.011,25
25.627.1619	(10,000 kcal/h)	652.636,25	36.011,25
25.627.1620	(11,000 kcal/h)	675.136,25	36.011,25
25.627.1621	(12,000 kcal/h)	742.761,25	36.011,25
25.627.1622	(12,500 kcal/h)	754.790,63	39.290,63
25.627.1623	(13,000 kcal/h)	764.165,63	39.290,63
25.627.1624	(14,000 kcal/h)	776.415,63	39.290,63
25.627.1625	(15,000 kcal/h)	877.665,63	39.290,63
25.627.1626	(17,500 kcal/h)	894.743,75	45.243,75
25.627.1627	(20,000 kcal/h)	960.085,00	48.210,00
25.627.1628	(25,000 kcal/h)	1.123.495,63	53.870,63
25.627.1629	(30,000 kcal/h)	1.178.698,75	59.823,75
25.627.1630	(35,000 kcal/h)	1.256.618,13	68.743,13
25.627.1631	(40,000 kcal/h)	1.315.071,25	74.696,25
25.627.1632	(45,000 kcal/h)	1.446.189,38	80.064,38
25.627.1633	(50,000 kcal/h)	1.658.671,88	89.296,88
25.630.1000	LAUNDRY WASHING MACHINE, FULLY AUTOMATED: (Unit: Qty.)(TS EN ISO 10472-2) Shall be released to the market fulfilling the requirements set out under the heading Market Introduction and Putting Into Service (Chapter II, Article 5-(1)) of the Directive (2006/42/EC) Machinery Safety and in compliance with the Directive (2014/35/EC) Electrical Equipment Designed for Specific Voltage Limits. The machine will have capacity to divide the drum volume by 10. Lower electricity, water and detergent consumption, shorter water intake and discharge times, and lower amount of residual water on the laundry following rinsing would allow for economical use of resources and thus create efficiency; as such the manufacturers shall take these points into consideration. Exterior coating, all surfaces (inner rotor front and		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	back covers, back cover reinforcements, inner rotor shaft connection bearing, outer rotor back cover and reinforcements) that come into contact with the laundry and water, glass observation port and chassis (1.5-2 mm thick) shall be of AISI 304 Grade 18/8 Cr-Ni stainless steel, plate or profile, with a thickness of 1.2-2 mm. The machine shall have a safety system to prevent the opening of the unloading hatch while the machine is working, washing will be monitored during the washing process by fitting a glass to the hatch and water tightness shall be ensured by way of a gasket. With the belt drive system, the washing shall be done at 25-60 RPM and the tumbling at 50/110 RPM capable to spin in two stages. There shall be at least 15 fixed washing + tumbling programs and at least 10 customizable programs prepared on the touch screen microprocessor control panel on the machine. To be supplied, installed delivered in working order with water level switch with at least two different water levels to be adjusted automatically, at least three-chamber detergent unit made of polyester and Cr-Ni stainless steel, discharge system to discharge excessive water and foam, a system to prevent the vibration and imbalance, machine shaft with ceramic or stainless steel bushings or with hard chrome plating against corrosion and supported in at least roll bearings at the back of the machine and having Viton seals, can be connected to liquid detergent dosing system, with electric heating option, capable to do the intake and discharge of hot water and cold water automatically, furnished with control panel. Note: The high tumbling speed of the laundry machine shall at least meet the $G=300$ value. The formula ($G= [5.6 \times (n/1000)^2 \times d]$) in the TS EN ISO 10472 - 2 D1 standard is taken as basis. d = drum diameter in cm, n = number of revolutions per minute)		
25.630.1200	304 grade 18/8 CR-Ni or Polyester exterior surface with steam heating system		
25.630.1201	For 20 kg/round capacity	306.676,13	4.176,13
25.630.1202	For 30 kg/round capacity	434.829,81	5.579,81
25.630.1203	For 40 kg/round capacity	457.939,75	7.189,75
25.630.1204	For 50 kg/round capacity	615.314,75	7.939,75
25.630.1205	For 60 kg/round capacity	675.939,75	8.689,75
25.630.1300	304 grade 18/8 CR-Ni or Polyester exterior surface with steam heating system		
25.630.1301	For 20 kg/round capacity	306.757,38	4.382,38
25.630.1302	For 30 kg/round capacity	435.111,06	5.736,06
25.630.1303	For 40 kg/round capacity	458.127,25	7.502,25
25.630.1304	For 50 kg/round capacity	616.627,25	8.252,25
25.630.1305	For 60 kg/round capacity	677.502,25	9.002,25
25.630.2000	LAUNDRY WASHING AND TUMBLING MACHINE (Unit: Qty.) Shall be released to the market fulfilling the requirements set out under the heading Market Introduction and Putting Into Service (Chapter II, Article 5-(1)) of the Directive (2006/42/EC) Machinery Safety and in compliance with the Directive (2014/35/EC) Electrical Equipment Designed for Specific Voltage Limits. The machine will have capacity to divide the drum volume by 10. Exterior coating, all surfaces (inner rotor front and back covers, back cover reinforcements, inner rotor shaft connection bearing, outer rotor back cover and reinforcements) that come into contact with the laundry and water, glass observation port and chassis (minimum 3 mm thick) shall be of AISI 304 Grade 18/8 Cr-Ni stainless steel, plate or profile. The machine shall have a safety system to prevent the opening of the unloading hatch while the machine is working, washing will be monitored during the washing process by fitting a glass to the hatch and water tightness shall be ensured by way of a gasket. With the belt drive system, the washing shall be done at 25-60 RPM and the tumbling at 50/110 RPM capable to spin in two stages, the high tumbling speed shall be to meet at least $G= 300$ value. ($G= 0.558 \times Dt \times Nt^2/1,000,000$ according to DIN 11901 Dt = Drum diameter mm, Nt^2 = fast tumbling speed in square). There shall be at least 15 fixed washing + tumbling programs and at least 15 customizable programs prepared on the touch screen microprocessor control panel on the machine. To be supplied, installed delivered in working order with water level switch with at least two different water levels to be adjusted automatically, at least three-chamber detergent unit made of polyester and Cr-Ni stainless steel, discharge system to discharge excessive water and foam, a system to prevent the vibration and imbalance, machine shaft with ceramic or stainless steel bushings or with hard chrome plating against corrosion and supported in at least roll bearings on the right hand side and left hand side of the machine and having Viton seals, can be connected to liquid detergent dosing system, with electric/steam heating option, capable to do the intake and discharge of steam, hot water, cold water automatically, suitable for the purpose of hygienic washing, at 20 and 40 kg capacities hygiene for the purpose of washing, shall have single or double inlet-outlet drum hatches for 20 and 40 kg capacities, double inlet double outlet drum hatches for 60 kg capacity. The supply, installation and delivery in working order of the machine with the control panel, which is suitable for the panel assembly that separates the clean and dirty part from each other, in the work place.		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.630.2100	Automatic washing and tumbling machine with hygienic barrier, DKP exterior panel, steam heating system.		
25.630.2101	For 20 kg/round capacity	580.551,13	4.176,13
25.630.2102	For 40 kg/round capacity	748.564,75	7.189,75
25.630.2103	For 60 kg/round capacity Note: 8% price difference is paid if the machine heating system is electric	964.939,75	8.689,75
25.630.2200	Automatic washing and tumbling machine with hygienic barrier, Cr-Ni or polyester exterior panel, steam heating system.		
25.630.2201	For 20 kg/round capacity	577.676,13	4.176,13
25.630.2202	For 40 kg/round capacity	744.689,75	7.189,75
25.630.2203	For 60 kg/round capacity Note: 8% price difference is paid if the machine heating system is electric	971.314,75	8.689,75
25.632.1000	LAUNDRY DRYING MACHINES: (Unit: Qty.) Shall be released to the market fulfilling the requirements set out under the heading Market Introduction and Putting Into Service (Chapter II, Article 5-(1)) of the Directive (2006/42/EC) Machinery Safety, in compliance with the Directive (2014/35/EC) Electrical Equipment Designed for Specific Voltage Limits and the standard (TS EN ISO 10472-4). With electric, steam or gas drying system. There will be an electronic control panel with at least 3 programs on the machine and the machine will perform its functions according to the programs in this control panel. The motor of the machine will be driven by an inverter. The machine shall have a safety system to stop the machine while the machine is working, drying will be monitored during the drying process by fitting a glass to the hatch and air tightness shall be ensured by way of a gasket. The machine will carry out the drying operations between 25-75 rpm. The machine will have 1 fan and particle filter to expel the moisture from the drying clothes. The supply and installation of the drying machine with thermal losses prevented by the body insulation, the humidity of the clothes dried and the drying temperature can be measured from the exhaust.		
25.632.1001	The tumble dryer, with steam: 20 kg/hour, with the tumbler volume of 400 L.	162.051,13	4.176,13
25.632.1002	The tumble dryer, with steam: 30 kg/hour, with the tumbler volume of 600 L.	203.454,81	5.579,81
25.632.1003	Laundry drying machine, LPG-heated: 20 kg/hour, with a tumbler volume of 400 L.	184.801,13	4.176,13
25.632.1004	Laundry drying machine, LPG-heated: 30 kg/hour, with a tumbler volume of 600 L.	236.579,81	5.579,81
25.632.1005	The tumble dryer, electrical, 20 kg/hour, with the tumbler volume of 400 L.	184.801,13	4.176,13
25.632.1006	The tumble dryer, electrical, 30 kg/hour, with the tumbler volume of 600 L.	232.829,81	5.579,81
25.632.1007	The tumble dryer, with steam: 40 kg/hour, with the tumbler volume of 800 L.	303.189,75	7.189,75
25.632.1008	The tumble dryer, with steam: 60 kg/hour, with the tumbler volume of 1200 L.	362.064,75	8.689,75
25.632.1009	The tumble dryer, electrical, 40 kg/hour, with the tumbler volume of 800 L.	289.314,75	7.189,75
25.632.1010	Laundry drying machine, electric, 60 kg/hour, with a tumbler volume of 1200 L.	301.064,75	8.689,75
25.632.1011	Laundry drying machine, with steam: 80 kg/hour, with a tumbler volume of 1500 L.	631.814,75	9.439,75
25.632.2000	COMBI WASHING, TUMBLING AND DRYING MACHINE: (Unit: Pieces) Shall be released to the market fulfilling the requirements set out under the heading Market Introduction and Putting Into Service (Chapter II, Article 5-(1)) of the Directive (2006/42/EC) Machinery Safety and in compliance with the Directive (2014/35/EC) Electrical Equipment Designed for Specific Voltage Limits. With the below given quantity of the laundry washed and dried at once, duplex, lower part the washing machine, upper part the drying machine, both parts can be operated at the same time or separately, for the washing part, the inner drum volume has 1/10 loading ratio, when the inner and outer drum as well as the sight glass are open, the machine does not start, with the belt driven system, the washing speed is approximately 25-60 RPM and the tumbling speed is 50/110 RPM tumbling at least in 2 stages, the higher tumbling speed must meet at least the value $G=300$ ($G=0.558 \times Dt \times Nt^2/1.000.000$). There shall be at least 15 fixed washing + tumbling programs and 10 °Customizable programs prepared on the touch screen microprocessor control panel on the machine. The supply and installation of the washing and drying machine, water level switch can be used to adjust at least two different water levels automatically, injection molded plastic detergent unit, shock absorber and 360 degree movable base system with vibration and balancing device, at the back of the machine with at least 2 bearings and corrosion resistant		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)				
	ceramic covered machine shaft with viton rubber seals, which can be connected to the liquid detergent dosing system; For drying section, can dry tumbled laundry in the lower unit at once, heating with stainless steel heaters placed on the machine, with touchscreen control panel on it, 1/20 loading ratio with emergency stop button to stop the motor in emergency situations, with temperature adjustment, remaining time, adjustment machine in the workplace supply and installation, washing machine kW drying machine kW Combi 10 x 10= 7.5 kW Combi 10 x 10= 9.0 kW Combi 15 x 15= 9.0 kW Combi 15 x 15= 12.0 kW Combi 20 x 20= 12.0 kW Combi 20 x 20= 18.0 kW						
25.632.2100	Combi laundry washing - tumbling and drying machine, DKP exterior panel, electrical heating system.						
25.632.2101	10 x 10 Combi Washing, Tumbling and Drying Machine	323.551,13	4.176,13				
25.632.2102	15 x 15 Combi Washing, Tumbling and Drying Machine	378.344,88	4.719,88				
25.632.2103	20 x 20 Combi Washing, Tumbling and Drying Machine	426.094,88	5.469,88				
25.632.2200	Combi washing, tumbling and drying machine, Cr-Ni or Polyester outer panel, electrical heating system.						
25.632.2201	10 x 10 Combi Washing, Tumbling and Drying Machine	355.551,13	4.176,13				
25.632.2202	15 x 15 Combi Washing, Tumbling and Drying Machine	406.844,88	4.719,88				
25.632.2203	20 x 20 Combi Washing, Tumbling and Drying Machine	456.469,88	5.469,88				
25.635.1000	CYLINDER IRONING MACHINES: (Size: Name) (TS EN ISO 10472-5) Shall be released to the market fulfilling the requirements set out under the heading Market Introduction and Putting Into Service (Chapter II, Article 5-(1)) of the Directive (2006/42/EC) Machinery Safety and in compliance with the Directive (2014/35/EC) Electrical Equipment Designed for Specific Voltage Limits. The supply and installation of the ironing machines with the below given length and diameter, padded cylinder, after being suitably processed at least 2.5 mm thick 18/8 Cr-Ni cylinder bed and steam heater, condensate separator, steam valve, autoblocking endless screw, belt or chain driven motion mechanism to adjust the cylinder pressure, to lower and to lift the cylinder, the motion motor and the steam aspirator with sufficient capacity of which powers are given below, the safety device to automatically stop the engine when the hand gets stuck, the laundry feeding case and laundry removal tray made of non-corroding material, the mechanism to provide the motion back and forth, ironing machine steam or LPG heated, with solenoid valve and thermostat, including the fuses, switch and waterproof panel.						
25.635.1100	Cylinder ironing machine, with steam:						
	<table> <tr> <th>Cylinder Ø</th><th>Size</th><th>Motion Motor Power</th><th>Suction Fan Motor Power</th></tr> </table>	Cylinder Ø	Size	Motion Motor Power	Suction Fan Motor Power		
Cylinder Ø	Size	Motion Motor Power	Suction Fan Motor Power				
25.635.1101	320 mm. 1800 mm 0,75 kW 0,37 kW	196.609,94	4.609,94				
25.635.1102	450 mm 2100 mm. 1,50 kW 0,75 kW	228.594,88	6.219,88				
25.635.1200	Cylinder ironing machine, with LPG.						
	<table> <tr> <th>Cylinder Ø</th><th>Size</th><th>Motion Motor Power</th><th>Suction Fan Motor Power</th></tr> </table>	Cylinder Ø	Size	Motion Motor Power	Suction Fan Motor Power		
Cylinder Ø	Size	Motion Motor Power	Suction Fan Motor Power				
25.635.1201	320 mm 1800 mm. 0,75 kW 0,37 kW	284.859,94	4.609,94				
25.635.1202	450 mm 2100 mm. 1,50 kW 0,75 kW	387.969,88	6.219,88				
25.635.2000	CYLINDER IRONING MACHINE (Unit: Qty.) Shall be released to the market fulfilling the requirements set out under the heading Market Introduction and Putting Into Service (Chapter II, Article 5-(1)) of the Directive (2006/42/EC) Machinery Safety and in compliance with the Directive (2014/35/EC) Electrical Equipment Designed for Specific Voltage Limits. The supply and installation of the ironing machine with the below given length and diameter, coated against corrosion with a protection material, heat and wear resistant surface of the cylinder covered with Nomex (at least 4 mm thick, resistant to 200 °C K-435 polyester), equipped with speed adjustment and finger protection system, humidity and steam collector hood, steam system or electrical heating system, furnished with a steam jet, with manual operating lever to remove the laundry from the machine in case of power failures, with an emergency stop button to stop the machine in an emergency, having laundry feeding case or tray at the same length with the cylinder, together with the control panel.						
25.635.2100	Steam Heating System (at 4-10 ops pressure) (Unit: Qty.)						
	Cylinder						

Item No	Job Type			UP+Instal.	Instal. Cost (TRY)
25.635.2101	500 - 550	1500		198.094,88	6.219,88
25.635.2102	550 - 600	1800		217.594,88	6.969,88
25.635.2103	550 - 600	2000		244.844,88	7.719,88
25.635.2104	750 - 850	2000		369.969,88	8.469,88
25.635.2105	750 - 850	2500		409.454,81	10.079,81
25.635.2106	850 - 950	3000		514.954,81	10.829,81
25.635.2107	1000 - 1200	3000		695.954,81	11.579,81
25.635.2200	Electrical heating system (Unit: Qty.)				
	Cylinder Diameter Ø mm	Cylinder Size mm	Minimum Resistance Power		
25.635.2201	320	1500	9 K W	195.609,94	4.609,94
25.635.2202	500 - 550	1500	15 K W	241.219,88	6.219,88
25.635.2203	550 - 650	1800	18 K W	295.594,88	6.219,88
25.635.2204	550 - 650	2000	21 K W	313.469,88	6.219,88
25.635.2205	750	2000	23 K W	392.469,88	8.469,88
25.635.2206	750	2500	30 K W	476.204,81	10.079,81
25.635.2250	Gas heating system (Unit: Qty.)				
	Cylinder Diameter Ø mm	Cylinder Length mm	Motion Motor Power min.		
25.635.2251	320	1500	0.75 K W	248.734,94	4.609,94
25.635.2252	500 - 550	1500	0.75 K W	343.359,94	4.609,94
25.635.2253	550 - 650	1800	1.1 K W	365.484,94	4.609,94
25.635.2254	550 - 650	2000	1.5 K W	403.664,91	5.789,91
25.635.2255	750	2000	1.5 K W	467.789,91	5.789,91
25.635.2256	750	2500	2.2 K W	612.164,91	5.789,91
25.635.2300	PRESS IRONING MACHINE: (Unit: Pieces)				
	Shall be released to the market fulfilling the requirements set out under the heading Market Introduction and Putting Into Service (Chapter II, Article 5-(1)) of the Directive (2006/42/EC) Machinery Safety and in compliance with the Directive (2014/35/EC) Electrical Equipment Designed for Specific Voltage Limits. Shall work with at least 2 atmospheres pressure steam. The supply and installation of the press ironing machine, upper ironing claw made of cast aluminum, steam pocket, cast iron lower cushion, tops of the claws made of perforated stainless sheet woven with perforated cotton and calico cushion, at least 0.25 kW aspirator for dehumidifying the laundry being ironed, foot pedals to control the aspirator, to lock/unlock the upper claw to/from the lower cushion, hand-operated steam valve and lever for steam injection from the top cushion, Chassis made of painted profile black sheet metal, with flexible hoses for steam and condensate connections, and a table made of formica-coated chipboard or plywood; to be supplied and installed on site. (The width of the ironing pad shall be approximately 20 cm at the narrow end, 40 cm at the wide place and 120 cm long.)				
25.635.2301	Electric Heated Manual Press Iron with Steam Generator: (Unit: Qty.)			204.875,00	1.500,00
	Supply and installation of the press iron with length min. 1,130 mm, narrow end of min.250 mm, wide end of min.345 mm in size, with upper and lower jaw complete aluminum, min. 0.8 mm perforated plate covered with non-flammable ironing cloth, pressure-controlled, foot control pedals for the locking and unlocking the lower cushion of the upper jaw; hand-operated steam valve and lever for steam spraying from the top cushion; chassis made of profile black sheet metal and painted, flexible hose for steam and condensate connections, vacuum motor and min 20 kW electric steam generator and condensate group with intermediate connections. Note: In the case of automatic electric self-steam generator, unit price including the installation will be paid up to 15% without increasing the installation costs.				
25.635.2302	Ironing Board With Built-In Boiler: (Unit: Pieces)			84.725,00	1.500,00
	The supply and installation of the ironing board with vacuum motor, min. dimensions 1150 x 380 x 240 mm, 220/380 Volts power, not affected by voltage fluctuations (including min. 3 L water volume and min. 3700 Watts electric heater, min. 5 kg/h capacity, min. 2 bar pressure steam generator and hand iron).				



REPUBLIC OF TÜRKİYE
MINISTRY OF ENVIRONMENT, URBANIZATION,
AND CLIMATE CHANGE

Higher Technical Board

1934

HOSPITAL INSTALLATION
UNIT PRICES AND SPECIFICATIONS

2025

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.650.4100	Oxygen, Medical Air, Nitrous Oxide Valve: (Unit: Qty.) Supply to the worksite of a wall-mountable valve, purified from harmful substances and suitable for use in oxygen, medical air, and nitrous oxide circuits; tested at 30 bar and designed for an operating pressure of 12 bar; equipped with inlet and outlet unions, quarter-turn full open/close functionality for rapid intervention, manually operated via handwheel, press-formed from brass, and fixed to the wall using dowels and brass screws.		
25.650.4101	Ø 8 mm	788,75	193,75
25.650.4102	Ø 10 mm	856,88	163,13
25.650.4103	Ø 15 mm	1.081,56	190,31
25.650.4105	Ø12 mm	884,06	190,31
25.650.4106	Ø22 mm	1.080,00	217,50
25.650.4107	Ø 28 mm	1.352,19	244,69
25.650.4108	Ø 35 mm	1.961,88	271,88
25.650.4109	Ø 42 mm	3.531,56	299,06
25.650.4110	Ø 54 mm	5.051,25	326,25
25.650.4111	Ø 76 mm	6.259,69	353,44
25.650.4112	Ø 108 mm	8.028,75	435,00
25.652.1100	Medical Gas Alarm Panel (Unit: Qty.) Supply and on-site installation of a medical gas alarm panel, manufactured in compliance with TS EN ISO 7396-1 and the 93/42/EEC Medical Devices Directive, CE-marked for market release; equipped with separate light indicators for each gas; capable of signaling gas flow status in each zone as “normal” or “alarm” via visual indicators; monitoring pressure levels in service zones through switches and triggering audible and visual alarms when preset thresholds are exceeded; featuring a mute button; microprocessor-controlled; compatible with communication protocols; and capable of transmitting data to automation and computer systems via a contact output.		
25.652.1101	For 2 gases	13.320,00	1.087,50
25.652.1102	For 3 gases	16.737,50	1.087,50
25.652.1103	For 4 gases	22.187,50	1.087,50
25.652.1104	For 5 gases	28.206,25	1.631,25
25.652.1105	For 6 gases	33.693,75	1.631,25
25.652.1106	For 1 gas	10.140,00	1.087,50
25.652.1200	Medical Gas Valve Boxes (Unit: Qty.) Supply and on-site installation of medical gas valve boxes, manufactured in compliance with TS EN ISO 7396-1 and the 93/42/EEC Medical Devices Directive, CE-marked for market release; housed in an electrostatically oven-painted enclosure with a lockable glass lid and spare key; designed with separate valves, pipelines, and indicators for each gas; equipped with NIST connections for emergency supply; incorporating plastic insulation to prevent copper deterioration at junctions with other metals; and fitted with pressure and vacuum switches.		
25.652.1201	For 2 gases	14.762,50	1.087,50
25.652.1202	For 3 gases	16.712,50	1.087,50
25.652.1203	For 4 gases	19.975,00	1.087,50
25.652.1204	For 5 gases	23.231,25	1.631,25
25.652.1205	For 6 gases	26.968,75	1.631,25
25.652.1206	For 1 gas	10.902,50	1.087,50
25.652.1300	Nitrous Oxide Supply Center (Unit: Set) The supply and on-site installation of a nitrous oxide supply center, manufactured in compliance with TS EN ISO 7396-1 and the 93/42/EEC Medical Devices Directive, and placed on the market with the CE conformity marking; comprising a control panel that reduces the high pressure from cylinders to the hospital installation at a flow rate of at least 120 m³/h and a working pressure of 200 bar; right and left cylinder ramps; cylinder restraints with safety chains; collectors; flexible connections; safety valves; a high-pressure safety valve activated in the event of excessive system pressure due to failure of the pressure reducer; the entire system being microprocessor-controlled, compatible with communication protocols for data transfer to		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	automation and computer systems, with a control panel that automatically switches the right and left groups sequentially by means of a mechanical change-over system not affected by possible power outages, and a digital or LED display alarm panel providing visual and audible warnings, integrating all subsystems, and equipped with the pressure regulators, safety valves, pressure gauges, and alarms necessary to feed the line at the design flow rate and pressure. Note: Nitrous oxide cylinders shall be provided by the hospital administration.		
25.652.1301	2x3 + 1x3 cylinder system	144.744,88	8.244,88
25.652.1302	2x4 + 1x4 cylinder system	164.869,88	8.244,88
25.652.1303	2x5 + 1x5 cylinder system	191.119,88	8.244,88
25.652.1304	2x10 + 1x10 cylinder system	264.942,31	10.192,31
25.652.1305	2x6 + 1x6 cylinder system	207.744,88	8.244,88
25.652.1306	2x15 + 1x15 cylinder system	314.779,81	11.279,81
25.652.1307	2x20 + 1x20 cylinder system	378.689,75	14.314,75
25.652.1400	Medical Air Center (Unit: Set) Supply and on-site installation of a medical air center, complete with triple screw compressor group (system co-aging), automatic control panel, air tank, dryer, filter group, pressure regulators, and alarm system; the control panel capable of activating or deactivating compressors sequentially or as required until sufficient pressure is built up; manufactured in compliance with TS EN ISO 7396-1 and the 93/42/EEC Medical Devices Directive, and placed on the market with the CE conformity marking; equipped with an automatic control panel compatible with communication protocols for data transfer to automation and computer systems; compressed air dryers shall produce air in accordance with European Pharmacopoeia Standards and also conform to International Breathable Air Standards. Note: Compressor capacities are calculated based on 10 bar pressure. In three-compressor systems, each compressor shall meet 100% of its design capacity Non-compressor system elements shall be selected in accordance with the design capacity.		
25.652.1401	3 x 35 m ³ /h (Tank = 500 L)	964.453,69	14.453,69
25.652.1402	3 x 40 m ³ /h (Tank = 500 L)	1.015.541,19	15.541,19
25.652.1406	3x60 m ³ /h (Tank = 2x1000 L)	1.142.003,69	16.628,69
25.652.1407	3x110 m ³ /h (Tank = 2x2000 L)	1.594.576,13	18.576,13
25.652.1408	3x150 m ³ /h (Tank = 2x2000 L)	1.861.663,63	19.663,63
25.652.1409	3x185 m ³ /h (Tank = 2x2000 L)	2.157.361,06	21.611,06
25.652.1410	3x255 m ³ /h (Tank = 3x2000 L)	2.607.198,56	22.698,56
25.652.1411	3x318 m ³ /h (Tank = 3x2000 L)	2.880.954,81	24.329,81
25.652.1500	Medical Vacuum Center (Unit: Set) Supply and on-site installation of a medical vacuum center, complete with pump group, automatic control panel, vacuum tank, bacterial filter, and collection jar; featuring a control panel capable of activating or deactivating pumps sequentially or as needed to maintain adequate vacuum levels; pumps with a flow rate above 160 m ³ /h equipped with soft starters; an automatic control panel compatible with communication protocols for data transfer to automation and computer systems; and all components —vacuum tank, pumps, collection container, and bacterial filter—manufactured in compliance with TS EN ISO 7396-1 and the 93/42/EEC Medical Devices Directive, and placed on the market with the CE conformity marking. Note: In three-compressor systems, each compressor shall meet 100% of its design capacity. Non-compressor system elements shall be selected in accordance with the design capacity.		
25.652.1501	3 x 40 m ³ /h (Tank = 500 L)	529.813,63	15.313,63
25.652.1502	3 x 60 m ³ /h (Tank = 500 L)	633.438,63	15.313,63
25.652.1503	3 x 100 m ³ /h (Tank = 500 L)	884.501,13	20.751,13
25.652.1504	3 x 160 m ³ /h (Tank = 1000 L)	1.023.507,38	22.382,38
25.652.1505	3 x 250 m ³ /h (Tank = 1000 L)	1.170.329,81	24.329,81
25.652.1506	4x300 m ³ /h (Tank = 2x1000 L)	1.679.571,00	26.821,00
25.652.1507	4x300 m ³ /h (Tank = 2x2000 L)	2.034.408,50	27.908,50
25.652.1550	Dental Vacuum Center with Disinfection System (Unit: Set) The supply and on-site installation of a dental vacuum center with disinfection system, comprising pump		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	group, automatic control panel, two disinfection tanks, bacterial filter, and amalgam separator; an automatic control panel capable of transferring information to automation and computer systems in accordance with communication protocols; a control panel that can activate or deactivate the pumps sequentially or as required to maintain sufficient vacuum level and ensure the sequential cleaning of the tanks; gas-galvanized disinfection tanks; a vacuum storage tank made of yellow sheet steel; vacuum pumps with soft starter or frequency inverter; amalgam separator; and bacterial filter; manufactured in compliance with TS EN ISO 7396-1 and the 93/42/EEC Medical Devices Directive, and placed on the market with the CE conformity marking. Note: In three-compressor systems, each compressor shall meet 100% of its design capacity. Non-compressor system elements shall be selected in accordance with the design capacity.		
25.652.1551	3x100 m ³ /h Disinfection tank = 2x500 L, Storage Tank 500 L	1.443.549,69	26.049,69
25.652.1552	3x160 m ³ /h Disinfection tank = 2x 1000 L, Storage Tank 1000 L	1.647.680,94	27.680,94
25.652.1553	3x250 m ³ /h Disinfection tank = 2x1000 L, Storage Tank 1000 L	1.956.643,44	28.768,44
25.652.1554	3x300 m ³ /h Disinfection tank = 2x1000 L, Storage Tank 1000 L	2.129.274,69	30.399,69
25.652.1600	Anesthetic Gas Scavenging System (Venturi Type) (Unit: Set) Supply and on-site installation of an anesthetic gas scavenging system manufactured in compliance with TS EN ISO 7396-1, TS EN ISO 7396-2, and the 93/42/EEC Medical Devices Directive, CE-marked for market release, specifically designed to extract anesthetic gas from the patient exhalation circuit and discharge it via a venturi-type socket connected to the air supply line (capable of operating with both 4 bar and 7 bar air and providing a suction capacity of at least 50 L/min even at 4 bar), with vacuum generated by the venturi system and the extracted gas mixture discharged through a copper pipeline under the control of a built-in flow regulator.	6.592,50	2.418,75
25.652.1700	Anesthetic Gas Scavenging System with Electric Pump: Supply and on-site installation of an anesthetic gas scavenging system manufactured in compliance with TS EN ISO 7396-2 and the 93/42/EEC Medical Devices Directive, CE-marked for market release, comprising a lateral-channel blower-pump mechanism that discharges gases into the atmosphere, operated via a push button on the alarm control panel, and consisting of one main and one standby unit.		
25.652.1701	Anesthetic gas scavenging system with electric pump 30+30 m ³ /h	131.813,63	4.438,63
25.652.1702	Anesthetic gas scavenging system with electric pump 70+70 m ³ /h	173.694,88	6.069,88
25.652.1703	Anesthetic gas scavenging system with electric pump 100+100 m ³ /h	208.782,38	7.157,38
25.652.1704	Anesthetic gas scavenging system with electric pump 130+130 m ³ /h	288.869,88	8.244,88
25.652.1800	Oxygen Center: (Unit: Set) Supply and on-site installation of an oxygen center manufactured in compliance with TS EN ISO 7396-1 and the 93/42/EEC Medical Devices Directive, CE-marked for market release, comprising a control panel that reduces cylinder pressure to 200 bar at a minimum flow rate of 120 m ³ /h; right and left group cylinder ramps; safety chain-equipped cylinder restraints; collectors; flexible connections; safety valves including a high-pressure safety valve triggered by pressure reducer failure; a microprocessor-controlled system compatible with communication protocols for data transfer to automation and computer systems; a control panel enabling automatic sequential switching between right and left groups via a mechanical change-over system unaffected by power outages; a digital or LED alarm panel providing visual and audible alerts; and a unified structure equipped with pressure regulators, safety valves, pressure gauges, and alarms to feed the line at the design flow rate and pressure. Note: Oxygen cylinders shall be provided by the hospital administration.		
25.652.1801	2x5 + 1x5 cylinder system	184.994,88	8.244,88
25.652.1802	2x8 + 1x8 cylinder system	209.869,88	8.244,88
25.652.1803	2x10 + 1x10 cylinder system	224.567,31	10.192,31
25.652.1804	2x20 + 1x20 cylinder system	307.689,75	14.314,75
25.652.1805	2x15 + 1x15 cylinder system	261.154,81	11.279,81
25.652.1806	2x30 + 1x30 cylinder system	363.628,38	18.753,38

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.665.1101	Package-Type 1-Body Morgue Unit: (Unit: Qty.) Supply and on-site installation of a morgue unit equipped with a cooling system featuring a hermetic compressor of at least 0.675 kW capacity, in accordance with the approved design.	116.525,00	1.525,00
25.665.1102	Package-Type 2-Body Morgue Unit: (Unit: Qty.) Supply and on-site installation of a two-body morgue unit equipped with a cooling system featuring a hermetic compressor of at least 1.75 kW capacity, in accordance with the approved design.	219.837,50	1.837,50
25.665.1103	Package-Type 3-Body Morgue Unit: (Unit: Qty.) Supply and on-site installation of a morgue unit equipped with a hermetic compressor cooling system of at least 2.62 kW capacity, in accordance with the approved design.	297.381,25	2.381,25
25.665.1200	Ghusl Table (used for ritual washing of the deceased): (Unit: Qty.) The supply and on-site installation of a Ghusl table (used for ritual washing of the deceased), completely made of AISI 304 grade Cr-Ni stainless steel, with a thickness of 1.5 mm and a depth of at least 50 mm, with approximate table dimensions of 2140 x 850 mm, with a middle base in case of a turntable, slope and having a drain hole of 50 mm, legs of the frame to be of 40 x 40 box profile with 1.2 mm wall thickness, with 4 legs or a ball joint, 1.2 mm thick upper table shall be perforated and have 4 pieces of skirts at least 100 mm wide made of 0.8 mm thick AISI 304 Grade Cr-Ni stainless steel plate, with 1.5 m long chrome-plated hose, spray nozzle and a bathroom faucet for cold and hot water.	60.834,38	1.021,88



REPUBLIC OF TÜRKİYE
MINISTRY OF ENVIRONMENT, URBANIZATION,
AND CLIMATE CHANGE

Higher Technical Board

1934

FIRE PROTECTION
EQUIPMENT AND INSTALLATION
UNIT PRICES AND SPECIFICATIONS

2025

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.700.1000	FIRE CABINET ACCORDING TO THE TS EN 671-1 STANDARD: (Unit: Qty.) Reel: Manufactured in compliance with the Directive 2014/68/EU on Pressure Equipment, in compliance with the standard TS EN 671-1, TS EN 671-2, the Directive (305/2011/CE) Construction Products, released with CE compliance marking, consisting of two steel discs with a maximum diameter of 800 mm and a circular inner piece with a diameter not less than 200 mm and a drum for hoses with a diameter of 25 mm. Hose: Round, semi-rigid, conforming to the standard TS EN 694 + A1, hose diameter 25 mm and length not exceeding 30 m. Nozzle: Can be shut-off, with water jet or spray options, conforming to the standard TS EN 671-1, 671-2. Fire water valve: Hand operated, DN50 diameter, with coupling, valve and coupling in conformance with TS 12258, 12259. The appropriate board among the ones stipulated in the Directive (92/58/EEC) on Minimum Requirements For Safety and/or Health Signs In Work Sites with a cabinet sized to cover the entire fire extinguishing system shall be used. Note: For the portable extinguishers, the supply and on-site installation of the cylinder with 6 kg ABC type dry powder inside in compliance with TS 862 EN 3.		
25.700.1100	Fire Cabinets With No Cylinders: Hose Diameter Hose Length		
25.700.1101	DN25 20m	8.861,25	2.587,50
25.700.1102	DN25 25m	9.344,38	2.859,38
25.700.1103	DN25 30m	9.866,25	3.131,25
25.700.1200	Fire Cabinets With Cylinders: Hose Diameter Hose Length		
25.700.1201	DN25 20m	9.447,50	2.587,50
25.700.1202	DN25 25m	9.925,63	2.859,38
25.700.1203	DN25 30m	10.493,75	3.131,25
25.700.2100	FIRE CABINET ACCORDING TO THE TS EN 671-2 STANDARD: (Unit: Qty.) Manufactured in compliance with the Directive (305/2011/EC) on Construction Products, released with CE compliance marking. Hose: Flat hose in compliance with the standard TS 9222, diameter 50DN and 20 m long. Reel: in compliance with TS EN 671-2 with the other specifications the same as the item 25.700.1000.		
25.700.2101	Model With No Cylinder	8.537,50	2.175,00
25.700.2102	with Cylinder	9.530,00	2.175,00
25.700.3100	FIELD TYPE FIRE CABINET WITH 2" HOSE (Unit: Qty.) Supply and installation on site of a fire cabinet manufactured in compliance with the Construction Products Regulation (305/2011/EU), bearing the CE conformity mark, made of 1.5 mm thick galvanized sheet, pedestal-mounted, coated with RAL 3001–3002 electrostatic powder paint, double-shelf or double-reel type, complete with two 2" x 20 m fabric hoses in compliance with TS 9222/T1, two 2" nozzles, and hoses and nozzles fitted with 2" Storz couplings in compliance with DIN 14811.	15.918,75	2.718,75
25.700.3200	FIELD TYPE FIRE CABINET WITH 2½" HOSE: (Unit: Qty.) Supply and installation on site of a fire cabinet manufactured in compliance with the Construction Products Regulation (305/2011/EU), bearing the CE conformity mark, made of 1.5 mm thick galvanized sheet, on pedestal, coated with RAL 3001-3002 electrostatic powder paint, double sided or double reel, 2 pcs. of 2½" / 20 m fabric coated hose in compliance with the standard TS 9222, 2 pcs. of 2½" nozzle, hoses and nozzle with 2½" storz coupling in compliance with the standard DIN 14811.	18.893,75	2.718,75
25.705.1000	AUTOMATIC FIRE SPRINKLER (Unit: Qty.) The supply and on-site installation of automatic fire sprinklers manufactured in compliance with the Directive (305/2011/EC) on Construction Products, with CE compliance marking, in accordance with the standard TS EN 12259-1 in conformance with the design and technical specification, ensuring the fire is sprinkled automatically with pressurized water behind it as a result of the breaking of the glass or the melting metal because of the fire, of standard reaction, made of brass, with threaded connection.		
25.705.1100	Automatic Fire Sprinkler for Standard Applications: Opening temperatures 57 °C, 68 °C, 79 °C, 93 °C, 100 °C or 141 °C.		
25.705.1101	Upright DN 15	258,13	78,13
25.705.1102	Upright DN 20	376,88	78,13
25.705.1103	Downwards DN 15	286,88	78,13
25.705.1104	Downwards DN 20	441,88	78,13
25.705.1105	Horizontal Wall Edge DN 15	320,63	78,13

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.705.1106	Horizontal Wall Edge DN 20	470,63	78,13
25.705.1200	Automatic Fire Sprinkler for Special Applications: Manufactured and approved for special applications such as warehouse, bedroom, big room, corridor, roof, etc.		
25.705.1201	Extended Impact DN15	735,63	78,13
25.705.1202	Big Drops DN20	886,88	78,13
25.705.1203	ESFR (Early Suppression Fast Response) DN20	1.038,13	78,13
25.705.2000	Water Spray Nozzle For Open Fire: (Unit: Qty.) The supply and on-site installation of the approved open fire water spray nozzle in accordance with the design and the technical specification, when the water is opened, spraying the water at a certain angle and the droplet structure in order to extinguish or cool down the fire or to cool down the surfaces, made of brass material.		
25.705.2100	Water Spray Nozzle For Open Fire Opening temperatures 57 °C, 68 °C, 79 °C, 93 °C, 100 °C or 141 °C.		
25.705.2101	Upright DN15	278,13	78,13
25.705.2102	Upright DN20	400,63	78,13
25.705.2103	Downwards DN15	276,88	78,13
25.705.2104	Downwards DN20	439,38	78,13
25.705.3001	White Painted	31,25	
25.705.3002	Chrome Plating	27,88	
25.705.3100	Addition Of Fast Response Automatic fire sprinkler to accelerate the response to the heat, thus giving the ability to open more quickly.	75,00	
25.705.3200	Addition Of Rosette The plate between the sprinkler head and the surface on the back of the sprinkler head used to conceal the connection of the sprinkler head and the pipe to which it is connected; addition of the coating to be paid separately from the "differences to be paid for fire sprinkler additions,"		
25.705.3201	Fixed One Piece Rosette	56,63	31,25
25.705.3202	Adjustable Two Piece Rosette	57,63	31,25
25.705.3203	Hidden Recessed Rosette	183,75	31,25
25.705.5000	Sprinkler Hose Set Supply and installation, along with the flexible metal hose, hose fixing set, and set fixing apparatus, of the hose set that can stand PN 16 pressure and 149 °C temperature; has an AISI 316L Stainless Steel hose, AISI 304 Stainless Steel or Carbon Steel Mesh Wire; can connect directly and has an internal thread part special for the 1" nipple and ½" Sprinkler head; has a hose diameter of DN20 or DN25 (1"); and complies with TSE EN 10380.		
25.705.5101	50-cm long sprinkler hose set	557,50	187,50
25.705.5102	70-cm long sprinkler hose set	597,50	187,50
25.705.5103	100-cm long sprinkler hose set	636,25	187,50
25.710.1000	Aboveground Fire Hydrant (HYDRANT): (Unit: Qty.) (TS EN 14339, 14384, 1074-6) The supply and on-site installation of fire hydrants manufactured in compliance with the Regulation (EU) No.305/2011 Construction Products, released with CE compliance marking, with cast iron body, gate, brass or aluminum stem and water intake covers, stainless steel valve stem, automatic water evacuation against freezing, with safety valve, resistant against pressure impacts, without turbulence, continuous smooth flow (seat with slats), with two water intake nozzles, painted in accordance with standard colors, tight seals, flanged connection, with non-rising spindle.		
25.710.1001	DN80	25.650,00	2.587,50
25.710.1002	DN100	26.509,38	2.859,38
25.710.1003	DN150	41.068,75	3.131,25
25.710.1100	Rubber-Lined Fire Hose (spare): (Unit: m) Rubber-lined fire hose, resistant to 12 kgf/cm² pressure.		
25.710.1101	DN50	116,88	20,63

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.710.1102	DN65	156,88	20,63
25.710.1200	Ball fire valve, brass body, double clutch:		
25.710.1201	DN25	1.291,25	312,50
25.710.1202	DN50	2.140,00	468,75
25.710.1300	Fire nozzle (nozzle): (TS 3145)		
25.710.1301	Without controller	981,25	187,50
25.710.1302	With controller	1.813,13	234,38
25.710.1303	Aboveground Fire Hydrant Opening Key (TS 3145)	563,75	
25.712.1000	Connection Port For Fire Brigade: (Unit: Qty.) The supply and installation in accordance with the design and technical specification of the connection port for fire brigade made of brass, fire brigade connection DN65 x DN65 Storz, system connection diameter DN100 with protective cover, wall with bronze rosette and DN15 drip valve.	7.813,75	2.175,00
25.712.1100	Differences to be paid for Connection Port For Fire Brigade: (Unit: Qty.)		
25.712.1101	Addition Of Drip Valve:	493,75	156,25
25.712.1102	Addition Of Back Plate	465,00	62,50
25.712.1103	Addition of Fire Brigade Information:	436,25	62,50
25.712.1104	Addition Of PN 16 Pressure Class:	1.015,00	
25.712.1105	Addition of PN 25 Pressure Class	1.526,25	
25.712.2000	Floor Connection Valve For Fire Brigade: (Unit: Qty.) The supply and on-site installation of the floor connection valve conforming to the standard TSE 12259, with forged brass body, coupling aluminum chain and cover suitable for fire brigade connection.		
25.712.2001	DN50	2.391,56	407,81
25.712.2002	DN65	4.344,06	407,81
25.715.1000	Test And Drain Valve (Unit: Qty.) The supply, on-site installation in accordance with the design and technical specification and delivery in working of the valve with bronze or brass body, stainless steel ball, K factor between 80 and 360, with 21 bar (300 psi) operating pressure, in three positions.		
25.715.1100	Test and drain valve, threaded, brass;		
25.715.1101	DN25	4.291,25	1.087,50
25.715.1102	DN32	4.337,50	1.087,50
25.715.1103	DN40	7.671,25	1.087,50
25.715.1104	DN50	7.817,50	1.087,50
25.715.1200	Wet Alarm Valve Station: (Unit: Qty.) The supply, on-site installation and delivery in working order of wet alarm valve station, manufactured in compliance with the Directive (305/2011/EC) on Construction Products, conforming to the standard TS EN 12259-2, released with CE compliance marking, input / output threaded or flanged connection, with all kinds of peripheral equipment, manometers, including clamps, in conformity with the design and technical specification.		
25.715.1201	DN 80	42.550,00	5.175,00
25.715.1202	DN100	47.831,25	5.718,75
25.715.1203	DN150	53.331,25	6.468,75
25.715.1204	DN200	103.625,00	10.350,00
25.715.1300	Dry Alarm Valve Station: (Unit: Qty.) The supply, on-site installation and delivery in working order of wet alarm valve station, manufactured in compliance with the Directive (305/2011/EC) on Construction Products, conforming to the standard TS EN 12259-3, released with CE compliance marking, input / output threaded or flanged connection, with all kinds of peripheral equipment, manometers, including clamps, in conformity with the design and technical specification.		
25.715.1301	DN80	116.562,50	18.000,00
25.715.1302	DN100	124.250,00	21.000,00
25.715.1303	DN150	140.962,50	24.000,00

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.715.1400	Deluge Valve Station: (Unit: Qty.) The supply, on-site installation and delivery in working order of deluge valve station, input / output threaded or flanged connection, with all kinds of peripheral equipment, manometers, including clamps, in conformity with the design and technical specification.		
25.715.1401	DN 80	152.750,00	15.000,00
25.715.1402	DN100	175.250,00	18.000,00
25.715.1403	DN150	198.375,00	21.000,00
25.715.1404	DN200	290.625,00	24.000,00
25.715.2000	Differences to be paid for additions on valve stations: (Unit: Qty.)		
25.715.2001	The Addition Of Water Motor Gong:	9.006,25	2.175,00
25.715.2002	Addition Of Delay Cell	5.878,13	1.359,38
25.715.2003	Addition Of Alarm Pressure Switch:	4.441,25	1.087,50
25.715.2004	Addition of Compressed Air Feed and Adjustment Device to Dry Alarm Valve:	13.722,50	3.262,50
25.715.2005	Deluge Valve Electric Drive Extension:	12.280,00	3.262,50
25.715.3100	Traceable Inter-Flange Compression Butterfly Valve: (Unit: Qty.) The supply and on-site installation of the butterfly valve in accordance with the design and the technical specification, suitable for inlet / outlet connection, 175 PSI pressure class, opened with geared handwheel, cast iron body, bronze disc, position indicator, TKÇY monitoring key.		
25.715.3101	DN 40	9.937,50	2.718,75
25.715.3102	DN 50	11.148,75	3.262,50
25.715.3103	DN 65	11.742,50	3.806,25
25.715.3104	DN 80	12.359,38	4.078,13
25.715.3105	DN 100	12.987,50	4.350,00
25.715.3106	DN 150	17.348,75	5.850,00
25.715.3107	DN 200	24.012,50	7.350,00
25.715.3200	Traceable Butterfly Valve With Threaded Connection: (Unit: Qty.) The supply and on-site installation of the butterfly valve in accordance with the design and the technical specification, inlet / outlet with threaded connection, 175 PSI pressure class, opened with geared handwheel, cast iron body, bronze disc, position indicator, TKÇY monitoring key.		
25.715.3201	DN40	9.927,50	2.718,75
25.715.3202	DN50	11.227,50	3.262,50
25.715.3203	DN65	12.008,75	3.806,25
25.715.3204	DN80	12.755,63	4.078,13
25.715.3205	DN100	13.972,50	4.350,00
25.715.3206	DN150	18.271,25	5.850,00
25.715.3207	DN200	27.562,50	7.350,00
25.715.3500	Differences to Be Paid for Traceable Butterfly Valves (Unit: Qty.)		
25.715.3501	Addition Of PN 16 Pressure Class:	431,25	
25.715.3502	Addition Of PN 25 Pressure Class:	853,75	
25.715.4100	Traceable Butterfly Valve With Rising Spindle: (Unit: Qty.) The supply, on-site installation in accordance with the design and technical specification and delivery in working order of the check valve, inlet / outlet flanged, 175 PSI pressure class, size DN100, TKÇY monitoring key and compression screw nuts, with rising spindle.		
25.715.4101	DN40	11.446,88	2.446,88
25.715.4102	DN50	12.801,25	3.262,50
25.715.4103	DN65	14.391,88	3.534,38
25.715.4104	DN80	15.888,75	3.806,25
25.715.4105	DN100	18.440,63	4.078,13

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.715.4106	DN150	30.050,00	5.850,00
25.715.4107	DN200	43.237,50	8.437,50
25.715.4200	Fire Check Valve: (Unit: Qty.) The supply, on-site installation in accordance with the design and technical specification and delivery in working order of the check valve with flap, inlet / outlet with threaded connection, 175 PSI pressure class, cast iron body, bronze disc, size DN100.		
25.715.4201	DN 25	2.535,00	217,50
25.715.4202	DN 32	3.216,25	326,25
25.715.4203	DN 40	3.625,31	407,81
25.715.4204	DN 50	4.481,25	543,75
25.715.4205	DN 65	5.728,13	815,63
25.715.4206	DN 80	6.495,63	815,63
25.715.4207	DN100	10.041,25	1.087,50
25.715.4208	DN150	17.846,88	1.359,38
25.715.4209	DN200	34.815,63	1.903,13
25.715.4300	Water Flow Switch: (Unit: Qty.) The supply, on-site installation in accordance with the design and technical specification and delivery in working order of the flow switch, which in case of any water usage from the watered fire fighting system, provides the electrical contact output at the preset flow rate by way of a flexible flap entering into the pipe through a hole opened on the pipe, pressed into the pipe with U clamp.	4.800,00	468,75
25.715.4400	Drain Valve: (Unit: Qty.) Supply and on-site installation of ball valve, DN25 size, threaded inlet/outlet connections, full bore ball valve, 175 psi pressure class, cast iron body, stainless steel ball, locking latch for padlock.	945,63	78,13
25.720.0000	FIRE PUMPS:		
25.720.1000	Fire Pump With Electric Motor: (Unit: Qty.) The installation of the fire pump manufactured in compliance with the Directive (2006/42/EC) on Machinery, released with CE compliance marking, with bronze impeller, stainless steel spindle, the differential head at closed outlet (zero flow) becoming 140% of the nominal differential head, the head at 150% nominal flow becoming not less than 65% of the nominal differential head, chosen to meet the system requirements at the required pressure value and with a capacity at maximum 130% of the nominal flow rate, together with the electric motor, pump body, base, automatic electrical pressurestat mounted inside the control panel enabling the automatic and manual operation depending on the pump system pressure and with the control panel, in conformance with the design and technical specifications. 1- The values specified in the approved design shall be taken into consideration in the selection and procurement of the pumps.		
25.720.1100	Horizontal Line (in-line) Type Fire Pump:		
	Nominal Flow Nominal Differential Head		
25.720.1101	12 m³/h 60 mWC	86.769,88	10.719,88
25.720.1102	12 m³/h 80 mWC	100.544,88	11.469,88
25.720.1103	12 m³/h 100 mWC	103.019,88	12.219,88
25.720.1104	60-66 m³/h 60 mWC	161.689,75	15.439,75
25.720.1105	60-66 m³/h 80 mWC	181.689,75	18.439,75
25.720.1106	60-66 m³/h 100 mWC	209.814,75	21.439,75
25.720.1107	120-126 m³/h 60 mWC	221.314,75	24.439,75
25.720.1108	120-126 m³/h 80 mWC	261.674,69	26.799,69
25.720.1109	120-126 m³/h 100 mWC	316.659,63	30.659,63
25.720.1200	Horizontal Rear Suction Fire Pump:		
	Nominal Flow Nominal Differential Head		
25.720.1201	12 m³/h 60 mWC	88.407,38	9.219,88
25.720.1202	12 m³/h 80 mWC	102.557,38	10.719,88

Item No	Job Type		UP+Instal.	Instal. Cost (TRY)
25.720.1203	12 m³/h	100 mWC	119.007,38	12.219,88
25.720.1204	50-59 m³/h	60 mWC	131.379,81	14.579,81
25.720.1205	50-59 m³/h	80 mWC	166.064,75	18.439,75
25.720.1206	50-59 m³/h	100 mWC	188.424,69	20.799,69
25.720.1207	60-66 m³/h	60 mWC	151.299,69	21.549,69
25.720.1208	60-66 m³/h	80 mWC	185.674,69	22.299,69
25.720.1209	60-66 m³/h	100 mWC	200.924,69	23.049,69
25.720.1210	70-79 m³/h	60 mWC	163.924,69	22.299,69
25.720.1211	70-79 m³/h	80 mWC	201.424,69	23.049,69
25.720.1212	70-79 m³/h	100 mWC	234.424,69	23.799,69
25.720.1213	80-89 m³/h	60 mWC	197.659,63	23.909,63
25.720.1214	80-89 m³/h	80 mWC	219.534,63	24.659,63
25.720.1215	80-89 m³/h	100 mWC	267.784,63	25.409,63
25.720.1216	90-99 m³/h	60 mWC	234.534,63	24.659,63
25.720.1217	90-99 m³/h	80 mWC	242.409,63	25.409,63
25.720.1218	110-119 m³/h	60 mWC	250.269,56	26.269,56
25.720.1219	110-119 m³/h	80 mWC	252.019,56	27.019,56
25.720.1220	120-126 m³/h	60 mWC	254.754,50	28.629,50
25.720.1221	120-126 m³/h	80 mWC	285.879,50	29.379,50
25.720.1222	120-126 m³/h	100 mWC	323.379,50	30.129,50
25.720.1223	120-126 m³/h	120 mWC	355.129,50	30.879,50
25.720.1300	Horizontal Split Body Fire Pump:			
	Nominal Flow	Nominal Differential Head		
25.720.1301	110-119 m³/h	100 mWC	300.879,50	28.629,50
25.720.1302	110-119 m³/h	120 mWC	372.129,50	29.379,50
25.720.1303	120-126 m³/h	60 mWC	307.504,50	28.629,50
25.720.1304	120-126 m³/h	80 mWC	371.629,50	29.379,50
25.720.1305	120-126 m³/h	100 mWC	409.129,50	30.129,50
25.720.1306	120-126 m³/h	120 mWC	468.379,50	30.879,50
25.720.1400	Vertical Multi-Stage Fire Pump:			
	Nominal Flow	Nominal Differential Head		
25.720.1401	12 m³/h	60 mWC	96.557,38	10.719,88
25.720.1402	12 m³/h	80 mWC	109.332,38	11.469,88
25.720.1403	12 m³/h	100 mWC	113.507,38	12.219,88
25.720.1404	60-66 m³/h	60 mWC	159.689,75	15.439,75
25.720.1405	60-66 m³/h	80 mWC	176.439,75	18.439,75
25.720.1406	60-66 m³/h	100 mWC	203.439,75	21.439,75
25.720.2000	Fire Pump With Diesel Engine: (Unit: Qty.)			
The installation of the fire pump manufactured in compliance with the Directive (2006/42/EC) on Machinery, released with CE compliance marking, with bronze impeller, stainless steel spindle, the differential head at closed outlet (zero flow) becoming 140% of the nominal differential head, the head at 150% nominal flow becoming not less than 65% of the nominal differential head, chosen to meet the system requirements at the required pressure value and with a capacity at maximum 130% of the nominal flow rate, together with the diesel engine, two sets of batteries and battery charging groups with stand-by, diesel oil tank, diesel engine speed limiter, double starter system with stand-by, pump body, base, diesel control panel enabling the automatic and manual operation depending on the pump system pressure and with the control panel, in conformance with the design and technical specifications. NOTE: 1- The values specified in the approved design shall be taken into consideration in the selection and procurement of the pumps.				

Item No	Job Type		UP+Instal.	Instal. Cost (TRY)
25.720.2100	Horizontal Rear Suction Fire Pump:			
	Nominal Flow	Nominal Differential Head		
25.720.2101	60-66 m ³ /h	60 mWC	274.674,69	21.549,69
25.720.2102	60-66 m ³ /h	80 mWC	301.549,69	22.299,69
25.720.2103	60-66 m ³ /h	100 mWC	350.549,69	23.049,69
25.720.2104	70-79 m ³ /h	60 mWC	297.174,69	22.299,69
25.720.2105	70-79 m ³ /h	80 mWC	318.174,69	23.049,69
25.720.2106	70-79 m ³ /h	100 mWC	377.674,69	23.799,69
25.720.2107	80-89 m ³ /h	60 mWC	330.909,63	23.909,63
25.720.2108	80-89 m ³ /h	80 mWC	359.034,63	24.659,63
25.720.2109	80-89 m ³ /h	100 mWC	402.409,63	25.409,63
25.720.2110	90-99 m ³ /h	60 mWC	349.284,63	24.659,63
25.720.2111	90-99 m ³ /h	80 mWC	378.909,63	25.409,63
25.720.2112	110-119 m ³ /h	60 mWC	363.394,56	26.269,56
25.720.2113	110-119 m ³ /h	80 mWC	402.144,56	27.019,56
25.720.2114	120-126 m ³ /h	60 mWC	375.254,50	28.629,50
25.720.2115	120-126 m ³ /h	80 mWC	427.379,50	29.379,50
25.720.2116	120-126 m ³ /h	100 mWC	454.504,50	30.129,50
25.720.2117	120-126 m ³ /h	120 mWC	478.504,50	30.879,50
25.720.2200	Horizontal Split Body Fire Pump:			
	Nominal Flow	Nominal Differential Head		
25.720.2201	110-119 m ³ /h	100 mWC	523.129,50	28.629,50
25.720.2202	110-119 m ³ /h	120 mWC	536.129,50	29.379,50
25.720.2203	120-126 m ³ /h	60 mWC	501.504,50	28.629,50
25.720.2204	120-126 m ³ /h	80 mWC	558.254,50	29.379,50
25.720.2205	120-126 m ³ /h	100 mWC	588.879,50	30.129,50
25.720.2206	120-126 m ³ /h	120 mWC	646.379,50	30.879,50
25.720.2207	170-180 m ³ /h	60 mWC	549.629,50	32.379,50
25.720.2208	170-180 m ³ /h	80 mWC	613.629,50	33.129,50
25.720.2209	170-180 m ³ /h	100 mWC	648.504,50	33.879,50
25.720.2210	170-180 m ³ /h	120 mWC	855.629,50	35.379,50
25.720.4100	Leak Elimination Pump With Electric Motor: (Unit: Qty.)			
	The supply and installation of leak elimination pumps manufactured in compliance with the Fire Directive and the Directive (2006/42/EC) on Machinery, released with CE compliance marking, to be used to keep the pressure constant against small leaks and pressure fluctuations in the watered fire fighting systems, direct or star-delta start, hydrant fire extinguishing system, operating pressure selected 1 bar higher than the fire fighting system's pressure demand, with vertical spindle, multistage, stainless steel impellers together with the electric motor, pump body, base and the electric control panel in conformance with the design and technical specification.			
	Nominal Flow	Nominal Differential Head		
25.720.4101	1.0 m ³ /h	60 mWC	31.784,94	1.947,44
25.720.4102	2.0 m ³ /h	60 mWC	33.991,19	2.491,19
25.720.4103	4.0 m ³ /h	60 mWC	39.972,44	3.034,94
25.720.4104	6.0 m ³ /h	60 mWC	40.591,19	3.578,69
25.720.4105	1.0 m ³ /h	80 mWC	36.366,19	2.491,19
25.720.4106	2.0 m ³ /h	80 mWC	37.047,44	3.034,94
25.720.4107	4.0 m ³ /h	80 mWC	45.928,69	3.578,69
25.720.4108	6.0 m ³ /h	80 mWC	49.759,94	4.122,44
25.720.4109	1.0 m ³ /h	100 mWC	38.922,44	3.034,94

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.720.4110	2.0 m³/h 100 mWC	44.028,69	3.578,69
25.720.4111	4.0 m³/h 100 mWC	49.759,94	4.122,44
25.720.4112	6.0 m³/h 100 mWC	52.791,19	4.666,19
25.720.4113	1.0 m³/h 120 mWC	45.791,19	3.578,69
25.720.4114	2.0 m³/h 120 mWC	49.859,94	4.122,44
25.720.4115	4.0 m³/h 120 mWC	55.228,69	4.666,19
25.720.4116	6.0 m³/h 120 mWC	63.809,94	5.209,94
25.720.7100	Differences to be paid for additions to Fire Pumps: ((Unit: Qty.))		
25.720.7101	Addition Of Pressure Record Device:	4.500,00	
25.720.7102	For The Vertical Pumps, Addition Of 1m Shaft:	6.828,75	1.631,25
25.720.7200	Pump flowmeter: The supply, on-site installation in conformance with the design and technical specification and deliver in working order of the pump test flowmeter with Annubar, Venturi or Orifice plate measuring principle, at least PN10 pressure class, measuring connection hose, wall fixing element, gauge with analogue display.		
25.720.7201	DN 80	29.987,50	3.262,50
25.720.7202	DN 100	33.893,75	3.806,25
25.720.7203	DN 150	35.037,50	4.350,00
25.720.7204	DN 200	39.868,75	4.893,75
25.725.1100	Threaded Rigid Pipe Fitting Clamp: (Unit: Qty.) The supply, on-site installation in accordance with the design and technical specification and delivery in working order of the clamp, rigid, made of cast iron, with clamp gasket suitable for fire fighting use, threaded flexible pipe connection clamp.		
25.725.1101	DN 25	335,00	31,25
25.725.1102	DN 32	430,63	78,13
25.725.1103	DN 40	463,13	78,13
25.725.1104	DN 50	518,13	78,13
25.725.1105	DN 65	554,38	78,13
25.725.1106	DN 80	633,13	78,13
25.725.1107	DN100	782,50	125,00
25.725.1108	DN150	1.173,75	187,50
25.725.1109	DN200	2.611,25	312,50
25.725.1110	DN250	4.608,75	468,75
25.725.1200	Threaded Flexible Pipe Fitting Clamp: (Unit: Qty.) The supply, on-site installation in accordance with the design and technical specification and delivery in working order of the clamp, flexible, made of cast iron, with clamp gasket suitable for fire fighting use, threaded flexible pipe connection clamp.		
25.725.1201	DN25	367,50	31,25
25.725.1202	DN32	469,38	78,13
25.725.1203	DN40	509,38	78,13
25.725.1204	DN50	575,63	78,13
25.725.1205	DN65	613,13	78,13
25.725.1206	DN80	703,13	78,13
25.725.1207	DN100	860,00	125,00
25.725.1208	DN150	1.310,00	187,50
25.725.1209	DN200	2.928,75	312,50
25.725.1210	DN250	5.205,00	468,75
25.725.2000	Pipe Hanger Protected Against Earthquake: (Unit: Qty.) The supply and the on-site installation of the seismic hanger in accordance with the design and technical specification, allowing the water extinguishing system pipe at the time of vibration or		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	earthquake to move only in the desired direction or if it is connected to the fixed structure element does not allow it to move.		
25.725.2100	Double-acting		
25.725.2101	DN 32	565,63	78,13
25.725.2102	DN 40	583,13	78,13
25.725.2103	DN 50	591,88	78,13
25.725.2104	DN 65	621,88	78,13
25.725.2105	DN 80	828,13	78,13
25.725.2106	DN100	948,75	125,00
25.725.2107	DN150	1.531,25	156,25
25.725.2200	Four Way:		
25.725.2201	DN 32	1.254,38	271,88
25.725.2202	DN 40	1.280,63	271,88
25.725.2203	DN 50	1.301,88	271,88
25.725.2204	DN 65	1.391,88	271,88
25.725.2205	DN 80	1.795,00	326,25
25.725.2206	DN100	2.028,75	435,00
25.725.2207	DN150	3.555,63	815,63
25.725.2300	Limiting Tension Wire:		
25.725.2301	DN 32	1.061,25	543,75
25.725.2302	DN 40	1.088,75	543,75
25.725.2303	DN 50	1.108,75	543,75
25.725.2304	DN 65	1.207,50	652,50
25.725.2305	DN 80	1.460,63	815,63
25.725.2306	DN100	1.543,13	815,63
25.725.2307	DN150	3.033,75	1.631,25
25.727.1000	FIRE EXTINGUISHING SYSTEMS WITH HFC-227ea GAS The design and physical specifications of the fire extinguishing system with HFC-227ea gas shall be as specified in the TS EN 15004-1 and 5, and each area to be protected shall be designed to supply the HFC-227ea gas into the suspended ceiling and beneath the elevated flooring, if any. The location of the system should be sealed and tested for tightness. The pipes to be used in the system shall be seamless drawn steel, and nitrogen shall be used for testing the pipes. The pipes shall be tested for 10 minutes under 3 bars of pressure, and their pressure drops shall be tested at the end of this time. The detection part of the HFC-227ea extinguishing system shall be installed as prescribed in the EN 54 standard. Fire protection shall be made for every fire extinction zone in line with the volume of the zone as per the EN 54 standard. The electrical installation unit prices shall be referred to for calculation of the prices of fire detection systems, cables, detectors, panels, sirens, and similar other equipment. Measures shall be taken against accidental discharge and leaks of the HFC-227ea gas that is in EN standards and (Kyoto) F class. The gas shall be discharged in max. 10 seconds, and mechanical and electronic equipment, cables, pipes and cylinders shall duly undergo all relevant tests under the supervision of the organization of the authority.		
25.727.1100	Cylinder and Its Set The HFC-227ea cylinders to be used in the system shall be approved in accordance with the Transportable Pressure Equipment Directive (2010/35/EU), bear the JI mark, and be manufactured either as seamless steel cylinders to TS EN ISO 9809-1:2010 or as welded steel cylinders to TS EN 13322-1. The cylinders shall bear the serial number of their respective filling tanks. The cylinders shall be used at a pressure of 25 to 42 bars, and the HFC-227ea system valve on the cylinder shall bear a CE compliance marking and have a forged brass body. The HFC-227ea cylinder valves shall be equipped with safety mechanisms that open in case of overpressure, a pressure gauge to monitor the internal pressure of the cylinder. The cylinders shall be supplied to the work site with their installation kits and then installed. Note: A drain hose and a check valve shall be included in the multiple connections of the cylinders.		
25.727.1101	Up to 14 L	40.950,00	1.500,00
25.727.1102	14 L (inclusive) to 25 L	44.734,38	1.771,88

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.727.1103	25 L (inclusive) to 40 L	52.396,88	2.146,88
25.727.1104	40 L (inclusive) to 60 L	54.287,50	2.250,00
25.727.1105	60 L (inclusive) to 80 L	68.450,00	2.625,00
25.727.1106	80 L (inclusive) to 120 L	84.293,75	3.156,25
25.727.1107	120 L (inclusive) to 180 L	106.343,75	3.543,75
25.727.1108	180 L (inclusive) to 240 L	123.400,00	4.125,00
25.727.1200	HFC-227ea gas (kg) Chemical name: Heptafluoropropane (CF ₃ CHFCF ₃) gas shall comply with the TS EN 15004-1 standard. The sample to be taken from the gas shall be tested in a laboratory and submitted to the administration for approval.	1.535,00	
25.727.1300	Collector (Unit: Qty.) The collector shall be made of seamless drawn steel pipes in compliance with the design pressure, and equipped with a sufficient number of fasteners for the pressure switch and cylinders. The collector shall be tested for pressure that is 1.5 times as much as the design pressure and the test shall be reported.		
25.727.1301	With 2, 3 cylinder connections	22.750,00	1.875,00
25.727.1302	With 4, 5 cylinder connections	38.712,50	2.250,00
25.727.1303	With 6, 7 cylinder connections	47.546,88	2.896,88
25.727.1304	With 8, 9 or 10 cylinder connections	59.350,00	3.750,00
25.727.1400	Cylinder Connection Kit (Set) Including a solenoid valve and a manual draining lever compatible with single-cylinder and multiple-cylinder systems.	15.425,00	1.500,00
25.727.1500	Nitrogen cylinder supplement Procurement and installation with a min 3-L nitrogen cylinder, nitrogen cylinder valve, solenoid valve, and a wall installation kit.	38.737,50	1.875,00
25.727.1600	Selector valve (Unit: Qty.) Chambers of the cylinder group shall be used to direct the gas for use in fire extinguishing systems for multiple locations. The valve shall be equipped with a limiting switch that will allow monitoring of whether the valve is open or closed on the control panel. It shall open by pneumatic or hydraulic triggering. The selector valve to be used in the system shall be the same in diameter as that of the pipe that is found by hydraulic calculation and that enters the chamber.		
25.727.1601	3/4"	65.350,00	4.875,00
25.727.1602	1"	68.512,50	6.000,00
25.727.1603	1 1/4 "	79.018,75	7.293,75
25.727.1604	1 1/2 "	87.650,00	8.250,00
25.727.1605	2"	97.150,00	9.750,00
25.727.1606	2 1/2"	112.600,00	10.500,00
25.727.1607	3"	148.500,00	12.000,00
25.727.1608	4"	185.500,00	14.250,00
25.727.1700	Nozzles (Unit: Qty.) Installation at the designated locations as 180 or 360 degrees with a nozzle membrane, bearing a CE marking.		
25.727.1701	1/2"	1.097,50	292,50
25.727.1702	3/4"	1.416,25	292,50
25.727.1703	1"	1.633,75	292,50
25.727.1704	1 1/4 "	2.457,50	585,00
25.727.1705	1 1/2 "	3.003,75	585,00
25.727.1706	2"	4.152,81	970,31
25.727.5000	Fire Extinguishing Systems with Gas for Enclosures		
25.727.5100	No-nozzle system: Extinguisher gas shall contain HFC-227ea / FK-5-1-12 and shall be stored at 12 /16 bar with dry nitrogen in CE-compliant cylinders to be used for fire protection for the electric/electrical equipment in the enclosure. In accordance with the approved project, the system shall contain a gas discharge valve, a fixing bracket, a manometer, and red plastic flexible sensor hoses with		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	heat-sensitive special orifices. When the temperature inside the protected enclosure rises around 110 °C, the fire will be detected and gas will be discharged once the special orifices on the flexible hose get torn up. Supply on site and delivery in working order of the cylinders, equipment, and all installation and fittings as per the project.		
25.727.5101	Max. 1 m3 - min. 1 kg	20.278,13	2.690,63
25.727.5102	Between 1-2 m3 - min 2 kg	21.740,63	2.690,63
25.727.5103	Between 2-3 m3 - min. 3 kg	22.553,13	2.690,63
25.727.5104	Between 3-4 m3 - min.4 kg	24.965,63	2.690,63
25.727.5105	Between 4-5 m3 - min. 5 kg	26.990,63	2.690,63
25.727.5106	Between 5-6 m3 - min. 6 kg	29.340,63	2.690,63
25.727.5200	Nozzle system: Extinguisher gas shall contain HFC-227ea / FK-5-1-12 and shall be stored at 12 /16 bar with dry nitrogen in CE-compliant cylinders to be used for fire protection for the electric/electrical equipment in the enclosure. In accordance with the approved project, the system shall contain a gas discharge valve, a fixing bracket, a manometer, red plastic flexible sensor hoses with heat-sensitive special orifices, and drawn steel pipe line and nozzles. When the temperature inside the protected enclosure rises around 110 °C, the fire will be detected and gas will be discharged once the special orifices on the flexible hose get torn up and the pressure inside the hose falls, triggering the valve on the cylinder to discharge the gas through the drawn steel pipes and nozzles. Supply on site and installation in working order of the cylinders, steel pipes, nozzles, other equipment, and all installation and fittings as per the project.		
25.727.5201	Max. 1 m3 - min. 1 kg	50.737,50	10.500,00
25.727.5202	Between 1-2 m3 - min 2 kg	52.787,50	10.500,00
25.727.5203	Between 2-3 m3 - min. 3 kg	55.450,00	10.500,00
25.727.5204	Between 3-4 m3 - min.4 kg	59.887,50	13.500,00
25.727.5205	Between 4-5 m3 - min. 5 kg	62.062,50	13.500,00
25.727.5206	Between 5-6 m3 - min. 6 kg	64.687,50	13.500,00
25.730.1000	KITCHEN EXTRACTION HOOD FIRE EXTINGUISHING SYSTEM: (Unit: Set) The supply and installation in conformance to the design and technical specification of the mechanical fire extinguishing system extinguishing the fires in the kitchen appliances (cooker, oven, oily fryer etc.), extraction hood or ventilation ducts by spraying onto the fire, through a fixed piping installation, an extinguishing chemical (potassium based) automatically with low PH value not causing corrosion on the metals, including the cylinder, cylinder control valve and head, cylinder fixing clamp, extinguisher, flexible connection hose, tension wire, extinguisher spray nozzles, mechanical drive unit, propellant driven gas cylinder, black steel extinguisher piping, chromium steel melting metal fuse wire protection piping, etc.		
25.730.1100	Detection and Triggering System: Molten Metal Fuse and Clamp, including tension wire, mechanical drive unit, chrome steel melting wire fuse protection pipe, fuse and drive mechanism tension wire corner turn roller, manual drive mechanism and connections, etc.		
25.730.1101	With Melting Metal Fuse	29.106,25	7.143,75
25.730.1200	Extinguishing Liquid, Cylinders and Installation: Including extinguisher liquid, cylinders, cylinder control valve and head, tube fixing clamps, extinguisher, flexible connecting hose, propellant driven gas cylinders, black steel extinguisher piping, etc.		
25.730.1201	With extinguishers up to 5 L	42.762,50	19.050,00
25.730.1202	With 6-10 L extinguisher	47.550,00	23.400,00
25.730.1203	With 11-15 L extinguisher	56.925,00	23.400,00
25.730.1204	With 16-20 L extinguisher	59.800,00	23.400,00
25.730.1205	With 21-25 L extinguisher	80.512,50	24.900,00
25.730.1206	With 26-30 L extinguisher	84.962,50	24.900,00
25.730.1207	With 31-35 L extinguisher	94.775,00	26.400,00
25.730.1300	Extinguisher Spray Nozzle:	1.392,50	125,00

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	Made of stainless steel, cooker with threaded connection, for the protection of oil fryer, oven, chimney, oil filter in the hood.		
25.730.2000	Differences To Be Paid Kitchen For The Hood Fire Extinguishing System: (Unit: Qty.)		
25.730.2002	Mechanical Remote Manual Drive Mechanism	1.316,25	217,50
25.730.2003	Contact Addition For The Detection System Connection	988,75	62,50
25.730.3100	Mechanical LPG or Natural Gas Shut-Off Valve: The mechanical valve that automatically cuts off the heater gas inlet by getting the open position to the closed position together with the fire extinguishing, depending on the tension wire that is released when the fused metal fuse breaks,		
25.730.3101	DN20	10.316,25	1.087,50
25.730.3102	DN25	12.693,75	1.087,50
25.730.3103	DN32	15.750,00	1.087,50
25.730.3104	DN40	17.462,50	1.087,50
25.730.3105	DN50	20.512,50	1.087,50
25.730.3200	Electrical LPG or Natural Gas Shut-Off Valve The electro-mechanical valve that cuts-off the gas inlet to the heater when, upon command coming to the cylinder for evacuation, the solenoid valve in the open position closes down with the de-energization and the fire is extinguished.		
25.730.3201	DN20	8.275,00	1.087,50
25.730.3202	DN25	9.685,00	1.087,50
25.730.3203	DN32	12.232,50	1.087,50
25.730.3204	DN40	14.050,00	1.087,50
25.730.3205	DN50	16.987,50	1.087,50
25.732.1100	Portable Fire Extinguishers With ABC Dry Chemical Powder: (Unit: Qty.) The supply, on-site installation, setting and the delivery in working order of portable extinguisher, being in compliance with the standard TS 862-7 EN 3-7+A1, released with CE compliance marking as per the Pressure Equipment Directive, suitable against ABC class fires, with dry chemical powder, under steady pressure or with internal cartridge, deep drawn body made of alloyed steel, outer surfaces phosphatized and painted with protective paint against corrosion, tag in accordance with EN standards, with safety valve, cylinder valve made of brass.		
25.732.1101	1 kg	768,75	125,00
25.732.1102	2 kg	843,75	125,00
25.732.1103	4 kg	1.193,75	156,25
25.732.1104	6 kg	1.253,75	156,25
25.732.1105	9 kg	1.964,38	234,38
25.732.1106	12 kg	2.400,00	250,00
25.732.1200	Portable Fire Extinguishers With Carbon Dioxide (CO2) Gas: (Unit: Qty.) The supply, on-site installation in compliance with the design and technical specification and the delivery in working order of portable extinguisher with CO2 gas, being in compliance with the standard TS 862-7 EN 3-7+A1, released with Pressure Equipment Directive compliance marking, suitable against B and C class fires, deep drawn seamless body, tag in accordance with EN standards, with safety valve, cylinder valve made of brass.		
25.732.1201	2 kg	2.456,25	125,00
25.732.1202	5 kg	3.257,50	125,00
25.732.1300	Portable Fire Extinguishers With Foam: (Unit: Qty.) The supply, on-site installation and the delivery in working order of portable extinguisher, in compliance with the standard TS 862-7 EN 3-7+A1, released with a CE compliance marking as per the 2014/68/EU Pressure Equipment Directive, under steady pressure or with internal cartridge, with AFFF type foam suitable for A and B class fire, deep drawn body made of alloyed steel, mixed with demineralized water, with internal and external coating resistant to corrosion, inside of the body is additionally coated with plastic, protective external paint tag in accordance with EN standards, with high pressure safety valve, cylinder valve made of brass, approved in accordance with TS EN 3-8.		
25.732.1301	6 kg	1.178,75	125,00

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.732.1302	9 kg	1.727,50	125,00
25.732.1400	Portable Fire Extinguishers with Water: (Unit: Qty.) The supply, on-site installation, setting and the delivery in working order of portable extinguisher, being in compliance with the standard TS 862-7 EN 3-7+A1, released with CE compliance marking as per the 2014/68/EU Pressure Equipment Directive, containing demineralized water, under steady pressure or with internal cartridge, suitable for A class fire, deep drawn body made of alloyed steel, with internal coating resistant to corrosion, protective external paint, tag in accordance with EN standards, with safety valve, cylinder valve made of brass, approved in accordance with TS EN 3-8.		
25.732.1401	6 kg	1.117,50	125,00
25.732.1402	9 kg	1.751,25	125,00
25.735.1000	FIRE EXTINGUISHING WITH FOAM:(Unit: Qty.)		
25.735.1100	Foam Fire Cabinet With 1"Hose: The supply and on-site installation of the equipment with the provision of min. 50 L AFFF foam, sheet metal parts with min. 70 micron powder coating (RAL 3001); the reel manufactured in compliance with the Directive 2014/68/EU on Pressure Equipment, released with CE compliance marking and consisting of two steel discs with a maximum diameter of 800 mm and a circular inner piece with a diameter not less than 200 mm and a drum for hoses with 25 mm internal diameter; the hose in compliance with the standard TS EN 694+A1, round, semi-rigid, hose diameter not exceeding 30 m; nozzle can be shut-off, with water jet or spray options, conforming to the standard TS EN 671-1, in compliance with the standard DIN 14384 for making foam+water mixture, mixing foam in 1% to 6% ratios with water by venturi principle, with a 1" adjustable foam mixer, having a 50 L volume foam tank, with foam suction hose, full bore ball valve, a cabinet in appropriate sizes as to take all these equipment, use of warning signs in conformance with the Directive (92/58/EEC) on Minimum Requirements For Safety and/or Health Signs In Work Sites.	26.850,00	1.837,50
25.735.1200	Foam Fire Cabinet With 2"Hose: The supply and on-site installation of the equipment with the provision of min. 50 L AFFF foam, sheet metal parts with min. 70 micron RAL 3001 powder coating; the reel manufactured in compliance with the Directive 2014/68/EU) on Pressure Equipment, and consisting of two steel discs with a maximum diameter of 800 mm and a circular inner piece with a diameter not less than 100 mm and a drum for textile coated rubber hoses with 50 mm internal diameter; the hose in compliance with the standard TS EN 9222, round, hose length of 20 m; nozzle can be shut-off, with water jet or spray options, conforming to the standard TS EN 671-2, in compliance with the standard DIN 14384 for making foam+water mixture, mixing foam in 1% to 6% ratios with water by venturi principle, with a 200 L/min capacity 1" adjustable foam mixer, having a 50 L volume foam tank, with 2" foam suction hose, full bore ball valve, a cabinet in appropriate sizes as to take all these equipment, use of warning signs in conformance with the Directive (92/58/EEC) on Minimum Requirements For Safety and/or Health Signs In Work Sites.	33.112,50	1.837,50
25.735.2100	FOAM PROPORTIONER: The supply of the proportioner, that can be clenched between two flanges or be of threaded type, working with venturi principle, mixing the foam with water at 3% or 6% ratio, with brass body, up to 4 bar, up to 12 bar operating pressure, internal parts made of brass.		
25.735.2101	Flow between 200-450 liters	14.203,75	4.500,00
25.735.2102	Flow between 450-1100 liters	15.835,00	4.500,00
25.735.2103	Flow between 1100-1600 liters	24.287,50	5.250,00
25.735.2104	Flow between 1700-2000 liters	28.450,00	5.250,00
25.735.2105	Flow between 2100-2400 liters	35.650,00	5.250,00
25.735.2200	BLADDER FOAM TANK: Body made of steel for 12 bar operating pressure, the inside coated with elastomeric material, manufactured in compliance with the Directive (2014/68/EU) Pressure Equipment, released with CE compliance marking, manufactured in compliance with the standard TS EN 13445 series or ASME SEC VIII DIV I, with lifting lugs on the body, having outlets for thermal relief valve, foam concentration valve, drain, filling and safety valves, with name plate. Supply and installation of equipment made of polyester designed in compliance with ASTM D-412, with foam level indicator and reinforced with neoprene polymers inside.		
25.735.2201	200 L	100.987,50	3.675,00
25.735.2202	400 L	137.175,00	3.675,00
25.735.2203	600 L	156.550,00	3.675,00

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.735.2204	1,000 L	183.050,00	3.675,00
25.735.2205	1,500 L	205.425,00	5.175,00
25.735.2206	2,000 L	236.550,00	5.175,00
25.735.2207	2,500 L	262.425,00	5.175,00
25.735.2208	3,000 L	335.925,00	5.175,00
25.735.2209	3,500 L	362.425,00	5.175,00
25.735.2210	4,000 L	408.300,00	5.175,00
25.737.1100	Smoke Vent Duct: (Unit: m²) Supply to the work site and installation of smoke-tight, flange-connected air ducts in accordance with the project and technical specifications, with other features as in item 25.470.1580-1590.		
25.737.1200	Smoke Evacuation Cover: (Unit: Set) The supply and on-site installation of the smoke evacuation cover in conformance to the design, with TS EN 12101-2 test certificate, heat insulated, made of profiles resistant to the outdoor environment, made of polycarbonate, glass, acrylic or aluminum surface material according to the place of use, working with electric motors or thermal pneumatic system, controlled by electrical battery or CO2 gas panels, manually opened by way of the emergency button upon the signal from the fire automation system.		
25.737.1201	Up to 1 m²	77.537,50	9.000,00
25.737.1202	Up to 2 m²	106.312,50	11.250,00
25.737.2100	Electro Mechanical Fire Curtain: (Unit: m²) The supply, on-site installation and delivery in working order of the electromechanical fire curtain with the strength calculations according to the design and approved by the administration, made of 1000 °C heat resistant fireproof fabric, wrapped on a drum mounted on a frame by way of roll bearings on both sides, intermediary transmission and installation adapters on both ends of the drum resistant to bending and buckling, with two U profiles anchored to the wall and to the floor on two sides for guiding the curtain up and down, a worm gearbox with TSEK quality certificate, with protective housing in front of the gearbox, limit switch, control panel, manual operation, if necessary. Note: In case of manual operation system, installed prices shall be increased by 20% with the installation fee remaining unchanged.		
25.737.2101	Up to 15 m² (price for 1 m²)	24.325,00	5.587,50
25.737.2102	Up to 30 m² (price for 1 m²)	22.293,75	5.043,75
25.737.2103	Up to 45 m² (price for 1 m²)	21.509,38	4.771,88
25.737.2104	Up to 65 m² (price for 1 m²)	20.725,00	4.500,00
25.740.1100	Fire Stop Clamp (Unit: Qty.) The supply and on-site installation of the fire stop clamp manufactured in compliance with the standard TS EN 1366-3 and the Directive (305/2011/EC) on Construction Products, released with CE compliance marking, produced specially for the purpose of preventing the flame and smoke of pipes made of combustible materials passing through walls and floors, to be used in the places shown in the approved design, filling the gap around the pipe during the fire with a intumescent (heat-expanding) graphite-based wrapper content, in ready-to-use condition. Pipe Diameter Range (mm)		
25.740.1101	Ø32 - Ø51 Fire Stop Clamp	488,75	93,75
25.740.1102	Ø52 - Ø64 Fire Stop Clamp	636,25	93,75
25.740.1103	Ø65 - Ø78 Fire Stop Clamp	701,25	93,75
25.740.1104	Ø79 - Ø91 Fire Stop Clamp	770,00	93,75
25.740.1105	Ø92 - Ø115 Fire Stop Clamp	946,25	125,00
25.740.1106	Ø116 - Ø125 Fire Stop Clamp	1.258,75	125,00
25.740.1107	Ø126 - Ø170 Fire Stop Clamp	1.705,00	125,00
25.740.1108	Ø171 - Ø199 Fire Stop Clamp	3.010,00	125,00
25.740.1109	Ø200 - Ø224 Fire Stop Clamp	5.343,75	156,25
25.740.1110	Ø225 - Ø249 Fire Stop Clamp	6.766,25	156,25
25.740.1111	Ø250 - Ø300 Fire Stop Clamp	9.188,75	156,25

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
25.740.1200	Fire Stop Wrap (Unit: Qty.) The supply and on-site installation of the fire stop wrap manufactured in compliance with the standard TS EN 1366-3 and the Directive (305/2011/EC) on Construction Products, released with CE compliance marking, produced specially for the purpose of preventing the flame and smoke of pipes made of combustible materials passing through walls and floors, to be used in the places shown in the approved design, filling the gap around the pipe during the fire with a intumescent (heat-expanding) graphite-based. Pipe Diameter Range (mm)		
25.740.1201	Ø32 - Ø51 Fire Stop Wrap	215,63	78,13
25.740.1202	Ø52 - Ø64 Fire Stop Wrap	330,00	125,00
25.740.1203	Ø65 - Ø78 Fire Stop Wrap	363,75	125,00
25.740.1204	Ø79 - Ø91 Fire Stop Wrap	405,00	125,00
25.740.1205	Ø92 - Ø115 Fire Stop Wrap	481,25	125,00
25.740.1206	Ø116 - Ø125 Fire Stop Wrap	658,75	156,25
25.740.1207	Ø126 - Ø170 Fire Stop Wrap	1.033,75	156,25
25.740.1208	Ø171 - Ø199 Fire Stop Wrap	1.118,75	187,50
25.740.2100	Cord-type Fire Retardant (Unit: Qty.) Supply and installation of an plate-type fire retardant in compliance with the approved project and TSEK 526, fixed on the top of the area to be protected, which contains a liquid fire retardant in polymer-wall capsules sized 20 to 100 microns with micro capsules secured in fire-proof composite material and cuts contact with oxygen at its output by automatically releasing the liquid fire-retardant material in gas form (FK-5-1-12) without any control requirement, for use in any panel, transformer, cabinet, power outlet housings, and similar other enclosed areas with electrical fire hazard. Note: The released gas (FK-5-1-12) shall be certified for being harmless to human health and the environment, and the fire-retarding capability of the product shall be tested by independent laboratories.		
25.740.2101	30 mm x 30 mm plate-type fire retardant (max. 0.2 L)	316,25	31,25
25.740.2102	45 mm x 85 mm plate-type fire retardant (max. 15 L)	1.165,00	31,25
25.740.2103	65 mm x 110 mm plate-type fire retardant (max. 25 L)	2.061,25	31,25
25.740.2104	90 mm x 130 mm plate-type fire retardant (max. 45 L)	3.421,25	31,25
25.740.2105	90 mm x 190 mm plate-type fire retardant (max. 60 L)	4.550,00	31,25
25.740.2200	Cord-type Fire Retardant (Unit: m) Supply and installation of an unpressurized cord-type fire retardant in compliance with the approved project and TSEK 527, fixed to the area to be protected, which contains a liquid fire retardant in polymer-wall capsules sized 20 to 100 microns with micro capsules secured in fire-proof composite material in dough and covered with protective mesh, and cuts contact with oxygen at its output by automatically releasing the liquid fire-retardant material in gas form (FK-5-1-12) without any control requirement, for use in any power distribution panel, fuse box, control panel, meter panels, cable ducts, electricity shafts, low-current panels, and similar other areas with electrical fire hazard. Note: The released gas (FK-5-1-12) shall be certified for being harmless to human health and the environment, and the fire-retarding capability of the product shall be tested by independent laboratories.		
25.740.2201	Cord-type fire retardant 3-5 mm in diameter, capable of protecting up to 50 L per meter	6.258,75	62,50
25.740.2202	Cord-type fire retardant 5-7 mm in diameter, capable of protecting up to 150 L per meter	11.193,75	62,50
25.740.2203	Cord-type fire retardant 7-9 mm in diameter, capable of protecting up to 300 L per meter	13.975,00	62,50



REPUBLIC OF TÜRKİYE
MINISTRY OF ENVIRONMENT, URBANIZATION,
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ELECTRICAL INSTALLATION
WORKS

2025



GENERAL PROVISIONS AND EXPLANATIONS FOR ELECTRICAL INSTALLATIONS

- 1- Prepared pursuant to Article 97, Paragraph 1, subparagraph (k) of Presidential Decree No. 1 on the Organization of the Presidency, regarding the Organization and Duties of our Ministry.
- 2- In case there are printer's and material errors in Unit Prices, the latest values as may be corrected by the Ministry of Environment, Urbanization, and Climate Change shall be taken as basis, and the amendments made accordingly shall be published in the page of the Higher Technical Board on www.csb.gov.tr or directly on <https://yfk.csb.gov.tr/>.
- 3- In case of a later change in the unit price standards applied, the latest versions of the standards in effect shall apply. Furthermore, they have to be supplied to the market securely in compliance with the applicable legislation.
- 4- The General Technical Specifications published by the Ministry of Environment, Urbanization, and Climate Change shall form an integral part of these unit prices and definitions.
- 5- The unit prices including installation and installation fees given in the list include the Contractor's 25% profit and overheads.
- 6- The list of materials and equipment in the Unit Price Lists that are not eligible for advance payment shall be determined by the relevant authorities.
- 7- For the materials and products listed below by name, type, and category to be used in contracted works, the following shall apply in order:
 - 8.1. Where a Turkish Standard (TS) has been published for a material but no TSE number is specified in the Unit Price Specification, a Certificate of Conformity to the relevant Turkish Standard shall be mandatory.
 - 8.2. here no Turkish Standard exists, documentation evidencing compliance with the established principles, international or foreign standards, or technical/special specifications shall be required.
 - 8.3. All documents referred to in (7.1) and (7.2) must be issued by authorized institutions.
- 8- All installation equipment shall be selected, applied, and commissioned in compliance with the provisions of the current "Regulation on the Protection of Buildings from Fire" and the "Construction Materials Regulation."
- 9- The values listed herein are exclusive of VAT.

(Effective as of January 1, 2025.)

TURKISH STANDARDS APPLICABLE TO ELEVATORS

SERIAL NO	TS NO.	SUBJECT OF STANDARD
1	TS EN 81-20	Elevators – Safety rules for the construction and installation of elevators – Passenger and goods elevators – Part 20: Passenger and goods elevators
2	TS EN 81-50	Elevators – Safety rules for the construction and installation of elevators – Examinations and tests – Part 50: Design rules, calculations, examinations, and tests of elevator components
3	TS EN 81-21+A1	Elevators – Safety rules for the construction and installation of elevators – Special applications for passenger and goods elevators – Part 21: New passenger and goods elevators in existing buildings – Directive 95/16/EC
4	TS EN 81-40	Elevators – Safety rules for the construction and installation of elevators – Special applications for passenger and goods elevators – Part 40: Stairlifts and inclined lifting platforms for persons with impaired mobility – Directive 2006/42/EC (98/37/EC)
5	TS EN 81-43	Elevators – Safety rules for the construction and installation of elevators – Special applications for passenger and goods elevators – Part 43: Elevators for cranes – Directive 2006/42/EC (98/37/EC)
6	TS EN 81-73	Elevators – Safety rules for the construction and installation of elevators – Construction and installation of elevators – Special applications for passenger and goods elevators – Part 73: Behavior of elevators in the event of fire – Directive 95/16/EC
7	TS CEN/TR 81-10	Elevators – Safety rules for the construction and installation of elevators – Basics and commentary – Part 10: Systematics of EN 81 series standards
8	TS EN 81-82	Elevators – Safety rules for the construction and installation of elevators – Existing elevators – Part 82: Improvement of accessibility to existing elevators, including for persons with disabilities
9	TS EN 81-28	Elevators – Safety rules for the construction and installation of elevators – Passenger and goods elevators – Part 28: Remote alarm on passenger and goods elevators – Directive 95/16/EC
10	TS EN 81-31	Elevators – Safety rules for the construction and installation of elevators – Passenger and goods elevators – Part 31: Open platform freight elevators
11	TS EN 81-3+A1/AC	Elevators – Safety rules for the construction and installation of elevators – Part 3: Electric and hydraulic service elevators – Directive 2006/42/EC (98/37/EC)

12	TS EN 81-58	Elevators – Safety rules for the construction and installation of elevators – Examinations and tests – Part 58: Fire resistance tests of landing doors – Directive 95/16/EC
13	TS EN 81-70	Elevators – Safety rules for the construction and installation of elevators – Special applications for passenger and freight elevators – Part 70: Accessibility to passenger elevators, including for persons with disabilities – Directive 95/16/EC
14	TS EN 81-72	Elevators – Safety rules for the construction and installation of elevators – Special applications for passenger and freight elevators – Part 72: Firefighters' elevators – Directive 95/16/EC
15	TS EN 81-80	Elevators – Safety rules for the construction and installation of elevators – Existing elevators – Part 80: Rules for improving the safety of existing passenger and freight elevators
16	TS EN 81-70/A1	Elevators – Safety rules for the construction and installation of elevators – Special applications for passenger and freight elevators – Part 70: Accessibility to passenger elevators, including for persons with disabilities – Directive 95/16/EC
17	TS EN 81-71+A1	Elevators – Safety rules for the construction and installation of elevators – Special applications for passenger and freight elevators – Part 71: Vandal-resistant elevators – Directive 95/16/EC
18	TS IEC 245-5	Cables – Rubber insulated – Rated voltages up to 450/750 V – Part 5: Elevator cables
19	TS EN 627	Rules for recording and monitoring data of elevators, escalators, and moving walks
20	TS EN 81-3+A1/AC	Elevators – Safety rules for the construction and installation of elevators – Part 3: Electric and hydraulic service elevators – Directive 2006/42/EC (98/37/EC)
21	TS 1812	Rules for calculation, design, and construction of elevators (for electric passenger and freight elevators)
22	TS ISO 4190-5	Passenger and service elevators – Part 5: Control devices, signals, and additional fittings
23	TS ISO 4190-6	Passenger and service elevators – Part 6: Passenger elevators in residential buildings – Planning and selection
24	TS ISO 4190-6/T1	Passenger and service elevators – Part 6: Passenger elevators in residential buildings – Planning and selection
25	TS ISO 7465	Passenger and freight elevators – Guide rails, elevator cars, and counterweights – T type
26	TS ISO 8100-30	Elevators for the transport of persons and goods – Part 30: Installation of Class I, II, III, and VI elevators

27	TS 8238 ISO 4190-2	Elevators – Dimensions for installation – Part 2: Class IV elevators
28	TS 8239	Elevators – Automatic doors – Dimensions for installation – Class V service elevators
29	TS EN 12016	Electromagnetic compatibility – Product family standard for elevators, escalators, and moving walks – Emission – Directive 2004/108/EC (89/336/EEC)
30	TS EN 12016+A1	Electromagnetic compatibility – Product family standard for elevators, escalators, and moving walks – Immunity – Directives 95/16/EC, 2006/42/EC (98/37/EC)
31	TS 12255	Authorized service providers – Rules for elevators, escalators, and moving walks
32	TS EN 12385-5	Steel wire ropes – Safety – Part 5: Stranded ropes for elevators – Directive 95/16/EC
33	TS EN 12385-5/AC	Steel wire ropes – Safety – Part 5: Stranded ropes for elevators – Directive 95/16/EC
34	TS EN 13015+A1	Maintenance for elevators and escalators – Rules for maintenance instructions – Directives 95/16/EC, 2006/42/EC (98/37/EC)
35	TS EN 115-1+A1	Safety of escalators and moving walks – Part 1: Construction and installation – Directive 2006/42/EC (98/37/EC)
36	TS 13299	Elevator and escalator maintenance and repair technicians
37	TS IEC 60227-6	Cables – Polyvinyl chloride insulated – Rated voltages up to 450/750 V – Part 6: Cables for elevators and flexible connections
38	TS EN ISO 13849-1	Safety of machinery – Safety-related parts of control systems – Part 1: General principles for design
39	TS EN 81-41	Elevators – Safety rules for the construction and installation of elevators – Special elevators for the transport of persons and goods – Calculations, examinations, and tests

TURKISH STANDARDS TO BE FOLLOWED FOR DIESEL GENERATOR SETS

SERIAL NO	TS. NO.	NAME OF STANDARD
1	TS ISO 8528-1	Alternating current generator sets driven by reciprocating internal-combustion engines – Part 1: Applications, declared values, and performance
2	TS ISO 8528-2	Alternating current generator sets driven by reciprocating internal-combustion engines – Part 2: Engines
3	TS ISO 8528-3	Alternating current generator sets driven by reciprocating internal-combustion engines – Part 3: Alternating current generators for generator sets
4	TS ISO 8528-4	Alternating current generator sets driven by reciprocating internal-combustion engines – Part 4: Controlgear and switchgear assemblies Reciprocating internal combustion engine driven alternating current generating sets — Part 4: Controlgear and switchgear
5	TS ISO 8528-5	Alternating current generator sets driven by reciprocating internal-combustion engines – Part 5: Generator sets
6	TS ISO 8528-6	Alternating current generator sets driven by reciprocating internal-combustion engines – Part 6: Test methods
7	TS ISO 8528-7	Alternating current generator sets driven by reciprocating internal-combustion engines – Part 7: Technical declarations for design and specification
8	TS ISO 8528-8	Alternating current generator sets driven by reciprocating internal-combustion engines – Part 8: Low-power generator sets - Requirements and tests
9	TS ISO 8528-9	Alternating current generator sets driven by reciprocating internal-combustion engines – Part 9: Measurement and evaluation of mechanical vibrations
10	TS ISO 8528-10	Alternating current generator sets driven by reciprocating internal-combustion engines – Part 10: Measurement of airborne noise by the enveloping surface method
11	TS ISO 8528-12	Alternating current generator sets driven by reciprocating internal-combustion engines – Part 12: Emergency power supply for safety services

12	TS EN ISO 8528-13	Generator sets driven by reciprocating internal-combustion engines – Safety
13	TS HD 60364-5-551	Electrical installations of buildings – Part 5: Selection and installation of electrical equipment – Section 55: Low-voltage generating sets
14	TS 4218	Reciprocating internal-combustion piston engines – Performance – Standard reference conditions; declaration of power, fuel consumption, and oil consumption
15	TS EN 60204-1/A1	Safety with machines - Electrical equipment of machines - Chapter 1: General rules Safety of machinery – Electrical equipment of machines – Part 1: General requirements

NOTES:

1- Radioactive lightning rods shall not be used in tenders as of 2002.

2-For lightning protection installations, the following shall apply: TS EN 62305-1/-2/-3/-4, TS EN 50164-1, TS EN 50164-2, and the Regulation on Grounding in Electrical Installations (Official Gazette No. 24500, dated August 21, 2001).

3- Roof-mounted radio, TV, and GSM antennas on buildings provided with external lightning protection shall also be protected by surge protective devices (SPDs). Grounding for these devices shall comply with the Regulation on Grounding in Electrical Installations (Official Gazette No. 24500, dated August 21, 2001).

4- Where required, the Administration may request a document from a nationally or internationally accredited laboratory for each type (e.g., protection radius).

5- Payments for panel-type surge protectors shall be made under Item 35.116.1000.



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HIGH-CURRENT INTERIOR INSTALLATION
UNIT PRICES AND SPECIFICATIONS

2025

35.100.-High Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.100.0000	ENCLOSURES:		
35.100.1000	Floor-standing galvanized steel enclosures (1st enclosure): (Unit: Qty.) The enclosure frame, its covers, housing, and all internal installation structure components used within, and its base shall be made of minimum 2-mm-thick pre-galvanized steel sheet, and be minimum 2000-mm high. All connections shall be made by fittings such as bolts and nuts or rivets. Also the base of the panel shall be minimum 100-mm high, and fixed to the panel with anchors and galvanized bolts at its four corners. The interior, exterior and frame of enclosures shall be coated with electrostatic powder paint. Perforated frames, supports, etc. shall be available on the enclosure based on the devices to be installed on enclosures as per the project design, and phases shall be painted in gray, black, and brown, busbars and insulators in neutral light blue as well as green/yellow earthing shall be installed as per TS EN 60445. The enclosures shall be manufactured in compliance with the 2014/35/EU Low Voltage Directive (LVD) and TS EN 61439-1/2 standards, and released with the CE compliance marking. The degree of protection of enclosures against mechanical impact shall be minimum IK10 in accordance with the TS EN 62262 standard. "Type tests" shall be carried out by an accredited organization as per the standards of TS EN 61439-1/2, and the results of such tests shall be submitted to the Administration. Production, transportation to the site and installation (excluding the cost of copper busbar and surge arrester) of first galvanized steel enclosures, and delivery of labels required for each device, any kind of material, and terminal blocks in working order including labor.		
35.100.1100	Minimum depth 400 mm:		
35.100.1101	Galvanized steel floor-standing enclosure, minimum width 400 mm	23.663,04	2.694,04
35.100.1103	Galvanized steel floor-standing enclosure, minimum width 600 mm	28.198,48	3.017,48
35.100.1104	Galvanized steel floor-standing enclosure, minimum width 700 mm	30.291,48	3.017,48
35.100.1105	Galvanized steel floor-standing enclosure, minimum width 800 mm	32.681,91	3.340,91
35.100.1106	Galvanized steel floor-standing enclosure, minimum width 900 mm	36.893,91	3.340,91
35.100.1107	Galvanized steel floor-standing enclosure, minimum width 1000 mm	41.364,35	3.664,35
35.100.1108	Galvanized steel floor-standing enclosure, minimum width 1200 mm	45.951,79	3.987,79
35.100.1150	Minimum depth 500 mm:		
35.100.1151	Galvanized steel floor-standing enclosure, minimum width 400 mm	25.769,04	2.694,04
35.100.1102	Galvanized steel floor-standing enclosure, minimum width 500 mm	25.769,04	2.694,04
35.100.1152	Galvanized steel floor-standing enclosure, minimum width 500 mm	27.875,04	2.694,04
35.100.1153	Galvanized steel floor-standing enclosure, minimum width 600 mm	30.291,48	3.017,48
35.100.1154	Galvanized steel floor-standing enclosure, minimum width 700 mm	32.358,48	3.017,48
35.100.1155	Galvanized steel floor-standing enclosure, minimum width 800 mm	36.893,91	3.340,91
35.100.1156	Galvanized steel floor-standing enclosure, minimum width 900 mm	41.040,91	3.340,91
35.100.1157	Galvanized steel floor-standing enclosure, minimum width 1000 mm	45.628,35	3.664,35
35.100.1158	Galvanized steel floor-standing enclosure, minimum width 1200 mm	54.284,79	3.987,79
35.100.1200	Minimum depth 600 mm:		
35.100.1201	Galvanized steel floor-standing enclosure, minimum width 400 mm	27.875,04	2.694,04
35.100.1202	Galvanized steel floor-standing enclosure, minimum width 500 mm	30.239,48	3.017,48
35.100.1203	Galvanized steel floor-standing enclosure, minimum width 600 mm	32.358,48	3.017,48
35.100.1204	Galvanized steel floor-standing enclosure, minimum width 700 mm	34.839,91	3.340,91
35.100.1205	Galvanized steel floor-standing enclosure, minimum width 800 mm	36.867,91	3.340,91
35.100.1206	Galvanized steel floor-standing enclosure, minimum width 900 mm	45.628,35	3.664,35
35.100.1207	Galvanized steel floor-standing enclosure, minimum width 1000 mm	53.961,35	3.664,35
35.100.1208	Galvanized steel floor-standing enclosure, minimum width 1200 mm	62.682,79	3.987,79
35.100.1250	Minimum depth 800 mm:		
35.100.1251	Galvanized steel floor-standing enclosure, minimum width 400 mm	32.384,48	3.017,48
35.100.1252	Galvanized steel floor-standing enclosure, minimum width 500 mm	34.477,48	3.017,48
35.100.1253	Galvanized steel floor-standing enclosure, minimum width 600 mm	36.893,91	3.340,91
35.100.1254	Galvanized steel floor-standing enclosure, minimum width 700 mm	38.986,91	3.340,91
35.100.1255	Galvanized steel floor-standing enclosure, minimum width 800 mm	41.390,35	3.664,35

35.100.-High Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.100.1256	Galvanized steel floor-standing enclosure, minimum width 900 mm	53.961,35	3.664,35
35.100.1257	Galvanized steel floor-standing enclosure, minimum width 1000 mm	62.682,79	3.987,79
35.100.1258	Galvanized steel floor-standing enclosure, minimum width 1200 mm	71.571,48	4.517,48
35.100.1300	Additional galvanized steel enclosures: (Unit: Qty.) Delivery of additional enclosures built by connection of the frames of adjacent enclosures by bolts in compliance with the specifications of the Price No. 35.100.1000 in working order including any kind of material and labor.		
35.100.1301	Additional galvanized steel floor-standing enclosure, minimum width 400 mm	23.442,73	2.473,73
35.100.1302	Additional galvanized steel floor-standing enclosure, minimum width 500 mm	25.769,04	2.694,04
35.100.1303	Additional galvanized steel floor-standing enclosure, minimum width 600 mm	27.888,04	2.694,04
35.100.1304	Additional galvanized steel floor-standing enclosure, minimum width 700 mm	30.291,48	3.017,48
35.100.1305	Additional galvanized steel floor-standing enclosure, minimum width 800 mm	32.384,48	3.017,48
35.100.1306	Additional galvanized steel floor-standing enclosure, minimum width 900 mm	36.867,91	3.340,91
35.100.1307	Additional galvanized steel floor-standing enclosure, minimum width 1000 mm	45.239,91	3.340,91
35.100.1308	Additional galvanized steel floor-standing enclosure, minimum width 1200 mm	53.935,35	3.664,35
35.100.2100	Surface-mounted galvanized steel electric panels (Unit: Qty.) The body and covers of the enclosures shall be made of pre-galvanized steel sheet that is minimum 1 mm thick for the enclosures sized up to 0.5 m ² , and minimum 1.5 mm thick for the enclosures larger than 0.5 m ² . It shall be minimum 200 mm deep and all connections shall be made by fittings such as bolts and nuts or rivets. The holes required for cable entry shall be drilled on the cover, and bakelite or plastic bushings shall be installed in the holes to keep the insulation of the conductors intact. Also, labels for each device shall be affixed on the internal cover. Gray, black and brown, fireproof terminal blocks or busbars, light blue neutral and green/yellow earthing busbars in compliance with TS EN 60445 shall be available in sufficient number for the phase lines inside the enclosure. Inside and outside of the enclosure shall be coated with electrostatic powder, and the enclosure door shall be attached to the main body by flexible conductors and earthed. Supply, transportation to the work site and installation of the enclosure in working order including any material, terminal blocks and labor. Unit: m ² values specified in sub-items stand for the area of the internal cover. The fuse switches, etc. and earthing installation inside the enclosure shall be paid separately. Note: The enclosures shall be manufactured in compliance with the 2014/35/EU Low Voltage Directive (LVD) and TS EN 61439-1/2 standards, and released with the CE compliance marking. The degree of protection of enclosures against mechanical impact shall be minimum IK08 in accordance with the TS EN 62262 standard. "Type tests" shall be carried out by an accredited organization as per the standards of TS EN 61439-1/2, and the results of such tests shall be submitted to the Administration.		
35.100.2101	From 0.05 to 0.10 m ² (including 0.10 m ²)	3.046,78	689,88
35.100.2102	From 0.10 to 0.20 m ² (including 0.20 m ²)	3.991,38	698,48
35.100.2103	From 0.20 to 0.30 m ² (including 0.30 m ²)	4.964,58	707,08
35.100.2104	From 0.30 to 0.40 m ² (including 0.40 m ²)	5.917,78	724,28
35.100.2105	From 0.40 to 0.50 m ² (including 0.50 m ²)	6.846,78	732,88
35.100.2106	From 0.50 to 0.60 m ² (including 0.60 m ²)	7.800,46	741,46
35.100.2107	From 0.60 to 0.70 m ² (including 0.70 m ²)	8.732,06	750,06
35.100.2108	From 0.70 to 0.80 m ² (including 0.80 m ²)	9.702,66	758,66
35.100.2109	From 0.80 to 0.90 m ² (including 0.90 m ²)	10.647,26	767,26
35.100.2110	From 0.90 to 1.00 m ² (including 1.00 m ²)	11.595,76	775,86
35.100.2200	Flush-mounted galvanized steel electric panels (Unit: Qty.) Supply, transportation to the work site and installation, and delivery in working order including any material, terminal blocks and labor of a flush-mounted galvanized steel enclosure that is minimum 150 mm deep and is equipped with a galvanized fixing frame for wall mounting and identical with Unit price no. 35.100.2100 in terms of other specifications. Unit: Identical with the item No. 35.100.2100. Note: The enclosures shall be manufactured in compliance with the 2014/35/EU Low Voltage Directive (LVD) and TS EN 61439-1/2 standards, and released with the CE compliance marking. The degree of protection of enclosures against mechanical impact shall be minimum IK08 in accordance with the TS EN 62262 standard. "Type tests" shall be carried out by an accredited organization as per the standards of TS EN 61439-1/2, and the results of such tests shall be submitted to the Administration.		
35.100.2201	From 0.05 to 0.10 m ² (including 0.10 m ²)	3.155,18	681,28

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.100.2202	From 0.10 to 0.20 m ² (including 0.20 m ²)	4.138,78	689,88
35.100.2203	From 0.20 to 0.30 m ² (including 0.30 m ²)	5.172,58	707,08
35.100.2204	From 0.30 to 0.40 m ² (including 0.40 m ²)	6.156,18	715,68
35.100.2205	From 0.40 to 0.50 m ² (including 0.50 m ²)	7.137,18	724,28
35.100.2206	From 0.50 to 0.60 m ² (including 0.60 m ²)	8.129,88	732,88
35.100.2207	From 0.60 to 0.70 m ² (including 0.70 m ²)	9.113,46	741,46
35.100.2208	From 0.70 to 0.80 m ² (including 0.80 m ²)	10.123,06	750,06
35.100.2209	From 0.80 to 0.90 m ² (including 0.90 m ²)	11.119,66	758,66
35.100.2210	From 0.90 to 1.00 m ² (including 1.00 m ²)	12.107,16	767,26
35.100.6100	Steel enclosures (1st enclosure): (Unit: Qty.) (TS EN IEC 61439-1/2). Note: "Type tests" shall be carried out by an accredited organization, and the results of such tests shall be submitted to the Administration. Enclosures that are 2,100 mm high, at least 500 mm deep, and 800 to 900 mm wide as may be needed, and made from 40 x 40 x 4 mm bracket or a similar profile iron in free-standing system with a frame that is made of minimum 2-mm-thick DKP steel sheet and covered with the same type of steel sheet shall be installed. A 10-cm-high concrete base shall be built on the floor for the enclosure which shall be installed by its four corners with anchors and galvanized bolts. A wire mesh housing shall be built with steel sheet up to 1 meter from the ground and the upper part made of Ø3 mm steel wire with 30-mm openings including doors on both sides of the 75-cm-wide tunnel at the back of the tray with one of such doors being foldable. The interior, exterior and the frame of the enclosure shall be coated with a layer of red lead, two layers of matte gun-sprayed paint and oven-dried, the service tunnel behind the tray shall be made of wood and coated with PVC or linoleum. When additional steel panels are used, the fixed wire-mesh guard and the steel-sheet section at the joint between the main panel and the additional panels shall be installed at the end of the added panels, and the service walkway flooring shall be extended along the length of the additional panels. Where required by the inspection authority, wooden railings that are 80 to 100 cm high, painted in the same color as the enclosure, and with a section size of 5 x 10 cm shall be built, and the tunnel behind the panel shall be covered with a wire mesh housing that is made from Ø3 mm steel wires with 30 mm openings. Perforated frames, supports, etc. shall be available on the enclosure based on the devices to be installed on enclosures as per the project design, phases shall be painted in gray, black, and brown As per TS EN 60445. Neutral light blue busbars and insulators shall be installed, a L.V. surge arrestor and earthing lines in green/yellow shall be installed on enclosures where necessary. Delivery in working order of the first sheet metal panel, including fabrication, transport to site, and installation; complete with all required device labels, terminal blocks, and materials, as well as all minor labor and mounting accessories(excluding the cost of copper busbars, lockable wire-mesh doors, and wire-mesh surge protection enclosures).		
35.100.6101	With 800 mm width	36.684,35	3.664,35
35.100.6102	900 mm width (Where wooden railings are made, it shall be paid at construction unit prices.)	39.388,35	3.664,35
35.100.6200	Special steel enclosures: (Unit: Qty.) (TS EN 61439-1/2) Note: "Type tests" shall be carried out by an accredited organization, and the results of such tests shall be submitted to the Administration. A fully enclosed panel with 1800-mm height, 350-mm depth and 500-mm width, covered with 2-mm DKP steel sheet, and installed on a bracket or iron profile frame; drilling of the holes necessary per the relevant project design on the enclosure with locked doors in front, at the back or on both sides, coating the internal and external frames of the panel with oven-dried or cellulose paint, including the supply of any minor material and terminal blocks for connections, installation and labor.		
35.100.6201	Enclosure with front cover	33.928,35	3.664,35
35.100.6202	Enclosure with front and rear cover	35.696,35	3.664,35
35.100.6300	Additional steel enclosures: (Unit: Qty.) An additional steel enclosure shall be built under the same conditions as the Item No. 35.100.6100 and with the modifications given below. These enclosures shall have a steel sheet on their front side only. They shall be installed together with the first panel, and only the last panel shall be provided with a sheet-metal wire-mesh guard adjacent to it. Adjacent enclosures shall be joined by attachment of the frame by bolts.		
35.100.6301	With 800 mm width	25.855,35	3.664,35
35.100.6302	900 mm width	29.144,35	3.664,35
35.100.6350	Wire-mesh steel sheet door (Unit: m²) Installation of steel doors with wire mesh at the same height as the enclosure and that are made from 2-mm DKP steel sheet up to 1 m from the ground and wire mesh housing made with 30-mm openings made from Ø3-mm steel wires for covering of the 75-cm-wide tunnel behind the enclosure and its placement behind the enclosure where necessary, including a lock that can be opened and a frame, production, transportation to the work site, and installation on the panel, of a single mesh sheet metal door, including DKP sheet metal, building a door with upper side designed as wire mesh that is made from Ø3	2.465,05	1.293,75

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	mm steel wires with 30-mm openings, a lock that can be unlocked with a Yale key, 40 x 40 x 4 mm bracket or a similar iron profile frame, any minor material, which is coated with a single layer of red lead, two layers of gun-sprayed paint, and over dried including labor. Unit: The area of the wire-mesh steel door shall be measured in m ² .		
35.100.6351	Wire-mesh guard: (Unit: m²) Production, transportation to site, and installation of a fixed wire-mesh guard with the same specifications as Item No. 35.100.6350.	2.309,05	1.293,75
35.100.6400	Surface-mounted steel electric panels: (Unit: Qty.) (TS EN 61439-1/2) Note: "Type tests" shall be carried out by an accredited organization, and the results of such tests shall be submitted to the Administration. . A surface-mounted platform made from minimum 1-mm-thick DKP steel sheet shall be installed. The panel shall consist of three parts. A lockable door, a steel box with bracket or profile frame and a key lock, an internal door with holes on the chassis supporting the devices for controlling the devices, and means of attachment welded on the steel box, which shall facilitate attachment and removal of the chassis. Depending on the project design, the box shall have an opening on the side through which various conductors are to enter the box, and the said opening shall be covered with a steel sheet cap mounted on the box with screws. The holes required for cable entry shall be drilled on the cover, and bakelite or plastic bushings shall be installed in the holes to keep the insulation of the conductors intact. The chassis shall be placed on brackets or a panel made of bent DKP. It shall be possible to mount all devices, terminal blocks and similar equipment on the chassis. The internal door with holes shall be easily mountable on the chassis for controlling the devices on the panel. Once the internal door is removed, all connections and devices in the panel shall be exposed, and this door shall be decorated with tags for each device. The aforementioned three parts shall be detachable without removing the panel. The projects concerning placement of devices in the panel shall be prepared in compliance with the type projects, submitted to the administration for approval, and manufactured only thereafter. A sufficient number of gray, black and brown, fireproof terminal blocks or busbars, and light blue neutral and green/yellow earthing busbars shall be available for the phase lines on the panel in compliance with TS EN 60445, and all iron parts shall be coated in a layer of red lead and two layers of gun-sprayed paint, and the panel's door shall be attached to the main body with a flexible conductor and earthed. Supply, transportation to the work site and installation of the panel. Delivery in working order, including any material and electric terminal blocks and labor. Unit: The internal door area shall be compared to the values given in the approved project, and the payment shall be made accordingly. This amount includes any minor material, paint, connection and installation. The fuse switches, etc. and earthing installation on the panel shall be paid separately.		
35.100.6401	From 0.05 to 0.10 m ² (including 0.10 m ²)	2.578,78	689,88
35.100.6402	From 0.10 to 0.20 m ² (including 0.20 m ²)	3.367,38	698,48
35.100.6403	From 0.20 to 0.30 m ² (including 0.30 m ²)	4.132,58	707,08
35.100.6404	From 0.30 to 0.40 m ² (including 0.40 m ²)	5.644,78	724,28
35.100.6405	From 0.40 to 0.50 m ² (including 0.50 m ²)	6.816,88	732,88
35.100.6500	Flush-mounted steel electric panels: (Unit: Qty.) (TS EN 61439-1/2) Note: "Type tests" shall be carried out by an accredited organization, and the results of such tests shall be submitted to the Administration. . The Item no. 35.100.6400 shall apply. In addition, an iron profile mounting frame shall be available for flush mounting the box in the wall. The steel box shall be easily mountable on this mounting frame. Unit: Identical with the item No. 35.100.6400.		
35.100.6501	From 0.05 to 0.10 m ² (including 0.10 m ²)	2.635,18	681,28
35.100.6502	From 0.10 to 0.20 m ² (including 0.20 m ²)	3.475,78	689,88
35.100.6503	From 0.20 to 0.30 m ² (including 0.30 m ²)	4.561,58	707,08
35.100.6504	From 0.30 to 0.40 m ² (including 0.40 m ²)	6.299,18	715,68
35.100.6505	From 0.40 to 0.50 m ² (including 0.50 m ²)	7.601,28	724,28
35.100.6550	Special power cables for air conditioning, ventilation and cooling systems: Drilling of installation holes for installation of air conditioning, ventilation and cooling systems shall be as specified for the items 35.100.2100-2200-6400-6500-6560-6580 for other specifications, and unit prices including installation and installation charges in this unit price shall be implemented with a 25% surcharge, depending on the relevant project. (The unit prices of automatic control and indicator instruments shall be paid separately based on the relevant unit prices without any extra charge) TS EN 61439-1/2 standards shall apply. Note: "Type tests" shall be carried out by an accredited organization, and the results of such tests shall be submitted to the Administration.		
35.100.6560	Government lodging-type steel electric panels up to 0.05 m²: (Unit: Qty.) Note: "Type tests" shall be carried out by an accredited organization, and the results of such tests shall be submitted to the Administration. . Supply of surface-mounted 0.5-mm-thick DKP sheet metal panels coated with a layer of red	2.369,18	672,68

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	lead and two layers of gun-sprayed paint for buildings such as government lodgings, apartments, etc. It shall be bent to form a u-profile with a wing firmly attached to the fuse slots so as to fix the fuse bodies and the other wing firmly attached to the base so that the caps of fuse buttons are left outside and easily removed. Installation in its designated location (except for the fuses), and delivery including any material and labor.		
35.100.6580	Government lodging-type electric panel with automatic breaker: (Unit: Qty.) The same as 35.100.6560, and shall be manufactured exclusively for automatic breakers. (Except for switched fuses.)		
35.100.6581	4-fuse	646,10	328,60
35.100.6582	8-fuse	729,46	329,46
35.100.6583	12-fuse	820,31	330,31
35.100.7000	Supply and installation, and coloring in compliance with TS EN 60445 of TSE-compliant copper busbars to be placed in cast metal boxes and enclosures: (Unit: kg)	919,49	323,44
35.100.7100	Halogen-free, flame-retardant, surface-mounted panels: (Unit: Qty.) TS EN 60670-24, IEC 60331, TS 61034, TS 50200, TS EN 50266, TS EN 60754-1 Note: 1- Type tests shall be carried out by an accredited organization, and the tests results shall be submitted to the Administration. 2- Fuses shall be paid separately as specified in the relevant items.		
35.100.7101	4 Automatic breaker	531,86	325,16
35.100.7102	6 Automatic breaker	637,16	325,16
35.100.7103	For 8 Automated fuse	747,21	326,01
35.100.7104	12 Automatic breaker	854,68	326,88
35.100.7105	16 Automatic breaker	1.036,68	326,88
35.100.7106	18 Automatic breaker	1.226,04	327,74
35.100.7107	24 Automatic breaker	1.362,10	328,60
35.100.7108	36 Automatic breaker	1.726,96	329,46
35.100.7200	Halogen-free, flame-retardant, flush-mounted panels: (Unit: Qty.) TS EN 60670-24, IEC 60331, TS 61034, TS 50200, TS EN 50266, TS EN 60754-1 Note: 1- Type tests shall be carried out by an accredited organization, and the tests results shall be submitted to the Administration. 2- Fuses shall be paid separately as specified in the relevant items.		
35.100.7201	4 Automatic breaker	531,86	325,16
35.100.7202	6 Automatic breaker	637,16	325,16
35.100.7203	For 8 Automated fuse	747,21	326,01
35.100.7204	12 Automatic breaker	854,68	326,88
35.100.7205	16 Automatic breaker	1.036,68	326,88
35.100.7206	18 Automatic breaker	1.226,04	327,74
35.100.7207	24 Automatic breaker	1.362,10	328,60
35.100.7208	36 Automatic breaker	1.726,96	329,46
35.105.0000	PROTECTION, CONTROL AND SWITCHING PRODUCTS The value stated in the expression "up to" in the sub-positions of the protection, control and switching group products is included in the pose.		
35.105.1000	CIRCUIT BREAKERS:		
35.105.1100	Automatic Breakers (with min. 3-kA breaking capacity): (Unit: Qty.) Supply and installation, including any material and labor, of an automatic breaker with min. 3-kA short-circuit breaking capacity, 2 and 4 pole versions of which are capable of breaking neutral and phase lines, B or C curve, which was manufactured in compliance with the TS 5018-1 EN 60898-1 standards and released with CE marking, and which also functions as a switch.		
35.105.1110	Up to 16 A (min. 3 kA)	215,80	129,38
35.105.1111	Up to 25 A (min. 3 kA)	215,80	129,38
35.105.1112	Up to 40 A (min. 3 kA)	250,60	129,38
35.105.1113	Up to 63 A (min. 3 kA)	291,20	129,38
35.105.1120	Single-phase, neutral-breaking, Up to 16 A (min. 3 kA)	343,60	129,38
35.105.1121	Single-phase, neutral-breaking, Up to 25 A (min. 3 kA)	343,60	129,38

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.105.1122	Single-phase, neutral-breaking, Up to 40 A (min. 3 kA)	460,35	129,38
35.105.1123	Single-phase, neutral-breaking, Up to 63 A (min. 3 kA)	599,60	129,38
35.105.1130	3-phase, Up to 16 A (min. 3 kA)	508,11	129,38
35.105.1131	3-phase, Up to 25 A (min. 3 kA)	508,11	129,38
35.105.1132	3-phase, Up to 40 A (min. 3 kA)	583,51	129,38
35.105.1133	3-phase, Up to 63 A (min. 3 kA)	721,55	129,38
35.105.1140	3-phase, neutral-breaking, Up to 16 A (min. 3 kA)	617,23	129,38
35.105.1141	3-phase, neutral-breaking, Up to 25 A (min. 3 kA)	617,23	129,38
35.105.1142	3-phase, neutral-breaking, Up to 40 A (min. 3 kA)	741,93	129,38
35.105.1143	3-phase, neutral-breaking, Up to 63 A (min. 3 kA)	922,60	129,38
35.105.1200	Automatic Breakers (with min. 6-kA breaking capacity): (Unit: Qty.) Supply and installation, including any material and labor, of an automatic breaker with min. 6-kA short-circuit breaking capacity, which has the same specifications as the item 35.105.1100.		
35.105.1210	Up to 16 A (min. 6 kA)	230,88	129,38
35.105.1211	Up to 25 A (min. 6 kA)	230,88	129,38
35.105.1220	Single-phase, neutral-breaking, Up to 16 A (min. 6 kA)	432,71	129,38
35.105.1222	Single-phase, neutral-breaking, Up to 40 A (min. 6 kA)	515,08	129,38
35.105.1223	Single-phase, neutral-breaking, Up to 63 A (min. 6 kA)	649,64	129,38
35.105.1212	Up to 40 A (min. 6 kA)	272,64	129,38
35.105.1221	Single-phase, neutral-breaking, Up to 25 A (min. 6 kA)	438,51	129,38
35.105.1213	Up to 63 A (min. 6 kA)	339,91	129,38
35.105.1232	3-phase, Up to 40 A (min. 6 kA)	674,00	129,38
35.105.1231	3-phase, Up to 25 A (min. 6 kA)	587,00	129,38
35.105.1230	3-phase, Up to 16 A (min. 6 kA)	587,00	129,38
35.105.1240	3-phase, neutral-breaking, Up to 16 A (min. 6 kA)	845,68	129,38
35.105.1233	3-phase, Up to 63 A (min. 6 kA)	878,15	129,38
35.105.1312	Up to 40 A (min. 10 kA)	353,84	129,38
35.105.1313	Up to 63 A (min. 10 kA)	437,35	129,38
35.105.1243	3-phase, neutral-breaking, Up to 63 A (min. 6 kA)	1.170,48	129,38
35.105.1300	Automatic Breakers (with min. 10-kA breaking capacity) (Unit: Qty.) Supply and installation, including any material and labor, of an automatic breaker with min. 10-kA short-circuit breaking capacity, which has the same specifications as the item 35.105.1100.		
35.105.1241	3-phase, neutral-breaking, Up to 25 A (min. 6 kA)	851,48	129,38
35.105.1310	Up to 16 A (min. 10 kA)	301,64	129,38
35.105.1320	Single-phase, neutral-breaking, Up to 16 A (min. 10 kA)	491,48	129,38
35.105.1242	3-phase, neutral-breaking, Up to 40 A (min. 6 kA)	935,00	129,38
35.105.1311	Up to 25 A (min. 10 kA)	302,80	129,38
35.105.1321	Single-phase, neutral-breaking, Up to 25 A (min. 10 kA)	493,95	129,38
35.105.1322	Single-phase, neutral-breaking, Up to 40 A (min. 10 kA)	563,83	129,38
35.105.1323	Single-phase, neutral-breaking, Up to 63 A (min. 10 kA)	784,89	129,38
35.105.1330	3-phase, Up to 16 A (min. 10 kA)	809,71	129,38
35.105.1331	3-phase, Up to 25 A (min. 10 kA)	810,88	129,38
35.105.1332	3-phase, Up to 40 A (min. 10 kA)	941,95	129,38
35.105.1333	3-phase, Up to 63 A (min. 10 kA)	1.298,08	129,38
35.105.1340	3-phase, neutral-breaking, Up to 16 A (min. 10 kA)	909,98	129,38
35.105.1341	3-phase, neutral-breaking, Up to 25 A (min. 10 kA)	911,68	129,38
35.105.1342	3-phase, neutral-breaking, Up to 40 A (min. 10 kA)	1.069,04	129,38
35.105.1343	3-phase, neutral-breaking, Up to 63 A (min. 10 kA)	1.423,05	129,38

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.105.1500	Knife Fuses (Unit: Qty.) (TS EN 60269-1) Supply and installation, including any labor, material and gloves for removing the fuse cartridge for each type of fuse in similar size in each panel, of knife fuses complete with their bases, of which cartridge bodies are made of steatite or BMC with a high strength against short circuit current, which have undergone type tests, and have a minimum breaking capacity of 100 kA at 400 V. The cartridges shall not be made of low quality porcelain. The unit price shall be raised by 20% for 120 kA breaking capacity, and the installation charge shall not change. (BMC: Bould Molded Case)		
35.105.1501	Up to 25 A	505,19	214,69
35.105.1502	Up to 63 A	505,19	214,69
35.105.1503	Up to 100 A	505,19	214,69
35.105.1504	Up to 160 A	533,03	214,69
35.105.1505	Up to 250 A	727,91	214,69
35.105.1506	Up to 400 A	936,71	214,69
35.105.1507	Up to 630 A	1.435,51	214,69
35.105.1508	Up to 1000 A	10.090,46	214,69
35.105.1600	Fuse Switches: (Fuse Knife Disconnectors) (Unit: Qty.) (TS EN 60947-3) Supply and installation, including any material and labor, of switches which were type-tested in compliance with the AC 23 class, which are capable of breaking on both sides, made of V0 fire-resistant fiberglass-reinforced polyester, sheds the energy off its contacts when the current is cut out, which has knife fuses with arc suppression cells depending on the current to be used in the switch body, and has a minimum breaking capacity of 60 kA. If the breaking capacity is above 60 kA, the unit price shall be raised by 20%, and the original installation charge shall apply without any surcharge.		
35.105.1601	Up to 3 x 25 A (3-phase)	1.338,44	323,44
35.105.1602	Up to 3 x 63 A (3-phase)	1.338,44	323,44
35.105.1603	Up to 3 x 100 A (3-phase)	1.338,44	323,44
35.105.1604	Up to 3 x 160 A (3-phase)	1.488,44	323,44
35.105.1605	Up to 3 x 250 A (3-phase)	3.448,44	323,44
35.105.1606	Up to 3 x 400 A (3-phase)	5.063,44	323,44
35.105.1607	Up to 3 x 630 A (3-phase)	6.903,44	323,44
35.110.1000	Molded-case circuit breakers: (Unit: Qty.) Supply and installation, including any material and labor, of compact latching switches capable of breaking in air environment, equipped with an activation mechanism independent of hand movements, and with thermal overload and magnetic short-circuit protection and with an Ics equivalent to minimum 50% of the Icu value, and which bear a CE mark and comply with the TS EN 60947-2 standard. (I1: Adjustable thermal protection activation current, I3: Fixed or adjustable magnetic protection activation current, In: Nominal current, Icu: Short-circuit breaking capacity, Ics: Operating short-circuit breaking capacity). Note: The items shall have undergone type tests.		
35.110.1100	3-pole, minimum Icu at 400 V AC: 35 kA, adjustable thermal protection, fixed magnetic protection		
35.110.1101	3 x 10 A to 3 x 63 A, Icu: 35 kA, I1: (0.8-1)In	3.194,30	375,00
35.110.1102	Up to 3 x 100 A, Icu: 35 kA, I1: (0.8-1)In	3.248,68	429,38
35.110.1103	Up to 3 x 125 A, Icu: 35 kA, I1: (0.8-1)In	4.161,05	483,75
35.110.1104	Up to 3 x 160 A, Icu: 35 kA, I1: (0.8-1)In	4.282,05	483,75
35.110.1105	Up to 3 x 200 A, Icu: 35 kA, I1: (0.8-1)In	5.260,43	538,13
35.110.1106	Up to 3 x 250 A, Icu: 35 kA, I1: (0.8-1)In	5.854,43	538,13
35.110.1150	3-pole, minimum Icu at 400 V AC: 35 kA, adjustable thermal protection, magnetic protection setting		
35.110.1151	Up to 3 x 400 A, Icu: 35 kA, I1: (0.8-1)In, I3: (6-10)In	14.566,43	538,13
35.110.1152	Up to 3 x 500 A, Icu: 35 kA, I1: (0.8-1)In, I3: (6-10)In	16.765,80	592,50
35.110.1153	Up to 3 x 630 A, Icu: 35 kA, I1: (0.8-1)In, I3: (6-10)In	19.471,80	592,50
35.110.1154	Up to 3 x 800 A, Icu: 35 kA, I1: (0.8-1)In, I3: (6-10)In	31.087,18	646,88
35.110.1200	3-pole, minimum Icu at 400 V AC: 50 kA, adjustable thermal protection, fixed magnetic protection		
35.110.1201	3 x 10 A to 3 x 63A, Icu: 50 kA, I1: (0.8-1)In	3.271,30	375,00

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.110.1202	Up to 3 x 100 A, Icu: 50 kA, I1: (0.8-1)In,	3.325,68	429,38
35.110.1203	Up to 3 x 125 A, Icu: 50 kA, I1: (0.8-1)In	4.255,35	483,75
35.110.1204	Up to 3 x 160 A, Icu: 50 kA, I1: (0.8-1)In	4.375,35	483,75
35.110.1205	Up to 3 x 200 A, Icu: 50 kA, I1: (0.8-1)In	5.678,43	538,13
35.110.1206	Up to 3 x 250 A, Icu: 50 kA, I1: (0.8-1)In	6.151,43	538,13
35.110.1250	3-pole, minimum Icu at 400 V AC: 50 kA, adjustable thermal protection, magnetic protection setting		
35.110.1251	Up to 3 x 400 A, Icu: 50 kA, I1: (0.8-1)In, I3: (6-10)In	16.722,43	538,13
35.110.1252	Up to 3 x 500 A, Icu: 50 kA, I1: (0.8-1)In, I3: (6-10)In	19.394,80	592,50
35.110.1253	Up to 3 x 630 A, Icu: 50 kA, I1: (0.8-1)In, I3: (6-10)In	21.781,80	592,50
35.110.1254	Up to 3 x 800 A, Icu: 50 kA, I1: (0.8-1)In, I3: (6-10)In	29.811,18	646,88
35.110.1300	3-pole, minimum Icu at 400 V AC: 50 kA, electronic protection		
35.110.1301	Up to 3 x 1000 A Icu: 50 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	41.618,58	646,88
35.110.1302	Up to 3 x 1250 A Icu: 50 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	44.588,58	646,88
35.110.1303	Max. 3 x 1600 A Icu: 50 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	61.114,51	782,81
35.110.1350	3-pole, minimum Icu at 400 V AC: 65 kA, adjustable thermal protection, fixed magnetic protection		
35.110.1351	3 x 10 A to 3 x 63 A, Icu: 65 kA, I1: (0.8-1)In	3.667,30	375,00
35.110.1352	Up to 3 x 100 A, Icu: 65 kA, I1: (0.8-1)In	3.784,40	429,38
35.110.1353	Up to 3 x 125 A, Icu: 65 kA, I1: (0.8-1)In	4.502,05	483,75
35.110.1354	Up to 3 x 160 A, Icu: 65 kA, I1: (0.8-1)In	4.678,05	483,75
35.110.1355	Up to 3 x 200 A, Icu: 65 kA, I1: (0.8-1)In	6.448,43	538,13
35.110.1356	Up to 3 x 250 A, Icu: 65 kA, I1: (0.8-1)In	7.075,43	538,13
35.110.1400	3-pole, minimum Icu at 400 V AC: 65 kA, adjustable thermal protection, magnetic protection setting		
35.110.1401	Up to 3 x 400 A, Icu: 65 kA, I1: (0.8-1)In, I3: (6-10)In	19.945,43	538,13
35.110.1402	Up to 3 x 500 A, Icu: 65 kA, I1: (0.8-1)In, I3: (6-10)In	22.991,80	592,50
35.110.1403	Up to 3 x 630 A, Icu: 65 kA, I1: (0.8-1)In, I3: (6-10)In	25.532,80	592,50
35.110.1404	Up to 3 x 800 A, Icu: 65 kA, I1: (0.8-1)In, I3: (6-10)In	35.839,18	646,88
35.110.1450	3-pole, minimum Icu at 400 V AC: 65 kA, electronic protection		
35.110.1451	Up to 3 x 1000 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	50.990,58	646,88
35.110.1452	Up to 3 x 1250 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	52.684,58	646,88
35.110.1453	Up to 3 x 1600 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	63.446,51	782,81
35.110.1500	4-pole, minimum Icu at 400 V AC: 35 kA, adjustable thermal protection, fixed magnetic protection		
35.110.1501	4 x 16 A to 63 A, Icu: 35 kA, I1: (0.8-1)In	3.667,30	375,00
35.110.1502	Up to 4 x 80 A, Icu: 35 kA, I1: (0.8-1)In	3.887,30	375,00
35.110.1503	Up to 4 x 100 A, Icu: 35 kA, I1: (0.8-1)In	3.937,28	429,38
35.110.1504	Up to 4 x 125 A, Icu: 35 kA, I1: (0.8-1)In	5.171,95	483,75
35.110.1505	Up to 4 x 160 A, Icu: 35 kA, I1: (0.8-1)In	5.380,95	483,75
35.110.1506	Up to 4 x 200 A, Icu: 35 kA, I1: (0.8-1)In	7.215,13	538,13
35.110.1507	Up to 4 x 250 A, Icu: 35 kA, I1: (0.8-1)In	7.450,53	538,13
35.110.1550	4-pole, minimum Icu at 400 V AC: 35 kA, adjustable thermal protection, magnetic protection setting		
35.110.1551	Up to 4 x 400 A, Icu: 35 kA, I1: (0.8-1)In, I3: (6-10)In	19.721,03	538,13
35.110.1552	Up to 4 x 500 A, Icu: 35 kA, I1: (0.8-1)In, I3: (6-10)In	22.877,40	592,50
35.110.1553	Up to 4 x 630 A, Icu: 35 kA, I1: (0.8-1)In, I3: (6-10)In	24.295,30	592,50
35.110.1554	Up to 4 x 800 A, Icu: 35 kA, I1: (0.8-1)In, I3: (6-10)In	43.216,88	646,88
35.110.1600	4-pole, minimum Icu at 400 V AC: 50 kA, adjustable thermal protection, fixed magnetic protection		
35.110.1601	4 x 16 A to 63 A, Icu: 50 kA, I1: (0.8-1)In	4.272,30	375,00
35.110.1602	Up to 4 x 80 A, Icu: 50 kA, I1: (0.8-1)In	4.272,30	375,00
35.110.1603	Up to 4 x 100 A, Icu: 50 kA, I1: (0.8-1)In	4.393,05	429,38

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.110.1604	Up to 4 x 125 A, Icu: 50 kA, I1: (0.8-1)In	5.256,65	483,75
35.110.1605	Up to 4 x 160 A, Icu: 50 kA, I1: (0.8-1)In	5.534,55	483,75
35.110.1606	Up to 4 x 200 A, Icu: 50 kA, I1: (0.8-1)In	7.948,13	538,13
35.110.1607	Up to 4 x 250 A, Icu: 50 kA, I1: (0.8-1)In	8.507,13	538,13
35.110.1650	4-pole, minimum Icu at 400 V AC: 50 kA, adjustable thermal protection, magnetic protection setting		
35.110.1651	Up to 4 x 400 A, Icu: 50 kA, I1: (0.8-1)In, I3: (6-10)In	20.964,03	538,13
35.110.1652	Up to 4 x 500 A, Icu: 50 kA, I1: (0.8-1)In, I3: (6-10)In	23.988,40	592,50
35.110.1653	Up to 4 x 630 A, Icu: 50 kA, I1: (0.8-1)In, I3: (6-10)In	25.538,30	592,50
35.110.1654	Up to 4 x 800 A, Icu: 50 kA, I1: (0.8-1)In, I3: (6-10)In	43.282,88	646,88
35.110.1700	4-pole, minimum Icu at 400 V AC: 50 kA, electronic protection		
35.110.1701	Max. 4 x 300 A Icu: 50kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	24.545,63	538,13
35.110.1702	Max. 4 x 400 A Icu: 50kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	25.406,78	646,88
35.110.1703	Max. 4 x 500 A Icu: 50kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	29.916,15	701,25
35.110.1704	Max. 4 x 630 A Icu: 50kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	32.324,05	701,25
35.110.1705	Max. 4 x 800 A Icu: 50kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	47.164,63	755,63
35.110.1706	Up to 4 x 1000 A Icu: 50kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	55.384,30	810,00
35.110.1707	Up to 4 x 1250 A Icu: 50kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	58.981,30	810,00
35.110.1708	Max. 4 x 1600 A Icu: 50 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	81.233,05	918,75
35.110.1750	4-pole, minimum Icu at 400 V AC: 65 kA, adjustable thermal protection, fixed magnetic protection		
35.110.1751	4 x 16 A to 63 A, Icu: 65 kA, I1: (0.8-1)In	5.108,30	375,00
35.110.1752	Up to 4 x 80 A, Icu: 65 kA, I1: (0.8-1)In	5.317,30	375,00
35.110.1753	Up to 4 x 100 A, Icu: 65 kA, I1: (0.8-1)In	5.620,28	429,38
35.110.1754	Up to 4 x 125 A, Icu: 65 kA, I1: (0.8-1)In	7.995,65	483,75
35.110.1755	Up to 4 x 160 A, Icu: 65 kA, I1: (0.8-1)In	8.581,95	483,75
35.110.1756	Up to 4 x 200 A, Icu: 65 kA, I1: (0.8-1)In	12.110,13	538,13
35.110.1757	Up to 4 x 250 A, Icu: 65 kA, I1: (0.8-1)In	13.485,13	538,13
35.110.1800	4-pole, minimum Icu at 400 V AC: 65 kA, adjustable thermal protection, magnetic protection setting		
35.110.1801	Up to 4 x 400 A, Icu: 65 kA, I1: (0.8-1)In, I3: (6-10)In	22.207,03	538,13
35.110.1802	Up to 4 x 500 A, Icu: 65 kA, I1: (0.8-1)In, I3: (6-10)In	25.396,40	592,50
35.110.1803	Up to 4 x 630 A, Icu: 65 kA, I1: (0.8-1)In, I3: (6-10)In	28.695,30	592,50
35.110.1804	Up to 4 x 800 A, Icu: 65 kA, I1: (0.8-1)In, I3: (6-10)In	38.288,88	646,88
35.110.1850	4-pole, minimum Icu at 400 V AC: 65 kA, electronic protection		
35.110.1851	Up to 4 x 300 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	18.176,63	538,13
35.110.1852	Max. 4 x 400 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	22.535,78	646,88
35.110.1853	Max. 4 x 500 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	26.418,15	701,25
35.110.1854	Up to 4 x 630 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	29.068,05	701,25
35.110.1855	Up to 4 x 800 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	46.152,63	755,63
35.110.1856	Up to 4 x 1000 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	57.397,30	810,00
35.110.1857	Max. 4 x 1250 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	65.537,30	810,00
35.110.1858	Up to 4 x 1600 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	82.828,05	918,75
35.110.2000	Fixed molded-case circuit breakers: (Unit: Qty.) Supply and installation, including any material and labor, of compact latching switches capable of breaking in air environment, equipped with an activation mechanism independent of hand movements, without thermal and magnetic adjustment range (thermal and magnetic protection values are set to a fixed value), and with thermal overload and magnetic short-circuit protection and with an Ics equivalent to minimum 50% of the Icu value, and which bear a CE marking and comply with the TS EN 60947-2 standard (Icu: Short-circuit breaking capacity, Ics: Operating short-circuit breaking capacity). Note: The items shall have undergone type tests.		

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.110.2100	3-pole, minimum Icu at 400 V AC: 25 kA		
35.110.2110	Max. 3 x 63 A	2.188,13	375,00
35.110.2120	Max. 3 x 100 A	2.480,19	429,38
35.110.2130	Max. 3 x 125 A	3.438,73	483,75
35.110.2140	Max. 3 x 160 A	3.552,81	483,75
35.110.2150	Max. 3 x 250 A	5.160,26	538,13
35.110.2200	3-pole, minimum Icu at 400 V AC: 35 kA		
35.110.2210	Max. 3 x 63A	2.247,24	375,00
35.110.2220	Max. 3 x 100 A	2.538,70	429,38
35.110.2230	Max. 3 x 125 A	3.342,44	483,75
35.110.2240	Max. 3 x 160 A	3.607,63	483,75
35.110.2250	Max. 3 x 250 A	5.192,04	538,13
35.110.2260	Max. 3 x 400 A	8.619,48	538,13
35.110.2270	Max. 3 x 630 A	9.301,11	592,50
35.110.2300	3-pole, minimum Icu at 400 V AC: 50 kA		
35.110.2310	From 3 x 250 A to 3 x 320A	8.009,50	538,13
35.110.2320	Max. 3 x 400A	8.927,38	538,13
35.110.2330	Max. 3 x 500A	9.447,59	592,50
35.110.2340	Max. 3 x 630A	9.632,91	592,50
35.110.2400	4-pole, minimum Icu at 400 V AC: 25 kA		
35.110.2410	Max. 4 x 63A	2.659,84	375,00
35.110.2420	Max. 4 x 100 A	3.019,60	429,38
35.110.2430	Max. 4 x 125 A	3.757,71	483,75
35.110.2440	Max. 4 x 160 A	3.947,90	483,75
35.110.2450	Max. 4 x 250 A	5.198,19	538,13
35.110.2500	4-pole, minimum Icu at 400 V AC: 35 kA		
35.110.2510	Max. 4 x 63A	2.972,03	375,00
35.110.2520	Max. 4 x 100 A	3.400,56	429,38
35.110.2530	Max. 4 x 125 A	4.342,89	483,75
35.110.2540	Max. 4 x 160 A	4.865,93	483,75
35.110.2550	Max. 4 x 250 A	6.785,34	538,13
35.110.2560	Max. 4 x 400 A	10.106,88	538,13
35.110.2570	Max. 4 x 630 A	12.070,70	592,50
35.110.2600	4-pole, minimum Icu at 400 V AC: 50 kA		
35.110.2610	From 4 x 250 A to 4 x 320A	11.191,08	538,13
35.110.2620	Max. 4 x 400A	11.868,19	538,13
35.110.2630	Max. 4 x 500A	13.054,95	592,50
35.110.2640	Max. 4 x 630A	14.183,49	592,50
35.110.5000	Air circuit breakers (Fixed Type): (Unit: Qty.) In compliance with the TS 1058 EN 60947-2 standard, in regard to usage for low-voltage protection and control, with a 400-V Operating short-circuit breaking capacity (Ics) that is 100% equal to the short-circuit breaking capacity (Icu), with electronic protection relays, fixed mounting on the electrical panel, of open-type circuit breakers. (I1: Adjustable nominal thermal protection activation current, I3: Fixed or adjustable magnetic protection activation current, In: Nominal current, Icu: Short-circuit breaking capacity, Ics: Operating short circuit breaking capacity) Note: The items shall have undergone type tests.		
35.110.5050	3-pole, minimum Icu at 400 V AC: 50 kA, Electronic Protection		

35.100.-High Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.110.5052	From 3 x 400 A to 3 x 630 A, Icu 50 kA, I1 (0.5 - 1)In, I3 (2-10)In, electronic protection	50.692,46	1.500,00
35.110.5053	Max. 3 x 800 A Icu: 50 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	53.023,08	1.950,00
35.110.5054	Up to 3 x 1000 A Icu: 50 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	55.321,36	2.105,00
35.110.5055	Up to 3 x 1250 A Icu: 50 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	60.303,03	2.105,00
35.110.5056	Max. 3 x 1600 A Icu: 50 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	73.540,10	2.345,63
35.110.5057	Up to 3 x 2000 A Icu: 50 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	76.477,11	2.555,00
35.110.5058	Up to 3 x 2500 A Icu: 50 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	88.856,90	2.587,50
35.110.5100	3-pole, minimum Icu at 400 V AC: 65 kA, electronic protection		
35.110.5101	Up to 3 x 1600 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	81.120,88	2.206,88
35.110.5102	Up to 3 x 2000 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	94.187,00	2.370,00
35.110.5103	Up to 3 x 2500 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	112.510,50	2.587,50
35.110.5104	Up to 3 x 3200 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	134.450,88	3.946,88
35.110.5105	Up to 3 x 4000 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	183.738,75	4.218,75
35.110.5150	3-pole, minimum Icu at 400 V AC: 100 kA, electronic protection		
35.110.5151	Up to 3 x 1600 A Icu: 100 kA, I1: (0.5-1)In, I3: (2-10)In, with electronic protection	110.072,88	2.206,88
35.110.5152	3 x 2000 A Icu: 100 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	121.654,00	2.370,00
35.110.5153	Up to 3 x 2500 A Icu: 100 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	151.560,50	2.587,50
35.110.5154	Up to 3 x 3,200 A Icu: 100 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	169.760,88	3.946,88
35.110.5155	Up to 3 x 4,000 A Icu: 100 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	216.078,75	4.218,75
35.110.5156	Up to 3 x 5,000 A Icu: 100 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	322.816,50	4.762,50
35.110.5180	4-pole, minimum Icu at 400 V AC: 50 kA, electronic protection		
35.110.5182	From 4 x 400 A to 4 x 630 A, Icu 50 kA, I1 (0.5 - 1)In, I3 (2-10)In, electronic protection	64.425,28	1.500,00
35.110.5183	Max. 4 x 800 A Icu: 50kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	66.686,50	1.950,00
35.110.5184	Up to 4 x 1000 A Icu: 50kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	69.597,91	2.105,00
35.110.5185	Up to 4 x 1250 A Icu: 50kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	77.113,78	2.105,00
35.110.5186	Max. 4 x 1600 A Icu: 50 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	100.121,66	2.345,63
35.110.5187	Up to 4 x 2000 A Icu: 50 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	104.993,34	2.555,00
35.110.5188	Up to 4 x 2500 A Icu: 50 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	118.859,14	2.587,50
35.110.5200	4-pole, minimum Icu at 400 V AC: 65 kA, electronic protection		
35.110.5201	Up to 4 x 1600 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	119.422,88	2.206,88
35.110.5202	Up to 4 x 2000 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	134.304,00	2.370,00
35.110.5203	Up to 4 x 2500 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	164.760,50	2.587,50
35.110.5204	Up to 4 x 3200 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	189.230,88	3.946,88
35.110.5205	Up to 4 x 4000 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	255.458,75	4.218,75
35.110.5250	4-pole, minimum Icu at 400 V AC: 100 kA, electronic protection		
35.110.5251	Up to 4 x 1600 A Icu: 100 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	128.662,88	2.206,88
35.110.5252	Up to 4 x 2000 A Icu: 100 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	150.364,00	2.370,00
35.110.5253	Up to 4 x 2500 A Icu: 100 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	186.320,50	2.587,50
35.110.5254	Up to 4 x 3200 A Icu: 100 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	214.860,88	3.946,88
35.110.5255	Up to 4 x 4000 A Icu: 100 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	288.568,75	4.218,75
35.110.5256	Up to 4 x 5000 A Icu: 100 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	391.456,50	4.762,50
35.110.5300	Air circuit breakers (Drawer Type): (Unit: Qty.) In compliance with the TS 1058 EN 60947-2 standard, in regard to usage for low-voltage protection and control, with a 400-V Operating short-circuit breaking capacity (Ics) that is 100% equal to the short-circuit breaking capacity (Icu), with electronic protection relays, with a main body in the drawer case that can be pulled with the help of a handle to perform maintenance and repairs, allowing maintenance without power outages,		

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	supply to the worksite, delivery in working order and installation of an open-type circuit breaker including the drawer case and the necessary equipment. (I1: Adjustable nominal thermal protection activation current, I3: Fixed or adjustable magnetic protection activation current, In: Nominal current, Icu: Short-circuit breaking capacity, Ics: Operating short circuit breaking capacity) Note: The items shall have undergone type tests.		
35.110.5310	3-pole, minimum Icu at 400 V AC: 50 kA, Electronic Protection		
35.110.5313	From 3 x 400 A to 3 x 630 A, Icu 50 kA, I1: (0.5 - 1)In, I3 (2-10)In, electronic protection	62.312,83	2.793,75
35.110.5314	Max. 3 x 800 A Icu: 50 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	65.335,24	3.174,38
35.110.5315	Up to 3 x 1000 A Icu: 50 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	66.928,96	3.283,13
35.110.5316	Up to 3 x 1250 A Icu: 50 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	72.187,26	3.283,13
35.110.5317	Max. 3 x 1600 A Icu: 50 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	86.574,88	3.500,63
35.110.5318	Up to 3 x 2000 A Icu: 50 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	91.560,95	3.663,75
35.110.5319	Up to 3 x 2500 A Icu: 50 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	95.445,93	3.881,25
35.110.5320	3-pole, minimum Icu at 400 V AC: 65 kA, electronic protection		
35.110.5323	From 3 x 1500 A to 3 x 1600 A, Icu 65 kA, I1 (0.5 - 1)In, I3 (2-10)In, electronic protection	92.250,08	3.881,25
35.110.5324	Up to 3 x 2000 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	103.674,33	3.881,25
35.110.5325	Up to 3 x 2500 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	125.243,18	3.881,25
35.110.5326	Up to 3 x 3200 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	146.345,98	4.812,50
35.110.5327	Up to 3 x 4000 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	195.504,94	4.968,75
35.110.5330	3-pole, minimum Icu at 400 V AC: 100 kA, electronic protection		
35.110.5333	3 x 1500 A'den 3 x 1600A'e kadar Icu: 100 kA, I1: (0.5-1)In, I3: (2-10)In, elektronik korumalı	119.018,40	3.500,63
35.110.5334	3 x 2000 A Icu: 100 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	134.339,49	3.663,75
35.110.5335	Up to 3 x 2500 A Icu: 100 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	160.415,93	3.881,25
35.110.5336	Up to 3 x 3,200 A Icu: 100 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	187.179,13	4.696,88
35.110.5337	Up to 3 x 4,000 A Icu: 100 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	239.854,39	4.968,75
35.110.5338	Up to 3 x 5,000 A Icu: 100 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	374.485,76	6.056,25
35.110.5340	4-pole, minimum Icu at 400 V AC: 50 kA, electronic protection		
35.110.5343	From 4 x 400 A to 4 x 630 A, Icu 50 kA, I1 (0.5 - 1)In, I3 (2-10)In, electronic protection	80.894,59	2.793,75
35.110.5344	Max. 4 x 800 A Icu: 50kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	84.543,55	3.174,38
35.110.5345	Up to 4 x 1000 A Icu: 50kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	87.157,84	3.283,13
35.110.5346	Up to 4 x 1250 A Icu: 50kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	93.358,73	3.283,13
35.110.5347	Max. 4 x 1600 A Icu: 50 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	113.800,21	3.500,63
35.110.5348	Up to 4 x 2000 A Icu: 50 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	118.658,34	3.663,75
35.110.5349	Up to 4 x 2500 A Icu: 50 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	122.109,43	3.881,25
35.110.5350	4-pole, minimum Icu at 400 V AC: 65 kA, electronic protection		
35.110.5353	From 4 x 1500 A to 4 x 1600 A, Icu 65 kA, I1 (0.5 - 1)In, I3 (2-10)In, electronic protection	120.652,76	3.500,63
35.110.5354	Up to 4 x 2000 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	137.081,90	3.663,75
35.110.5355	Up to 4 x 2500 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	165.889,14	3.881,25
35.110.5356	Up to 4 x 3200 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	191.057,74	4.696,88
35.110.5357	Up to 4 x 4000 A Icu: 65 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	256.979,39	4.968,75
35.110.5360	4-pole, minimum Icu at 400 V AC: 100 kA, electronic protection		
35.110.5363	From 4 x 1500 A to 4 x 1600 A, Icu 100 kA, I1 (0.5 - 1)In, I3 (2-10)In, electronic protection	142.782,39	3.500,63
35.110.5364	Up to 4 x 2000 A Icu: 100 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	170.283,60	3.663,75
35.110.5365	Up to 4 x 2500 A Icu: 100 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	205.262,13	3.881,25
35.110.5366	Up to 4 x 3200 A Icu: 100 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	245.494,79	4.696,88
35.110.5367	Up to 4 x 4000 A Icu: 100 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	318.289,14	4.968,75
35.110.5368	Up to 4 x 5000 A Icu: 100 kA, I1: (0.5-1)In, I3: (2-10)In, electronic protection	477.637,08	6.056,25

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.110.5500	Additions for remote control, compact, thermally and magnetically protected and open type switches: (Unit: Qty.) (in compliance with TS EN 60947-2) Supply and installation, including any material and labor, of the additional equipment that is separately installed to molded-case circuit breakers, performs remote turning on and off by a motor mechanism, and has the necessary control buttons, an trip coil (and also a closing coil for open-type switches) and auxiliary contacts		
35.110.5501	3- or 4-pole, Up to 250 A.	13.503,50	375,00
35.115.1003	Up to 2 x 63 A (30 mA)	1.237,40	375,00
35.110.5506	3- or 4-pole, Up to 5000 A.	42.087,00	375,00
35.110.5503	3- or 4-pole, Up to 1000 A	34.774,20	375,00
35.110.5502	3- or 4-pole, Up to 630 A	24.062,40	375,00
35.110.5505	3- or 4-pole, Up to 2500 A.	40.921,00	375,00
35.115.1000	Residual current circuit breakers (Protection Class: AC): (Unit: Qty.) Supply, installation, and delivery in working order, including any material and labor, of a residual current circuit breaker designed in compliance with the Regulations, specifications, and standards on Internal Electrical Installation and released in compliance with the TS EN 61008-1, TS EN 61008-2-1 standards and with a CE marking, which, in case of any residual current in electrical installation, detects the faulty current on the phases arising from alternative current and neutral line and breaks the circuit to ensure safety of life and property, features a differential coil, and a test button for testing whether the system is functioning, which is available for installation on the carriage rails, protected against external effects, can continue on working at 30 mA for life protection and 300 mA for fire protection even if neutral line breaks down.		
35.110.5504	3- or 4-pole, Up to 1600 A	39.502,00	375,00
35.115.1002	Up to 2 x 40 A (30 mA)	1.089,66	375,00
35.115.1001	Up to 2 x 25 A (30 mA)	1.068,69	375,00
35.115.1004	Up to 2 x 80 A (30 mA)	1.744,46	375,00
35.115.1021	Up to 4 x 40 A (30 mA)	1.436,05	429,38
35.115.1005	Up to 2 x 100 A (30 mA)	2.428,98	375,00
35.115.1022	Up to 4 x 63 A (30 mA)	1.578,89	429,38
35.115.1024	Up to 4 x 100 A (30 mA)	3.506,16	429,38
35.115.1020	Up to 4 x 25 A (30 mA)	1.404,76	429,38
35.115.1040	Up to 4 x 125 A (30 mA)	6.508,34	429,38
35.115.1023	Up to 4 x 80 A (30 mA)	2.361,14	429,38
35.115.1041	Up to 2 x 25 A (300 mA)	1.034,90	375,00
35.115.1042	Up to 2 x 40 A (300 mA)	1.059,19	375,00
35.115.1043	Up to 2 x 63 A (300 mA)	1.205,64	375,00
35.115.1044	Up to 2 x 80 A (300 mA)	1.681,49	375,00
35.115.1045	Up to 2 x 100 A (300 mA)	2.388,85	375,00
35.115.1060	Up to 4 x 25 A (300 mA)	1.333,30	429,38
35.115.1061	Up to 4 x 40 A (300 mA)	1.374,61	429,38
35.115.1062	Up to 4 x 63 A (300 mA)	1.510,71	429,38
35.115.1063	Up to 4 x 80 A (300 mA)	2.200,43	429,38
35.115.1064	Up to 4 x 100 A (300 mA)	3.006,04	429,38
35.115.1065	Up to 4 x 125 A (300 mA)	5.809,10	429,38
35.115.1200	Residual Current Protection Relay with Toroidal Current Transformer (Unit: Qty.): A combination with toroid, relay, special cable and trip coil that are installed additionally on the molded-case circuit breaker output. Relays shall be electronic, with adjustable sensitivity and time delay, protected against undesired tripping, equipped with pre-alarm and LED indicators, compliant with TS IEC 755, and operable with all toroids. Toroids shall be of open- or closed-type, 30–300 mm in diameter, and insulated with thermoplastic material.		
35.115.1201	3 x 80 A to 3 x 250 A (3-phase): 30-500 mA	13.626,33	646,88
35.115.1202	3 x 300 A to 3 x 1,250 A (3-phase): 30-500 mA	23.526,33	646,88

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.115.1203	3 x 1,600 A and above (3-phase): 30-500 mA	26.271,93	646,88
35.115.1500	Motor protection circuit breakers: (Unit: Qty.) Supply and installation, including any material and labor of a device that is in compliance with TS EN 60947-1, TS EN60947-2, TS EN 60947-4-1 standards and released with a CE compliance marking, which grants thermal and magnetic protection against short-circuits, overloading and phase errors, while the motor circuit breakers manually controls the motors being ON or OFF, with a thermal adjustment range Note: In: Nominal current: Icu: Short circuit breaking capacity		
35.115.1501	In: up to 0.4 (Icu: 50 kA)	1.215,54	323,44
35.115.1502	In: up to 4 (Icu: 50 kA)	1.215,54	323,44
35.115.1503	In: up to 6.3 (Icu: 50 kA)	1.215,54	323,44
35.115.1504	In: up to 10 (Icu: 50 kA)	1.278,79	323,44
35.115.1505	In: up to 12 (Icu: 50 kA)	1.300,24	323,44
35.115.1506	In: up to 16 (Icu: 50 kA)	1.405,84	323,44
35.115.1507	In: up to 20 (Icu: 50 kA)	1.546,64	323,44
35.115.1508	In: up to 25 (Icu: 50 kA)	1.634,64	323,44
35.115.1509	In: up to 32 (Icu: 50 kA)	2.486,04	323,44
35.115.1550	In: up to 0.4 (Icu: 100 kA)	1.345,89	323,44
35.115.1551	In: up to 4 (Icu: 100 kA)	1.345,89	323,44
35.115.1552	In: up to 6.3 (Icu: 100 kA)	1.345,89	323,44
35.115.1553	In: up to 10 (Icu: 100 kA)	1.446,54	323,44
35.115.1554	In: up to 12 (Icu: 100 kA)	1.555,44	323,44
35.115.1555	In: up to 16 (Icu: 100 kA)	1.555,44	323,44
35.115.1556	In: up to 20 (Icu: 100 kA)	1.588,44	323,44
35.115.1557	In: up to 25 (Icu: 100 kA)	1.674,24	323,44
35.115.1558	In: up to 32 (Icu: 100 kA)	1.756,74	323,44
35.115.1600	Residual current circuit breakers (Protection Class: A) (Unit: Qty.): In regard to AC protection class residual current circuit breaker as well as detection and cutting of the DC leakage current component with a specific waveform up to 6 mA; supply, delivery in working order and installation, including all materials and workmanship, of residual current circuit breakers placed on the market with the CE compliance marking in accordance with TS EN 61008-1, TS EN 61008-2-1 standards.		
35.115.1602	Up to 2 x 25 A (30 mA)	1.256,66	375,00
35.115.1604	Up to 2 x 40 A (30 mA)	1.280,11	375,00
35.115.1606	Up to 2 x 63 A (30 mA)	1.493,83	375,00
35.115.1608	Up to 2 x 80 A (30 mA)	2.250,54	375,00
35.115.1610	Up to 2 x 100 A (30 mA)	2.989,46	375,00
35.115.1612	Up to 4 x 25 A (30 mA)	1.626,80	429,38
35.115.1614	Up to 4 x 40 A (30 mA)	1.654,25	429,38
35.115.1616	Up to 4 x 63 A (30 mA)	2.207,41	429,38
35.115.1618	Up to 4 x 80 A (30 mA)	2.678,59	429,38
35.115.1620	Up to 4 x 100 A (30 mA)	4.797,58	429,38
35.115.1622	Up to 4 x 125 A (30 mA)	7.989,56	429,38
35.115.1624	Up to 2 x 25 A (300 mA)	1.249,08	375,00
35.115.1626	Up to 2 x 40 A (300 mA)	1.268,94	375,00
35.115.1628	Up to 2 x 63 A (300 mA)	1.381,58	375,00
35.115.1630	Up to 2 x 80 A (300 mA)	1.812,69	375,00
35.115.1632	Up to 2 x 100 A (300 mA)	2.867,04	375,00
35.115.1634	Up to 4 x 25 A (300 mA)	1.598,15	429,38
35.115.1636	Up to 4 x 40 A (300 mA)	1.605,95	429,38

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.115.1638	Up to 4 x 63 A (300 mA)	2.178,41	429,38
35.115.1640	Up to 4 x 80 A (300 mA)	2.394,00	429,38
35.115.1642	Up to 4 x 100 A (300 mA)	4.269,35	429,38
35.115.1644	Up to 4 x 125 A (300 mA)	7.275,84	429,38
35.115.1700	Residual current circuit breakers (Protection Class: F) (Unit: Qty.): In regard to A protection class residual current circuit breaker as well as detection and cutting of the DC leakage current component with a specific waveform of up to 10 mA and mixed frequency current up to 1 kHz, supply, delivery in working order and installation, including all materials and workmanship, of residual current circuit breakers placed on the market with the CE compliance marking in accordance with the TS EN 62423 standard.		
35.115.1703	Up to 2 x 25 A (30 mA)	2.054,68	375,00
35.115.1706	Up to 2 x 40 A (30 mA)	2.299,95	375,00
35.115.1709	Up to 2 x 63 A (30 mA)	2.567,85	375,00
35.115.1712	Up to 4 x 25 A (30 mA)	2.734,19	429,38
35.115.1715	Up to 4 x 40 A (30 mA)	3.049,19	429,38
35.115.1718	Up to 4 x 63 A (30 mA)	3.396,81	429,38
35.115.1721	Up to 2 x 25 A (300 mA)	1.886,70	375,00
35.115.1724	Up to 2 x 40 A (300 mA)	2.107,45	375,00
35.115.1727	Up to 2 x 63 A (300 mA)	2.348,56	375,00
35.115.1730	Up to 4 x 25 A (300 mA)	2.503,71	429,38
35.115.1733	Up to 4 x 40 A (300 mA)	2.787,21	429,38
35.115.1736	Up to 4 x 63 A (300 mA)	3.100,08	429,38
35.115.1800	Residual current circuit breakers (Protection Class: B) (Unit: Qty.): In regard to the F protection class residual current circuit breaker as well as the detection and cutting of straight DC currents and high frequency currents up to 1 kHz, supply, delivery in working order and installation, including all materials and workmanship, of residual current circuit breakers placed on the market with the CE compliance marking in accordance with the TS EN 62423 standard.		
35.115.1803	Up to 2 x 25 A (30 mA)	6.382,65	375,00
35.115.1806	Up to 2 x 40 A (30 mA)	6.875,59	375,00
35.115.1809	Up to 2 x 63 A (30 mA)	8.079,43	375,00
35.115.1812	Up to 4 x 25 A (30 mA)	8.419,49	429,38
35.115.1815	Up to 4 x 40 A (30 mA)	9.137,69	429,38
35.115.1818	Up to 4 x 63 A (30 mA)	10.684,68	429,38
35.115.1821	Up to 2 x 25 A (300 mA)	6.190,65	375,00
35.115.1824	Up to 2 x 40 A (300 mA)	6.639,53	375,00
35.115.1827	Up to 2 x 63 A (300 mA)	7.519,18	375,00
35.115.1830	Up to 4 x 25 A (300 mA)	8.050,11	429,38
35.115.1833	Up to 4 x 40 A (300 mA)	8.691,44	429,38
35.115.1836	Up to 4 x 63 A (300 mA)	10.162,94	429,38
35.115.2500	TRANSFORMERS: (Unit: Qty.) (TS EN 61558-2-4, TS EN 61558-2-5, TS EN 61558-2-6, TS EN 61558-2-7, TS EN 61558-2-8, TS EN 61558-2-9, TS EN 61558-1) Supply and installation of the transformer, including any material and labor.		
35.115.2501	110 - 220/15 V Up to 50 VA	448,50	258,75
35.115.2502	110 - 220/24 V Up to 500 VA	1.125,00	258,75
35.115.2503	110 - 220/24 V Up to 1,000 VA	1.469,30	258,75
35.115.2504	110 - 220/48 V Up to 100 VA	802,70	258,75
35.115.2505	110 - 220/48 V Up to 500 VA	1.304,30	258,75
35.116.1000	Low-Voltage Surge Arresters (Unit: Qty.) Supply to the worksite and installation of low voltage surge arresters of Type 1 (Class B), Type 2 (Class C), Type 3 (Class D), which provide protection against overvoltage for one phase, two phases, three phases and neutral, with additional contact output for signaling if desired, mounted on rails without the		

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	need to leave a safety distance from the panel, in accordance with the TS EN 61643-11 standard and placed on the market with the CE compliance marking, including all types of materials and workmanship. 1- Type 2 (Class C) and Type 3 (Class D) protectors shall be equipped with an indicator that indicates whether the device runs smoothly or not. 2- For Type 1 surge arresters, the maximum impulse current must have a current discharge capacity of I imp: 10/350 μ s. 3- For Type 2 and Type 3 surge arresters, it must have a nominal and maximum discharge current capacity at I max 8/20 μ s. AC: Additional contact P: Pole		
35.116.1100	Type 1 (Class B) surge arrester		
35.116.1110	4P 100 kA (I imp; 10/350 μ s)	13.412,45	258,75
35.116.1200	Type 2 (Class C) surge arrester		
35.116.1205	1P 20 kA (I max; 8/20 μ s)	1.307,88	204,38
35.116.1206	2P 20 kA (I max; 8/20 μ s)	1.808,74	204,38
35.116.1207	3P 20 kA (I max; 8/20 μ s)	3.400,69	258,75
35.116.1208	4P 20 kA (I max; 8/20 μ s)	3.785,36	258,75
35.116.1209	1P 20 kA (I max; 8/20 μ s) AC	1.418,23	204,38
35.116.1210	2P 20 kA (I max; 8/20 μ s) AC	1.969,18	204,38
35.116.1211	3P 20 kA (I max; 8/20 μ s) AC	3.714,89	258,75
35.116.1212	4P 20 kA (I max; 8/20 μ s) AC	4.138,03	258,75
35.116.1213	1P 40 kA (I max; 8/20 μ s)	1.473,40	204,38
35.116.1214	2P 40 kA (I max; 8/20 μ s)	2.049,40	204,38
35.116.1215	3P 40 kA (I max; 8/20 μ s)	3.871,99	258,75
35.116.1216	4P 40 kA (I max; 8/20 μ s)	4.314,35	258,75
35.116.1217	1P 40 kA (I max; 8/20 μ s) AC	1.600,30	204,38
35.116.1218	2P 40 kA (I max; 8/20 μ s) AC	2.233,90	204,38
35.116.1219	3P 40 kA (I max; 8/20 μ s) AC	4.233,31	258,75
35.116.1220	4P 40 kA (I max; 8/20 μ s) AC	4.719,91	258,75
35.116.1221	1P 65 kA (I max; 8/20 μ s)	1.966,00	204,38
35.116.1222	2P 65 kA (I max; 8/20 μ s)	2.266,50	204,38
35.116.1223	3P 65 kA (I max; 8/20 μ s)	4.913,05	258,75
35.116.1224	4P 65 kA (I max; 8/20 μ s)	6.331,28	258,75
35.116.1225	1P 65 kA (I max; 8/20 μ s) AC	2.142,16	204,38
35.116.1226	2P 65 kA (I max; 8/20 μ s) AC	2.472,71	204,38
35.116.1227	3P 65 kA (I max; 8/20 μ s) AC	5.378,48	258,75
35.116.1228	4P 65 kA (I max; 8/20 μ s) AC	6.938,53	258,75
35.116.1300	Type 1+2 (Class B+C) surge arrester		
35.116.1310	1P 12,5 kA (I imp; 10/350 μ s)	5.039,49	204,38
35.116.1320	2P 25 kA (I imp; 10/350 μ s)	5.114,44	204,38
35.116.1330	3P 37,5 kA (I imp; 10/350 μ s)	7.848,89	258,75
35.116.1340	4P 50 kA (I imp; 10/350 μ s)	7.684,51	258,75
35.116.1350	4P 100 kA (I imp; 10/350 μ s)	19.504,25	258,75
35.116.1400	Type 3 (Class D) surge arrester		
35.116.1410	1P 8 kA (I max; 8/20 μ s)	1.043,74	204,38
35.116.1420	2P 8 kA (I max; 8/20 μ s)	2.342,69	204,38
35.116.1430	3P 8 kA (I max; 8/20 μ s)	2.191,59	258,75
35.116.1440	4P 8 kA (I max; 8/20 μ s)	2.967,30	258,75
35.116.1500	Type 2+3 (Class C+ D) surge arrester		

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.116.1510	2P 12-20 kA (I max; 8/20µs)	2.860,13	204,38
35.116.1520	4P 12-20 kA (I max; 8/20µs)	6.576,00	258,75
35.116.1600	Data Protection Surge Arrester		
35.116.1610	10 kA (I imp; 10/350µs)	3.498,35	204,38
35.116.1620	20 kA (I imp; 10/350µs)	3.829,38	204,38
35.120.1000	CAM SWITCHES: Cam switches shall bear a CE marking and comply with TS 4915 EN 60669-1 and TS EN 60947-3 standards.		
35.120.1100	Step-type cam switches: (Unit: Qty.) Supply and installation, including any material and labor, of the position dial and control lever or button of a cam switch with a sheet metal or plastic enclosure, rotating hub, and up to 5 positions, which allows rotary and spring-loaded opening and closure of contacts.		
35.120.1101	Up to 2 x 16 A	871,91	595,31
35.120.1102	Up to 2 x 25 A	943,91	595,31
35.120.1103	Up to 2 x 40 A	981,11	595,31
35.120.1104	Up to 3 x 25 A	920,51	595,31
35.120.1105	Up to 3 x 40 A	1.220,51	595,31
35.120.1106	Up to 3 x 63 A	1.543,31	595,31
35.120.1107	Up to 3 x 100 A	2.457,71	595,31
35.120.1108	Up to 3 x 125 A	2.949,71	595,31
35.120.1109	Up to 3 x 160 A	3.273,71	595,31
35.120.1150	On-off type cam switches: (Unit: Qty.) Supply and installation, including any material and labor, of cam switches with only two positions.		
35.120.1151	Up to 2 x 16 A	518,44	323,44
35.120.1152	Up to 2 x 25 A	558,04	323,44
35.120.1153	Up to 2 x 40 A	650,44	323,44
35.120.1154	Up to 3 x 25 A	618,64	323,44
35.120.1155	Up to 3 x 40 A	857,44	323,44
35.120.1156	Up to 3 x 63 A	1.132,24	323,44
35.120.1157	Up to 3 x 100 A	1.717,84	323,44
35.120.1158	Up to 3 x 125 A	2.173,84	323,44
35.120.1159	Up to 3 x 160 A	2.521,84	323,44
35.120.1200	Star-delta type cam switches (Unit: Qty.): Supply and installation, including any material and labor, of cam switches with a star-delta connection assembly.		
35.120.1201	Up to 3 x 25 A	876,19	432,19
35.120.1202	Up to 3 x 40 A	1.074,19	432,19
35.120.1203	Up to 3 x 63 A	1.711,39	432,19
35.120.1250	Reversing cam switches: (Unit: Qty.) Supply and installation, including any material and labor, of an reversing type cam switches to be used for inverting the motor's direction of rotation.		
35.120.1251	Up to 3 x 25 A	1.078,99	432,19
35.120.1252	Up to 3 x 40 A	1.210,99	432,19
35.120.1253	Up to 3 x 63 A	1.795,39	432,19
35.120.1254	Up to 3 x 100 A	3.614,59	432,19
35.120.1255	Up to 3 x 125 A	4.874,59	432,19
35.120.1300	Step-type outdoor cam switches: (Unit: Qty.) Supply and installation of cam switches with IP65 degree of protection and the same specifications as the item 35.120.1100 in terms of other properties.		
35.120.1301	Up to 2 x 16 A	1.070,66	704,06

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.120.1302	Up to 2 x 25 A	1.104,26	704,06
35.120.1303	Up to 2 x 40 A	1.206,26	704,06
35.120.1304	Up to 3 x 25 A	1.257,26	704,06
35.120.1305	Up to 3 x 40 A	1.630,46	704,06
35.120.1306	Up to 3 x 63 A	2.271,26	704,06
35.120.1307	Up to 3 x 100 A	2.950,46	704,06
35.120.1308	Up to 3 x 125 A	3.130,46	704,06
35.120.1309	Up to 3 x 160 A	3.490,46	704,06
35.120.1350	On-off type outdoor cam switches: (Unit: Qty.) Supply and installation of cam switches with IP65 degree of protection, only two positions and the same specifications as the Unit Price No. 35.100.1150.		
35.120.1351	Up to 2 x 16 A	643,61	377,81
35.120.1352	Up to 2 x 25 A	710,81	377,81
35.120.1353	Up to 2 x 40 A	743,21	377,81
35.120.1354	Up to 3 x 25 A	700,61	377,81
35.120.1355	Up to 3 x 40 A	1.079,81	377,81
35.120.1356	Up to 3 x 63 A	1.609,01	377,81
35.120.1357	Up to 3 x 100 A	2.252,21	377,81
35.120.1358	Up to 3 x 125 A	2.372,21	377,81
35.120.1359	Up to 3 x 160 A	2.816,21	377,81
35.120.1400	Latching Switches: (Unit: Qty.) Supply and installation, including any material and labor, of latching switches with frontal control, connection to the controller latch and spring contacts, which bear a CE marking and comply with the TS 4915 EN 60669-1 standard.		
35.120.1401	Up to 2 x 16 A	290,41	214,69
35.120.1402	Up to 3 x 25 A	330,01	214,69
35.120.1403	Up to 3 x 32 A	408,01	214,69
35.120.1450	SIGNAL LIGHTS (Unit: Qty.) Supply, transportation to the work site, installation and connection, delivery in working order of flush-mounted signal lights of specified colors depending on the location, which shall comply with the TS 2575 EN 60073 standards (socket and light bulb are included in the price.)		
35.120.1451	Max. 24 V	141,96	75,00
35.120.1452	Max. 48 V	141,96	75,00
35.120.1453	Max. 65 V	141,96	75,00
35.120.1454	Max. 250 V	141,96	75,00
35.120.1455	Max. 500 V	141,96	75,00
35.120.2000	AUTOMATIC TRANSFER SWITCHES (Unit: Qty.) Supply, installation and delivery in working order, of a switch with auxiliary contacts, which shall be used for transfer between two sources (Transformer - Generator, Transformer - Transformer, Generator - Generator), automatic, and ready for manual use when necessary, single casing, equipped with a factory-built electrical and mechanical locks, guaranteed by the manufacturer for transfer between the sources, capable of being enabled and disabled safely, automatically and manually, and which shall transfer automatically to a backup source when the primary source voltage drops or rises below or above a preset value and/or cut out completely, the frequency drops and/or rises below or above a preset value, control the phase sequence, start and stop the generator automatically, check source availability, display switch positions and error details, allow nominal source voltage, nominal source frequency and transfer time between sources, and comply with the TS EN 60947-6-1 standard and bear a CE marking.		
35.120.2001	3 x 125 A	26.299,25	1.190,63
35.120.2002	3 x 200 A	30.204,75	1.190,63
35.120.2003	3 x 250 A	35.672,45	1.190,63
35.120.2004	3 x 315 A	37.009,95	1.190,63

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.120.2005	3 x 400 A	39.952,45	1.190,63
35.120.2006	3 x 500 A	41.011,75	1.190,63
35.120.2007	3 x 630 A	42.894,95	1.190,63
35.120.2008	3 x 800 A	71.132,25	1.190,63
35.120.2009	3 x 1,000 A	74.267,35	1.190,63
35.120.2010	3 x 1,250 A	90.388,15	1.734,38
35.120.2011	3 x 1,600 A	111.659,75	1.734,38
35.120.2012	3 x 2,000 A	196.412,50	2.278,13
35.120.2013	3 x 2,500 A	221.343,50	2.278,13
35.120.2014	3 x 3,200 A	260.398,50	2.278,13
35.120.2015	4 x 100 A	22.066,43	1.462,50
35.120.2016	4 x 200 A	32.263,53	1.462,50
35.120.2017	4 x 315 A	39.528,83	1.462,50
35.120.2018	4 x 400 A	42.653,23	1.462,50
35.120.2019	4 x 500 A	43.808,83	1.462,50
35.120.2020	4 x 630 A	45.788,33	1.462,50
35.120.2021	4 x 800 A	76.047,93	1.462,50
35.120.2022	4 x 1,000 A	79.373,48	1.462,50
35.120.2023	4 x 1,250 A	96.881,10	2.278,13
35.120.2024	4 x 1,600 A	119.693,50	2.278,13
35.120.2025	4 x 2,000 A	210.224,25	2.821,88
35.120.2026	4 x 2,500 A	236.760,25	2.821,88
35.120.2027	4 x 3,200 A	278.704,25	2.821,88
35.120.2100	Automatic reversing switch with thermal and magnetic protector: (Unit: Qty.) Supply and installation, including an auxiliary contactor, any material and labor, of a reversing switch, manufactured in compliance with the TS EN 60947-6-1 standards and released with a CE marking.		
35.120.2101	Up to 3 x 25 A	7.186,51	595,31
35.120.2102	Up to 3 x 63 A	11.788,29	649,69
35.120.2103	Up to 3 x 100 A	23.378,36	704,06
35.120.2104	Up to 3 x 200 A	30.662,89	867,19
35.120.2105	Up to 3 x 400 A	37.610,34	975,94
35.120.2106	Up to 3 x 600 A	50.395,96	1.139,06
35.120.2107	Up to 3 x 1,000 A	82.033,41	1.682,81
35.125.1000	CONTACTORS: (TS EN 60947-4-1)		
35.125.1100	Dry-type contactors without protector: (Unit: Qty.) Supply and installation, including auxiliary contacts and any material and labor, of dry-type, 3-phase AC3 class contactors with separate control buttons without protective relays. Unit: The number of installed contactors shall be taken.		
35.125.1101	Up to 3 x 10 A	874,40	375,00
35.125.1102	Up to 3 x 16 A	994,30	375,00
35.125.1106	Up to 3 x 100 A	5.427,15	483,75
35.125.1108	Up to 3 x 200 A	12.485,55	701,25
35.125.1103	Up to 3 x 25 A	1.191,20	375,00
35.125.1104	Up to 3 x 40 A	2.259,30	375,00
35.125.1105	Up to 3 x 63 A	3.425,30	375,00
35.125.1107	Up to 3 x 160 A	8.582,90	592,50
35.125.1202	Contactors for capacitor switching up to 20 kVAR	2.353,75	375,00
35.125.1112	Up to 3 x 800 A	70.183,90	1.462,50

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.125.1110	Up to 3 x 400 A	27.103,15	918,75
35.125.1200	Contactors for capacitor switching: (Unit: Qty.) A capacitor duty contactor that is identical with the Item No. 35.125.1100, and takes its power through the discharge resistance when energized, and closes the main contactors after the start-up current, including any material and labor.		
35.125.1111	Up to 3 x 630 A	50.431,65	1.136,25
35.125.1109	Up to 3 x 300 A	21.693,65	701,25
35.125.1201	Contactors for capacitor switching up to 15 kVAR	1.960,63	375,00
35.125.1203	Contactors for capacitor switching up to 30 kVAR	4.432,50	375,00
35.125.1204	Contactors for capacitor switching up to 50 kVAR	6.203,75	375,00
35.125.1205	Contactors for capacitor switching up to 60 kVAR	7.311,25	375,00
35.125.1210	Contactors for capacitor switching up to 80 kVAR	10.267,40	375,00
35.125.1300	Dry-type contactors with thermal protectors: (Unit: Qty.) Supply and installation of a contactor that is the same as the Item No. 35.125.1100 with only an extra thermal protector relay.		
35.125.1301	Up to 3 x 10 A	1.851,20	375,00
35.125.1302	Up to 3 x 16 A	1.994,20	375,00
35.125.1303	Up to 3 x 25 A	2.665,20	375,00
35.125.1304	Up to 3 x 40 A	3.596,90	375,00
35.125.1305	Up to 3 x 63 A	7.281,90	375,00
35.125.1306	Up to 3 x 100 A	8.095,90	375,00
35.125.1307	Up to 3 x 160 A	12.989,80	375,00
35.125.1308	Up to 3 x 200A	21.356,40	375,00
35.125.1700	Electronic motor protection relay: (Unit: Qty.) Supply and installation, including any material and labor, of a device to be used on 3-phase motors, with phase indicator lights, current setting knob, start and stop buttons, and stop lamp, which shall be made up of electronic circuits, and shall protect the motor in case of power outage, drop or rise of the voltage below or above a predetermined value or change of frequency, 25% excessive load of the motor's nominal current or continuation of this event for 4 seconds, or any of the supply phases of the motor is broken. NOTE: Where a current transformer is used, the unit price given in item 35.135.1900 shall be applicable.		
35.125.1701	Up to 3 x 12 A	1.369,54	323,44
35.125.1750	Time relay: (Unit: Qty.) Supply, installation, and connection, including any minor material and labor, of a complete time relay that can operate at a desired time interval.		
35.125.1751	0 - 60 seconds	1.137,44	323,44
35.125.1752	1 - 10 minutes	1.188,04	323,44
35.125.1760	Time relay that is used for lighting control. (Unit: Qty.) Supply, transportation to the work site, testing and delivery in working order, of a digital time relay designed for use within a certain range of voltages, which has type test reports as per 2014/35/EU Low Voltage Directive (LVD), the regulation on electromagnetic compatibility (2004/108/EC), and the standards and directives of TS EN 60730-2-7 as well as a CE marking, controls lighting at the hours set using its program based on the adjusted time periods, and which is equipped with output contacts, battery-powered, and accompanied by a user's manual.	1.983,34	323,44
35.125.1770	Photocell switch: (Unit: Qty.) Supply and installation of a switch that is capable of detecting temporary darkness in daytime and temporary lights at nighttime with an adjustable latency of 15 to 190 seconds, and resistant to snow, dust, etc. for illumination of streets, store windows, illuminated billboards, gardens, parks, parking lots, garages, and for the external lights and road lights of the mass housing project.	952,64	323,44
35.125.1780	Astronomical Time Relay: (Unit: Qty.) Supply to the worksite, installation, testing and delivery in working order of astronomical time relays that can be programmed with geographical coordinates (astronomical), automatically calculating sunrise and sunset times with a maximum precision of ± 1 minute according to geographical location, with at least 1 relay output, ability to define and implement at least 15		

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	different timing tasks, programmable at certain times within a day (24-hour cycle), allowing the assigning of separate programs for each day of the week, with a backlit LCD screen of at least 1.3", storing programs in case of power outage (battery support), including any minor material and labor, of buttons		
35.125.1782	Astronomical time relay	2.133,46	323,44
35.125.1785	Astronomical time relay (communication, RS-485)	3.199,38	323,44
35.125.2000	FLOAT SWITCHES:		
35.125.2100	Mechanical contact type: (Unit: Qty.) Supply and installation complete with a mineral or plastic floater, controller mill, copper wire, reels, weather-proof contactor and electrical connections, including any material and labor.		
35.125.2101	Up to 2 x 25 A (Single-phase)	805,15	187,50
35.125.2102	Up to 3 x 25 A (3-phase)	881,05	187,50
35.125.2200	Mercury contact type: (Unit: Qty.) Supply and installation of a float switch that is identical with the Item No. 35.125.2100 except that a contactor circuit operates with a mercury switch connected to the floater.		
35.125.2201	Up to 2 x 25 A (Single-phase)	906,35	187,50
35.125.2202	Up to 3 x 25 A (3-phase)	885,45	187,50
35.125.2300	Regular contact type: (Unit: Qty.) Identical with Item No. 35.125.2100 except that a float switch directly controlled by the floater shall be supplied and installed on the contactor coil.		
35.125.2301	Up to 2 x 25 A (Single-phase)	546,65	187,50
35.125.2302	Up to 3 x 25 A (3-phase)	600,55	187,50
35.125.2400	Mechanical contact type without contactors: (Unit: Qty.)		
35.125.2401	Up to 6 A, Same as the Item Identical with 35.125.2100 except that it does not have contractors.	404,75	187,50
35.125.2500	Mercury contact type without contactors: (Unit: Qty.)		
35.125.2501	Up to 6 A, identical with the Item No. 35.125.2200, except that it is the contactor-free type.	404,75	187,50
35.125.2600	Regular contact type without contactors: (Unit: Qty.)		
35.125.2601	Up to 6 A, identical with Unit Price No. 35.125.2300 except that it does not have contractors.	404,75	187,50
35.125.2700	Star delta automatic switch with a contactor: (Unit: Qty.) Supply and installation, including any material and labor, of a flush-mounted and surface-mounted panel with a lockable door, start - stop button, and the fuses for the signal lamp, time delay relays, panel-type terminal blocks, contactors and automatic star-delta switch with thermal protection relay. NOTE: Start - stop buttons and signal lamps shall not be installed on the panel door and the door shall be earthed.		
35.125.2701	Up to 3 x 25 A	6.831,08	646,88
35.125.2702	Up to 3 x 63 A	10.813,08	646,88
35.125.2703	Up to 3 x 80 A	18.946,48	646,88
35.125.2704	Up to 3 x 100 A	23.258,48	646,88
35.125.2705	Up to 3 x 250 A	36.436,48	646,88
35.125.3000	Remote controlled impulse current switch and its installation (Unit: Qty.) Supply, transportation to the work site, installation in the designated location, establishment of connections, and delivery, including any material and labor, of an impulse current switch in IP20 degree of protection and bearing TS EN 60669-2-2 and CE markings, which shall be capable of turning on and off a lamp or a group of lamps connected in parallel to each other from two or more locations (switching by a light the location of the contacts at each impulse of the current that reaches it), being equipped with an auxiliary switch block where necessary, being controlled "manually" on the unit, performing by optional modules the functions of central control, switching based on time and status monitoring in addition to local controls, operating at an operation temperature of -10 to +40 °C, which shall be equipped with an indicator indicates the status of the contacts, capable of switching on and off minimum 50,000 times on load, and available for installation on a standard 35-mm DIN rail. Unit: The number of relays shall be taken.		
35.125.3001	1 NA 16 A with 1 contact - Controller voltage: 230 V	668,99	214,69
35.125.3002	2 NA 16 A with 2 contact - Controller voltage: 230 V	1.267,86	269,06
35.125.3003	3 NA 16 A with 3 contact - Controller voltage: 230 V	2.224,86	269,06

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.125.3004	4 NA 16 A with 4 contact - Controller voltage: 230 V	2.334,24	323,44
35.125.3005	2 A/K 16 A with 2 contact - Controller voltage: 230 V	1.278,86	269,06
35.125.3050	Side-switching auxiliary switch block for central control (Unit: Qty.) Supply, transportation to the work site, installation, and delivery in working order, including any material and labor, of an auxiliary contact group installed adjacent to the impulse current switch to control the impulse current switch remotely, which is available for installation on a 35-mm steel rail, and affixed with a TS EN 60947-4-3/A1 and CE Compliance Mark. (The switch to be installed at the center shall be paid separately per the relevant item.)	1.031,84	323,44
35.130.0000	COMPENSATION SYSTEM:		
35.130.2000	RELAYS (Unit: Qty.) In compliance with the standards IEC6100 - 6 -2, IEC 61000 – 6 - 4, IEC 61010 -1, and TS EN IEC 60255-1		
35.130.2100	SINGLE-PHASE REACTIVE POWER CONTROL RELAYS: (Unit: Qty.) 1 Current Transformer 220V AC. as per the relevant project design, and delivery, including any material and labor, of the device sized for installation in the panel, with 8 steps, a current transformer and 220V AC supply, which is capable of measuring automatic C/k values.		
35.130.2101	Min. 5 steps	7.936,28	1.521,88
35.130.2102	Min. 8-stage	9.397,65	2.231,25
35.130.2103	Min. 12 steps	11.007,83	2.940,63
35.130.2200	SINGLE-PHASE REACTIVE POWER CONTROL RELAYS: (Unit: Qty.) Reactive power relays are devices that attempt to regulate the power coefficient, which is the ratio of Active Power (W) to the Apparent Power (VA), to the power coefficient set by the user, by controlling the reactive power of the compensation component. A reactive power control relay, 3 Current Transformers, 3 x 380 V AC Supply, which displays minimum three electrical values simultaneously, measures automatically the powers of the capacitors in the compensation system that it is connected to. It can protect the system by deactivating it with a warning so that the problems with current and voltage connections can be resolved, and it selects and concurrently activates or deactivates the required capacitor steps. Detects faulty capacitors. Delivery in working order and installation, including any material and labor and per the relevant project, of the devices which are capable of issuing overcompensation, undercompensation, failed capacitor and exceeded ratio alerts, and of measuring the values of phase voltage (V) of its connected system, RMS value of the phase current that the current transformer is connected to, power coefficient (PC) of the system, the Active Power (W), Reactive Power (VAr), Apparent Power (VA), Harmonics, Active Energy (kWh), Inductive Reactive - Capacitive Reactive Energy (kVARh) drawn by the system		
35.130.2201	Min. 12 steps	11.276,63	2.940,63
35.130.2202	Min. 18 steps	15.191,38	4.359,38
35.130.2203	Min. 12-stage (MODBUS, RTU, Computer Communication)	12.471,63	3.815,63
35.130.2204	Min. 18-stage (MODBUS, RTU, Computer Communication)	16.338,38	5.234,38
35.130.2300	SINGLE-PHASE REACTIVE POWER CONTROL RELAYS: (Unit: Qty.) Supply to the work site, installation per the relevant project, and delivery in working order, including any material and labor, of the devices sized for installation in the enclosure, which are capable of activating the power of each single-phase shunt reactor at an adjustable value, automatically measuring the values of the capacitors in the compensation system that they are connected to, issuing alerts for troubleshooting for the current and voltage connections and disabling the system to protect it, selecting to enable or disable the capacitor steps required depending on the load, detecting failed capacitors, issuing overcompensation, undercompensation, failed capacitor and exceeded ratio alerts, and of measuring the values of phase voltage (V) of its connected system, RMS value of the phase current that the current transformer is connected to, power coefficient (cosØ) of the system, the Active Power (W), Reactive Power (VAr), Apparent Power (VA), total Harmonics, Active Energy (kWh), Inductive - Reactive - Capacitive Energy (kVARh) drawn by the system, in case of compensation failures by means of a reactive power control relay with three Current Transformers, 3x380 V AC Supply and 12 step, and a semiconductor driver connected in addition to the steps.		
35.130.2301	Min. 12 steps	12.668,63	2.940,63
35.130.2302	Min. 18 steps	15.751,38	4.359,38
35.130.2500	Discharge Unit: (Unit: Qty.) Supply to the work site, installation as per the relevant project design, and delivery, including	1.586,79	177,19

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	any material and labor and in working condition, of the device that discharges the capacitors used in compensation systems in a shorter time, prolongs the life of capacitors and contactors, and enables fast compensation.		
35.130.2600	Inductive Load Driver (Unit: Qty.) Supply to the work site, installation as per the relevant project design, and delivery in working order, including any material and labor, of the devices that activate single-phase shunt reactors by triggering their phase angles at different values by semi-conductor switching components within them, allow connection of 3 x 230V single-phase shunt reactors, and are capable of driving inductive loads with minimum 1000-step phase angle control.		
35.130.2601	Max. 5 kVAR (3x8A)	6.872,48	646,88
35.130.2602	Max. 10 kVAR (3x16A)	10.518,28	646,88
35.130.2603	Max. 30 kVAR (3x50A)	15.352,48	646,88
35.130.2700	Shunt Reactor (Unit: Qty.) Supply to the work site, installation per the relevant project design, and delivery, including any material and labor, of a shunt reactor with 3-kV insulation and minimum 120 °C thermal protection, and operating at 50 Hz frequency, which complies with 61558-2-20 and TS EN 60076-6 standards and has a nominal voltage of 230V AC - 1000V AC.		
35.130.2701	Max. 230 V, 1 kVAR	3.078,34	349,24
35.130.2702	Max. 230 V, 1.5 kVAR	3.854,94	349,24
35.130.2703	Max. 230 V, 3 kVAR	6.423,04	366,44
35.130.2704	Max. 230 V, 5 kVAR	9.746,84	383,64
35.130.2705	Max. 230 V, 7.5 kVAR	12.955,34	392,24
35.130.2706	Max. 230 V, 10 kVAR	14.686,34	409,44
35.130.2750	Max. 400 V, 0.5 kVAR	3.795,74	340,64
35.130.2751	Max. 400 V, 1 kVAR	4.646,94	349,24
35.130.2752	Max. 400 V, 1.5 kVAR	5.453,04	357,84
35.130.2753	Max. 400 V, 2.5 kVAR	8.505,14	375,04
35.130.2754	Max. 400 V, 5 kVAR	13.679,14	392,24
35.130.2755	Max. 400 V, 10 kVAR	21.959,08	545,38
35.130.2756	Max. 400 V, 15 kVAR	28.864,26	571,16
35.130.2757	Max. 400 V, 20 kVAR	36.452,86	793,06
35.130.2758	Max. 400 V, 25 kVAR	42.416,06	836,06
35.130.2759	Max. 400 V, 50 kVAR	78.634,65	930,65
35.130.2800	Communication Terminals: (Unit: Qty.) Supply to the work site, installation as per the relevant project design, and delivery in working order, including any material and labor, of the devices that can communicate on RS-485, RS232, optical ports or any protocol that may be developed, or with electricity meters or any other device that supports the TS EN 62056-21 protocol.		
35.130.2801	Ethernet Communication Terminal	7.679,88	646,88
35.130.2802	GPRS Communication Terminal	8.212,88	646,88
35.130.3000	COMPENSATION CAPACITORS: Delivery in working order and installation of a capacitor that complies with TS EN 60831 standard, with a self-repair feature, internal discharge resistance, overpressure protection, terminals protected against touching, including all kinds of materials and labor.		
35.130.3100	At least 400 VAC (operating voltage) 1-Phase Capacitors: (Unit: Qty.)		
35.130.3105	At least 400 VAC, at least 0.25 kVAr (at 230 VAC)	1.843,95	323,44
35.130.3110	At least 400 VAC, at least 0.5 kVAr (at 230 VAC)	1.871,48	323,44
35.130.3115	At least 400 VAC, at least 1 kVAr (at 230 VAC)	1.943,48	323,44
35.130.3120	At least 400 VAC, at least 1.5 kVAr (at 230 VAC)	2.033,48	323,44
35.130.3125	At least 400 VAC, at least 2.5 kVAr (at 230 VAC)	2.222,09	332,04
35.130.3130	At least 400 VAC, at least 5 kVAr (at 230 VAC)	2.698,69	340,64
35.130.3135	At least 400 VAC, at least 7.5 kVAr (at 230 VAC)	2.741,44	350,95

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.130.3140	At least 400 VAC, at least 10 kVAr (at 230 VAC)	2.777,74	359,55
35.130.3200	At least 440 VAC (operating voltage) 3-Phase Capacitors: (Unit: Qty.)		
35.130.3205	At least 440 VAC, at least 0.5 kVAr (at 400 VAC)	1.516,80	323,44
35.130.3210	At least 440 VAC, at least 1 kVAr (at 400 VAC)	1.572,31	323,44
35.130.3215	At least 440 VAC, at least 1.5 kVAr (at 400 VAC)	1.650,30	332,04
35.130.3220	At least 440 VAC, at least 2.5 kVAr (at 400 VAC)	1.789,05	332,04
35.130.3225	At least 440 VAC, at least 5 kVAr (at 400 VAC)	2.168,76	350,95
35.130.3230	At least 440 VAC, at least 7.5 kVAr (at 400 VAC)	2.193,75	350,95
35.130.3235	At least 440 VAC, at least 10 kVAr (at 400 VAC)	2.223,71	359,55
35.130.3240	At least 440 VAC, at least 12.5 kVAr (at 400 VAC)	2.237,26	359,55
35.130.3245	At least 440 VAC, at least 15 kVAr (at 400 VAC)	2.289,65	380,18
35.130.3250	At least 440 VAC, at least 20 kVAr (at 400 VAC)	2.364,41	388,78
35.130.3255	At least 440 VAC, at least 25 kVAr (at 400 VAC)	2.420,41	397,38
35.130.3260	At least 440 VAC, at least 30 kVAr (at 400 VAC)	2.624,33	405,98
35.130.3265	At least 440 VAC, at least 40 kVAr (at 400 VAC)	3.199,83	423,18
35.130.3270	At least 440 VAC, at least 50 kVAr (at 400 VAC)	3.907,21	431,78
35.130.3300	At least 525 VAC (operating voltage) 3-Phase Capacitors: (Unit: Qty.)		
35.130.3305	At least 525 VAC, at least 0.5 kVAr (at 480 VAC)	1.712,93	323,44
35.130.3310	At least 525 VAC, at least 1 kVAr (at 480 VAC)	1.777,56	323,44
35.130.3315	At least 525 VAC, at least 1.5 kVAr (at 480 VAC)	1.866,95	332,04
35.130.3320	At least 525 VAC, at least 2.5 kVAr (at 480 VAC)	2.028,51	332,04
35.130.3325	At least 525 VAC, at least 5 kVAr (at 480 VAC)	2.467,51	350,95
35.130.3330	At least 525 VAC, at least 7.5 kVAr (at 480 VAC)	2.496,63	350,95
35.130.3335	At least 525 VAC, at least 10 kVAr (at 480 VAC)	2.530,09	359,55
35.130.3340	At least 525 VAC, at least 12.5 kVAr (at 480 VAC)	2.545,85	359,55
35.130.3345	At least 525 VAC, at least 15 kVAr (at 480 VAC)	2.612,06	388,78
35.130.3350	At least 525 VAC, at least 20 kVAr (at 480 VAC)	2.697,69	397,38
35.130.3355	At least 525 VAC, at least 25 kVAr (at 480 VAC)	2.752,88	397,38
35.130.3360	At least 525 VAC, at least 30 kVAr (at 480 VAC)	2.988,91	405,98
35.130.3365	At least 525 VAC, at least 40 kVAr (at 480 VAC)	3.656,15	423,18
35.130.3368	At least 525 VAC, at least 50 kVAr (at 480 VAC)	4.478,39	431,78
35.130.3400	At least 690 VAC (operating voltage) 3-Phase Capacitors: (Unit: Qty.)		
35.130.3405	At least 690 VAC, at least 0.5 kVAr (at 600 VAC)	2.432,94	323,44
35.130.3410	At least 690 VAC, at least 1 kVAr (at 600 VAC)	2.539,65	332,04
35.130.3415	At least 690 VAC, at least 1.5 kVAr (at 600 VAC)	2.662,30	332,04
35.130.3420	At least 690 VAC, at least 2.5 kVAr (at 600 VAC)	2.916,20	340,64
35.130.3425	At least 690 VAC, at least 5 kVAr (at 600 VAC)	3.564,26	350,95
35.130.3430	At least 690 VAC, at least 7.5 kVAr (at 600 VAC)	3.617,06	359,55
35.130.3435	At least 690 VAC, at least 10 kVAr (at 600 VAC)	3.654,81	359,55
35.130.3440	At least 690 VAC, at least 12.5 kVAr (at 600 VAC)	3.707,98	388,78
35.130.3445	At least 690 VAC, at least 15 kVAr (at 600 VAC)	3.764,14	388,78
35.130.3450	At least 690 VAC, at least 20 kVAr (at 600 VAC)	3.889,66	397,38
35.130.3455	At least 690 VAC, at least 25 kVAr (at 600 VAC)	3.982,05	405,98
35.130.3460	At least 690 VAC, at least 30 kVAr (at 600 VAC)	4.327,34	405,98
35.130.4000	HARMONIC FILTER REACTORS: Delivery in working order and installation of the reactor in accordance with TS EN 61000-2-2 and TS EN 61558-2-20 standard, including labor and any material.		
35.130.4100	Harmonic Filter Reactor (1 Phase, 189 Hz, p=7%): (Unit: Qty.)		

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.130.4105	230 V at least 0.25 kVAr	1.268,44	323,44
35.130.4110	230 V at least 0.5 kVAr	1.275,36	323,44
35.130.4115	230 V at least 1 kVAr	1.299,78	323,44
35.130.4120	230 V at least 1.5 kVAr	1.348,59	323,44
35.130.4125	230 V at least 2.5 kVAr	1.909,98	323,44
35.130.4130	230 V at least 4 kVAr	2.952,34	323,44
35.130.4135	230 V at least 5 kVAr	3.325,64	323,44
35.130.4140	230 V at least 10 kVAr	4.580,66	323,44
35.130.4300	Harmonic Filter Reactor (3 Phase, 189 Hz, p=7%): (Unit: Qty.)		
35.130.4305	400 V at least 1 kVAr	2.056,41	323,44
35.130.4310	400 V at least 2 kVAr	2.573,44	323,44
35.130.4315	400 V at least 3 kVAr	2.863,75	323,44
35.130.4320	400 V at least 4 kVAr	3.226,66	323,44
35.130.4325	400 V at least 5 kVAr	3.468,59	323,44
35.130.4330	400 V at least 6 kVAr	3.710,53	323,44
35.130.4335	400 V at least 7 kVAr	3.831,49	323,44
35.130.4340	400 V at least 10 kVAr	4.094,13	323,44
35.130.4345	400 V at least 15 kVAr	4.593,59	323,44
35.130.4350	400 V at least 20 kVAr	5.670,19	323,44
35.130.4355	400 V at least 25 kVAr	6.129,88	323,44
35.130.4360	400 V at least 30 kVAr	6.771,00	323,44
35.130.4363	400 V at least 35 kVAr	7.339,55	323,44
35.130.4368	400 V at least 40 kVAr	7.470,49	323,44
35.130.4370	400 V at least 45 kVAr	7.883,90	323,44
35.130.4373	400 V at least 50 kVAr	8.259,13	323,44
35.130.5100	Thyristor Switching Module: (Unit: Qty.) Delivery in working order and installation of a thyristor switching module used as a capacitive load driver, with an operating frequency of 50 Hz, capable of operating in the ambient temperature range of -25 °C to +55 °C, in compliance with TS EN IEC 60947-1 and TS EN 60947-4-3 standards, capable of switching in less than 20 ms, capable of recording error detections, reporting with four LEDs and dry contact outputs on the front panel, and capable of protecting the harmonic filter reactor against overheating thanks to its external thermal terminals, including labor and any material.		
35.130.5105	400 V, at least 5 kVAr	7.214,55	646,88
35.130.5110	400 V, at least 10 kVAr	9.804,08	646,88
35.130.5115	400 V, at least 15 kVAr	10.856,36	646,88
35.130.5120	400 V, at least 25 kVAr	11.908,66	646,88
35.130.5125	400 V, at least 30 kVAr	14.013,24	646,88
35.130.5130	400 V, at least 50 kVAr	16.686,51	646,88
35.130.5160	230 V, at least 3 x 1.5 kVAr	7.214,55	646,88
35.130.5165	230 V, at least 3 x 5 kVAr	10.856,36	646,88
35.130.5170	230 V, at least 3 x 10 kVAr	14.013,24	646,88
35.130.5175	230 V, at least 3 x 15 kVAr	15.884,53	646,88
35.130.5180	230 V, at least 3 x 20 kVAr	18.290,48	646,88
35.135.0000	METERING INSTRUMENTS: To be in compliance with (2014/32/EU) Measuring Instruments Directive. It shall be possible to embed metering instruments on the panel, and alternative current metering instruments shall be in compliance with 50-Hz frequency. Its accuracy class shall be according to Turkish standards (1.5).		
35.135.1100	Voltmeters: (Unit: Qty.) (in compliance with TS 5588 EN 60051-1) Supply and installation of voltmeters with a minimum size of 72x72 mm.		

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.135.1101	0 to 60 V	969,25	258,75
35.135.1102	0 to 500 V	999,70	258,75
35.135.1200	Digital Voltmeters: (Unit: Qty.) Supply to the work site, installation as per the relevant project, and delivery, including any material and labor, of an electronic voltmeter with a minimum size of 72x72 mm, which is in compliance with TS EN 61010-1, connected to electric panels, recording min. and max. values, capable of accurately measuring AC voltage of phases, and suitable for enclosure installation.		
35.135.1201	10 - 300 V AC (L-N), 10-500 V AC (L-L)	1.186,75	258,75
35.135.1400	Digital Ammeter: (Unit: Qty.) Supply to the work site, installation as per the relevant project, and delivery, including any material and labor, of a digital ammeter with a minimum size of 72x72 mm, which is in compliance with TS EN 61010-1, capable of accurately measuring AC current of phases, working with a current transformer, recording demand and max. demand values, and suitable for enclosure installation. The current transformer shall be paid separately.		
35.135.1401	1-10000/5A current transformer	1.296,95	258,75
35.135.1300	Ammeters: (Unit: Qty.) (in compliance with TS 5588 EN 60051-1) Supply and installation in its designated location of an ammeter. A current transformer shall be used for higher types than 100 a. The current transformer shall be paid separately.		
35.135.1303	Up to 100 - 2,000 A	948,23	258,75
35.135.1500	Voltmeter Commutators: (Unit: Qty.) (TS 4915 EN 60669-1)		
35.135.1302	Up to 25 - 100 A	948,23	258,75
35.135.1301	Up to 0 - 25 A	887,33	258,75
35.135.1501	3 positions	584,43	258,75
35.135.1502	4 positions	653,43	258,75
35.135.1503	5 or more positions	668,25	258,75
35.135.1700	Multimeters: (Unit: Qty.) Supply to the work site, installation per the relevant project, and delivery in working order, including any material and labor, of the electronic device which is in compliance with TS EN 61000-2-6, TS EN 61000-6-4, TS EN 61010-1 and TS IEC 61554, connected to electric panels, capable of measuring multiple parameters, and compatible with the panel installation.		
35.135.1701	Multimeter: (in compliance with TS IEC 61554) Supply to the work site, installation as per the relevant project, and delivery, including any material and labor, of a Multimeter that can measure 3-phase current (A) and 3-phase voltage (V).	2.509,15	258,75
35.135.1702	Multimeter: (in compliance with TS IEC 61554) Supply to the work site, installation as per the relevant project design, and delivery, including any material and labor, of a device that can be used with 3-phase current (A), 3-phase voltage, Cosφ and Frequency (Hz) PN), 2-phase and single-phase AC systems.	2.509,15	258,75
35.135.1900	Metering Current Transformer: (1kV 5-10 VA, Cl: 0.5 -I) (Unit: Qty.) (TS- 620 EN 60044-1) Supply and installation of a class 0.5 - 1 metering current transformer with 5-10-VA power, of busbar or non-busbar type, and of the same quality as the metering instruments to be used.		
35.135.1901	100 - 500/5 A.	936,63	258,75
35.135.1902	501 - 2,000/5 A	1.444,13	258,75
35.135.1903	2,001 - 6,000/5 A Cl:1, 10 VA.	2.233,65	258,75
35.135.2000	Frequency meter: (Unit: Qty.) Supply and installation of a frequency meter in compliance with the standards (TS 5592 EN 60051-4), (TS 5558 EN 60051-1), (TS IEC 61554), which has a range of 45 Hz to 55 Hz with 1/2-Hz increments.		
35.135.2001	Gauge type: Supply and installation of a frequency meter that shows the frequency by indicating the number on which the gauge stops	1.033,78	258,75
35.135.2002	Vibration reed type: Supply and installation of a frequency meter that shows the frequency by indicating the number on which the fin vibrates the most.	1.283,18	258,75
35.135.2003	Digital type:	1.152,68	258,75

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	Supply and installation of digital frequency meter with a reading range of 20.0 - 99.9 Hz at 0.1 Hz increments.		
35.135.2500	Energy analyzers and circuit components (unit: qty.) (in compliance with TS IEC 61554) Delivery, including any material and labor, of the devices that can be used in 3-phase (3P, 3PN), 2-phase and single-phase AC systems with a communication module, alarm module, and optional input and output modules, and in compliance with TS EN 61010, which shall be in modular structure that is capable of displaying on its backlit LCD the instantaneous, average and maximum current and power values, voltage, frequency in the range of 45 to 65 Hz, power coefficient and the total harmonic distortion, and RMS values up to the 21st harmonic which should be monitored in an electrical system, and which is capable of displaying five readings simultaneously.		
35.135.2501xxx	Energy analyzer	8.805,05	2.008,75
35.135.2502xxx	Modbus module	2.300,30	258,75
35.135.2503xxx	Pulse module (digital output)	1.411,50	258,75
35.135.2504xxx	Alarm module	1.528,95	258,75
35.135.2505xxx	Two analog output modules	2.383,00	258,75
35.135.2506xxx	Two digital output modules	1.334,65	258,75
35.135.2600	COS Ø METER: (Unit: Qty.) Supply and installation at its designated location of Cos Ø meters that are in compliance with TS EN 62058-31, TS EN 62058-11 and TS EN 62053-11 standards, with 0.5 inductive and 0.5 capacitive Cos Ø values. The current transformer shall not be charged.	1.427,45	258,75
35.135.3000	METERS:		
35.135.3100	Single-Phase, Hour-Tariff Electronic Meters: (Unit: Qty.) It shall be in compliance with TS EN 62053-21, TS EN 62052-11 standards, have a trademark registration and Registration Certificate from the Ministry of Science, Industry and Technology, with the ability to measure at most Class: B (1) error class, an operating frequency of 50 Hz, and information communication with the meter, to be provided via an optical port in accordance with TS EN 62056-21 standard and an RS485 output. Supply, transportation to the workplace, installation, connections and delivery in working order of a single-phase two-wire time-tariffed electronic type active meter and its base, in compliance with the Electricity Market Tariffs Regulation, with the feature of dividing a day into up to 8 different time periods with minute precision depending on the meter's program, manufactured to be dust and water resistant with IP54 protection class (TS EN 60529 standard), with a backlight and a digital display screen with 6 full and 3 decimal digits on the meter, in compliance with the 2014/32/EU Measuring Instruments Directive, and approved by TEDAŞ.		
35.135.3101	At least 5(80) A, 230 V	887,35	258,75
35.135.3200	3-Phase, Time of Use Tariff Electronic Energy Meters: (Unit: Qty.) It shall be in compliance with TS EN 62053-21, TS EN 62052-11 standards, have a trademark registration and Registration Certificate from the Ministry of Science, Industry and Technology, with the ability to measure at most Class: B (1) error class, an operating frequency of 50 Hz, and information communication with the meter will be provided via an optical port in accordance with TS EN 62056-21 standard and an RS485 output. Supply, transportation to the workplace, installation, connections and delivery in working order of a three-phase four-wire time-tariffed electronic type active meter and its base, in compliance with the Electricity Market Tariffs Regulation, with the feature of dividing a day into up to 8 different time periods with minute precision depending on the meter's program, manufactured to be dust and water resistant with IP54 protection class (TS EN 60529), with a backlight and a digital display screen with 6 full and 3 decimal digits on the meter, with the meter having a 100-year real time clock in its own circuit, in compliance with the 2014/32/EU Measuring Instruments Directive, and approved by TEDAŞ.		
35.135.3201	At least 5(100) A, 3 x 230/400 V	1.652,93	313,13
35.135.3300	3-Phase, Hour-Tariff Electronic (Active-Reactive) Meters: (Unit: Qty.) It shall be in compliance with TS EN 62053-21/23, TS EN 62052-11 standards, have a trademark registration and Registration Certificate from the Ministry of Science, Industry and Technology, with the ability to measure capacitive and inductive measurements separately when making reactive measurements, active measurements in maximum Class: B (1) error class, reactive measurements in maximum Class: 2 error class, an operating frequency of 50 Hz, information communication with the meter (in accordance with TS EN 62056-21 standard), to be provided via optical port with an RS485 output. EDIS and OBIS code systems shall be used for data exchange as per the standards, however the terms on the meter's display shall be easy to understand. Supply, transportation to the workplace, installation, connections and delivery in working order of a three-phase four-wire time-tariffed electronic type active-reactive meter and its base, in compliance with the Electricity Market Tariffs Regulation with the feature of dividing a day into up to 8 different time periods with minute precision depending on the meter's program, manufactured to be dust and water resistant with IP54 protection class (TS EN 60529), with a backlight and a digital display screen with 6 full and 3 decimal digits on the meter, in compliance with the 2014/32/EU Measuring Instruments Directive, and approved by TEDAŞ. (The current transformer cost is not included in the price in systems with		

35.100.-High Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	current transformer.)		
35.135.3301	Transformer Meters, At least x../5(10) A, 3 x 58/100 V - 230/400 V	3.604,43	313,13
35.135.3302	Directly Connected Meters, at least 5(100) A, 3 x 230/400 V	3.730,93	313,13
35.135.3500	Single-Phase, Hour-Tariff Electronic Double-Acting Active Meters: (Unit: Qty.) It shall be in compliance with TS EN 62053-21, TS EN 62052-11 standards, have a trademark registration and Registration Certificate from the Ministry of Science, Industry and Technology, with the ability to measure at most Class: B (1) error class, an operating frequency of 50 Hz, and information communication with the meter, to be provided via an optical port in accordance with TS EN 62056-21 standard and an RS485 output. It must be able to store load profiles containing measurements of at least 15 minutes in its memory for at least 90 days. Supply, transportation to the workplace, installation, connections and delivery in working order of a single-phase two-wire time-tariffed electronic type double-acting active meter and its base, in compliance with the Electricity Market Tariffs Regulation, with the feature of dividing a day into up to 8 different time periods with minute precision depending on the meter's program, manufactured to be dust and water resistant with IP54 protection class (TS EN 60529 standard), with a backlight and a digital display screen with 6 full and 3 decimal digits on the meter, in compliance with the 2014/32/EU Measuring Instruments Directive, and approved by TEDAŞ.		
35.135.3510	At least 5(80) A, 230 V	2.313,26	258,75
35.135.3600	3-Phase, Hour-Tariff Electronic Double-Acting Active Meters: (Unit: Qty.) It shall be in compliance with TS EN 62053-21, TS EN 62052-11 standards, have a trademark registration and Registration Certificate from the Ministry of Science, Industry and Technology, with the ability to measure at most Class: B (1) error class, an operating frequency of 50 Hz, and information communication with the meter, to be provided via an optical port in accordance with TS EN 62056-21 standard and an RS485 output. It must be able to store load profiles containing measurements of at least 15 minutes in its memory for at least 90 days. Supply, transportation to the workplace, installation, connections and delivery in working order of a three-phase four-wire time-tariffed electronic type double-acting active meter and its base, in compliance with the Electricity Market Tariffs Regulation, with the feature of dividing a day into up to 8 different time periods with minute precision depending on the meter's program, manufactured to be dust and water resistant with IP54 protection class (TS EN 60529), with a backlight and a digital display screen with 6 full and 3 decimal digits on the meter, with the meter having a 100-year real time clock in its own circuit, in compliance with the 2014/32/EU Measuring Instruments Directive, and approved by TEDAŞ.		
35.135.3610	At least 5(100) A, 3 x 230/400 V	5.066,19	313,13
35.135.3700	3-Phase, Hour-Tariff Electronic Double-Acting (Active-Reactive) Meters: (Unit: Qty.) It shall be in compliance with TS EN 62053-21/23, TS EN 62052-11 standards, have a trademark registration and Registration Certificate from the Ministry of Science, Industry and Technology, with the ability to measure capacitive and inductive measurements separately when making reactive measurements, active measurements in maximum Class: B (1) error class in directly connected meters, reactive measurements in maximum Class: 2 error class, max. active measurements at Class: C (0.5) error class, and max. reactive measurements at Class: 2 error class in transformer meters, an operating frequency of 50 Hz, information communication with the meter (in accordance with TS EN 62056-21 standard), to be provided via optical port with an RS485 output. EDIS and OBIS code systems shall be used for data exchange as per the standards, however the terms on the meter's display shall be easy to understand. It must be able to store load profiles containing measurements of at least 15 minutes in its memory for at least 90 days. Supply, transportation to the workplace, installation, connections and delivery in working order of a three-phase four-wire time-tariffed electronic type double-acting active-reactive meter and its base, in compliance with the Electricity Market Tariffs Regulation, with the feature of dividing a day into up to 8 different time periods with minute precision depending on the meter's program, manufactured to be dust and water resistant with IP54 protection class (TS EN 60529), with a backlight and a digital display screen with 6 full and 3 decimal digits on the meter, in compliance with the 2014/32/EU Measuring Instruments Directive, and approved by TEDAŞ. (The current transformer cost is not included in the price in systems with current transformer.)		
35.135.3710	Transformer Meters, At least x../5(10) A, 3 x 58/100 V - 230/400 V	5.520,83	313,13
35.135.3720	Directly Connected Meters, at least 5(100) A, 3 x 230/400 V	5.713,76	313,13
35.140.0000	CABLES:		
35.140.1000	MAIN AND SUBSIDIARY PANEL EARTH LINES:		

35.100.-High Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.140.1100	Including any material and labor for installation in the same pipe as the principal feeder line in the installation with PVC pipes, (Unit: m)		
35.140.1101	4 mm ² Bare stranded or solid copper wire	52,79	35,00
35.140.1102	6 mm ² Bare stranded or solid copper wire	62,26	35,00
35.140.1103	10 mm ² Bare stranded or solid copper wire	86,73	42,50
35.140.1104	16 mm ² Bare stranded or solid copper wire	116,76	45,63
35.140.1105	25 mm ² Bare stranded or solid copper wire	166,38	53,13
35.140.1200	Including supply of any material and labor for installation in the same pipe as the principal column lines through the steel pipe, gas pipe or galvanized pipe. (Unit: m)		
35.140.1201	8 mm. 4 mm ² Bare stranded or solid copper wire	52,79	35,00
35.140.1202	20 mm 6 mm ² Bare stranded or solid copper wire	62,26	35,00
35.140.1203	25 mm 10 mm ² Bare stranded or solid copper wire	86,73	42,50
35.140.1204	25 mm 16 mm ² Bare stranded or solid copper wire	116,76	45,63
35.140.1205	32 mm. 25 mm ² Bare stranded or solid copper wire	166,38	53,13
35.140.1206	32 mm. 35 mm ² Bare stranded or solid copper wire	210,61	53,13
35.140.1207	40 mm 50 mm ² Bare stranded or solid copper wire	270,76	60,63
35.140.1208	40 mm 70 mm ² Bare stranded or solid copper wire	369,83	63,75
35.140.1300	A free console with earth lines installed on cable clips, including the supply of any material and labor. (Unit: m)		
35.140.1301	4 mm ² Bare stranded or solid copper wire	52,66	35,00
35.140.1302	6 mm ² Bare stranded or solid copper wire	62,61	35,00
35.140.1303	10 mm ² Bare stranded or solid copper wire	87,08	42,50
35.140.1304	16 mm ² Bare stranded or solid copper wire	116,53	45,63
35.140.1305	25 mm ² Bare stranded or solid copper wire	166,74	53,13
35.140.1306	35 mm ² Bare stranded or solid copper wire	211,19	53,13
35.140.1307	50 mm ² Bare stranded or solid copper wire	271,34	60,63
35.140.1308	70 mm ² Bare stranded or solid copper wire	368,06	63,75
35.140.2000	MAIN LINE AND SUPPLY LINES Installation of a column or supply line with the phase and neutral conductors being plastic-insulated as per the lists in the Regulation on Internal Electrical Installations, and supply of any materials (including cable clips, junction sleeves, brackets, terminal blocks, iron consoles, paint, and labor).		
35.140.2100	Installation of a NV (NYA) conductor as well as column and supply lines in PVC pipe: (Unit: m.) Installation of a NV (NYA) conductor as well as column and supply lines in a PVC pipe as per TS EN 50525-1, TS EN 50525-2-31, TS 9756 HD 21.1 S4, TS 9758 HD 21.3 S3, TS 9760 HD 21.5 S3, TS IEC 227-6 and TS HD 21.13 S1 Unit: The length of the pipe including the junction box, brackets and cable clips is the length of the supply line. No extra charge shall apply for junction boxes, brackets, sleeves and cable clips. An intermediate junction box shall be installed at least per 10 m. for the lines longer than 10 m. The immediately higher rate shall apply to intermediate items Note: The cables shall be manufactured in compliance with the TS EN 50575 and TS EN 50575/A1 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Certificate of Constancy of Performance issued by an organization accredited by the European Union.		
35.140.2103	2 x 1 mm ² P.14	116,33	95,06
35.140.2104	2 x 1.5 mm ² P.14	123,79	97,13
35.140.2105	2 x 2.5 mm ² P.14	138,09	100,25
35.140.2106	2 x 4 mm ² P.18	155,48	102,56
35.140.2107	2 x 6 mm ² P.18	178,35	105,69
35.140.2108	2 x 10 mm ² P.26	256,19	129,25
35.140.2109	2 x 16 mm ² P.26	326,09	136,75
35.140.2110	2 x 25 mm ² P.37	440,71	147,38
35.140.2111	2 x 35 mm ² P.37	544,70	152,56
35.140.2112	2 x 50 mm ² P.37	693,13	163,19

35.100.-High Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.140.2130	3 x 1.5 mm ² P.14	163,99	129,00
35.140.2131	3 x 2.5 mm ² P.18	186,19	134,44
35.140.2132	3 x 4 mm ² P.18	211,93	137,56
35.140.2133	3 x 6 mm ² P.26	267,93	155,69
35.140.2134	3 x 10 mm ² P.26	349,90	168,63
35.140.2135	3 x 16 mm ² P.37	457,25	182,38
35.140.2136	3 x 25 mm ² P.37	629,06	198,19
35.140.2137	3 x 35 mm ² P.37	784,76	205,69
35.140.2138	3 x 25+ 16 mm ² P.37	759,41	243,00
35.140.2160	4 x 1,5 mm ² P.18	204,19	160,88
35.140.2161	4 x 2.5 mm ² P.18	231,98	166,31
35.140.2162	4 x 4 mm ² P.26	291,63	187,56
35.140.2163	4 x 6 mm ² P.26	336,56	193,00
35.140.2164	4 x 10 mm ² P.37	446,74	211,13
35.140.2165	4 x 16 mm ² P.37	587,35	226,94
35.140.2190	5 x 1.5 mm ² P.18	244,39	192,75
35.140.2191	5x 2.5 mm ² P.18	280,89	201,31
35.140.2200	6 x 1.5 mm ² P.18	284,59	224,63
35.140.2201	6 x 2.5 mm ² P.18	328,74	235,25
35.140.2300	Installation of a supply line using NV (NYA) conductors within galvanized or internally and externally coated, threaded steel pipes (TS-9). (Unit: m) Installation of a NV (NYA) conductor as well as supply lines as per TS EN 50525-1, TS EN 50525-2-31, TS 9756 HD 21.1 S4, TS 9758 HD 21.3 S3, TS 9760 HD 21.5 S3, TS IEC 227-6 and TS HD 21.13 S1 Unit: As in the item no. 35.140.2100. Note: The cables shall be manufactured in compliance with the TS EN 50575 and TS EN 50575/A1 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Certificate of Constancy of Performance issued by an organization accredited by the European Union.		
35.140.2301	2 x 2.5 mm ² (1/2") Ø15 mm	265,64	169,06
35.140.2302	2 x 4 mm ² (5/8") Ø18 mm	317,65	189,75
35.140.2303	2 x 6 mm ² (3/4") Ø20 mm	340,53	192,88
35.140.2304	2 x 10 mm ² (3/4") Ø20 mm	397,18	203,50
35.140.2305	2 x 16 mm ² (1 ") Ø25 mm	540,51	238,19
35.140.2306	2 x 25 mm ² (1¼") Ø32 mm	762,20	318,38
35.140.2307	2 x 35 mm ² (1¼") Ø32 mm	864,13	321,50
35.140.2308	2 x 50 mm ² (1½") Ø40 mm	1.059,30	353,88
35.140.2309	2 x 70 mm ² (1½") Ø40 mm	1.414,71	394,81
35.140.2310	3 x 2.5 mm ² (5/8") Ø18 mm	348,36	221,63
35.140.2311	3 x 4 mm ² (3/4") Ø20 mm	374,10	224,75
35.140.2312	3 x 6 mm ² (1") Ø25 mm	480,29	255,06
35.140.2313	3 x 10 mm ² (1") Ø25 mm	564,33	270,06
35.140.2314	3 x 16 mm ² (1¼") Ø32 mm	778,74	353,38
35.140.2315	3 x 25 mm ² (1½") Ø40 mm	995,24	388,88
35.140.2316	3 x 35 mm ² (1½") Ø40 mm	1.150,94	396,38
35.140.2317	3 x 50 mm ² (1½") Ø40 mm	1.375,76	414,50
35.140.2318	3 x 70 mm ² (2") Ø50 mm	1.850,29	458,56
35.140.2319	3 x 25 + 16 mm ² (1½") Ø40 mm	1.127,65	435,75
35.140.2320	3 x 35 + 16 mm ² (1½") Ø40 mm	1.286,48	446,38
35.140.2321	3 x 50 + 25 mm ² (2") Ø50 mm	1.671,74	490,44

35.100.-High Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.140.2322	3 x 70 + 35 mm ² (2") Ø50 mm	2.094,73	516,06
35.140.2323	4 x 2.5 mm ² (3/4") Ø20 mm	394,15	253,50
35.140.2324	4 x 4 mm ² (1") Ø25 mm	503,99	286,94
35.140.2325	4 x 6 mm ² (1") Ø25 mm	550,99	294,44
35.140.2326	4 x 10 mm ² (1") Ø25 mm	661,16	312,56
35.140.2327	4 x 16 mm ² (1½") Ø40 mm	953,53	417,63
35.140.2400	NV (NYA) cable: (Unit: m) Supply, transportation to the work site and installation, including any minor material and labor, of cables in compliance with TS EN 50525-1, TS EN 50395, TS EN 50525-2-31, TS 9759 HD 21.4 S2, TS EN 50525-2-71, TS IEC 60227-6, TS HD 21.8 S2 and TS EN 50525-2-51.		
35.140.2401	1 x 1.5 mm ² section	40,20	31,88
35.140.2402	1 x 2.5 mm ² section	45,79	31,88
35.140.2403	1 x 4 mm ² section	56,45	35,00
35.140.2404	1 x 6 mm ² section	66,33	35,00
35.140.2405	1 x 10 mm ² section	96,84	42,50
35.140.2406	1 x 16 mm ² section	131,16	45,63
35.140.2407	1 x 25 mm ² section	190,66	53,13
35.140.2408	1 x 35 mm ² section	240,06	53,13
35.140.2409	1 x 50 mm ² section	316,46	60,63
35.140.2410	1 x 70 mm ² section	435,58	63,75
35.140.2415	1 x 95 mm ² section	582,83	74,38
35.140.2420	1 x 120 mm ² section	732,90	74,38
35.140.2425	1 x 150 mm ² section	884,88	81,88
35.140.2430	1 x 185 mm ² section	1.107,28	88,13
35.140.2435	1 x 240 mm ² section	1.441,79	95,63
35.140.2461	1 x 1 mm ² section	37,50	31,88
35.140.2500	Installation of a supply line with NVV (NYM) lead-free, PVC-insulated cables (Unit: m.) Installation of a supply line using lead-free, PVC-insulated NVV (NYM) cables in compliance with TS EN 50525-1, TS 9756 HD 21.1 S4, TS 9758 HD 21.3 S3, TS 9760 HD 21.5 S3, TS IEC 227-6, TS HD 21.13 S1. Note: The item shall be manufactured in compliance with the TS EN 50575 and TS EN 50575/A1 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Certificate of Constancy of Performance issued by an organization accredited by the European Union.		
35.140.2501	2 x 1.5 mm ²	72,23	50,00
35.140.2502	2 x 2.5 mm ²	86,28	53,13
35.140.2503	2 x 4 mm ²	106,30	56,25
35.140.2504	2 x 6 mm ²	132,13	60,63
35.140.2505	2 x 10 mm ²	199,83	74,38
35.140.2506	2 x 16 mm ²	270,55	77,50
35.140.2507	3 x 1.5 mm ²	83,03	53,13
35.140.2508	3 x 2.5 mm ²	103,05	56,25
35.140.2509	3 x 4 mm ²	132,13	60,63
35.140.2510	3 x 6 mm ²	168,40	63,75
35.140.2511	3 x 10 mm ²	254,43	74,38
35.140.2512	3 x 16 mm ²	360,73	81,88
35.140.2513	4 x 1.5 mm ²	93,30	53,13
35.140.2514	4 x 2.5 mm ²	122,25	60,63
35.140.2515	4 x 4 mm ²	124,18	28,75
35.140.2516	4 x 6 mm ²	205,20	66,88

35.100.-High Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.140.2517	4 x 10 mm ²	319,00	81,88
35.140.2518	4 x 16 mm ²	449,53	85,00
35.140.2531	5 x 1.5 mm ²	105,46	56,25
35.140.2532	5 x 2.5 mm ²	140,38	63,75
35.140.2533	5 x 4 mm ²	186,30	66,88
35.140.2534	5 x 6 mm ²	243,35	71,25
35.140.2535	5 x 10 mm ²	381,75	85,00
35.140.2536	5 x 16 mm ²	555,40	95,63
35.140.2541	2 x 25 mm ²	393,95	92,50
35.140.2543	2 x 35 mm ²	505,84	95,63
35.140.2551	3 x 25 mm ²	534,46	95,63
35.140.2553	3 x 35 mm ²	703,14	106,25
35.140.2561	4 x 25 mm ²	682,69	103,13
35.140.2563	4 x 35 mm ²	901,10	113,75
35.140.2571	5 x 25 mm ²	835,49	113,75
35.140.2573	5 x 35 mm ²	1.106,74	124,38
35.140.2600	FVV-FVVn, NYMHY (FD) type cable: (Unit: m) Manufactured in compliance with TS EN 50525-1, TS EN 50525-2-12/22/31/42/51/71, TS 9759 HD 21.4 S2, TS HD 21.8 S2, TS HD 21.9 S2, TS EN 50525-2-21, TS IEC 60227-6, TS EN 50395 and 2014/35/EU Low Voltage Directive (LVD), and released with a CE marking, Note: The item shall be manufactured in compliance with the TS EN 50575 and TS EN 50575/A1 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Certificate of Constancy of Performance issued by an organization accredited by the European Union.		
35.140.2601	2 x 0.50 mm ² FVV	51,81	42,50
35.140.2602	3 x 0.50 mm ² FVV	53,03	42,50
35.140.2603	4 x 0.50 mm ² FVV	54,11	42,50
35.140.2604	2 x 0.75 mm ² FVV	56,40	42,50
35.140.2605	3 x 0.75 mm ² FVV	59,78	42,50
35.140.2606	4 x 0.75 mm ² FVV	70,46	45,63
35.140.2607	2 x 0.75 mm ² FVV-n	56,14	42,50
35.140.2608	3 x 0.75 mm ² FVV-n	60,59	42,50
35.140.2609	4 x 0.75 mm ² FVV-n	69,25	45,63
35.140.2610	5 x 0.75 mm ² FVV-n	77,00	50,00
35.140.2611	6 x 0.75 mm ² FVV-n	81,08	53,13
35.140.2612	7 x 0.75 mm ² FVV-n	83,31	53,13
35.140.2613	2 x 1 mm ² FVV-n	58,99	42,50
35.140.2614	3 x 1 mm ² FVV-n	68,24	45,63
35.140.2615	4 x 1 mm ² FVV-n	79,66	50,00
35.140.2616	5 x 1 mm ² FVV-n	90,10	53,13
35.140.2617	6 x 1 mm ² FVV-n	103,40	53,13
35.140.2618	7 x 1 mm ² FVV-n	106,06	53,13
35.140.2619	2 x 1.5 mm ² FVV-n	67,90	45,63
35.140.2620	3 x 1.5 mm ² FVV-n	84,30	53,13
35.140.2621	4 x 1.5 mm ² FVV-n	92,81	53,13
35.140.2622	5 x 1.5 mm ² FVV-n	108,39	56,25
35.140.2623	6 x 1.5 mm ² FVV-n	128,49	60,63
35.140.2624	7 x 1.5 mm ² FVV-n	138,16	63,75

35.100.-High Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.140.2625	2 x 2.5 mm ² FVV-n	87,58	53,13
35.140.2626	3 x 2.5 mm ² FVV-n	100,03	53,13
35.140.2627	4 x 2.5 mm ² FVV-n	124,55	60,63
35.140.2628	5 x 2.5 mm ² FVV-n	146,68	63,75
35.140.2629	6 x 2.5 mm ² FVV-n	168,79	66,88
35.140.2630	7 x 2.5 mm ² FVV-n	184,96	71,25
35.140.3100	Installation of column and supply lines with 1-KV YVV (NYY) underground cables: (Unit: m) Installation of column and supply lines with 1-KV, underground YVV (NYY) cables in compliance with TS IEC 60502-1+A1 standards. Supply to the workplace, including cable bushings and escape pipes, any other material and labor, of underground cables for installation on plaster, on walls and ceilings through consoles or clips, or through conduits inside the building, and through conduits outside the building. Unit: The length of the cable between terminal boxes and terminal caps shall be considered. Multiple cables installed in the same conduit shall be housed in cable ducts or pipes in the diameter and length required for each cable at the locations of passage. The terminal boxes, caps, junction boxes, consoles, and conduits shall be paid separately. Steel production shall be paid as per the item 15.550.1202. No additional charges shall apply for passage ducts and pipes up to 10 meters long. Note: The item shall be manufactured in compliance with the TS EN 50575 and TS EN 50575/A1 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Certificate of Constancy of Performance issued by an organization accredited by the European Union.		
35.140.3101	1 x 6 mm ²	82,18	45,63
35.140.3102	1 x 10 mm ²	112,60	53,13
35.140.3103	1 x 16 mm ²	145,35	53,13
35.140.3104	1 x 25 mm ²	203,29	60,63
35.140.3105	1 x 35 mm ²	261,43	63,75
35.140.3106	1 x 50 mm ²	328,09	66,88
35.140.3107	1 x 70 mm ²	443,01	74,38
35.140.3108	1 x 95 mm ²	591,99	81,88
35.140.3109	1 x 120 mm ²	730,05	85,00
35.140.3110	1 x 150 mm ²	882,95	92,50
35.140.3111	1 x 185 mm ²	1.083,09	98,75
35.140.3112	1 x 240 mm ²	1.425,14	109,38
35.140.3130	2 x 1.5 mm ²	80,61	56,25
35.140.3131	2 x 2.5 mm ²	96,13	60,63
35.140.3132	2 x 4 mm ²	118,25	63,75
35.140.3133	2 x 6 mm ²	143,64	66,88
35.140.3134	2 x 10 mm ²	200,93	74,38
35.140.3135	2 x 16 mm ²	275,23	81,88
35.140.3136	2 x 25 mm ²	391,96	92,50
35.140.3160	3 x 1.5 mm ²	94,16	60,63
35.140.3161	3 x 2.5 mm ²	113,66	63,75
35.140.3162	3 x 4 mm ²	143,64	66,88
35.140.3163	3 x 6 mm ²	182,08	71,25
35.140.3164	3 x 10 mm ²	256,45	77,50
35.140.3165	3 x 16 mm ²	367,44	85,00
35.140.3166	3 x 25 mm ²	533,95	95,63
35.140.3190	3 x 25 + 16 mm ²	618,83	98,75
35.140.3191	3 x 35 + 16 mm ²	779,59	106,25
35.140.3192	3 x 50 + 25 mm ²	1.053,53	116,88
35.140.3193	3 x 70 + 35 mm ²	1.455,48	135,00

35.100.-High Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.140.3194	3 x 95 + 50 mm ²	1.981,95	151,88
35.140.3195	3 x 120 + 70 mm ²	2.547,65	170,00
35.140.3196	3 x 150 + 70 mm ²	3.003,68	180,63
35.140.3197	3 x 185 + 95 mm ²	3.742,80	201,88
35.140.3198	3 x 240 + 120 mm ²	4.857,90	223,13
35.140.3220	4 x 1.5 mm ²	105,80	63,75
35.140.3221	4 x 2.5 mm ²	127,41	63,75
35.140.3222	4 x 4 mm ²	171,34	71,25
35.140.3223	4 x 6 mm ²	217,69	74,38
35.140.3224	4 x 10 mm ²	322,64	85,00
35.140.3225	4 x 16 mm ²	456,36	88,13
35.140.3226	4 x 25 mm ²	691,83	106,25
35.140.3227	4 x 35 mm ²	907,61	113,75
35.140.3228	4 x 50 mm ²	1.187,29	127,50
35.140.3229	4 x 70 mm ²	1.651,68	141,25
35.140.3230	4 x 95 mm ²	2.271,60	162,50
35.140.3231	4 x 120 mm ²	2.839,43	177,50
35.140.3232	4 x 150 mm ²	3.450,53	191,25
35.140.3233	4 x 185 mm ²	4.287,91	212,50
35.140.3234	4 x 240 mm ²	5.595,58	233,75
35.140.3250	5 x 1.5 mm ²	116,28	63,75
35.140.3251	5 x 2.5 mm ²	147,31	66,88
35.140.3260	10 x 1.5 mm ²	178,39	74,38
35.140.3261	12 x 1.5 mm ²	205,10	77,50
35.140.3262	14 x 1.5 mm ²	219,95	81,88
35.140.3263	19 x 1.5 mm ²	271,55	85,00
35.140.3264	21 x 1.5 mm ²	278,60	88,13
35.140.3265	24 x 1.5 mm ²	328,03	95,63
35.140.3266	30 x 1.5 mm ²	388,79	98,75
35.140.3400	Installation of column and supply lines with Y2-type 1-kV YVMY (NYCY) underground cables: (Unit: m) Installation of column and supply lines with 1-KV underground cables in compliance with TS EN 60502-1+A1, YVMY (NYCY) Y 2. Same as the Unit Price No. 35.140.3100 except that the item shall be used with YVMY (NYCY) cables (the concentric conductor shall be used as a neutral conductor) Unit: Same as the item no. 35.140.3100. Note: The item shall be manufactured in compliance with the TS EN 50575 and TS EN 50575/A1 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Certificate of Constancy of Performance issued by an organization accredited by the European Union.		
35.140.3401	3 x 6 mm ²	247,21	77,50
35.140.3402	3 x 10 mm ²	357,11	85,00
35.140.3403	3 x 16 mm ²	511,39	95,63
35.140.3404	3 x 25 + 16 mm ²	694,58	109,38
35.140.3405	3 x 35 + 16 mm ²	870,99	116,88
35.140.3406	3 x 50 + 25 mm ²	1.166,23	127,50
35.140.3407	3 x 70 + 35 mm ²	1.632,56	145,63
35.140.3408	3 x 95 + 50 mm ²	2.245,28	162,50
35.140.3409	3 x 120 + 70 mm ²	2.845,48	177,50
35.140.3410	3 x 150 + 70 mm ²	3.329,59	188,13
35.140.3411	3 x 185 + 95 mm ²	4.182,55	212,50

35.100.-High Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.140.3412	3 x 240 + 120 mm ²	5.400,34	230,63
35.140.3430	4 x 1.5 mm ²	133,51	66,88
35.140.3431	4 x 2.5 mm ²	169,60	74,38
35.140.3432	4 x 4 mm ²	225,93	77,50
35.140.3433	4 x 6 mm ²	287,23	81,88
35.140.3434	4 x 10 mm ²	426,86	92,50
35.140.3435	4 x 16 mm ²	609,00	95,63
35.140.3500	Installation of column and supply lines with 1-KV underground cables in compliance with YVOV (NYRY): YVŞÇV (NYFGBY) (Unit: m) Installation of a YVOV (NYRY): YVŞÇV (NYFGBY) supply line in compliance with TS IEC 60502-1+A1. Unit: Same as the item no. 35.140.3100. Note: The item shall be manufactured in compliance with the TS EN 50575 and TS EN 50575/A1 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Certificate of Constancy of Performance issued by an organization accredited by the European Union.		
35.140.3501	3x2.5 /6 mm ²	157,16	71,25
35.140.3502	3x4 /6 mm ²	208,64	77,50
35.140.3503	3x6 /6 mm ²	253,38	85,00
35.140.3504	3x 10 /6 mm ²	348,66	92,50
35.140.3530	4x1.5 /6 mm ²	148,53	71,25
35.140.3531	4 x 2.5 /6 mm ²	178,91	74,38
35.140.3532	4x4 /6 mm ²	245,40	85,00
35.140.3533	4x6 /6 mm ²	293,01	85,00
35.140.3534	4x10 /10 mm ²	404,71	95,63
35.140.3535	4x16 /16 mm ²	588,24	106,25
35.140.3606	3x25 + 16/16 mm ²	748,63	116,88
35.140.3607	3x35 + 16/16 mm ²	920,66	120,00
35.140.3608	3x50 + 25/16 mm ²	1.226,06	138,13
35.140.3609	3x70 + 35/16 mm ²	1.692,01	151,88
35.140.3610	3x95 + 50/25 mm ²	2.292,68	170,00
35.140.3611	3x120 + 70/35 mm ²	2.896,00	188,13
35.140.3612	3x150 + 70/35 mm ²	3.406,71	198,75
35.140.3613	3x185 + 95/50 mm ²	4.252,18	215,63
35.140.3614	3x240 +120/70 mm ²	5.539,59	236,88
35.140.5100	Installation of column and supply lines with 1-KV underground cables with YAVV (NAYY) conductors: (Unit: m) Installation of column and supply lines with 1-KV underground cables with aluminum conductor in compliance with TS IEC 60502-1+A1, YAVV (NAYY): (Unit: m) Identical with the Item no. 35.140.3100 (Phase and neutral conductors are aluminum) Note: The item shall be manufactured in compliance with the TS EN 50575 and TS EN 50575/A1 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Certificate of Constancy of Performance issued by an organization accredited by the European Union.		
35.140.5101	3 x 25 rm/ 16 mm ²	187,50	98,75
35.140.5102	3 x 35 srm/ 16 mm ²	214,49	106,25
35.140.5103	3 x 50 srm/ 25 rm mm ²	259,55	116,88
35.140.5104	3 x 70 srm/ 35 srmmm ²	331,80	135,00
35.140.5105	3 x 95 srm/ 50 srmmm ²	411,98	148,75
35.140.5106	3 x 120 srm/ 70 srmmm ²	500,20	166,88
35.140.5107	3 x 150 srm/ 70 srmmm ²	572,33	177,50
35.140.5108	3 x 185 srm/ 95 srmmm ²	693,75	194,38

35.100.-High Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.140.5109	3 x 240 srm/ 120 srmmm ²	859,48	212,50
35.140.5110	4 x 16 mm ²	166,38	103,13
35.140.5200	Installation of column and supply lines with 1-KV YAVMV (NAYCY) underground cables: (Unit: m) Installation of column and supply lines with 1-KV YAVMY, (NAYCY) underground cables with aluminum conductor in compliance with TS IEC 60502-1+A1. Identical with Item No. 35.140.3100 except that the item shall be used with YAVMY, (NAYCY) cables. Phase conductors shall be aluminum, concentric conductors shall be used as copper and neutral conductor. Unit: Same as the item no. 35.140.3100. Note: The item shall be manufactured in compliance with the TS EN 50575 and TS EN 50575/A1 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Certificate of Constancy of Performance issued by an organization accredited by the European Union.		
35.140.5201	3 x 16 x 16 mm ²	167,63	98,75
35.140.5202	3 x 25 rm/ 16 mm ²	205,88	106,25
35.140.5203	3 x 35 srm/ 16 mm ²	241,10	116,88
35.140.5204	3 x 50 srm/ 25 mm ²	292,33	127,50
35.140.5205	3 x 70 srm/ 35 mm ²	365,80	145,63
35.140.5206	3 x 95 srm/ 50 mm ²	448,43	159,38
35.140.5207	3 x 120 srm/ 70 mm ²	541,46	170,00
35.140.5208	3 x 150 srm/ 70 mm ²	621,09	188,13
35.140.5209	3 x 185 srm/ 95 mm ²	750,45	201,88
35.140.5210	3 x 240 srm/ 120 mm ²	924,35	230,63
35.140.5300	Installation of column and supply lines with 1-KV underground cables with YAVŞV (NAYFY) conductors: (Unit: m) Installation of column and supply lines with 1-KV underground cables with aluminum conductor in compliance with TS IEC 60502-1+A1. Unit: Same as the item no. 35.140.3100. Note: The item shall be manufactured in compliance with the TS EN 50575 and TS EN 50575/A1 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Certificate of Constancy of Performance issued by an organization accredited by the European Union.		
35.140.5301	4 x 16 mm ²	171,94	98,75
35.140.5302	3 x 25 rm/ 16 mm ²	208,39	109,38
35.140.5303	3 x 35 srm/ 16 mm ²	241,73	116,88
35.140.5304	3 x 50 srm/ 25 rm mm ²	286,84	130,63
35.140.5305	3 x 70 srm/ 35 srmmm ²	364,56	145,63
35.140.5306	3 x 95 srm/ 50 srmmm ²	448,43	159,38
35.140.5307	3 x 120 srm/ 70 srmmm ²	547,05	173,13
35.140.5308	3 x 150 srm/ 70 srmmm ²	620,53	191,25
35.140.5309	3 x 185 srm/ 95 srmmm ²	756,73	209,38
35.140.5310	3 x 240 srm/ 120 srmmm ²	918,74	226,25
35.150.1000	Halogen-Free Cables Flame-retardant, halogen-free cables for main line and supply lines. All halogen-free cables shall be in compliance with the TS EN 60754-1, TS EN 60754-2, TS EN 60332-1-2, and TS EN 60332-3-22 standards, and the 2014/35/EU Low Voltage Directive (LVD), and shall be released to the market with CE marking. Note: The cables shall be manufactured in compliance with the TS EN 50575 and TS EN 50575/A1 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Certificate of Constancy of Performance issued by an organization accredited by the European Union.		
35.150.1100	Installation of column and supply lines within HFFR pipes with (H07Z, H07Z1) conductors: (Unit: m) Installation of column or supply lines in compliance with the TS EN 50525-3-31 standard, with plastic insulation (H07Z, 07Z1, minimum 300/500 V), and supply of any materials including pipes, cable clips, junction sleeves, brackets, terminal blocks, iron consoles, paint, and labor.		

35.100.-High Current Interior Wiring

Item No	Job Type			UP+Instal.	Instal. Cost (TRY)
35.150.1103	2x1	mm ²	P.14	117,04	95,06
35.150.1104	2x1.5	mm ²	P.14	122,71	95,06
35.150.1105	2x2.5	mm ²	P.14	138,30	100,25
35.150.1106	2x4	mm ²	P.18	156,46	102,56
35.150.1107	2x6	mm ²	P.18	179,86	105,69
35.150.1108	2x10	mm ²	P.26	262,96	131,31
35.150.1109	2x16	mm ²	P.26	332,10	136,75
35.150.1110	2x25	mm ²	P.37	481,63	158,00
35.150.1111	2x35	mm ²	P.37	580,43	158,00
35.150.1112	2x50	mm ²	P.37	731,45	168,63
35.150.1130	3x1.5	mm ²	P.14	163,30	126,94
35.150.1131	3x2.5	mm ²	P.18	186,40	134,44
35.150.1132	3x4	mm ²	P.18	213,30	137,56
35.150.1133	3x6	mm ²	P.26	272,51	155,69
35.150.1134	3x10	mm ²	P.26	360,84	173,81
35.150.1135	3x16	mm ²	P.37	494,13	189,88
35.150.1136	3x25	mm ²	P.37	672,15	208,00
35.150.1137	3x35	mm ²	P.37	826,60	214,25
35.150.1138	3x25+16	mm ²	P.37	805,00	253,63
35.150.1160	4x1.5	mm ²	P.18	203,89	158,81
35.150.1161	4 x 2.5	mm ²	P.18	232,19	166,31
35.150.1162	4x4	mm ²	P.26	292,69	184,44
35.150.1163	4x6	mm ²	P.26	341,80	193,00
35.150.1164	4x10	mm ²	P.37	485,83	221,75
35.150.1165	4x16	mm ²	P.37	626,98	235,50
35.150.1190	5x1.5	mm ²	P.18	244,48	190,69
35.150.1191	5x2.5	mm ²	P.18	281,10	201,31
35.150.1200	6x1.5	mm ²	P.18	285,06	222,56
35.150.1201	6x2.5	mm ²	P.18	328,95	235,25
35.150.1300	Installation of a supply line using (H07Z, H07Z1, min. 300/500 V) conductors within galvanized or internally and externally coated, threaded steel pipes (TS-9) (Unit: m) Installation of column or supply lines in compliance with the TS EN 50525-3-31 standard, with plastic insulation (H07Z, H07Z1, minimum 300/500 V), and supply of any materials and labor.				
35.150.1301	2 x 2.5 mm ²	(1/2")	Ø15 mm	262,51	165,94
35.150.1302	2 x 4 mm ²	(5/8")	Ø18 mm	318,43	189,75
35.150.1303	2 x 6 mm ²	(3/4")	Ø20 mm	341,83	192,88
35.150.1304	2 x 10 mm ²	(3/4")	Ø20 mm	399,25	203,50
35.150.1305	2 x 16 mm ²	(1 ")	Ø25 mm	543,89	238,19
35.150.1306	2 x 25 mm ²	(1¼")	Ø32 mm	768,18	318,38
35.150.1307	2 x 35 mm ²	(1¼")	Ø32 mm	870,10	321,50
35.150.1308	2 x 50 mm ²	(1½")	Ø40 mm	1.067,88	353,88
35.150.1309	2 x 70 mm ²	(1½")	Ø40 mm	1.413,44	394,81
35.150.1330	3 x 2.5 mm ²	(3/4")	Ø20 mm	348,36	221,63
35.150.1331	3 x 4 mm ²	(3/4")	Ø20 mm	375,26	224,75
35.150.1332	3 x 6 mm ²	(1")	Ø25 mm	482,24	255,06
35.150.1333	3 x 10 mm ²	(1")	Ø25 mm	570,56	273,19
35.150.1334	3 x 16 mm ²	(1¼")	Ø32 mm	783,80	353,38
35.150.1335	3 x 25 mm ²	(1½")	Ø40 mm	1.008,58	393,25

35.100.-High Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.150.1336	3 x 35 mm ² (1½") Ø40 mm	1.159,90	396,38
35.150.1337	3 x 50 mm ² (1½") Ø40 mm	1.388,63	414,50
35.150.1338	3 x 70 mm ² (2") Ø50 mm	1.852,75	462,94
35.150.1360	3 x 25 + 16 mm ² (1½") Ø40 mm	1.141,43	438,88
35.150.1361	3 x 35 + 16 mm ² (1½") Ø40 mm	1.297,13	446,38
35.150.1362	3 x 50 + 25 mm ² (2") Ø50 mm	1.687,59	490,44
35.150.1363	3 x 70 + 35 mm ² (2") Ø50 mm	2.095,80	516,06
35.150.1370	4 x 2.5 mm ² (3/4") Ø20 mm	394,15	253,50
35.150.1371	4 x 4 mm ² (1") Ø25 mm	502,41	283,81
35.150.1372	4 x 6 mm ² (1") Ø25 mm	553,59	294,44
35.150.1373	4 x 10 mm ² (1") Ø25 mm	668,44	315,69
35.150.1374	4 x 16 mm ² (1½") Ø40 mm	960,28	417,63
35.150.1400	H07Z, H07Z1 type cable (min. 300/500 V) (Unit: m) Installation of H07Z, H07Z1 type cable in compliance with the TS EN 50525-3-31 standard, delivery to the site, installation, and supply of all minor materials and labor. Note: The item shall be manufactured in compliance with the TS EN 50575 and TS EN 50575/A1 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Certificate of Constancy of Performance issued by an organization accredited by the European Union.		
35.150.1401	1 x 1.5 mm ² section	40,59	31,88
35.150.1402	1 x 2.5 mm ² section	45,79	31,88
35.150.1403	1 x 4 mm ² section	56,84	35,00
35.150.1404	1 x 6 mm ² section	66,98	35,00
35.150.1405	1 x 10 mm ² section	97,88	42,50
35.150.1406	1 x 16 mm ² section	132,85	45,63
35.150.1407	1 x 25 mm ² section	193,65	53,13
35.150.1408	1 x 35 mm ² section	243,05	53,13
35.150.1409	1 x 50 mm ² section	320,75	60,63
35.150.1410	1 x 70 mm ² section	434,94	63,75
35.150.1415	1 x 95 mm ² section	583,21	74,38
35.150.1420	1 x 120 mm ² section	728,36	81,88
35.150.1425	1 x 150 mm ² section	878,41	85,00
35.150.1430	1 x 185 mm ² section	1.088,53	92,50
35.150.1435	1 x 240 mm ² section	1.413,11	103,13
35.150.1461	1 x 1 mm ² section	37,75	31,88
35.150.1500	Installation of a supply line with halogen-free, flame-retardant, isolated, multi-core NHXMH cables: (Unit: m) Installation of a column or supply line using NHXMH in compliance with TSE K 328 standard, minimum 300/500 V cables, including any material supply and labor.		
35.150.1501	2 x 1.5 mm ²	75,03	50,00
35.150.1502	2 x 2.5 mm ²	90,39	53,13
35.150.1503	2x4 mm ²	111,63	56,25
35.150.1504	2x6 mm ²	140,05	60,63
35.150.1505	2x10 mm ²	209,05	74,38
35.150.1506	2x16 mm ²	285,45	81,88
35.150.1530	3 x 1.5 mm ²	86,40	53,13
35.150.1531	3 x 2.5 mm ²	102,65	53,13
35.150.1532	3x4 mm ²	139,40	60,63
35.150.1533	3x6 mm ²	177,63	63,75
35.150.1534	3x10 mm ²	266,25	74,38

35.100.-High Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.150.1535	3x16 mm ²	375,15	81,88
35.150.1560	4 x 1.5 mm ²	95,50	53,13
35.150.1561	4 x 2.5 mm ²	120,73	56,25
35.150.1562	4x4 mm ²	168,53	63,75
35.150.1563	4x6 mm ²	215,85	66,88
35.150.1564	4x10 mm ²	332,25	81,88
35.150.1565	4x16 mm ²	473,70	88,13
35.150.1580	5x1.5 mm ²	104,94	53,13
35.150.1581	5x2.5 mm ²	139,96	60,63
35.150.1582	5x4 mm ²	196,34	66,88
35.150.1583	5x6 mm ²	259,21	74,38
35.150.1584	5x10 mm ²	391,25	81,88
35.150.1585	5x16 mm ²	565,95	95,63
35.150.2100	Installation of column and supply lines with 1-KV N2XH underground cables: (Unit: m) Supply to the workplace, including cable bushings and escape pipes, any other material and labor, of underground cables for installation on plaster, on walls and ceilings through consoles or clips, or through conduits inside the building, and through conduits outside the building using N2XH, 0.6/1 kV cables in compliance with TS HD 604 S1 standard. Note: The item shall be manufactured in compliance with the TS EN 50575 and TS EN 50575/A1 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Certificate of Constancy of Performance issued by an organization accredited by the European Union.		
35.150.2101	1x6 mm ²	92,96	45,63
35.150.2102	1x10 mm ²	130,04	53,13
35.150.2103	1x16 mm ²	155,19	53,13
35.150.2104	1x25 mm ²	211,91	56,25
35.150.2105	1x35 mm ²	263,66	60,63
35.150.2106	1x50 mm ²	336,99	63,75
35.150.2107	1x70 mm ²	456,54	71,25
35.150.2108	1x95 mm ²	601,41	74,38
35.150.2109	1x120 mm ²	753,79	85,00
35.150.2110	1x150 mm ²	906,76	88,13
35.150.2111	1x185 mm ²	1.114,06	95,63
35.150.2112	1x240 mm ²	1.460,84	106,25
35.150.2113	1x300 mm ²	1.804,55	116,88
35.150.2114	1x400 mm ²	2.318,84	127,50
35.150.2120	2 x 1.5 mm ²	81,88	53,13
35.150.2121	2 x 2.5 mm ²	93,35	53,13
35.150.2122	2x4 mm ²	116,05	56,25
35.150.2123	2x6 mm ²	145,56	63,75
35.150.2124	2x10 mm ²	209,09	71,25
35.150.2125	2x16 mm ²	281,06	74,38
35.150.2126	2x25 mm ²	409,14	85,00
35.150.2150	3 x 1.5 mm ²	91,74	53,13
35.150.2151	3 x 2.5 mm ²	112,00	56,25
35.150.2152	3x4 mm ²	145,14	60,63
35.150.2153	3x6 mm ²	181,34	63,75
35.150.2154	3x10 mm ²	270,26	74,38
35.150.2155	3x16 mm ²	353,04	77,50

35.100.-High Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.150.2156	3x25 mm ²	552,66	88,13
35.150.2170	3x25+16 mm ²	639,00	95,63
35.150.2171	3x35+16 mm ²	811,63	106,25
35.150.2172	3x50+25 mm ²	1.096,98	116,88
35.150.2173	3x70+35 mm ²	1.507,20	127,50
35.150.2174	3x95+50 mm ²	2.055,55	141,25
35.150.2175	3x120+70 mm ²	2.646,08	159,38
35.150.2176	3x150+70 mm ²	3.099,08	166,88
35.150.2177	3x185+95 mm ²	3.895,83	180,63
35.150.2178	3x240+120 mm ²	5.073,43	209,38
35.150.2190	4 x 1.5 mm ²	103,64	56,25
35.150.2191	4 x 2.5 mm ²	130,96	60,63
35.150.2192	4x4 mm ²	171,89	63,75
35.150.2193	4x6 mm ²	218,89	66,88
35.150.2194	4x10 mm ²	325,36	77,50
35.150.2195	4x16 mm ²	466,24	85,00
35.150.2196	4x25 mm ²	705,83	95,63
35.150.2197	4x35 mm ²	932,45	106,25
35.150.2198	4x50 mm ²	1.236,03	116,88
35.150.2199	4x70 mm ²	1.750,63	130,63
35.150.2200	4x95 mm ²	2.385,70	148,75
35.150.2201	4x120 mm ²	2.979,95	162,50
35.150.2202	4x150 mm ²	3.602,45	177,50
35.150.2203	4x185 mm ²	4.499,10	191,25
35.150.2204	4x240 mm ²	5.856,68	223,13
35.150.2210	5 x 1.5 mm ²	119,49	60,63
35.150.2211	5 x 2.5 mm ²	152,31	63,75
35.150.2212	5x4 mm ²	202,69	66,88
35.150.2213	5x6 mm ²	261,06	71,25
35.150.2214	5x10 mm ²	399,01	85,00
35.150.2240	10 x 1.5 mm ²	192,64	74,38
35.150.2241	12 x 1.5 mm ²	233,56	77,50
35.150.2242	14 x 1.5 mm ²	295,99	81,88
35.150.2243	19x1.5 mm ²	361,21	85,00
35.150.2244	21x1.5 mm ²	394,04	88,13
35.150.2245	24x1.5 mm ²	444,74	95,63
35.150.2246	30x1.5 mm ²	536,69	98,75
35.150.3100	N2XH FE 180 type 0.6/1kV fire-resistant cables: (unit: m) Cables with single or multiple wires, copper conductors, special synthetic insulators, special layers of fill and a special synthetic external casing, which shall retain their functionality for 180 in flames as per TS EN 60332-3-24, and TS IEC 60331-11/21 standards, and comply with the TS HD 604 S1, TS EN 61034-1/2, and TS EN 60754-1/2 standards, with any material and labor included.		
35.150.3101	1x4 re	92,55	45,63
35.150.3102	1x6 re	102,78	50,00
35.150.3103	1 x 10 rm	121,50	53,13
35.150.3104	1 x 16 rm	157,90	53,13
35.150.3105	1 x 25 rm	214,80	60,63
35.150.3106	1 x 35 rm	273,83	63,75

35.100.-High Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.150.3107	1 x 50 rm	351,05	66,88
35.150.3108	1 x 70 rm	472,95	74,38
35.150.3109	1 x 95 rm	619,55	81,88
35.150.3110	1 x 120 rm	772,18	85,00
35.150.3111	1 x 150 rm	933,08	92,50
35.150.3112	1 x 185 rm	1.146,03	98,75
35.150.3113	1 x 240 rm	1.483,73	106,25
35.150.3114	1x300rm	1.824,93	116,88
35.150.3115	1x400rm	2.358,50	130,63
35.150.3120	2 x 1.5 re	87,58	56,25
35.150.3121	2 x 2.5 re	108,20	60,63
35.150.3122	2 x 4 re	130,83	63,75
35.150.3123	2 x 6 re	161,73	71,25
35.150.3124	2 x 10 rm	223,88	77,50
35.150.3125	2x16 rm	302,29	85,00
35.150.3126	2x25 rm	427,66	95,63
35.150.3127	2x35 rm	545,84	103,13
35.150.3128	2x50 rm	703,54	109,38
35.150.3140	3 x 1.5 re	106,25	60,63
35.150.3141	3 x 2.5 re	127,58	63,75
35.150.3142	3 x 4 re	159,95	66,88
35.150.3143	3 x 6 re	206,45	74,38
35.150.3144	3 x 10 rm	291,95	81,88
35.150.3145	3 x 16 rm/10 rm	469,38	95,63
35.150.3146	3 x 25 rm/16 rm	674,48	103,13
35.150.3147	3 x 35 rm/16 rm	847,90	106,25
35.150.3148	3 x 50 rm/25 rm	1.137,38	116,88
35.150.3149	3 x 70 rm/35 rm	1.569,20	127,50
35.150.3150	3 x 95 rm/50 rm	2.128,13	145,63
35.150.3151	3 x 120 rm/70 rm	2.728,18	159,38
35.150.3152	3 x 150 rm/70 rm	3.219,80	170,00
35.150.3153	3 x 185 rm/95 rm	4.005,75	183,75
35.150.3154	3 x 240 rm/120 rm	5.203,98	209,38
35.150.3160	4 x 1.5 re	120,43	63,75
35.150.3161	4 x 2.5 re	145,13	63,75
35.150.3162	4 x 4 re	193,45	74,38
35.150.3163	4 x 6 re	239,60	74,38
35.150.3164	4 x 10 rm	354,23	85,00
35.150.3165	4x16 rm	500,05	95,63
35.150.3166	4 x 25 rm	751,05	106,25
35.150.3167	4 x 35 rm	975,00	113,75
35.150.3168	4 x 50 rm	1.284,80	120,00
35.150.3169	4 x 70 rm	1.800,83	138,13
35.150.3170	4 x 95 rm	2.456,25	148,75
35.150.3171	4 x 120 rm	3.059,90	170,00
35.150.3172	4 x 150 rm	3.720,53	180,63
35.150.3173	4 x 185 rm	4.611,78	194,38

35.100.-High Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.150.3174	4 x 240 rm	6.018,53	223,13
35.150.3175	4x300rm	7.449,53	247,50
35.150.3180	5 x 1.5 re	137,98	63,75
35.150.3181	5 x 2.5 re	175,38	71,25
35.150.3182	7 x 1.5 re	170,18	71,25
35.150.3183	7 x 2.5 re	214,90	74,38
35.150.3184	10 x 1.5 re	229,43	85,00
35.150.3185	10 x 2.5 re	292,35	88,13
35.150.3186	12 x 1.5 re	239,83	85,00
35.150.3187	12 x 2.5 re	327,45	88,13
35.150.3188	19 x 1.5 re	344,58	95,63
35.150.3189	19 x 2.5 re	472,98	103,13
35.150.3190	5x4 re	229,68	77,50
35.150.3191	5x6 re	295,68	85,00
35.150.3192	5x10re	429,09	95,63
35.150.3193	5x16 re	610,19	103,13
35.150.3200	Silicon-insulated Cables Resistant to Extreme Heat (Unit: m) Supply, transportation, installation, establishment of the connections, and delivery in working order, of halogen-free (bromine, chlorine, fluorine, iodine, etc.), flame-retardant, non-corrosive cables resistant to mechanical impacts and extreme heat and in compliance with the standards (TS EN 50200, TS IEC 60331-21, TS EN 50267-2-1/2/3, TS EN 60332-3-24, TS EN 60228) and capable of conducting current up to three hours (180 minutes) at 750 °C temperature and in flames without any deterioration of its insulation or any change in its current conducting capacity, with a rated voltage of maximum 0.6/1.0 kV (flame resistance category N, water and flame resistance category W per BS 6387), FE 180 / E 90, which shall be coated with a layer of special silicon insulation that can turn into ceramic on single-wire (Class 1-2) or multi-wire (Class V-VI) electrolytic copper conductors for single-core cables, and coated with a silicon external casing that can bend among each other and turn into silicon and insulated with silicon against extreme heat and flames for multi-core cables. Note: Test reports shall be submitted to the Administration.		
35.150.3201	1 x 1.5 mm ²	46,15	31,88
35.150.3202	1 x 2.5 mm ²	54,00	31,88
35.150.3203	1 x 4 mm ²	68,74	35,00
35.150.3204	1 x 6 mm ²	86,14	39,38
35.150.3205	1 x 10 mm ²	134,76	42,50
35.150.3206	1 x 16 mm ²	194,06	50,00
35.150.3207	1 x 25 mm ²	274,19	53,13
35.150.3208	1 x 35 mm ²	345,91	56,25
35.150.3209	1 x 50 mm ²	503,21	63,75
35.150.3210	1 x 70 mm ²	692,71	71,25
35.150.3211	1 x 95 mm ²	960,76	77,50
35.160.0000	OUTLET BRANCHES, PIPES AND FITTINGS:		
35.160.1000	OUTLET BRANCHES:		
35.160.1100	Light outlet branch: (Unit: Qty.) Installation of surface-mounted or flush-mounted lighting branch lines (not including the fixtures), including the labor, and supply and transportation to the work site, of junction boxes, terminal blocks, switches, fixing blocks and any material, with minimum 2.5-mm ² service lines and 1.5-mm ² outlet branch lines, phase and neutral conductors colored per TS EN 60445 and plastic-insulated, which shall be laid through PVC pipes. No price difference shall be charged for thicker walls. Unit: Same as the item no. 35.160.1150.		
35.160.1101	Single switch outlet branch	1.747,48	1.343,13
35.160.1102	Dual switch outlet branch	2.310,60	1.799,31

35.100.-High Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.160.1103	Two-way outlet branch.	2.585,99	2.020,56
35.160.1104	Parallel outlet branch.	833,89	675,56
35.160.1105	Chandelier outlet branch	2.002,85	1.556,88
35.160.1106	Parallel chandelier outlet branch	1.034,89	834,94
35.160.1107	3-phase outlet branch.	2.489,85	1.863,13
35.160.1108	3-phase parallel outlet branch	1.076,51	834,94
35.160.1150	Security line light outlets: (The security line shall be plastic-insulated): (Unit: Qty.) Security line light outlets: The security line shall be plastic-insulated, Installation of surface-mounted or flush-mounted lighting branch lines (not including the fixtures), including the labor, and supply and transportation to the work site, of junction boxes, terminal blocks, switches, fixing blocks and any material, with minimum 2.5-mm ² service lines and 1.5-mm ² outlet branch lines, phase and neutral conductors colored per TS EN 60445 and plastic-insulated, which shall be laid through PVC pipes. No price difference shall be charged for thicker walls. Unit: No additional charges shall apply unless the length of the branch exceeds 35 m. The part of the branch line exceeding 35 m shall be charged as a supply line per the Item No. 35.140.2000. A single outlet shall be considered normal for the single switch outlet branch and chandelier outlet. Extra outlets connected to the aforementioned outlets shall be considered parallel. Two two-way switches and an outlet branch shall be considered a two-way outlet branch, and other outlet branches connected to it shall be considered parallel outlet branches. Deviator switches shall be paid separately per the relevant unit price. The first two of the outlet branches controlled by a dual switch outlet branch, which are at the same location, shall be considered commutator outlet branches, and the rest, parallel outlet branches. Where a breaker is used instead of a switch, the price of the switch shall be deducted, and also the price of the breaker shall be paid. A 3-phase outlet branch is similar to a single switch outlet branch where each fixture is supplied power by 3 phases and 4 or 5 conductors. Switch contactor and contactor controller lines of a 3-phase outlet shall be paid separately. Where each fixture is supplied through a different phase, the first outlet branch shall be charged as single-outlet regular, and other outlet branches connected thereto shall be charged as single-phase parallel outlet branch. Fixtures shall be paid separately per the item no. 35.170.0000.		
35.160.1151	Single switch outlet branch for the security line	2.188,04	1.672,50
35.160.1152	Single switch outlet branch for the security line	2.952,16	2.288,06
35.160.1153	Two-way switch outlet for the security line	3.115,68	2.397,44
35.160.1154	Parallel outlet branch for the security line	1.034,89	834,94
35.160.1155	Chandelier outlet branch for the security line.	2.762,16	2.205,00
35.160.1156	Parallel chandelier outlet branch for the security line.	1.318,83	1.077,25
35.160.1157	3-phase outlet for the security line.	2.736,66	1.998,75
35.160.1158	3-phase parallel outlet branch for the security line.	1.280,64	997,44
35.160.1180	Impulse current switch controlled outlet: (Unit: Qty.) (with materials certified for compliance with TS and CE) Supply, transportation to the work site, and delivery in working order, including any material and labor, of the installation through a PVC pipe of an outlet line including light switches, junction boxes, terminal blocks and fixture blocks, with branch lines installed with conductors that are minimum 2.5 mm ² in section and outlet lines with conductors that are minimum 1.5 mm ² in section, which shall be controlled by a flush-mounted or surface-mounted impulse current switch. Unit: The number of light switches shall be taken, and parallel outlet branches, fixtures and impulse current breakers shall be paid separately per the relevant items.	1.523,76	1.176,25
35.160.1200	WEATHER-PROOF LIGHTING OUTLET LINE (with safety line): Installation, including supply and transportation to the work site of any materials, and labor, of a complete weather-proof outlet line (fixtures not included) with minimum 2.5-mm ² branch lines and minimum 1.5-mm ² outlet lines, using fully weather-proof materials (junction boxes, terminal blocks, switches, etc.) as described below for service and outlet lines given the installation method. Unit: Same as the item no. 35.160.1150.		
35.160.1210	The branch line shall be laid through a PVC pipe, and outlet lines shall be laid through a gas pipe with plastic-insulated conductors. (Unit: Qty.)		
35.160.1211	Single switch outlet branch	2.907,80	2.020,69
35.160.1212	Dual switch outlet branch	4.016,90	2.824,94
35.160.1213	Two-way outlet branch	4.319,29	3.046,19
35.160.1214	Parallel outlet branch	1.853,71	1.211,88
35.160.1220	The branch line shall be laid through a PVC pipe with plastic-insulated conductors, and outlet lines shall be laid with a material of lead-free, antigran, (NVV), (NYM) type: (Unit: Qty.)		
35.160.1221	Single switch outlet branch	1.856,68	1.288,69

35.100.-High Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.160.1222	Dual switch outlet branch	2.326,78	1.601,19
35.160.1223	Two-way outlet branch	2.707,29	1.900,56
35.160.1224	Parallel outlet branch	691,09	452,19
35.160.1230	Branch and outlet lines made of lead-free antigron: (Unit: Qty.)		
35.160.1231	Single switch outlet branch	1.454,80	911,56
35.160.1232	Dual switch outlet branch	1.916,15	1.215,31
35.160.1233	Two-way outlet branch	2.218,54	1.436,56
35.160.1234	Parallel outlet branch	691,09	452,19
35.160.1240	Service and outlet lines shall be laid through a galvanized gas pipe with plastic-insulated conductors: (Unit: Qty.)		
35.160.1241	Single switch outlet branch	3.714,55	2.452,50
35.160.1242	Dual switch outlet branch	4.970,96	3.404,06
35.160.1243	Two-way outlet branch	5.273,35	3.625,31
35.160.1244	Parallel outlet branch	1.741,15	1.183,13
35.160.1500	Power socket outlet branch for the security line. (Unit: Qty.) Supply, transportation to the work site, and installation of complete power socket outlet lines with security line, including any material and labor, of junction boxes, terminal blocks, power sockets within PVC pipes with branch and outlet lines minimum 2.5 mm ² in section, phase, neutral and safety conductors for the sockets with phase, neutral and safety line colored per TS EN 60445 and plastic insulated. Unit: The part of the branch line exceeding 35 m shall be charged as a supply line per the Item No. 35.140.2000.	2.719,56	2.014,69
35.160.1600	WEATHER-PROOF POWER SOCKET OUTLET (with safety line): (Using materials with TS compliance certificate): (Unit: Qty.) Installation of power sockets with external caps and safety lines, and installation of weather-proof power socket outlet lines with min. 2.5-mm ² section using the fully weather-proof materials (junction boxes, terminal blocks, etc.) per the installation method of service and outlet lines given below, including the supply and transport to the work site of any material, and labor. Unit: Same as the item no. 35.160.1500. Note: Conductors shall be color-coded as per TS EN 60445.		
35.160.1601	The branch line shall be laid through a PVC pipe, and outlet line conductors shall be laid as regular power socket outlet lines through a gas pipe with plastic-insulated conductors.	3.624,45	2.446,50
35.160.1602	The branch line shall be laid through a PVC pipe with plastic-insulated conductors, and outlet lines shall be laid as regular power socket outlet lines with a material of lead-free, antigron, (NVV), (NYM) type.	2.409,14	1.630,88
35.160.1610	Service and outlet lines made as regular power socket outlet lines of lead antigron.		
35.160.1611	Service and outlet lines made as regular power socket outlet lines of lead-free antigron.	1.835,80	1.092,19
35.160.1612	Service and outlet lines shall be laid through galvanized gas pipes, and plastic-insulated conductors shall be laid as regular power socket outlet lines.	4.751,43	3.048,56
35.160.3000	HALOGEN-FREE OUTLET BRANCHES:		
35.160.3100	Lighting outlet line with halogen-free cable: (Unit: Qty.) Installation of surface-mounted or flush-mounted lighting outlet lines (not including the fixtures), including the labor, and supply and transportation to the work site, of junction boxes, terminal blocks, switches, fixing blocks and any material, with minimum 2.5-mm ² service lines and 1.5-mm ² outlet lines, phase and neutral conductors colored per TS 6249 and plastic-insulated (HO7Z, O7Z1), which shall be laid through halogen-free, flame-retardant pipes. Compliance with the TS EN 60332-1/2, TS EN 60754-1/2 and TS EN 61034-2 standards is required. No price difference shall be charged for thicker walls. (Halogen-free, flame-retardant pipe outlets complying with the standards TS EN 61386-1/21/22, and bearing CE marking shall be included in the price) Note: The item shall be manufactured in compliance with the TS EN 50575 and TS EN 50575/A1 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Certificate of Constancy of Performance issued by an organization accredited by the European Union.		
35.160.3101	Single switch outlet branch	1.751,59	1.340,00
35.160.3102	Dual Switch Outlet Branch	2.313,68	1.790,75
35.160.3103	Two-way Outlet Branch	2.367,81	1.790,75
35.160.3104	Parallel Outlet Branch	838,00	673,50
35.160.3105	Chandelier Outlet Branch	1.941,93	1.488,13
35.160.3106	Parallel Chandelier Outlet Branch	1.146,69	938,63

35.100.-High Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.160.3107	3-phase Outlet Branch	2.302,84	1.665,00
35.160.3108	3-phase Parallel Outlet Branch	1.084,50	832,88
35.160.3200	Lighting outlet line with halogen-free cable and safety line: (Unit: Qty.) Plastic-insulated (H07Z, O7Z1) with safety line and in compliance with TS EN 60332-1-2, TS EN 60754-1/2 and TS EN 61034-2 (halogen-free, flame-retardant pipes in compliance with the TS EN 61386-1/21/22 standards and affixed a CE marking shall be included in the price of the outlet line.) Note: The item shall be manufactured in compliance with the TS EN 50575 and TS EN 50575/A1 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Certificate of Constancy of Performance issued by an organization accredited by the European Union. Unit: No additional charges shall apply unless the length of the branch exceeds 35 m. The part of the branch line exceeding 35 m shall be charged as a supply line per the Item No. 35.150.1000 The single switch outlet branch shall be considered the only outlet for normal and chandelier outlet branches. Additional outlet branches connected to those outlet branches shall be considered parallel. Two two-way switches and an outlet branch shall be considered a two-way outlet branch, and other outlet branches connected to it shall be considered parallel outlet branches. Deviator switches shall be paid separately per the relevant unit price. The first two of the outlet branches controlled by a commutator switch, which are at the same location, shall be considered dual switch outlet branches, and the rest, parallel outlet branches. Where a breaker is used instead of a switch, the price of the switch shall be deducted, and also the price of the breaker shall be paid. A 3-phase outlet branch is similar to a single switch outlet branch where each fixture is supplied power by 3 phases and 4 or 5 conductors. Switch contactor and contactor controller lines of a 3-phase outlet shall be paid separately. Where each fixture is supplied through a different phase, the first outlet branch shall be charged as single-outlet regular, and other outlet branches connected thereto shall be charged as single-phase parallel outlet branch. Fixtures shall be paid separately per the unit price no. 35.170.0000.		
35.160.3201	Single switch outlet branch	2.189,71	1.665,00
35.160.3202	Commutator Outlet Branch	2.957,05	2.277,44
35.160.3203	Two-way Outlet Branch	3.011,19	2.277,44
35.160.3204	Parallel Outlet Branch	1.040,94	832,88
35.160.3205	Chandelier Outlet Branch	2.443,90	1.875,63
35.160.3206	Parallel Chandelier Outlet Branch	1.240,75	989,13
35.160.3207	3-phase Outlet Branch	2.742,21	1.991,25
35.160.3208	3-phase Parallel Outlet Branch	1.284,31	989,13
35.160.3280	Impulse current switch controlled outlet (Halogen-Free) (Unit: Qty.) Supply, transportation to the work site, and delivery in working order, including any material and labor, of the installation through a HFFR pipe of an outlet line including light switches, junction boxes, terminal blocks and fixture blocks, with branch lines installed with conductors that are minimum 2.5 mm ² in section and outlet lines with conductors that are minimum 1.5 mm ² in section, which shall be controlled by a flush-mounted or surface-mounted impulse current switch. Up to 10 light switches shall be taken, and parallel outlet branches, fixtures and impulse current breakers shall be paid separately per the relevant items.	1.594,75	1.240,00
35.160.3300	Weather-proof lighting outlet line (with safety line): Installation, including supply and transportation to the work site of any materials, and labor, of a complete weather-proof outlet line (fixtures not included) with minimum 2.5-mm ² service lines and minimum 1.5-mm ² outlet lines, using fully weather-proof materials (junction boxes, terminal blocks, switches, etc.) as described below for service and outlet lines given the installation method. Compliance with the TS EN 60332-1-2, TS EN 60754-1/2 and TS EN 61034-2 norms is required. Unit: Same as the item no. 35.160.3200.		
35.160.3310	The branch line shall be laid through a HFFR pipe, and outlet lines shall be laid through a gas pipe with plastic-insulated (H07Z, H7Z1) conductors: (Unit: Qty.)		
35.160.3311	Single switch outlet branch	2.909,24	2.015,25
35.160.3312	Commutator Outlet Branch	3.330,99	2.134,44
35.160.3313	Two-way Outlet Branch	3.591,48	2.305,69
35.160.3314	Parallel Outlet Branch	1.968,21	1.404,38
35.160.3320	The branch line shall be laid through a HFFR pipe with plastic-insulated (H07Z, H07Z1) conductors, and outlet lines shall be laid with a material of lead-free, antigron, (NHXMH) type: (Unit: Qty.)		
35.160.3321	Single switch outlet branch	1.874,61	1.288,69
35.160.3322	Commutator Outlet Branch	2.332,34	1.571,94
35.160.3323	Two-way Outlet Branch	2.669,41	1.827,88
35.160.3324	Parallel Outlet Branch	712,34	456,56
35.160.3330	Branch and outlet lines made of lead-free antigron (NHXMH): (Unit: Qty.)		

35.100.-High Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.160.3331	Single switch outlet branch	1.476,55	902,81
35.160.3332	Commutator Outlet Branch	1.963,53	1.215,31
35.160.3333	Two-way Outlet Branch	2.265,91	1.436,56
35.160.3334	Parallel Outlet Branch	712,34	456,56
35.160.3340	Service and outlet lines shall be laid through a galvanized gas pipe with plastic-insulated conductors (H07Z, H07Z1): (Unit: Qty.)		
35.160.3341	Single switch outlet branch	3.712,86	2.445,00
35.160.3342	Commutator Outlet Branch	4.811,09	3.232,56
35.160.3343	Two-way Outlet Branch	5.113,48	3.453,81
35.160.3344	Parallel Outlet Branch	1.746,96	1.183,13
35.160.3400	Power socket outlet line with halogen-free cables: (Unit: Qty.) Supply, transportation to the work site, and installation of complete power socket outlet lines, including any material and labor, of junction boxes, terminal blocks, power sockets within halogen-free, flame-retardant pipes with service and outlet lines minimum 2.5 mm ² in section, phase, neutral and safety conductors for the sockets with phase, neutral and safety line colored per TS EN 60445 and plastic insulated (H07Z, H07Z1). Compliance with TS EN 60332-1-2, TS EN 60754-1/2 and TS EN 61034-2 is required. (Halogen-free, flame-retardant pipe that is in compliance with the TS EN 61386-1/21/22 standard and affixed a CE marking is included in the price of the branch line) Note: The item shall be manufactured in compliance with the TS EN 50575 and TS EN 50575/A1 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Certificate of Constancy of Performance issued by an organization accredited by the European Union. Unit: The part of the branch line exceeding 35 m shall be charged as a supply line per the Item No. 35.150.1000.		
35.160.3401	Power socket outlet branch for the security line.	2.723,35	2.014,69
35.160.3500	Weather proof power socket outlet line (with safety line): (Unit: Qty.) Installation of power sockets with external caps and safety lines, and installation of weather-proof power socket outlet lines using the fully weather-proof materials (junction boxes, terminal blocks, etc.) complying with the TS EN 60332-1-2, TS EN 60754-1/2 and TS EN 61034-2 standards at min 2.5 mm ² section as per the installation method of service and outlet lines given below, including the supply and transport to the work site of any material, and labor. Unit: Similar to the Item No. 35.160.3400. Note: Conductors are color-coded as per TS EN 60445. Note: The item shall be manufactured in compliance with the TS EN 50575 and TS EN 50575/A1 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Certificate of Constancy of Performance issued by an organization accredited by the European Union.		
35.160.3501	The branch line shall be laid through a HFFR pipe, and outlet line conductors shall be laid as regular power socket outlet lines through a gas pipe with plastic-insulated conductors (H07Z, H07Z1).	3.625,94	2.446,50
35.160.3502	Regular power socket outlet line with the branch line installed with plastic-insulated (H07Z, H07Z1) conductors laid through HFFR pipes, and outlet lines made of lead-free, antigran, (NHXMH) materials.	2.419,06	1.625,69
35.160.3503	Service and outlet lines made as regular power socket outlet lines of lead-free antigran (NHXMH)	1.747,25	970,94
35.160.3504	The branch and outlet lines shall be laid as regular power socket outlet lines through a gas pipe with plastic-insulated (H07Z, H07Z1) conductors	4.751,43	3.048,56
35.160.6000	PIPES AND FITTINGS:		
35.160.6100	INSTALLATION OF HOLLOW PIPES: (Unit: m) Supply, installation, including any material and labor, of PVC hollow pipes compliant with the TS EN 61386-1, TS EN 61386-21, TS EN 61386-22 standards, on the reinforced concrete ceilings and walls, and laying a guide wire in the pipe.		
35.160.6101	16-20 mm PVC pipe	43,39	33,38
35.160.6102	25-32 mm PVC pipe	64,58	46,31
35.160.6103	40-50 mm PVC pipe	84,39	51,75
35.160.6200	HALOGEN-FREE FLAME-RETARDANT PIPES: (Unit: m) Supply, installation, including any material and labor, of halogen-free (HF) and flame-retardant (FR) pipes compliant with the TS EN 61386-1, TS EN 61386-21, TS EN 61386-22 standards, on the reinforced concrete ceilings and walls, and laying a guide wire in the pipe.		

35.100.-High Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.160.6201	16-20 mm PE HFFR pipe	43,60	33,38
35.160.6202	25-32 mm PE HFFR pipe	67,21	46,31
35.160.6203	40-50 mm PE HFFR pipe	94,33	51,75
35.160.6204	63-75 mm PE HFFR pipe	138,06	64,69
35.160.6300	Hollow pipe installation outlet: (Unit: Qty.) Supply and installation, including brackets, pipe clips, junction, switch and socket boxes, any material and labor, of 14 to 18-mm peschel, PVC bergman hollow pipes, special wooden pipe clips depending on the type of the fixtures, and laying a guide wire in the pipe Unit: The number of hollow pipes for each fixture shall be taken. The hollow pipe outlet lines shall include service line pipes for both power socket outlet and lighting outlet lines. If a single service line is longer than 35 meters, installation of supply line hollow pipes shall be charged per item no. 35.160.6101.	861,71	711,56
35.160.6310	Hollow pipe installation outlet (HF): (Unit: Qty.) Supply and installation, including brackets, pipe clips, junction, switch and socket boxes, any material and labor, of 16 to 20-mm halogen-free (HF) and fire-resistant (FR) plastic pipes, special wooden pipe clips depending on the type of the fixtures, and laying a guide wire in the pipe Unit: The number of hollow pipes for each fixture shall be taken. The hollow pipe outlet lines shall include service line pipes for both power socket outlet and lighting outlet lines. If a single service line is longer than 35 meters, installation of supply line hollow pipes shall be charged per item no. 35.160.6201.	866,31	711,56
35.160.6350	INSTALLATION DECK PIPE CLIPS (unit: qty.) Transportation to the work site, including any material and labor, of pipe clips with electrical pipe bearings with rotating heads and fixed heads in compliance with the regulation on internal installation, which shall save labor time, prevent crushing and dislocation of power pipes installed beneath the iron mesh, fracture of ceiling concrete caused by the iron, material losses, and connect the iron bearing and pipe to the iron for structures that are built with wooden and metal form work. In addition to the item described above.	24,63	18,38
35.160.6500	Cable Protection Pipes (Unit: m.) Supply and installation, including any material and labor, of polyethylene corrugated pipes resistant to minimum 450 N of external pressure, used as cable protection pipes in energy and telecommunication infrastructures, and in compliance with the standard TS EN 61386-24.		
35.160.6501	Ø50 mm PE corrugated pipe	88,75	66,75
35.160.6502	Ø75 mm PE corrugated pipe	112,03	79,69
35.160.6503	Ø90 mm PE corrugated pipe	129,31	87,19
35.160.6504	Ø110 mm PE corrugated pipe	143,96	94,69
35.160.7100	PVC Manhole (Underground Junction Box): (Unit: Qty.) Provision of a manhole with a flat or grid cover, cable entry, at least IP54 protection class, and its installation including any minor material and labor. Digging of the manhole location and filling of the nearby area are not included in the price.		
35.160.7105	20x20x20 cm	682,21	469,69
35.160.7110	30x30x30 cm	1.040,31	605,63
35.160.7115	40x40x40 cm	1.695,34	782,81
35.160.7120	50x50x50 cm	2.755,94	918,75
35.160.7200	Composite Manhole (Additional Room): (Unit: Qty.) Supply of a manhole made of composite (glass fiber reinforced plastic) material, with a rubber seal on the frame where the cover sits, manufactured in accordance with TS EN 124-1 and TS EN 124-5 standards, with load resistances of D400, C250, B125, A15 specified in the standard, and installation including any minor material and labor. Digging of the manhole location and filling of the nearby area are not included in the price. The dimensions may vary by ±5%.		
35.160.7210	Composite Manhole (480 x 480 x 410 mm)		
35.160.7212	D400 (Group 4)	5.887,50	918,75
35.160.7214	C250 (Group 3)	5.512,50	918,75
35.160.7216	B125 (Group 2)	4.293,75	918,75
35.160.7218	A15 (Group 1)	3.918,75	918,75
35.160.7230	Composite Manhole (480 x 480 x 650 mm)		

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35.160.7232	D400 (Group 4)	7.293,75	918,75
35.160.7234	C250 (Group 3)	6.543,75	918,75
35.160.7236	B125 (Group 2)	5.325,00	918,75
35.160.7238	A15 (Group 1)	4.950,00	918,75
35.160.7240	Composite Manhole (250 x 250 x 300 mm)		
35.160.7242	B125	1.580,63	605,63
35.160.7250	Composite Manhole (350 x 350 x 410 mm)		
35.160.7252	B125	3.643,13	605,63
35.160.7254	A15	3.230,63	605,63
35.160.7270	Composite Manhole (Q560 x 450 mm)		
35.160.7272	B125	4.031,25	918,75
35.160.7274	A15	3.731,25	918,75
35.160.7280	Composite Manhole Booster Element (480 x 480 x 50 mm)	1.325,63	313,13
35.160.8000	Underground cable terminal box (Unit: Qty.) Supply and installation, including the special insulator, greased tape, cable clips, and any other material and labor, of a terminal box for underground cables, which may be sealed with its special fuse that is certified for compliance with the Turkish Standards.		
35.160.8001	2x 25 A. max.	566,54	323,44
35.160.8002	3x 25 A. max.	588,64	323,44
35.160.8003	3x 63 A. max.	996,84	323,44
35.160.8004	3x100 A. max.	1.302,64	510,94
35.160.8005	3x200 A. max.	2.009,84	510,94
35.160.8100	Underground cable caps: (Unit: Qty.) Supply and installation, including its special insulator, greased tape, cable clips, and any other material and labor, for underground cables.		
35.160.8101	Up to 4 x 10 mm ²	785,44	323,44
35.160.8102	Up to 3 x 35 + 16 mm ²	785,44	323,44
35.160.8103	Up to 3 x 70+ 35 mm ²	1.027,44	323,44
35.160.8104	Up to 3 x 120 + 70 mm ²	1.289,74	510,94
35.160.8105	Up to 3 x 185 + 95 mm ²	1.771,54	510,94
35.160.8106	Up to 3 x 240 + 120 mm ²	1.914,54	510,94
35.160.8200	Underground cable junction box (Unit: Qty.) Supply, installation, and delivery, including any material and labor, of cable junctions and special insulators for underground cables.		
35.160.8201	Up to 3 x 4 + 4 mm ²	569,84	323,44
35.160.8202	Up to 3 x 16 + 10 mm ²	569,84	323,44
35.160.8203	Up to 3 x 35 + 16 mm ²	831,64	323,44
35.160.8204	Up to 3 x 70+ 35 mm ²	1.258,44	323,44
35.160.8205	Up to 3 x 120 + 70 mm ²	1.786,94	510,94
35.160.8206	Up to 3 x 185 + 95 mm ²	2.039,94	510,94
35.160.8207	Up to 3 x 240 + 120 mm ²	2.732,94	510,94
35.170.0000	LIGHTING FIXTURES:		
35.170.1000	LED FIXTURES: All LED fixtures shall have a driver with ENEC certificate or TSE product certificate, or a product certificate awarded by a notified body, and a minimum PFC value of 0.95. LEDs must be IESNA LM-80 °Certified. The fixtures shall have a life cycle of minimum 50000 (L70) hours per the TM-21 calculation table, the color rendering index (CRI) of the fixtures shall be minimum 80 and homogeneous light diffusion shall be available. The fixtures shall be in compliance with the standards TS EN 60598-1, TS 8698 EN 60598-2-1, TS EN 60598-2-2, and the fixture drivers shall be in compliance with the standards TS EN 61347-1 and TS EN 61347-2-13 and the 2014/35/EU Low Voltage Directive (LVD), and released with a CE marking. The fixtures shall be awarded a photometric measurement report as per IESNA LM-79 standards by an accredited laboratory, and IP degree of protection shall be tested as per the TS 3033 EN		

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	60529 standard and IK degree of protection tests in positions with IK values shall be carried out as per the TS EN 62262 standard. Also, the fixtures shall be manufactured in compliance with the Restriction of the Use of Certain Hazardous Substances Directive. Note: The luminous flux (lm) values specified in the LED fixture items are the output values of the fixtures, and the consumption power represents the total power drawn from the mains by a fixture.		
35.170.1100	LED Ceiling Fixtures (Unit: Qty.) Supply to the work site, and delivery in working order, including any material, labor and installation, of fixtures of minimum IP40 degree of protection, and with a housing made of minimum 0.5-mm DKP sheet metal and frame made of minimum 0.7-mm-thick DKP sheet metal and a minimum 1-mm-thick opal PMMA diffuser.		
35.170.1101	Surface-mounted LED ceiling fixtures sized 30x30 (with minimum 1000 lm light flux, and minimum fixture luminous efficacy of 100 lm/w)	1.746,56	211,26
35.170.1200	LED Indirect Lighting Fixture (Unit: Qty.) Supply to the work site, and delivery in working order, including any material, labor and installation, of fixtures of IP20 degree of protection, and with a housing made of 0.5-mm, and reflector made of 0.7-mm DKP sheet metal and a diffuser made of sheet metal coated with opal acrylic film.		
35.170.1107	Surface-mounted LED ceiling fixtures sized minimum 30x120 (with minimum 3300 lm light flux, and minimum fixture luminous efficacy of 100 lm/w).	2.848,96	211,26
35.170.1104	Flush-mounted LED ceiling fixtures sized minimum 30x60 (with minimum 1500 lm light flux, and minimum fixture luminous efficacy of 100 lm/w).	1.885,66	211,26
35.170.1103	Surface-mounted LED ceiling fixtures sized minimum 30x60 (with minimum 1500 lm light flux, and minimum fixture luminous efficacy of 100 lm/w).	2.132,66	211,26
35.170.1102	Flush-mounted LED ceiling fixtures sized minimum 30x30 (with minimum 1000 lm light flux, and minimum fixture luminous efficacy of 100 lm/w).	1.525,56	211,26
35.170.1105	Surface-mounted LED ceiling fixtures sized minimum 60x60 (with minimum 3300 lm light flux, and minimum fixture luminous efficacy of 100 lm/w).	2.549,96	211,26
35.170.1108	Flush-mounted LED ceiling fixtures sized minimum 30x120 (with minimum 3300 lm light flux, and minimum fixture luminous efficacy of 100 lm/w).	2.588,96	211,26
35.170.1106	Flush-mounted LED ceiling fixtures sized minimum 60x60 (with minimum 3300 lm light flux, and minimum fixture luminous efficacy of 100 lm/w).	1.899,96	211,26
35.170.1201	Minimum LED indirect lighting fixture light flux of 2000 lm, minimum fixture luminous efficacy of 100 lm/w).	2.965,96	211,26
35.170.1202	Minimum LED indirect lighting fixture light flux of 3000 lm, minimum fixture luminous efficacy of 100 lm/w).	3.199,96	211,26
35.170.1300	LED Clean Room Ceiling Fixture (Unit: Qty.) Supply to the work site, and delivery in working order, including any material, labor and installation, of fixtures of minimum IP65 degree of protection, and with a housing 0.5-mm DKP sheet metal and a diffuser of tempered glass.		
35.170.1301	Surface-mounted LED clean room ceiling fixtures sized minimum 60x60 (with minimum 3300 lm light flux, and minimum fixture luminous efficacy of 100 lm/w).	4.748,91	211,26
35.170.1302	Flush-mounted LED clean room ceiling fixtures sized minimum 60x60 (with minimum 3300 lm light flux, and minimum fixture luminous efficacy of 100 lm/w).	4.332,91	211,26
35.170.1303	Surface-mounted LED clean room ceiling fixtures sized minimum 30x120 (with minimum 3300 lm light flux, and minimum fixture luminous efficacy of 100 lm/w).	5.112,91	211,26
35.170.1304	Flush-mounted LED clean room ceiling fixtures sized minimum 30x120 (with minimum 3300 lm light flux, and minimum fixture luminous efficacy of 100 lm/w).	5.216,91	211,26
35.170.1500	LED Circular (Downlight) Fixtures: (Unit: Qty.) Supply to the work site, and delivery in working order, including any material, labor and installation, of fixtures of minimum IP40 degree of protection, and with cast aluminum housing and cooler and opal PMMA diffuser.		
35.170.1501	Flush-mounted LED downlight fixture (with minimum 800 lm light flux, and minimum fixture luminous efficacy of 100 lm/w).	1.104,36	211,26
35.170.1502	Flush-mounted LED downlight fixture (with minimum 1700 lm light flux, and minimum fixture luminous efficacy of 100 lm/w).	1.386,46	211,26
35.170.1503	Surface-mounted LED downlight fixture (with minimum 800 lm light flux, and minimum fixture luminous efficacy of 100 lm/w).	1.667,26	211,26
35.170.1504	Surface-mounted LED downlight fixture (with minimum 1700 lm light flux, and minimum fixture luminous efficacy of 100 lm/w).	2.031,26	211,26
35.170.1600	LED Surface-mounted Weather-proof Fixtures (with polycarbonate body): (Unit: Qty.) Supply to the work site, and delivery in working order, including any material, labor and installation, of fixtures of minimum		

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	IP65 degree of protection, and with polycarbonate housing and opal polycarbonate cover.		
35.170.1601	Surface-mounted LED weather-proof fixture (polycarbonate body) with minimum 1800 lm light flux, and minimum fixture luminous efficacy of 100 lm/w).	1.377,36	211,26
35.170.1602	Surface-mounted LED weather-proof fixture (polycarbonate body) with minimum 2700 lm light flux, and minimum fixture luminous efficacy of 100 lm/w).	1.909,06	211,26
35.170.1603	Surface-mounted LED weather-proof fixture (polycarbonate body) with minimum 3600 lm light flux, and minimum fixture luminous efficacy of 100 lm/w).	2.088,46	211,26
35.170.1700	Surface-mounted Weather-proof LED Fixtures (with aluminum body): (Unit: Qty.) Supply to the work site, and delivery in working order, including any material, labor and installation, of fixtures of minimum IP65 degree of protection, and with aluminum housing and opal diffuser.		
35.170.1701	Surface-mounted LED weather-proof fixture (aluminum body) with minimum 1800 lm light flux, and minimum fixture luminous efficacy of 100 lm/w).	2.130,06	211,26
35.170.1702	Surface-mounted LED weather-proof fixture (aluminum body) with minimum 2700 lm light flux, and minimum fixture luminous efficacy of 100 lm/w).	2.377,06	211,26
35.170.1703	Surface-mounted LED weather-proof fixture (aluminum body) with minimum 3600 lm light flux, and minimum fixture luminous efficacy of 100 lm/w).	2.582,46	211,26
35.170.1750	LED Globe Fixtures (with polycarbonate body): (Unit: Qty.) Supply to the work site, and delivery in working order, including any material, labor and installation of fixtures and with polycarbonate housing and opal polycarbonate cover.		
35.170.1751	LED globe fixture (with polycarbonate body) with minimum 1800 lm light flux, and minimum fixture luminous efficacy of 100 lm/w (minimum IP40 protection grade).	1.148,70	211,26
35.170.1752	LED globe fixture (with polycarbonate body) with minimum 1800 lm light flux, and minimum fixture luminous efficacy of 100 lm/w (minimum IP65 protection grade).	1.421,43	211,26
35.170.1800	LED Globe Fixtures (with aluminum body): (Unit: Qty.) Supply to the work site, and delivery in working order, including any material, labor and installation, of fixtures with aluminum or sheet metal housing and opal polycarbonate cover.		
35.170.1801	LED globe fixture (with aluminum body) with minimum 1800 lm light flux, and minimum fixture luminous efficacy of 100 lm/w (minimum IP40 protection grade).	1.771,26	211,26
35.170.1900	LED High Ceiling Fixture (Unit: Qty.) Supply to the work site, and delivery in working order, including any material, labor and installation, of fixtures of minimum IP65 protection and IK08 mechanical impact degree, and with a housing made of aluminum or minimum 0.7-mm-thick DKP sheet metal and a diffuser of tempered glass.		
35.170.1901	Minimum LED high ceiling fixture light flux of 10,000 lm, minimum fixture luminous efficacy of 110 lm/w.	5.846,26	452,56
35.170.1902	Minimum LED high ceiling fixture light flux of 15,000 lm, minimum fixture luminous efficacy of 110 lm/w.	6.990,26	452,56
35.170.2000	LED Linear Lighting Fixture (Unit: Qty.) Supply to the work site, and delivery in working order, including any material, labor and installation, of fixtures of minimum IP40 degree of protection, and with aluminum housing and opal diffuser.		
35.170.2010	Surface-mounted, minimum 1800 lm light flux, luminous efficacy of radiation minimum of 100 lm/w, LED Linear fixture.	2.546,06	211,26
35.170.2011	Surface-mounted, minimum 2900 lm light flux, luminous efficacy of radiation minimum of 100 lm/w, LED Linear fixture	3.183,06	211,26
35.170.2012	Surface-mounted, minimum 4200 lm light flux, luminous efficacy of radiation minimum of 100 lm/w, LED Linear fixture	4.184,06	211,26
35.170.2020	Flush-mounted, minimum 1800 lm light flux, luminous efficacy of radiation minimum of 100 lm/w, LED Linear fixture.	2.650,06	211,26
35.170.2021	Flush-mounted, minimum 2900 lm light flux, luminous efficacy of radiation minimum of 100 lm/w, LED Linear fixture.	3.378,06	211,26
35.170.2022	Flush-mounted, minimum 4200 lm light flux, luminous efficacy of radiation minimum of 100 lm/w, LED Linear fixture.	4.145,06	211,26
35.170.2100	LED Bar Lighting Fixture (Unit: m) Aluminum extrusion body and opal polycarbonate diffuser, width of at least 1.3 cm, with the provided IK mechanical strength degrees and IP protection degrees, PCB module card with a thickness of at least 1 mm, supply to the worksite and delivery in working order of fixtures, including any material and labor. Driver is not included in the price.		
35.170.2110	LED bar fixture, minimum 700 lm light flux, luminous efficacy of radiation minimum of 80 lm/w (min. IP40) (min. IK07)	840,46	156,56
35.170.2112	LED bar fixture, minimum 1400 lm light flux, luminous efficacy of radiation minimum of 80 lm/w (min. IP40) (min. IK07)	977,24	156,56

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35.170.2114	LED bar fixture, minimum 2000 lm light flux, luminous efficacy of radiation minimum of 80 lm/w (min. IP40) (min. IK07)	1.094,49	156,56
35.170.2116	LED bar fixture, minimum 700 lm light flux, luminous efficacy of radiation minimum of 100 lm/w (min. IP40) (min. IK07)	879,55	156,56
35.170.2118	LED bar fixture, minimum 1400 lm light flux, luminous efficacy of radiation minimum of 100 lm/w (min. IP40) (min. IK07)	1.035,86	156,56
35.170.2120	LED bar fixture, minimum 2000 lm light flux, luminous efficacy of radiation minimum of 100 lm/w (min. IP40) (min. IK07)	1.153,10	156,56
35.170.2200	Driver (Power Supply): (Unit: Qty.) Used in LED Bar Lighting Fixtures (35.170.2100), with output overvoltage and overcurrent protection, with an output voltage of 24 VDC, with an efficiency of at least 83%, with an operating temperature range of -35...+50 °C, ENEC certified or TSE product certified or with a product certificate from an accredited certification body, with a PFC value of at least 0.95, supply to the workplace, delivery in working order and installation of the driver, including any material and labor.		
35.170.2210	At least 100W	2.343,44	194,06
35.170.2220	At least 200W	3.125,04	194,06
35.170.2230	At least 300W	4.883,63	194,06
35.170.2300	Pendant Suspension: (Unit: Qty.) Supply to the workplace and installation of a pendant suspension made of stainless steel wire of at least 1 mm thickness, with the necessary apparatus at the ends for hanging, of adjustable size, with a carrying capacity of at least 10 kg, and delivery including any material and labor. Ceiling and fixture fixing apparatus are included in the price.		
35.170.2310	At least 100 cm	303,11	156,56
35.170.2320	At least 150 cm	325,66	156,56
35.170.2330	At least 200 cm	359,49	156,56
35.170.2400	E27 Socket Globe Fixture: (Unit: Qty.) With a body made of plastic material, including transparent cover diffuser, aluminum reflector, porcelain E27 socket, 220VAC 50/60Hz, with the specified IP protection degree, internal wiring furnished with flame-resistant silicone cable, supply to the worksite and delivery in working order of fixtures, including any material and labor. Light bulb is not included in the price.		
35.170.2410	E27 socket globe fixture, min. IP40	549,45	211,26
35.170.2420	E27 socket globe fixture, min. IP65	774,91	211,26
35.170.2500	LED Light Bulb: (Unit: Qty.) Supply to the worksite, delivery in working order and installation of a light bulb with an E27 socket, an operating temperature range of -20...+50 °C, an internal driver, a lifespan of at least 13000 hours, including any material and labor.		
35.170.2510	LED light bulb, light flux of minimum 800 lm, luminous efficacy of minimum 90 lm/w	179,26	81,56
35.170.2520	LED light bulb, light flux of minimum 1400 lm, luminous efficacy of minimum 90 lm/w	208,58	81,56
35.170.2530	LED light bulb, light flux of minimum 2000 lm, luminous efficacy of minimum 90 lm/w	325,81	81,56
35.170.2600	E27 Socket Pendant Fixture: (Unit: Qty.) With porcelain E27 socket, with a hanging apparatus (stem) of at least 25 cm in length, supply to the worksite and delivery of pendant fixtures, including any material and labor. LED light bulb is not included in the price.	163,64	81,56
35.170.3000	Price difference of LED lighting fixtures in compliance with the DALI protocol: (Unit: Qty.) Price difference of LED fixtures with DALI-compliant drivers for use in lighting automation systems.	1.612,00	
35.170.3050	Price difference of emergency lighting kits for LED lighting fixtures: (Unit: Qty.) Supply to the work site, and delivery in working order, including any material and labor, of	1.417,00	

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	emergency light kits installed on the fixtures to ensure that they remain in operation in emergency, which shall provide the emergency light intensity value specified in the relevant project design up to three hours, comprise an extreme temperature type Ni-cd battery, a charging unit and a status LED, comply with the standards TS EN 61347-2-7, TS EN 60598-2-22, and which shall be released with a CE marking.		
35.170.3100	Price difference of LED lighting fixtures with sensors: (Unit: Qty.) Price difference for LED lighting fixtures with motion sensor, providing a minimum detection range of 10 m, with activation time and daylight sensitivity adjustable via trimming potentiometers on the sensor.		
35.170.3110	180° motion sensor	630,64	
35.170.3120	360° motion sensor	715,88	
35.170.3130	Presence sensor	1.107,89	
35.170.3140	Radar sensor	767,00	
35.170.4000	LED Projectors (Unit: Qty.) Supply to the work site, and delivery in working order, including any material and labor, of projectors with body and front glass frame made of injected cast aluminum, which shall be coated with oven-dried paint, equipped a tempered front glass, resistant to 250 °C temperature and impacts, certified with minimum IP65 and IK08 degree of protection, operable at -20 °C to +65 °C, provided with the components necessary for installation (on ceiling, wall or floor) and bearing a CE compliance marking in compliance as per the standard TS EN 60598-2-5 and the 2014/35/EU Low Voltage Directive (LVD). Note: Shall have a driver with ENEC certificate or TSE product certificate, or a product certificate awarded by a notified body, and a minimum PFC value of 0.95. LEDs must be IESNA LM-80 °Certified. They shall have a life cycle of minimum 50,000 (L70) hours per the TM-21 calculation table, the color rendering index (CRI) of the fixtures shall be minimum 65. The projectors shall be awarded a photometric measurement report as per IESNA LM-79 standards by an accredited laboratory, and IP degree of protection shall be tested as per the TS 3033 EN 60529 standard and IK degree of protection shall be tested as per the TS EN 62262 standard.		
35.170.4001	Minimum LED projector light flux of 3500 lm, minimum fixture luminous efficacy of 110 lm/w.	4.685,76	377,56
35.170.4002	LED projector light flux of minimum 5100 lm, fixture luminous efficacy of minimum 110 lm/w.	6.869,76	377,56
35.170.4003	LED projector light flux of minimum 6800 lm, fixture luminous efficacy of minimum 110 lm/w.	8.052,76	377,56
35.170.4004	LED projector light flux of minimum 8500 lm, fixture luminous efficacy of minimum 110 lm/w.	8.728,76	377,56
35.170.4005	LED projector light flux of minimum 12,750 lm, fixture luminous efficacy of minimum 110 lm/w.	9.508,76	377,56
35.170.4006	LED projector light flux of minimum 17,000 lm, fixture luminous efficacy of minimum 110 lm/w.	10.795,76	377,56
35.170.5200	Motion Sensors: (Unit: Qty.) Supply, transportation to the work site, establishment of the connections and settings, and delivery in working order, including any material and labor, of wall-type, flush-mounted motion sensors of IP44 degree of protection, in compliance with the Restriction of the Use of Certain Hazardous Substances Directive, the 2014/35/EU Low Voltage Directive (LVD), TS EN 60669-2-1 standards and released with a CE marking, which shall operate in 220 to 240-volt mains voltage, a temperature range of -20 °C to +40 °C, adjustment of activity period and daylight by means of trimmers. Wall-type motion sensors shall be equipped with a digital optical detector and have a detection range of 180°, and ceiling-type motion sensors shall have a detection range of 360°.		
35.170.5201	180° wall-type, surface-mounted motion sensor	702,36	194,06
35.170.5202	360° ceiling-type, surface-mounted motion sensor	662,06	194,06
35.170.5203	360° ceiling-type, flush-mounted motion sensor	732,26	194,06
35.170.5210	360° radar sensor	909,09	194,06
35.170.8100	LED surface-mounted fixture suitable for potentially explosive atmospheres (Ex-Proof): (Unit: Qty.) Manufactured in compliance with the Directive of Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres (2014/34/EU). The manufacturer shall have a "Product Quality Assurance Certificate" obtained from an accredited organization. It shall be Ex-proof and meet the requirements of the ATEX directive. The equipment group component shall be "II". Equipment category ZONE 1 shall be 2G and 2D suitable for use in hazardous environments where explosive gas and dust may occur. In compliance with the TS EN IEC 60079-0 standard, the explosion group shall be in compliance with the equipment with Explosion Group IIA, IIB or IIC.		

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	The temperature class shall be T5 or T6. The equipment protection level shall be Gb. The protection class shall be minimum IP66. The light source and driver shall provide features at item 35.170.1000. It shall operate in the 100–277 VAC range. Electrical operating frequency shall be 50/60 Hz. Its resistance to external mechanical impacts must be at least IK10. The fixture shall have an intrinsically safe switch that cuts off the electrical circuit when the threaded cover is opened. There shall be apparatus and accessories (rod, console, etc.) suitable for the ceiling. Supply to the workplace, delivery in working order and installation of the fixture with a body made of polycarbonate or glass fiber reinforced polyester (GRP) material and a polycarbonate diffuser (light source housing), including any material and labor.		
35.170.8105	LED surface-mounted fixture suitable for potentially explosive atmospheres (Ex-Proof), at least 60 cm long, minimum 1000 lm light flux, luminous efficacy of minimum of 100 lm/w	12.626,58	476,58
35.170.8110	LED surface-mounted fixture suitable for potentially explosive atmospheres (Ex-Proof), at least 90 cm long, minimum 1500 lm light flux, luminous efficacy of minimum of 100 lm/w	13.301,58	476,58
35.170.8115	LED surface-mounted fixture suitable for potentially explosive atmospheres (Ex-Proof), at least 120 cm long, minimum 3300 lm light flux, luminous efficacy of minimum of 100 lm/w	14.998,45	476,58
35.170.8120	LED surface-mounted fixture suitable for potentially explosive atmospheres (Ex-Proof), at least 150 cm long, minimum 5500 lm light flux, luminous efficacy of minimum of 100 lm/w	17.585,95	476,58
35.180.0000	UNINTERRUPTIBLE POWER SUPPLY (UPS): (Unit: Qty.) Compliance is required with the 2014/35/EU Low Voltage Directive (LVD), the Directive (2004/108/EC) Electromagnetic Compatibility, and the Regulation on Amendment of Energy Market Customer Services published in the Official Gazette No. 26558 dated June 20, 2007. Transportation to the work site, installation (not including the cables) and delivery in working order of on-line uninterruptible power supplies in compliance with the standards of TS EN 62040-1/2/3, with a power coefficient of 0.9, input power coefficient > 0.99, and EMI/RFI filtering for all devices, input tolerance values of 380 V AC (3-phase) or 220 V AC (single-phase) $\pm 1\%$ and 50 Hz $\pm 5\%$ and an input harmonic distortion of < 8%, equipped with a static (semiconductor) by-pass switch that switches the load to the grid or the auxiliary resource in the event of overload / short circuit / output voltage running out of limits / rectifier failure / extreme temperatures / inverter failure, a built-in mechanical bypass switch, a dry-type, maintenance-free battery pack sufficient to run the system on full load for the required period, an LCD or graphic display panel, and a backlit mimic diagram displaying the system status on the front panel, which shall supply the required power uninterruptedly for 24 hours, have a load crest factor of 3:1, fulfill output values of 380 V AC (3-phase) or 220 V AC (single-phase) $\pm 15\%$ and 50 Hz $\pm 1\%$ as well as total harmonic distortion of < 2% on linear load and < 5% on non-linear load, supply the load while charging fully discharged batteries, keep fully charged batteries at buffer charge, display the values such as current / voltage / frequency / load status / battery on the front panel, perform the inversion by IGBT using PWM (Pulse Width Modulation) to generate an ideal sine wave, and allow connection of a remote monitoring panel as well as an SNMP module. NOTE: 1- Power per cell of the batteries proposed to the Administration shall be calculated as follows: (Device power (VA) x Output CosQ (0.9)) / Inverter efficiency (0.95) / Number of batteries / Number of cells (6)= ...Watt/cell. For the calculation of the batteries, voltage per cell shall be considered 1.70 V/cell. The calculation result and the batteries proposed shall be marked in the catalog and submitted to the administration. The batteries used shall be maintenance-free and TSE-certified. 2- Note for items 35.180.1151/1155/1158: "Output CosQ (0.7)" shall be used in the power calculation per cell given in 1.		
35.180.1100	Uninterruptible Power Supply with 1-phase input and 1-phase output: (Unit: Qty.)		
35.180.1101	6 kVA, and minimum 10 minutes of battery supply time	50.813,10	2.193,00
35.180.1102	6 kVA, and minimum 20 minutes of battery supply time	66.473,69	2.244,59
35.180.1103	10 kVA, and minimum 10 minutes of battery supply time	82.837,70	3.618,80
35.180.1104	10 kVA, and minimum 20 minutes of battery supply time	121.430,19	3.678,99
35.180.1105	15 kVA, and minimum 10 minutes of battery supply time	153.516,79	3.644,59
35.180.1106	15 kVA, and minimum 20 minutes of battery supply time	215.969,84	3.919,64

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.180.1151	1 kVA, and minimum 5 minutes of battery supply time	11.010,23	672,68
35.180.1155	2 kVA, and minimum 5 minutes of battery supply time	19.050,53	672,68
35.180.1158	3 kVA, and minimum 5 minutes of battery supply time	21.922,08	672,68
35.180.1200	Uninterruptible Power Supply with 1-phase input and 3-phase output: (Unit: Qty.)		
35.180.1201	10 kVA, and minimum 10 minutes of battery supply time	137.184,49	4.378,99
35.180.1202	10 kVA, and minimum 20 minutes of battery supply time	146.936,74	4.714,24
35.180.1203	15 kVA, and minimum 10 minutes of battery supply time	155.906,54	4.654,04
35.180.1204	15 kVA, and minimum 20 minutes of battery supply time	205.003,78	4.989,28
35.180.1205	20 kVA, and minimum 10 minutes of battery supply time	187.571,74	4.714,24
35.180.1206	20 kVA, and minimum 20 minutes of battery supply time	268.678,01	5.324,51
35.180.1207	40 kVA, and minimum 10 minutes of battery supply time	318.400,61	7.884,71
35.180.1208	40 kVA, and minimum 20 minutes of battery supply time	465.356,94	8.890,44
35.180.1300	Uninterruptible Power Supply with 3-phase input and 3-phase output (Unit: Qty.)		
35.180.1301	10 kVA, and minimum 10 minutes of battery supply time	150.032,89	4.378,99
35.180.1302	10 kVA, and minimum 20 minutes of battery supply time	160.043,14	4.714,24
35.180.1310	40 kVA, and minimum 20 minutes of battery supply time	447.060,34	10.640,44
35.180.1313	80 kVA, and minimum 10 minutes of battery supply time	616.729,33	12.931,93
35.180.1307	30 kVA, and minimum 10 minutes of battery supply time	251.919,63	7.005,73
35.180.1311	60 kVA, and minimum 10 minutes of battery supply time	474.911,60	10.305,20
35.180.1308	30 kVA, and minimum 20 minutes of battery supply time	281.547,66	7.409,76
35.180.1314	80 kVA, and minimum 20 minutes of battery supply time	727.307,03	15.149,63
35.180.1312	60 kVA, and minimum 20 minutes of battery supply time	527.486,81	13.602,41
35.180.1309	40 kVA, and minimum 10 minutes of battery supply time	297.373,61	7.884,71
35.180.1305	20 kVA, and minimum 10 minutes of battery supply time	187.133,14	4.714,24
35.180.1304	15 kVA, and minimum 20 minutes of battery supply time	209.725,18	4.989,28
35.180.1315	100 kVA, and minimum 10 minutes of battery supply time	729.161,01	15.352,41
35.180.1303	15 kVA, and minimum 10 minutes of battery supply time	163.078,94	4.654,04
35.180.1317	120 kVA, and minimum 10 minutes of battery supply time	848.612,24	18.316,64
35.180.1306	20 kVA, and minimum 20 minutes of battery supply time	216.970,41	7.074,51
35.180.1316	100 kVA, and minimum 20 minutes of battery supply time	905.089,94	17.905,34
35.180.1324	200 kVA, and minimum 10 minutes of battery supply time	1.409.223,75	26.163,15
35.180.1330	250 kVA, and minimum 20 minutes of battery supply time	2.156.809,16	37.287,56
35.180.1335	400 kVA, and minimum 10 minutes of battery supply time	3.054.561,26	47.532,56
35.180.1322	160 kVA, and minimum 20 minutes of battery supply time	1.408.812,46	25.751,86
35.180.1329	250 kVA, and minimum 15 minutes of battery supply time	2.004.358,23	34.734,63
35.180.1318	120 kVA, and minimum 20 minutes of battery supply time	1.143.902,11	21.686,11
35.180.1334	300 kVA, and minimum 20 minutes of battery supply time	2.951.750,34	44.425,74
35.180.1327	250 kVA, and minimum 5 minutes of battery supply time	1.557.659,86	29.087,26
35.180.1320	160 kVA, and minimum 10 minutes of battery supply time	1.172.073,55	21.986,95
35.180.1323	200 kVA, and minimum 5 minutes of battery supply time	1.256.867,41	23.704,81
35.180.1336	400 kVA, and minimum 20 minutes of battery supply time	3.256.838,55	54.116,85
35.180.1326	200 kVA, and minimum 20 minutes of battery supply time	1.786.718,23	31.234,63
35.180.1321	160 kVA, and minimum 15 minutes of battery supply time	1.317.017,00	23.869,40
35.180.1333	300 kVA, and minimum 15 minutes of battery supply time	2.366.624,95	41.606,35
35.180.1328	250 kVA, and minimum 10 minutes of battery supply time	1.633.372,85	31.915,25
35.180.1332	300 kVA, and minimum 10 minutes of battery supply time	2.260.614,34	38.408,74
35.180.1331	300 kVA, and minimum 5 minutes of battery supply time	1.825.568,08	31.513,48

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.180.1325	200 kVA, and minimum 15 minutes of battery supply time	1.505.645,85	28.415,25
35.180.1319	160 kVA, and minimum 5 minutes of battery supply time	927.688,45	19.863,85
35.180.1337	500 kVA, and minimum 10 minutes of battery supply time	4.290.870,84	56.278,14
35.180.1338	500 kVA, and minimum 20 minutes of battery supply time	4.940.691,65	63.807,95
35.180.1339	600 kVA, and minimum 10 minutes of battery supply time	4.869.703,78	65.576,08
35.180.1340	600 kVA, and minimum 20 minutes of battery supply time	6.432.362,51	74.042,81
35.180.1400	Mechanical by-pass (including the external enclosure): (Unit: Qty.)		
35.180.1401	For 10 kVA UPS	6.984,45	2.043,75
35.180.1402	For 15 kVA UPS	8.106,75	2.043,75
35.180.1403	For 20 kVA UPS	9.009,75	2.043,75
35.180.1404	For 30 kVA UPS	10.854,45	2.043,75
35.180.1405	For 40 kVA UPS	15.653,25	2.043,75
35.180.1407	For 60 kVA UPS	18.194,55	2.043,75
35.180.1408	For 80 kVA UPS	24.683,25	2.043,75
35.180.1409	For 100 kVA UPS	32.552,25	2.043,75
35.180.1410	For 120 kVA UPS	33.287,55	2.043,75
35.180.1411	For 160 kVA UPS	85.313,25	2.043,75
35.180.1412	For 200 kVA UPS	98.432,55	2.043,75
35.180.1413	For 250 kVA UPS	113.009,55	2.043,75
35.180.1414	For 300 kVA UPS	131.727,45	2.043,75
35.180.1500	Paralleling kit: (Unit: Qty.)		
35.180.1501	For 10 kVA UPS	16.355,25	2.043,75
35.180.1502	For 15 kVA UPS	16.460,25	2.043,75
35.180.1503	For 20 kVA UPS	16.428,75	2.043,75
35.180.1504	For 30 kVA UPS	16.743,75	2.043,75
35.180.1505	For 40 kVA UPS	16.848,75	2.043,75
35.180.1506	For 60 kVA UPS	17.216,25	2.043,75
35.180.1507	For 80 kVA UPS	17.615,25	2.043,75
35.180.1508	For 100 kVA UPS	17.772,75	2.043,75
35.180.1509	For 120 kVA UPS	18.423,75	2.043,75
35.180.1510	For 160 kVA UPS	18.738,75	2.043,75
35.180.1511	For 200 kVA UPS	22.781,25	2.043,75
35.180.1512	For 250 kVA UPS	22.749,75	2.043,75
35.180.1513	For 300 kVA UPS	22.781,25	2.043,75
35.180.1514	For 400 kVA UPS	22.781,25	2.043,75
35.180.1515	For 500 kVA UPS	28.430,25	2.043,75
35.180.1516	For 600 kVA UPS	28.430,25	2.043,75
35.180.1600	Uninterruptible power supply remote monitoring panel: (Unit: Qty.) Transportation to the work site, installation (except cables) and delivery in working order of remote monitoring panels with an LCD or graphic display panel, and an easy-to-understand illuminated mimic diagram indicating the system status, which shall display the values including current, voltage, frequency, load status, battery status, battery charge and discharge current precisely in on its front panel.	9.671,01	1.293,75
35.180.1601	SNMP software and adapter: (Unit: Qty.) Transport to the work site, installation (cables not included), and delivery in working order, of an SNMP adapter, which enable monitoring the functions of all SNMP-compatible electronic devices on the network without any distance limitation, contain the equipment and software required for this functionality; operate on a TCP/IP network infrastructure; provide output power / input voltage / UPS location and functions / battery charge status / supply time / UPS temperature data; register network outages / restoration of network / frequency / alarm / shutdown / technical problem data with date and time; allow monitoring such values as the	29.094,88	14.646,88

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	input voltage / frequency based on the past data; send a message or email automatically to an address or an address group in the event of an alarm or failure; give signals through symbols of different colors in case of normal operation - warning and a problem.		
35.180.2100	Modular Uninterruptible Power Supply (UPS) (Unit: Qty.) The modular uninterruptible power supply shall be made up of maximum 50-kVA hot-swappable (allowing replacement without causing an interruption in the load) modules. The UPS shall be 3-phase, suitable for continuous operation, solid-state, non-transformer, two-cycle, VFI (voltage- and frequency-independent). The UPS shall be capable of containing a sufficient amount of power modules for required power or redundancy. Each module shall load equally and simultaneously to share the critical load. The UPS shall incorporate minimum two hot-swappable modules to process the full load, and it shall be installed in a cabinet to ensure system integrity. If any of the power modules fails, the failing module should be capable of fully isolating itself automatically from the system. Replacement of modules shall not interrupt the system and can be performed while the critical load is shared on-line by other module(s). The UPS shall record shifts of grid and its reactions to such shifts. The records shall include date, time and the subject. Transportation to the work site, installation (not including the cables) and delivery in working order, including the batteries and cabinets, of modular uninterruptible power supplies with input tolerance values of 380 V AC (3-phase) $\pm 20\%$ and 50 Hz $\pm 10\%$, a minimum output power coefficient of 0.9 and a minimum efficiency value of 0.95, an input current harmonic distortion of $<3\%$ and a load crest factor of 3:1, complying with the standards TS EN 62040-1, TS EN 62040-2, the 2014/35/EU Low Voltage Directive (LVD), the Directive (2004/108/EC) Electromagnetic Compatibility, and the Regulation on Amendment of Energy Market Customer Services published in the Official Gazette No. 26558 dated June 20, 2007 and bearing a CE marking, equipped with an IGBT rectifier, a static (semiconductor) by-pass switch that switches the load to the grid or the auxiliary resource in the event of overload / short circuit / output voltage running out of limits / rectifier failure / extreme temperatures / inverter failure, a built-in mechanical by-pass switch, a dry-type, maintenance-free battery pack sufficient to run the system on full load for the required period in case of a power outage, a flexible DC busbar to ensure continuity of operation, an LCD or graphic display panel, display the values such as current / voltage / frequency / load status / battery precisely on the front panel,		
35.180.2101	40 kVA, and minimum 10 minutes of battery supply time, minimum 50% power increase capacity	753.014,51	7.884,71
35.180.2102	60 kVA, and minimum 10 minutes of battery supply time, minimum 50% power increase capacity	791.142,20	10.305,20
35.180.2103	80 kVA, and minimum 10 minutes of battery supply time, minimum 50% power increase capacity	1.057.702,93	12.931,93
35.180.2104	100 kVA, and minimum 10 minutes of battery supply time, minimum 50% power increase capacity	1.093.018,41	15.352,41
35.180.2105	120 kVA, and minimum 10 minutes of battery supply time, minimum 50% power increase capacity	1.602.565,64	18.316,64
35.180.2106	140 kVA, and minimum 10 minutes of battery supply time, minimum 50% power increase capacity	1.653.954,98	20.427,98
35.180.2107	160 kVA, and minimum 10 minutes of battery supply time, minimum 50% power increase capacity	1.861.010,95	21.986,95
35.180.2108	180 kVA, and minimum 10 minutes of battery supply time, minimum 50% power increase capacity	1.963.663,16	24.019,16
35.180.2109	200 kVA, and minimum 10 minutes of battery supply time, minimum 50% power increase capacity	2.039.853,15	26.163,15
35.180.2110	300 kVA, and minimum 10 minutes of battery supply time, minimum 50% power increase capacity	2.890.727,74	38.408,74
35.180.2111	400 kVA, and minimum 10 minutes of battery supply time, minimum 25% power increase capacity	4.140.831,56	47.532,56
35.180.2112	500 kVA, and minimum 10 minutes of battery supply time	4.916.095,14	56.278,14
35.180.2200	40 kVA, and minimum 20 minutes of battery supply time, minimum 50% power increase capacity	845.683,24	10.640,44

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.180.2201	60 kVA, and minimum 20 minutes of battery supply time, minimum 50% power increase capacity	986.649,41	13.602,41
35.180.2202	80 kVA, and minimum 20 minutes of battery supply time, minimum 50% power increase capacity	1.287.992,63	15.149,63
35.180.2203	100 kVA, and minimum 20 minutes of battery supply time, minimum 50% power increase capacity	1.339.897,34	17.905,34
35.180.2204	120 kVA, and minimum 20 minutes of battery supply time, minimum 50% power increase capacity	1.897.088,11	21.686,11
35.180.2205	140 kVA, and minimum 20 minutes of battery supply time, minimum 50% power increase capacity	1.989.150,01	23.835,01
35.180.2206	160 kVA, and minimum 20 minutes of battery supply time, minimum 50% power increase capacity	2.414.960,86	25.751,86
35.180.2207	180 kVA, and minimum 20 minutes of battery supply time, minimum 50% power increase capacity	2.220.422,56	28.196,56
35.180.2208	200 kVA, and minimum 20 minutes of battery supply time, minimum 50% power increase capacity	2.343.430,63	31.234,63
35.180.2209	300 kVA, and minimum 20 minutes of battery supply time, minimum 50% power increase capacity	3.555.418,74	44.425,74
35.180.2210	400 kVA, and minimum 20 minutes of battery supply time, minimum 25% power increase capacity	4.958.825,85	54.116,85
35.180.2211	500 kVA, and minimum 20 minutes of battery supply time.	6.143.835,95	63.807,95
35.180.3000	PROTECTION AND SAFETY INSULATION POWER SYSTEM (Unit: Qty.) Supply to the work site, installation in its designated location and delivery in working order, of insulation power panels fulfilling the standards TS HD 60364-7-710 and IEC 61558-2-215 with residual current of the output coil to the earth or enclosure smaller than 0.5 mA when supplied with a transformer power with a nominal output of 3.15 kVA, 4 kVA, 5kVA, 6.3 kVA, 8 kVA, or 10 kVA as well as rated voltage and nominal frequency, and with maximum 100 kohm internal impedance and maximum 24 V test current, which shall be manufactured with a metering current below 50 µA, a communication protocol and alarm display panel, and equipped with a medical insulation transformer that is capable of issuing insulation error, transformer overheat and overload errors and with an insulation monitoring device that is capable of issuing insulation errors, transformer overheat and overload errors with a toroidal current transformer, and shall also be equipped with a signal lamp that is lit green during normal operation, amber when the minimum value set for insulation resistance is reached, audible alarms, an alarm panel that can communicate with the insulation monitoring device, and 20 x two-pole automated controllers to be chosen specifically for the project, and which return to normal operation once the error is cleared.		
35.180.3001	3,15 kVA insulation power enclosure	93.913,80	10.425,00
35.180.3002	4 kVA insulation power enclosure	97.348,95	11.718,75
35.180.3003	5 kVA insulation power enclosure	100.784,10	13.012,50
35.180.3004	6,13 kVA insulation power enclosure	104.219,25	14.306,25
35.180.3005	8 kVA insulation power enclosure	107.654,40	15.600,00
35.180.3006	10 kVA insulation power enclosure	111.089,55	16.893,75
35.185.0000	SEPARATE INSTALLATION PARTS:		
35.185.1100	SWITCHES: (Unit: Qty.) Supply, transportation to the work site, and installation, including its casing, any minor material and labor, of regular switches compliant with TS EN 60669-1 with contacts and threaded connection terminals resistant to at least 250 V and 6 A, and fireproof housing and cover.		
35.185.1102	Flush-mounted commutator switch	276,74	221,25
35.185.1101	Flush-mounted regular switch	223,71	166,88
35.185.1110	Surface-mounted regular switch	218,99	166,88
35.185.1104	Flush-mounted deviator switch	281,46	221,25
35.185.1103	Flush-mounted two-way switch	276,06	221,25
35.185.1112	Surface-mounted two-way switch	278,09	221,25
35.185.1111	Surface-mounted commutator switch	280,79	221,25
35.185.1113	Surface-mounted deviator switch	280,79	221,25
35.185.1120	Weather-proof regular switch	237,21	166,88
35.185.1121	Weather-proof commutator switch	299,69	221,25
35.185.1122	Weather-proof two-way switch	301,04	221,25
35.185.1123	Weather-proof deviator switch	299,01	221,25
35.185.1200	POWER OUTLETS: (Unit: Qty.) Supply and installation, including its casing, any minor material and labor, of regular power sockets in compliance with the TS 40, with contacts that can be connected to the security line, and threaded connection terminals resistant to 250 V and 10 A, and fireproof housing.		

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.185.1201	Flush-mounted earthed socket	280,11	221,25
35.185.1202	Surface-mounted earthed socket	286,86	221,25
35.185.1203	Weather proof power socket Fully weather-proof power socket with injected aluminum housing, porcelain base, brass contacts, cover and earthing, and with conductor inlets equipped with rubber seal tips, which shall be resistant to moisture and weather conditions, and awarded at least a certificate of compliance with Turkish Standards.	313,86	221,25
35.185.1230	Price difference for switch or socket with decorative frame: (Unit: Qty.) Price difference for switches and sockets designed in different colors and patterns.	60,00	
35.185.1250	Flush-mounted junction box: (Unit: Qty.) Supply, transportation to the work site, and delivery, including any material and labor, of conductors to be flush mounted and extended with attachment that can resist up to 250 V, and junction boxes with ring (torus) terminal blocks, which shall be made of minimum 0.35-mm sheet metal or PVC housing and covers in compliance with TS-3066.	219,08	194,06
35.185.1251	Surface-mounted junction box: (Unit: Qty.) Surface-mounted junction box identical with the Item No. 35.185.1250 except that it shall be made of PVC or fireproof material in compliance with TS 3112.	262,84	194,06
35.185.1252	Weather-proof junction box: (Unit: Qty.) Supply, transportation to the work site, and installation in its designated location, including any material and labor, of weather-proof junction boxes with cable inlets equipped with rubber seal tips, which shall be identical with the Unit Price No. 35.185.1250 except that the switches and the materials used shall be resistant to moisture and weather conditions, and fulfill the standard TS EN 61386-1 or above.	283,46	194,06
35.185.1260	Supply to the work site and installation of normal start-stop buttons (Unit: Qty.)	268,69	139,69
35.185.1261	Supply to the work site and installation of weather-proof start-stop buttons (Unit: Qty.)	295,09	139,69
35.185.1350	Flush-mounted junction box: (Unit: Qty.) Supply to the work site, transportation and installation of junction boxes with bodies and covers made of plastic material, resistant to electrical voltage up to 400V AC, flame retardant, halogen-free and flame-retardant in accordance with EN 60670-22 standard, recessed into the wall or ceiling, including any material and labor	220,31	194,06
35.185.1370	Surface-mounted junction box: (Unit: Qty.) Supply to the work site, transportation and installation of junction boxes with bodies and covers made of halogen-free, flame-retardant plastic material that is compatible with EN 60670-22 standard and is mounted on walls or similar surfaces as surface mount, resistant to electrical voltage up to 400V AC, flame-retardant, UV-resistant and suitable for long-term use outdoors, with at least IP55 insulation class, including any material and labor	266,25	194,06
35.185.1700	Emergency Stop Button (Unit: Qty.) Supply, transportation to the work site, installation, establishment of connections and delivery in working order of plastic emergency mushroom buttons Ø40 or Ø60 mm in diameter with exposed and covered dry contacts and special adhesive that is not affected by heat and moisture, and designed for emergency stop, emergency start, emergency inactivation, and emergency activation, which shall break the system's power and switch it to the safe mode, not re-activate the system unless the button is rotated, restore to the original position when the head of the button is rotated manually, in compliance with the standards TS EN 60947-5-1, TS EN 60947-5-5/A1 and TS EN ISO 13850, manufactured with the laser inscription technique against deletion and fading, bearing a designation of "Acil Durdurma" or "Emergency Stop" in black on a yellow background, a circular warning sign 60, 75 or 90 mm in diameter and a CE marking, and in compliance with the 2014/35/EU Low Voltage Directive (LVD).		
35.185.1701	2 poles (1 NA + 1 NK contacts), Ø40-mm mushroom head	556,94	166,88
35.185.1702	2 poles (1 NA + 1 NK contacts), Ø60-mm mushroom head	728,33	166,88
35.185.1750	Emergency Stop Button Box (Unit: Qty.) Supply, transportation to the work site, installation and establishment of connections, and delivery in working order, including any material and labor, of weather-proof, fireproof, flame-retardant and halogen-free casings made up of two parts - yellow top, black or gray bottom - with stainless steel cover screws, factory-drilled cable holes and sealed PVC sleeves		

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	matching the cable diameter on the body, for installation of the emergency stop button on a wall, which shall be in compliance with TS EN 60670-1, IP65 degree of protection and CE certified.		
35.185.1751	Single button casing	316,60	166,88
35.185.1800	3-PHASE PLUGS, SOCKETS AND INSTALLATION: (Unit: Qty.) (TS-40).		
35.185.1810	Supply and installation in designated locations, including any material and labor, of 3-phase bakelite power sockets and plugs with covers and earth contacts. (TS-40).		
35.185.1811	Up to 3 x 25 A	425,08	258,75
35.185.1812	Up to 3 x 60 A	518,68	258,75
35.185.2100	Plug-Socket Suitable for Potentially Explosive Atmospheres (Ex-Proof): (Unit: Qty.) Manufactured in compliance with the Directive of Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres (2014/34/EU). The manufacturer shall have a "Product Quality Assurance Certificate" obtained from an accredited organization. It shall have an IP66 protection class. In compliance with the TS EN IEC 60079-0 standard, suitable for use in Zone 1 hazardous areas, in the 220V and 380V operating range, with a body made of polycarbonate or glass fiber reinforced polyester (GRP) material, with appropriate mounting apparatus, with switch locking system, with a switching technology that prevents the plug from being removed under electrical load and is designed for explosive atmospheres, with an operating temperature range of -25 °C..+55 °C, supply to the work site and installation of the plug-socket, including any material and labor.		
35.185.2105	2P+E, 16-25 A, 220 V	10.241,75	258,75
35.185.2110	3P+E, 16-25 A, 380 V	10.653,75	258,75
35.185.2115	3P+N+E, 16-25 A, 380 V	10.873,13	258,75
35.185.2120	2P+E, 32 A, 220 V	11.529,75	258,75
35.185.2125	3P+E, 32 A, 380 V	14.042,06	258,75
35.185.2130	3P+N+E, 32 A, 380 V	14.283,75	258,75
35.185.3100	Junction Box Suitable for Potentially Explosive Atmospheres (Ex-Proof): (Unit: Qty.) Manufactured in compliance with the Directive of Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres (2014/34/EU). The manufacturer shall have a "Product Quality Assurance Certificate" obtained from an accredited organization. It shall have an IP66 protection class. In compliance with the TS EN IEC 60079-0 standard, suitable for use in Zone 1 hazardous areas, in the 220V and 380V operating range, with a body made of polycarbonate or glass fiber reinforced polyester (GRP) material, with appropriate mounting apparatus, with switch locking system, with an operating temperature range of -25 °C..+55 °C, supply to the work site and installation of the junction box, including any material and labor.		
35.185.3105	Starting unit	3.628,15	258,75
35.185.3110	Stopping unit	3.628,15	258,75
35.185.3115	Emergency stopping unit	3.875,90	258,75
35.185.3120	Starting+stopping unit	3.994,81	258,75
35.185.3125	Starting+stopping+emergency stopping unit	6.368,75	258,75
35.185.3130	Starting+signaling unit	4.556,88	258,75
35.185.3135	Starting+stopping+signaling unit	6.368,75	258,75
35.185.3140	Starting+stopping+signaling+emergency stopping unit	8.351,25	258,75
35.185.3145	Signaling unit	3.628,15	258,75
35.185.3150	Regular switch 0-1 state	3.980,00	258,75

35.100.-High Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.185.3155	Two-way switch 1-0-1 state	4.231,88	258,75
35.185.3160	Dual switch 0-1-2 state	4.305,00	258,75
35.185.5100	Combination Box (Hollow): (Unit: Qty.) Supply to the work site, delivery in working order and installation of empty combination boxes manufactured from polycarbonate (PC) or ABS or polyamide or similar materials, in compliance with Directive on Electrical Equipment Designed for Certain Voltage Limits (2014/35/EU), with at least IP42 protection class, at least IK08 mechanical strength class, in compliance with TS EN IEC 61439-1, TS EN 60670-24 standards, free of environmentally hazardous substances (RoHS), in compliance with European Union legislation (CE), including the desired number and features of sockets, mounting rail, grounding busbar, neutral busbar, busbar and rail mounting apparatus, transparent fuse cover, including any material and labor. The dimensions may vary by $\pm 5\%$. The dimensions given are width, height and depth, respectively.		
35.185.5103	120x240x120	599,61	340,64
35.185.5106	150x240x130	661,24	340,64
35.185.5109	210x290x120	866,66	405,33
35.185.5112	240x290x130	1.044,55	468,30
35.185.5115	300x310x140	1.311,35	551,90
35.185.5118	340x330x140	1.756,29	606,28
35.185.5121	300x500x140	2.595,19	689,88
35.185.5200	Combination Box (Hollow) (HF): (Unit: Qty.) Supply to the work site, delivery in working order and installation of empty combination boxes manufactured from polycarbonate (PC) or ABS or polyamide or similar halogen-free materials, in compliance with Directive on Electrical Equipment Designed for Certain Voltage Limits (2014/35/EU), with at least IP42 protection class, at least IK08 mechanical strength class, in compliance with TS EN IEC 61439-1, TS EN 60670-24 standards, free of environmentally hazardous substances (RoHS), in compliance with European Union legislation (CE), including the desired number and features of sockets, mounting rail, grounding busbar, neutral busbar, busbar and rail mounting apparatus, transparent fuse cover, including any material and labor. The dimensions may vary by $\pm 5\%$. The dimensions given are width, height and depth, respectively.		
35.185.5203	120x240x120	654,58	340,64
35.185.5206	150x240x130	686,23	340,64
35.185.5209	210x290x120	981,58	405,33
35.185.5212	240x290x130	1.132,83	468,30
35.185.5215	300x310x140	1.445,43	551,90
35.185.5218	340x330x140	1.890,36	606,28
35.185.5221	300x500x140	2.944,94	689,88
35.185.5300	Price difference for sockets suitable for combination boxes: (IP44) (Unit: Qty.) Price difference of the socket that can be installed in the combination box with at least IP44 protection class, in accordance with TS EN IEC 60309-1/2 standards		
35.185.5303	2P+E, 16-25 A, 220 V	166,66	
35.185.5309	3P+E, 16-25 A, 380 V	195,83	
35.185.5315	3P+N+E, 16-25 A, 380 V	246,66	
35.185.5321	2P+E, 32 A, 220-380 V	243,33	
35.185.5327	3P+E, 32 A, 380 V	270,83	
35.185.5330	3P+E, 63 A, 380 V	835,83	
35.185.5333	3P+N+E, 32 A, 380 V	305,83	
35.185.5336	3P+N+E, 63 A, 380 V	1.077,50	
35.185.5400	Price difference for sockets suitable for combination boxes: (IP66) (Unit: Qty.) Price difference of the socket that can be installed in the combination box with at least IP66 protection class, in accordance with TS EN IEC 60309-1/2 standards		
35.185.5403	2P+E, 16-25 A, 220 V	270,00	

35.100.-High Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.185.5409	3P+E, 16-25 A, 380 V	323,33	
35.185.5415	3P+N+E, 16-25 A, 380 V	345,00	
35.185.5421	2P+E, 32 A, 220-380 V	350,00	
35.185.5427	3P+E, 32 A, 380 V	377,50	
35.185.5430	3P+E, 63 A, 380 V	984,16	
35.185.5433	3P+N+E, 32 A, 380 V	408,33	
35.185.5436	3P+N+E, 63 A, 380 V	1.258,33	
35.190.0000	CABLE CARRIAGE SYSTEMS		
35.190.1100	Cable Tray Systems: (Unit: kg) Bending and drilling holes on the sheet metal with sufficient width and height to carry the cable load, designed in compliance with the standard TS EN 61537, dimensions specified in the approved electricity project, the general technical specifications for electricity, and the standard TS EN 10130/10131, making grooves on the tray to lay transversal and longitudinal strings on the (reinforced) tray to enhance the strength and prevent further bending of the sheet metal, subjecting the tray to a chemical bath to remove grease and rust, flux coating and pre-drying the tray, then hot dip galvanizing the tray in compliance with the standard TS EN ISO 1461, transportation to the work site, installation on the ceiling or walls with suspenders or consoles, and delivery in working order, including any material and labor, of the tray. NOTE: 1- Only the weight of the tray shall be considered for measuring. 2- The attachment parts to be used for horizontal and vertical deflection, reducers, the consoles to be used as carriers, support rods, suspension elements, fixing clips, screws, nuts, washers, pins, etc. shall also be hot dip galvanized. The prices of such items shall be included in the unit price and not charged additionally. 3- The manufacturer of hot tip galvanization shall be required to present a certificate of compliance with the conditions of TS EN ISO 1461.	202,76	33,38
35.190.1101	Cable Tray Systems, Sheet Metal Covers: (Unit: kg) Delivery of sheet metal covers as per the item 35.190.1100 to cover the ducts specified in the approved project design, including labor and any material.	156,30	18,38
35.190.1102	Cable Ladders: (Unit: kg) Delivery of cable ladders as per the item 35.190.1100 as specified in the approved project design, including labor and any material.	208,61	33,38
35.190.1200	Under-floor (Under-screed) Cable Ducts (Unit: kg) Cutting and bending minimum 1-mm-thick, "pre-galvanized" sheet metal in compliance with TS EN 10143 to turn it into a sealed channel in the dimensions mentioned below, creating compartments by modifying the form of the channel, transportation to the work site, installation in the flooring material by adjusting the channel and junction box heights by set screws, placement of junction boxes at necessary locations, laying guide wires in the channel (applying "Rabitz wire" on the channel in case of an insufficient thickness of screed on the channel), in compliance with the standards TS EN 50085-1 and TS EN 50085-2-2, dimensions specified in the approved electrical installation project design, and the general specifications of the electrical installation for safe installation of power cables beneath the floor, and delivery including labor and any material. NOTE: 1- The attachment parts to be used for horizontal and vertical deflection, four-point attachment parts, level adjustment unit, cable duct junctions with outlets in four directions, duct termination units, cable duct outlet boxes, anchors, screws, nuts, washers etc. shall also be hot-dip galvanized. The cable duct junction and multi-socket box shall be charged separately based on the relevant unit prices. 2- If rabitz wires are used on the cable duct, they shall be charged separately based on the relevant unit price.	220,58	33,38
35.190.1201	Underfloor Cable Duct Junction Box (Unit: Qty.) Supply, transportation to the work site, and delivery in working order, including labor and installation, of cable duct junction boxes with the side surfaces on four sides available for drilling to install the cable duct; minimum 2-mm-thick bottom, top frame and lockable top cover for use as a distribution junction; stoppers to prevent the duct from penetrating into the junction box; outlets on four sides; decorative appearance; a mechanism that allows height adjustment before and after the screed; and barriers of different types within the junction box to prevent the contact between different types of cables, which shall be used at deflection points of the floor duct or where a power outlet or any other outlet is required, made of pre-galvanized steel sheet as per TS EN 10143, and comply with the standards TS EN 50085-1 and TS EN 50085-2-2 as well as the dimensions and general technical specifications provided in the	977,15	258,75

35.100.-High Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	approved electricity project design.		
35.190.1202	Under-Screed or Elevated Floor Multi-Socket Box (Unit: Qty.) Supply, transportation to the work site, installation, and delivery in working order, including any material and labor, of flame-retardant, halogen-free socket housings with special ducts fitting the junction for installation; interfaces with the floor or junction box sized minimum 235 x 235 mm; the periphery of the housing reinforced with minimum 3-mm-thick galvanized steel sheet; iron hinge pin, a lockable cover with embedded handle, which can be installed in both directions; the top surface of the cover allowing decorative coating (designed to be flush with the floor when coated); openings covered with rubber caps to allow extension of plug cables; special inclined slots placed opposite to each other to allow installation of 8 sockets of 45 x 45 modules and 16 sockets of 22.5 x 45 modules; and a mechanism to allow adjustment to the level of the floor, which shall be in compliance with the standards TS EN 50085-1 and TS EN 50085-2-2, the dimensions given in approved electricity project design and the general specifications of the electrical installation. Note: The sockets shall be charged based on the relevant items.	954,75	258,75
35.190.1300	PVC Cable Ducts: (Unit: m) Supply, transportation to the work site, installation in its designated location, establishment of the connections, and delivery, including internal corners, external corners, brackets, terminals, T-brackets and frames, of flame-retardant in compliance with TS EN 60695-2-11 standard, RAL 9010 white (with internal locking and foil coating for the ducts sized 100 mm and above), self-extinguishing PVC ducts resistant to mechanical impacts, atmospheric and UV rays, and 260 kW/cm dielectric current, operable in an ambient temperature range of -25 °C to +60 °C, designed for safe carriage of high and low-current conductors within the building, equipped with hinged and movable internal cells, internal corner, external corners and brackets, and horizontal and vertical installation holes at the bottom to facilitate wall installation, which shall comply with the standards TS EN 50085-1, TS EN 50085-2-1, bear IP40 degree of protection, was released with CE marking, and comply with the Restriction of the Use of Certain Hazardous Substances (RoHS) Directive.		
35.190.1301	Min. 20 x 12 mm (single cell)	97,36	64,69
35.190.1302	Min. 40 x 16 mm (double cell)	108,91	64,69
35.190.1303	Min. 80 x 20 mm (triple cell)	168,31	64,69
35.190.1304	Min. 100 x 35 mm (triple cell)	313,78	129,38
35.190.1305	Min. 100 x 50 mm (triple cell)	439,38	129,38
35.190.1350	Floor-mounted (herringbone) PVC cable ducts (Unit: m) Identical with Unit Price No. 35.190.1300, with 3 or 4 cells, gray or white;		
35.190.1351	Min. 50 x 12 mm	147,99	64,69
35.190.1352	Min. 60 x 15 mm	167,89	64,69
35.190.1353	Min. 75 x 20 mm	184,89	64,69
35.190.1354	Min. 90 x 20 mm	211,89	64,69
35.190.1400	Halogen-free Plastic Cable Ducts (Unit: Mt) Supply, transportation to the work site, installation in its designated location, establishment of the connections, and delivery, including internal corners, external corners, brackets, terminals, T-brackets and frames, of flame-retardant, halogen-free, RAL 9010 white (with internal locking and foil coating for the ducts sized 100 mm and above), plastic ducts resistant to mechanical impacts, atmospheric and UV rays, and 260 kW/cm dielectric current, operable in an ambient temperature range of -25 °C to +60 °C, used for carriage of high and low-current conductors within the building, equipped with hinged and movable internal cells, internal corner, external corners and brackets, and horizontal and vertical installation holes at the bottom to facilitate wall installation, which shall comply with the standards TS EN 50085-1, TS EN 50085-2-1 and TS EN60695-2-11, bear IP40 degree of protection and CE marking, and comply with the Restriction of the Use of Certain Hazardous Substances (RoHS) Directive.		
35.190.1401	Min. 100 x 50 mm (triple cell)	458,78	129,38
35.190.1700	Cable Duct Sockets (Unit: Qty.) Supply, transportation to the work site, installation, and delivery in working order, including any material and labor, of sockets made of flame-retardant (UL94 V0) material (clamping or sliding type) in compliance with the standard TS IEC 60884-1+A1+A2 for earthed mains and UPS sockets, with regular or 45°-inclined holes, child safety covers, IP20 degree of protection, transparent label covers above the sockets, RJ-45 data sockets with spring covers, RJ-11 or		

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	RJ-12 telephone sockets with spring covers, which shall allow connection among the sockets by attachment busbars, and support both T568A and T568B connection types (Prices of the socket installation sets and frames are included in the unit price).		
35.190.1701	Earthed socket 16 A. - 250 V. (45 x 45 mm)	226,95	129,38
35.190.1702	Earthed UPS socket (red) 16 A. - 250 V. (45 x 45 mm)	237,95	129,38
35.190.1703	RJ-11 or RJ-12 telephone sockets (6 contacts) (22.5 x 45 mm)	252,25	129,38
35.190.1704	CAT 5e or CAT 6e RJ-45 data sockets (8 contacts) (22.5 x 45 mm)	297,35	129,38
35.195.0000	ELECTRICAL MOTORS: (Unit: Qty.) Shall be in compliance with the standards TS EN 50347, TS EN 60034-1/8/9/11/14, TS EN 60038, TS EN 60085, Directive (2006/42/EC) Machinery, the 2014/35/EU Low Voltage Directive (LVD) and the "Communique (SGM-2012/2) on the requirements of environmentally-friendly design for Electrical Motors", and bear a CE marking.		
35.195.1100	3-phase 3000 rpm: (Unit: Qty.) Supply to the work site, installation, and delivery in working order, of enclosed electrical motors with three phases, short circuit cage, 3000 rpm synchronous speed and two-pole, 220/380-volt, asynchronous motor certified for compliance with the Turkish Standards. (The compensation capacitor required to be installed shall be charged separately.)		
35.195.1101	Max. 0.18 kW	2.819,88	655,48
35.195.1102	Max. 0.25 kW	2.847,88	655,48
35.195.1103	Max. 0.37 kW	3.066,48	664,08
35.195.1104	Max. 0.55 kW	3.276,48	664,08
35.195.1105	Max. 0.75 kW	3.549,48	664,08
35.195.1106	Max. 1,1 kW	3.829,48	664,08
35.195.1107	Max. 1,5 kW	4.087,28	672,68
35.195.1108	Max. 2,2 kW	4.781,88	681,28
35.195.1109	Max. 3 kW	6.164,15	961,75
35.195.1110	Max. 4 kW	8.258,75	970,35
35.195.1111	Max. 5,5 kW	11.350,35	987,55
35.195.1112	Max. 7.5 kW	12.814,68	1.107,88
35.195.1113	Max. 11 kW	17.965,94	1.396,94
35.195.1114	Max. 15 kW	20.973,74	1.422,74
35.195.1115	Max. 18.5 kW	24.229,34	1.448,54
35.195.1116	Max. 22 kW	31.330,94	1.482,94
35.195.1117	Max. 30 kW	42.115,61	1.823,61
35.195.1118	Max. 37 kW	47.362,85	2.072,85
35.195.1119	Max. 45 kW	66.515,85	2.115,85
35.195.1120	Max. 55 kW	85.725,85	2.201,85
35.195.1121	Max. 75 kW	104.879,84	2.287,84
35.195.1122	Max. 100 kW	156.913,70	2.731,70
35.195.1200	3-PHASE 1500 rpm: (Unit: Qty.) Supply to the work site, installation, and delivery in working order, of enclosed rotors with three phases, short circuit cage, 1500 rpm synchronous speed and two pairs of poles, 220/380-volt, asynchronous motor certified for compliance with the Turkish Standards.		
35.195.1201	Max. 0,12 kW	2.511,88	655,48
35.195.1202	Max. 0.18 kW	2.749,88	655,48
35.195.1203	Max. 0.25 kW	2.917,88	655,48
35.195.1204	Max. 0.37 kW	3.066,48	664,08
35.195.1205	Max. 0.55 kW	3.318,48	664,08
35.195.1206	Max. 0.75 kW	3.838,08	672,68

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.195.1207	Max. 1,1 kW	4.314,08	672,68
35.195.1208	Max. 1,5 kW	4.851,88	681,28
35.195.1209	Max. 2,2 kW	6.204,95	970,35
35.195.1210	Max. 3 kW	7.231,35	978,95
35.195.1211	Max. 4 kW	8.989,95	987,55
35.195.1212	Max. 5,5 kW	11.792,68	1.107,88
35.195.1213	Max. 7.5 kW	14.400,34	1.405,54
35.195.1214	Max. 11 kW	19.876,34	1.431,34
35.195.1215	Max. 15 kW	23.872,74	1.465,74
35.195.1216	Max. 18.5 kW	27.411,54	1.508,74
35.195.1217	Max. 22 kW	33.123,86	2.029,86
35.195.1218	Max. 30 kW	44.759,85	2.115,85
35.195.1219	Max. 37 kW	55.121,85	2.201,85
35.195.1220	Max. 45 kW	61.605,84	2.287,84
35.195.1221	Max. 55 kW	69.336,83	2.416,83
35.195.1222	Max. 75 kW	92.893,70	2.817,70
35.195.1223	Max. 100 kW	144.151,69	2.989,69
35.195.1300	3-PHASE 1000 rpm: (Unit: Qty.) Supply to the work site, installation, and delivery in working order, of enclosed rotors with three phases, short circuit cage, 1000 rpm synchronous speed and three pairs of poles, 220/380-volt, asynchronous motor certified for compliance with the Turkish Standards.		
35.195.1301	Max. 0.18 kW	3.039,68	655,48
35.195.1302	Max. 0.25 kW	3.272,28	664,08
35.195.1303	Max. 0.37 kW	3.822,48	664,08
35.195.1304	Max. 0.55 kW	4.097,08	672,68
35.195.1305	Max. 0.75 kW	4.734,08	672,68
35.195.1306	Max. 1,1 kW	5.512,68	681,28
35.195.1307	Max. 1,5 kW	6.932,48	689,88
35.195.1308	Max. 2,2 kW	9.088,95	970,35
35.195.1309	Max. 3 kW	11.537,95	987,55
35.195.1310	Max. 4 kW	12.638,55	996,15
35.195.1311	Max. 5,5 kW	14.383,14	1.388,34
35.195.1312	Max. 7.5 kW	19.737,54	1.422,74
35.195.1313	Max. 11 kW	23.522,74	1.465,74
35.195.1314	Max. 15 kW	32.707,74	1.508,74
35.195.1315	Max. 18.5 kW	40.966,66	2.029,86
35.195.1316	Max. 22 kW	48.818,85	2.072,85
35.195.1317	Max. 30 kW	61.533,85	2.201,85
35.195.1318	Max. 37 kW	76.017,71	2.559,71
35.195.1319	Max. 45 kW	97.551,71	2.645,71
35.195.1320	Max. 55 kW	118.372,70	2.774,70
35.200.0000	PHOTOVOLTAIC SOLAR POWER SYSTEMS		
35.200.1000	Photovoltaic Panels: (Unit: Qty.) Photovoltaic panels shall be of the number and energy capacity provided in the relevant project design in 1000 W/m ² radiation, AM 1.5 air mass and 25°C cell temperature conditions (in standard test conditions). The instantaneous power output tolerance of solar panels shall be maximum +3%. The panels shall be equipped with by-pass diodes against power drops caused by shading. Panels shall be protected to prevent passage of current when no power is generated. The panels shall have a minimum system voltage of 1000 V and a maximum short inverse current protection of 15 A. Panel frames shall be pressed and also punched. A drainage		

35.100.-High Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	hole, earthing hole and installation holes shall be available on the frame. Installation shall be made without bolts. The frame shall be corrosion-resistant and rust-free. The frame shall be designed to allow installation without drilling, etc. The glass/plastic covering the solar panels shall not reflect the sun rays. The glass shall be tempered per the standard EN 12150 and offer 91% permeability. The strength of the glass estimated per EN 12150 shall be 90 N/mm². The solar panels and fittings shall be resistant to minimum 130 km/h or 2400 Pascal wind speed and snow load (minimum 5400 Pascal). The terminal boxes of panels shall be of minimum IP65 protection class. The back side of the panels shall comply with TS EN 61730-1 and allow installation of the panels at the relevant area. (+) and (-) terminals of the DC output cables and connectors of the panels shall be distinguishable. Cells used in the panels shall be laminated in both directions with ethylene-vinyl acetate (EVA) that complies with the standard TS EN 61215. The panels; Shall be capable of operating at -40 °C to +85 °C, at the elevation of the designated location of installation, and under a relative humidity of 0 to 85%, and compliance of the panels with the said conditions shall be guaranteed in written by the manufacturer. The photovoltaic panels shall be guaranteed for 10 (ten) years for product and physical strength, and 25 (twenty-five) years for linear energy. The linear energy warranty shall ensure minimum 90% of the panel power in 10 (ten) years and minimum 80% of the panel power in 25 (twenty-five) years. Above each panel shall be a product label affixed by the manufacturer, which at least contains the Manufacturer's name, PV Cell Type, Serial No, Nominal Power, Pmax, Voc, Isc, Dimensions and Max. System Voltage, Date of Production, and Country of Origin. Product labels shall be affixed beneath the glass, at the back of the product or on the edge of the frame in an indelible form. The contractor should submit to the Administration the flash test and EL (electroluminescence) test reports of the proposed panels in digital media before the installation of the panels on site. The faults or critical cracks in panel cells, if any, shall be identified by the test reports, and those panels which are not approved shall not be used on site. The installation shall not commence before the said test reports are delivered. If the installation site is located by the sea, the result of the salt water corrosion strength with minimum magnitude of 3 per TS EN 61701 shall be submitted to the Administration. If the installation site is located close to a farm, the result of the ammonia corrosion test per TS EN 62716 shall be submitted to the Administration. Those panels which fail to fulfill the standards required by the environmental conditions shall not be used in the system. The maximum period between the dates of production and transportation to the site of the panels to be used in the system shall be 3 (three) months. Supply, transportation to the work site and delivery in working order, including the connectors, any material and installation, of photovoltaic panels manufactured in compliance with the standards TS EN 61215, TS EN 61730-1 and TS EN 61730-2 and released with a CE marking. Note: The items 25.178.2001, 25.178.2002, 25.178.2003 shall be used for panel carrier systems.		
35.200.1100	Photovoltaic Panels with minimum 60 cells:		
35.200.1101	Photovoltaic panel with minimum 270 Wp output power.	2.958,84	349,24
35.200.1102	Photovoltaic panel with minimum 275 Wp output power.	3.022,84	349,24
35.200.1103	Photovoltaic panel with minimum 280 Wp output power.	3.054,84	349,24
35.200.1104	Photovoltaic panel with minimum 285 Wp output power.	3.126,84	349,24
35.200.1105	Photovoltaic panel with minimum 290 Wp output power.	3.166,84	349,24
35.200.1106	Photovoltaic panel with minimum 295 Wp output power.	3.302,84	349,24
35.200.1107	Photovoltaic panel with minimum 300 Wp output power.	3.342,84	349,24
35.200.1108	Photovoltaic panel with minimum 305 Wp output power.	3.422,84	349,24
35.200.1109	Photovoltaic panel with minimum 310 Wp output power.	3.462,84	349,24
35.200.1110	Photovoltaic panel with minimum 315 Wp output power.	3.510,84	349,24
35.200.1111	Photovoltaic panel with minimum 320 Wp output power.	3.582,84	349,24
35.200.1112	Photovoltaic panel with minimum 325 Wp output power.	3.646,84	349,24
35.200.1113	Photovoltaic panel with minimum 330 Wp output power.	3.734,84	349,24
35.200.1114	Photovoltaic panel with minimum 335 Wp output power.	3.806,84	349,24
35.200.1200	Photovoltaic Panels with minimum 72 cells:		
35.200.1201	Photovoltaic panel with minimum 320 Wp output power.	3.211,64	349,24
35.200.1202	Photovoltaic panel with minimum 325 Wp output power.	3.291,64	349,24

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.200.1203	Photovoltaic panel with minimum 330 Wp output power.	3.307,64	349,24
35.200.1204	Photovoltaic panel with minimum 335 Wp output power.	3.355,64	349,24
35.200.1205	Photovoltaic panel with minimum 340 Wp output power.	3.411,64	349,24
35.200.1206	Photovoltaic panel with minimum 345 Wp output power.	3.467,64	349,24
35.200.1207	Photovoltaic panel with minimum 350 Wp output power.	3.547,64	349,24
35.200.1208	Photovoltaic panel with minimum 355 Wp output power.	3.595,64	349,24
35.200.1209	Photovoltaic panel with minimum 360 Wp output power.	3.651,64	349,24
35.200.1210	Photovoltaic panel with minimum 365 Wp output power.	3.715,64	349,24
35.200.1211	Photovoltaic panel with minimum 370 Wp output power.	3.779,64	349,24
35.200.1212	Photovoltaic panel with minimum 375 Wp output power.	3.859,64	349,24
35.200.1213	Photovoltaic panel with minimum 380 Wp output power.	3.899,64	349,24
35.200.1214	Photovoltaic panel with minimum 385 Wp output power.	4.011,64	349,24
35.200.1215	Photovoltaic panel with minimum 390 Wp output power.	4.067,64	349,24
35.200.1216	Photovoltaic panel with minimum 395 Wp output power.	4.139,64	349,24
35.200.1217	Photovoltaic panel with minimum 400 Wp output power.	4.290,01	403,61
35.200.1219	Photovoltaic panel with minimum 410 Wp output power.	4.442,01	403,61
35.200.1221	Photovoltaic panel with minimum 420 Wp output power.	4.602,01	403,61
35.200.1223	Photovoltaic panel with minimum 430 Wp output power.	4.770,01	403,61
35.200.1225	Photovoltaic panel with minimum 440 Wp output power.	4.930,01	403,61
35.200.1227	Photovoltaic panel with minimum 450 Wp output power.	5.114,01	403,61
35.200.1229	Photovoltaic panel with minimum 460 Wp output power.	5.290,01	403,61
35.200.1400	Photovoltaic Panels with minimum 108 cells:		
35.200.1420	Photovoltaic panel with minimum 440 Wp output power.	4.746,01	403,61
35.200.1422	Photovoltaic panel with minimum 450 Wp output power.	4.850,01	403,61
35.200.1424	Photovoltaic panel with minimum 460 Wp output power.	5.074,01	403,61
35.200.1426	Photovoltaic panel with minimum 470 Wp output power.	5.178,01	403,61
35.200.1428	Photovoltaic panel with minimum 480 Wp output power.	5.282,01	403,61
35.200.1430	Photovoltaic panel with minimum 490 Wp output power.	5.394,01	403,61
35.200.1432	Photovoltaic panel with minimum 500 Wp output power.	5.491,58	485,18
35.200.1434	Photovoltaic panel with minimum 510 Wp output power.	5.587,58	485,18
35.200.1436	Photovoltaic panel with minimum 520 Wp output power.	5.691,58	485,18
35.200.1438	Photovoltaic panel with minimum 530 Wp output power.	5.795,58	485,18
35.200.1440	Photovoltaic panel with minimum 540 Wp output power.	5.827,58	485,18
35.200.1442	Photovoltaic panel with minimum 550 Wp output power.	6.051,58	485,18
35.200.1444	Photovoltaic panel with minimum 560 Wp output power.	6.155,58	485,18
35.200.1446	Photovoltaic panel with minimum 570 Wp output power.	6.275,58	485,18
35.200.1448	Photovoltaic panel with minimum 580 Wp output power.	6.387,58	485,18
35.200.1450	Photovoltaic panel with minimum 590 Wp output power.	6.507,58	485,18
35.200.1452	Photovoltaic panel with minimum 600 Wp output power.	6.627,58	485,18
35.200.1456	Photovoltaic panel with minimum 620 Wp output power.	6.875,58	485,18
35.200.1460	Photovoltaic panel with minimum 640 Wp output power.	7.131,58	485,18
35.200.4100	Two-sided (glass-glass) Photovoltaic Panels (Unit: Qty.) Photovoltaic panels shall be of the number and energy capacity provided in the relevant project design in 1,000 W/m ² radiation, AM 1.5 air mass and 25°C cell temperature conditions (in standard test conditions). These panels shall be Bifacial. They shall be double glazed. The type of solar cell used shall be capable of generating Mono Bifacial or Mono PERC Bifacial power. Front and back sides of the cells shall be laminated with glass. The instantaneous power output tolerance of solar panels shall be maximum 0 to 5W. The panels shall be equipped with by-pass diodes against power drops caused by shading. The panels shall have a system voltage of minimum 1,000 V and maximum 1,500 V, and a maximum short inverse current protection of 15 A. The glass covering the solar panels shall not reflect the sun rays. The front		

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	glass and the rear glass shall be tempered per the standard EN 12150 and offer 91% permeability. The strength of the glass estimated per EN 12150 shall be 90 N/mm². The solar panels and fittings shall be resistant to minimum 130 km/h or minimum 2,400 Pascal wind speed and snow load (minimum 5,400 Pascal). The terminal boxes of panels shall be of minimum IP65 protection class. (+) and (-) terminals of the DC output cables and connectors of the panels shall be distinguishable. Bifacial cells that are used in the panels shall be laminated in both directions with ethylene-vinyl acetate (EVA) that complies with the standard TS EN 61215. The EVA material used shall be transparent for solar energy transmittance. The panels shall be manufactured without a backsheet. The panels; Shall be capable of operating at -40 °C to +85 °C, at the elevation of the designated location of installation, and under a relative humidity of 0 to 85%, and compliance of the panels with the said conditions shall be guaranteed in written by the manufacturer. The photovoltaic panels shall be guaranteed for 10 (ten) years for product and physical strength, and 25 (twenty-five) years for linear energy. The linear energy warranty shall ensure minimum 90% of the panel power in 10 (ten) years and minimum 80% of the panel power in 25 (twenty-five) years. Above each panel shall be a product label affixed by the manufacturer, which at least contains the Manufacturer's name, PV Cell Type, Serial No, Nominal Power, Pmax, Voc, Isc, Dimensions and Max. System Voltage, Date of Production, and Country of Origin. Product labels shall be affixed beneath the glass, at the back of the product or on the edge of the frame in an indelible form. The contractor should submit to the Administration the flash test and EL (electroluminescence) test reports of the proposed panels in digital media before the installation of the panels on site. The faults or critical cracks in panel cells, if any, shall be identified by the test reports, and those panels which are not approved shall not be used on site. The installation shall not commence before the said test reports are delivered. If the installation site is located by the sea, the result of the salt water corrosion strength with minimum magnitude of 3 per TS EN 61701 shall be submitted to the Administration. If the installation site is located close to a farm, the result of the ammonia corrosion test per TS EN 62716 shall be submitted to the Administration. Those panels which fail to fulfill the standards required by the environmental conditions shall not be used in the system. The maximum period between the dates of production and transportation to the site of the panels to be used in the system shall be 3 (three) months. Supply, transportation to the work site and delivery in working order, including the connectors, any material and installation, of photovoltaic panels manufactured in compliance with the standards TS EN 61215, TS EN 61730-1 and TS EN 61730-2 and released with a CE marking. Note: The items 25.178.2001, 25.178.2002, 25.178.2003 shall be used for panel carrier systems.		
35.200.4200	Two-sided Photovoltaic Panels with minimum 60 cells:		
35.200.4201	Photovoltaic panel with minimum front panel output power of 300 Wp.	3.494,84	349,24
35.200.4202	Photovoltaic panel with minimum front panel output power of 305 Wp.	3.590,84	349,24
35.200.4203	Photovoltaic panel with minimum front panel output power of 310 Wp.	3.630,84	349,24
35.200.4204	Photovoltaic panel with minimum front panel output power of 315 Wp.	3.686,84	349,24
35.200.4205	Photovoltaic panel with minimum front panel output power of 320 Wp.	3.758,84	349,24
35.200.4206	Photovoltaic panel with minimum front panel output power of 325 Wp.	3.830,84	349,24
35.200.4207	Photovoltaic panel with minimum front panel output power of 330 Wp.	3.918,84	349,24
35.200.4208	Photovoltaic panel with minimum front panel output power of 335 Wp.	3.990,84	349,24
35.200.4300	Two-sided Photovoltaic Panels with minimum 72 cells: (Unit: Pcs.)		
35.200.4301	Photovoltaic panel with minimum front panel output power of 360 Wp.	3.835,64	349,24
35.200.4302	Photovoltaic panel with minimum front panel output power of 365 Wp.	3.899,64	349,24
35.200.4303	Photovoltaic panel with minimum front panel output power of 370 Wp.	3.963,64	349,24
35.200.4304	Photovoltaic panel with minimum front panel output power of 375 Wp.	4.051,64	349,24
35.200.4305	Photovoltaic panel with minimum front panel output power of 380 Wp.	4.091,64	349,24
35.200.4306	Photovoltaic panel with minimum front panel output power of 385 Wp.	4.211,64	349,24
35.200.4307	Photovoltaic panel with minimum front panel output power of 390 Wp.	4.259,64	349,24
35.200.4308	Photovoltaic panel with minimum front panel output power of 395 Wp.	4.339,64	349,24
35.200.4309	Photovoltaic panel with minimum front panel output power of 400 Wp.	4.498,01	403,61
35.200.4311	Photovoltaic panel with minimum front panel output power of 410 Wp.	4.658,01	403,61

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.200.4313	Photovoltaic panel with minimum front panel output power of 420 Wp.	4.826,01	403,61
35.200.4315	Photovoltaic panel with minimum front panel output power of 430 Wp.	4.994,01	403,61
35.200.4317	Photovoltaic panel with minimum front panel output power of 440 Wp.	5.178,01	403,61
35.200.4319	Photovoltaic panel with minimum front panel output power of 450 Wp.	5.362,01	403,61
35.200.4321	Photovoltaic panel with minimum front panel output power of 460 Wp.	5.562,01	403,61
35.200.4500	Two-sided Photovoltaic Panels with minimum 108 cells: (Unit: Pcs.)		
35.200.4520	Photovoltaic panel with minimum front panel output power of 440 Wp.	4.978,01	403,61
35.200.4522	Photovoltaic panel with minimum front panel output power of 450 Wp.	5.090,01	403,61
35.200.4524	Photovoltaic panel with minimum front panel output power of 460 Wp.	5.330,01	403,61
35.200.4526	Photovoltaic panel with minimum front panel output power of 470 Wp.	5.434,01	403,61
35.200.4528	Photovoltaic panel with minimum front panel output power of 480 Wp.	5.546,01	403,61
35.200.4530	Photovoltaic panel with minimum front panel output power of 490 Wp.	5.658,01	403,61
35.200.4532	Photovoltaic panel with minimum front panel output power of 500 Wp.	5.763,58	485,18
35.200.4534	Photovoltaic panel with minimum front panel output power of 510 Wp.	5.867,58	485,18
35.200.4536	Photovoltaic panel with minimum front panel output power of 520 Wp.	5.971,58	485,18
35.200.4538	Photovoltaic panel with minimum front panel output power of 530 Wp.	6.083,58	485,18
35.200.4540	Photovoltaic panel with minimum front panel output power of 540 Wp.	6.107,58	485,18
35.200.4542	Photovoltaic panel with minimum front panel output power of 550 Wp.	6.347,58	485,18
35.200.4544	Photovoltaic panel with minimum front panel output power of 560 Wp.	6.459,58	485,18
35.200.4546	Photovoltaic panel with minimum front panel output power of 570 Wp.	6.587,58	485,18
35.200.4548	Photovoltaic panel with minimum front panel output power of 580 Wp.	6.707,58	485,18
35.200.4550	Photovoltaic panel with minimum front panel output power of 590 Wp.	6.827,58	485,18
35.200.4552	Photovoltaic panel with minimum front panel output power of 600 Wp.	6.947,58	485,18
35.200.4556	Photovoltaic panel with minimum front panel output power of 620 Wp.	7.219,58	485,18
35.200.4560	Photovoltaic panel with minimum front panel output power of 640 Wp.	7.483,58	485,18
35.200.5000	Solar Inverter: (Unit: Qty.)(output voltage below 400 VAC) Maximum input voltage shall be at least 1000 VDC. For 15 kW and above, the inverters shall have at least 98% maximum efficiency and 97% Euro efficiency. For below 15 kW, the maximum efficiency shall be min. 97%, and the Euro efficiency shall be min. 96%. The inverters shall be equipped with a RS485 communication port. THD (Total Harmonic Distortion) of the inverters shall be < %3. The environmental protection of the inverters shall be minimum IP65. The operating temperature range shall be -25 °C to +60 °C. The grid operating frequency range shall be 47 to 52 Hz. The grid operating voltage range (phase-neutral) shall be 190 to 270 V. The ambient relative humidity shall be up to 95%. The inverters shall be equipped with a “residual current monitoring unit” sensitive to all terminals. The inverters shall have an integrated web server, and the following data shall be accessible free of charge both on the Internet (remote monitoring system) and on the inverter throughout the life cycle of the system. Instantaneous power generation (overall and separate for each panel group), energy generated per day, the energy generated since installation, panel voltage, grid voltage. The system shall not require any payment throughout its life cycle for remote monitoring after the installation. The contractor shall obtain from the manufacturer a written commitment that the latter shall not charge any monitoring fee throughout the life cycle of the system. Each MPPT shall be protected by a surge arrester. The inverters in compliance with the standards TS EN 62109-1, TS EN 62109-2, TS EN 61727, TS EN 61000-6-2, and TS EN 61000-6-3 and bearing a CE compliance marking shall be delivered with the connection accessories, any material and installation. Note: The first surge arrester is not included in the price.		
35.200.5001	Min. 3 kW solar inverter (Up to 2 mppts)	48.681,28	1.556,28
35.200.5002	Min. 5 kW solar inverter (Up to 2 mppts)	61.382,28	1.556,28
35.200.5003	Min. 7 kW solar inverter (Up to 2 mppts)	83.399,88	1.564,88
35.200.5004	Min. 10 kW solar inverter (Up to 2 mppts)	89.717,88	1.564,88
35.200.5005	Min. 15 kW solar inverter (Up to 2 mppts)	121.846,35	2.220,35
35.200.5006	Min. 20 kW solar inverter (Up to 2 mppts)	139.045,35	2.220,35
35.200.5007	Min. 25 kW solar inverter (Up to 2 mppts)	148.803,95	2.228,95

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.200.5008	Min. 30 kW solar inverter (Up to 2 mppts)	159.602,55	2.237,55
35.200.5009	Min. 35 kW solar inverter (Up to 2 mppts)	176.135,43	2.884,43
35.200.5010	Min. 40 kW solar inverter (Up to 2 mppts)	185.504,03	2.893,03
35.200.5011	Min. 50 kW solar inverter (Up to 2 mppts)	212.292,63	2.901,63
35.200.5012	Min. 60 kW solar inverter (Up to 2 mppts)	236.377,01	2.936,01
35.200.5020	At least 100 kW solar inverter (Up to 2 mppts)	289.833,69	4.483,69
35.200.5040	At least 30 kW solar inverter (3 or more mppts)	173.111,30	3.656,30
35.200.5045	At least 40 kW solar inverter (3 or more mppts)	197.325,90	3.664,90
35.200.5050	At least 50 kW solar inverter (3 or more mppts)	226.888,88	4.757,88
35.200.5055	At least 60 kW solar inverter (3 or more mppts)	258.265,76	6.104,76
35.200.5060	At least 100 kW solar inverter (3 or more mppts)	321.342,44	7.652,44
35.200.5200	Solar Inverter: (Unit: Qty.)(output voltage above 400 VAC) Maximum input voltage shall be at least 1500 VDC. The inverters shall have at least 98% maximum efficiency. The inverters shall be equipped with a RS485 communication port. THD (Total Harmonic Distortion) of the inverters shall be < %3. The environmental protection of the inverters shall be minimum IP65. The operating temperature range shall be -25 °C to +60 °C. The grid operating frequency range shall be 47 to 52 Hz. The grid operating voltage range (phase-neutral) shall be 380 to 540 V. The ambient relative humidity shall be up to 95%. The inverters shall be equipped with a “residual current monitoring unit” sensitive to all terminals. The inverters shall have an integrated web server, and the following data shall be accessible free of charge both on the Internet (remote monitoring system) and on the inverter throughout the life cycle of the system. Instantaneous power generation (overall and separate for each panel group), energy generated per day, the energy generated since installation, panel voltage, grid voltage. The system shall not require any payment throughout its life cycle for remote monitoring after the installation. The contractor shall obtain from the manufacturer a written commitment that the latter shall not charge any monitoring fee throughout the life cycle of the system. Each MPPT shall be protected by a surge arrester. The inverters in compliance with the standards TS EN 62109-1, TS EN 62109-2, TS EN 61727, TS EN 61000-6-2, and TS EN 61000-6-3 and bearing a CE compliance marking shall be delivered with the connection accessories, any material and installation. Note: The surge arrester is not included in the price.		
35.200.5210	At least 200 kW solar inverter (3 or more mppts)	442.926,24	9.389,24
35.200.5220	At least 250 kW solar inverter (3 or more mppts)	504.230,98	10.893,98
35.200.5230	At least 300 kW solar inverter (3 or more mppts)	566.146,73	12.398,73
35.200.7000	H1Z2Z2-K Solar Cable (Unit: m): Delivery in working order, including any material and labor, of solar cables manufactured as per TS EN 50618.		
35.200.7001	1.5 mm ² solar cable	56,10	39,38
35.200.7002	2.5 mm ² solar cable	63,39	39,38
35.200.7003	4-mm ² solar cable	78,06	42,50
35.200.7004	6-mm ² solar cable	93,11	42,50
35.200.7005	10-mm ² solar cable	130,44	45,63
35.200.7006	16-mm ² solar cable	183,54	53,13
35.200.7007	25 mm ² solar cable	260,96	60,63
35.200.7008	35 mm ² solar cable	342,68	63,75
35.200.7009	50-mm ² solar cable	482,41	71,25
35.200.7010	70-mm ² solar cable	649,78	77,50
35.200.7011	95 mm ² solar cable	841,20	85,00
35.200.7012	120-mm ² solar cable	1.061,50	92,50
35.200.7013	150-mm ² solar cable	1.320,08	98,75
35.200.7014	185 mm ² solar cable	1.554,14	109,38
35.200.7015	240-mm ² solar cable	2.054,11	116,88
35.200.7016	300-mm ² solar cable	2.459,94	127,50

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.210.1000	AC TYPE ELECTRIC VEHICLE CHARGING UNIT: (Unit: Qty.) Electric vehicle charging units that can charge Type-2 electric and hybrid vehicles in accordance with the IEC 62196 standard must have the following features; - Suitable for use in indoor and outdoor environments, with an ingress protection of at least IP54, - Impact protection of at least IK08, - Can be mounted on the wall or positioned on a metal base, - Can operate between -25 °C and +40 °C and 5% to 95% relative humidity without affecting performance, - Supports LAN and Wi-Fi connections, has an RFID reader and can be used with RFID-enabled cards in ISO-14443A/B and ISO-15693 standards, Supply, installation and delivery in working order of AC type electric vehicle charging unit which has an IEC 61851-1 compatible protection element and whose conformity to IEC 61851-1 is certified by an accredited laboratory, -Can work with both single-phase and three-phase mains connection, -Nominal current can be adjusted to different levels. -Note 1: The General Technical Specifications of Electric Vehicle Charging System Installation shall comply with in the applications to be made. -Note 2: The management software of the electric vehicle charging unit should be offered free of charge, the software application should be able to be used on mobile phones, tablets, computers, etc. and the software application must have at least the following features: -Turkish language support, -Display of the name of the charging unit, license plate and user information of the vehicle using the charging unit, charging start and end times of the vehicle using the charging unit, -Charging process start and stop, -Current adjustment, -Storage and reporting of information about unit usage, Ability to display incorrect connection or any fault status, Note 3: The manufacturer must have its own sales organization, call center, spare parts supply and service within the borders of Türkiye. -The charging unit must support OCPP1.6J and be compatible with charging network software. -The charging unit must constantly receive new updates from the charger manufacturer to ensure compatibility with current vehicle certifications. -The unit must have an external display indicating the status and errors that occur, or it must be able to display this error notification through a software application, etc. -The charging unit must have a Turkish installation, assembly, usage and troubleshooting guide. NP: Nominal power RC: Rated current		
35.210.1010	11 kW NG 16 amps AA charging unit	20.593,75	646,88
35.210.1020	22 kW NG 32 amps AA charging unit	30.550,89	646,88



REPUBLIC OF TÜRKİYE
MINISTRY OF ENVIRONMENT, URBANIZATION,
AND CLIMATE CHANGE

Higher Technical Board

1934

LOW-CURRENT INTERIOR INSTALLATION
UNIT PRICES AND SPECIFICATIONS

2025

35.400.-Low Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.400.0000	HOSPITAL CALL SYSTEM		
35.400.1000	HOSPITAL CALL SYSTEM (IP SYSTEM): It is a communication and automation system that governs and integrates the Hospital Call Systems, the Nurse Call System, the Code Blue System, the Code Pink System, the Code White System, and the Consultant Call System. The system's central server communicates with room control units through a TCP/IP socket connection in the hospital's existing network. It has passed immunity and propagation tests to meet TS EN 60601-1-2 standard. It has also underwent TS EN 60950-1 standard tests. It complies with the Directive (2014/35/EU) Electrical Equipment Designed for Use within Certain Voltage Limits and the Directive (2004/108/EC) Electromagnetic Compatibility.		
35.400.1001	Nurse Call Panel: (Unit: Qty.) Supply, transportation to the work site, installation, making electrical connections, and delivery in working order of a desktop or wall-mounted panel with at least 15" LCD monitor, at least 1 GB system memory, at least 160 GB hard disk, a Turkish operating system and 10/100 MB LAN features. The panel can rank calls in the service according to call type and level of emergency, and inform the nurses about the calls in the rooms.	82.184,38	2.396,88
35.400.1002	Room Control Panel: (Unit: Qty.) Supply, installation, making electrical connections and delivery in working order of the panel that supplies power to and regulates voltage level in bedside call units, Toilet-Bathroom call units and over door lights. It can be built-in or surface-mounted that cannot be disassembled. It communicates with the Nurse Call Panel and Hospital Call Server via Ethernet network. It can scan smart cards, has at least 4.3" LCD touch-screen monitor, and 220 VAC or 12-24 VDC power supply. It can contain at least 50 records until the Hospital Call Server confirms that it received the calls and measurement information. It can scan Personnel Smart Cards. It can supply power to and regulate voltage level in at least two bedside call units and at least one Toilet-Bathroom call unit. It can connect with other devices in the room via an RS485 system or CAN bus.	19.869,13	2.065,63
35.400.1003	Patient Bedside Call Unit: (Unit: Qty.) Supply, transportation to the work site, installation, making electrical connections and delivery in working order of an edge-lit, aesthetic and durable call unit that can be mounted to the bedside console, communicates with the room control panel via in-room communication network, can easily be connected to or disconnected from Patient Handset Call Units, as it has a single connector, can connect to the Room Control Panel via an RS485 system or CAN bus, has a call button to call the nurse, is made of high-quality flame-resistant material.	2.535,44	760,94
35.400.1004	Patient Handset Call Unit: (Unit: Qty.) Supply, transportation to the work site, installation, making electrical connections and delivery in working order of a call unit that is ergonomic for the hand, can be connected to the bedside unit via a separate spiral RJ45 cable and has a call button to call the nurse.	1.939,56	594,06
35.400.1005	Patient WC-Bathroom Call Unit: (Unit: Qty.) Supply, transportation to the work site, installation, making electrical connections of the call unit which can be surface- or flush-mounted. It communicates with the Room Control Panel via in-room communication network. It can connect to the Room Control Panel via an RS485 system or CAN bus. It can make emergency calls if the rope under the panel is pulled.	2.314,44	760,94
35.400.1006	Over Door Light: (Unit: Qty.) Supply, transportation to the work site, installation, making electrical connections and delivery in working order of a noticeable LED over door light that utilizes red, green and blue colors.	1.502,06	156,56
35.400.1007	Hospital Server: (Unit: Qty.) Supply, transportation to the work site, installation and making electrical connections of the Hospital Server that has at least 1.6 GHz dual core CPU, at least 2 GB system memory, at least 160 GB HDD, and an integrated 4-port internal line input. It employs Interactive Voice Response (IVR), and is compatible with IP and analogue switchboards. It includes Caller ID support, and can run round the clock. It includes the settings of the Nurse Call Unit System, the Code Blue System, the Code Pink System, the Code White System and the Consultant Call	192.480,63	2.940,63

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	System. It can manage, direct, record and report all calls, and produce statistics. It can contain records and reports for at least 10 years.		
35.400.1008	Personnel Smart Card: (Unit: Qty.) ISO/IEC 14443 Type A. 13.56 MHz MIFARE classic (Standard - 1 KB) contactless smart card.	178,10	
35.400.1009	Pager: (Unit: Qty.) Supply of the pager that operates on Industrial, Scientific, and Medical frequency bands described in regulations on the use of Short-Range Devices. It has Turkish interface, and records the time and date the message is sent or received. It can keep up to 30 messages, give low battery warnings, and has sound and vibration settings for notifications. It can run on a single rechargeable AA-battery. This pocket-size device can also warn the user when it is out of coverage area. It has 8-line message display, and uses POCSAG coding.	13.312,00	
35.400.1010	Wireless Transmitter: (Unit: Qty.) Supply, transportation to the work site, installation and making electronic connections of the transmitter that communicates messages to pagers. It consists of a central and several auxiliary antennas positioned at where the signal fades. It operates on Industrial, Scientific, and Medical frequency bands described in regulations on the use of Short-Range Devices. It uses POCSAG coding, and can communicate with other devices without needing a data cable. Its coverage area can easily be increased by adding a transmitter nearby the blind spot. It has a 220 VAC or 12-24 VDC power supply.	28.126,38	1.521,88
35.400.1011	Emergency Service Call Panel (Unit: Qty.) Supply, transportation to the work site, installation and making electronic connections of the wall-mounted panel that has at least 19" LCD touch-screen monitor, at least 1 GB system memory, at least 16 GB hard disk, and a Turkish operating system. It supports 10/100 MB LAN features. It can scan Personnel Smart Cards, transmit messages via several devices and report the messages.	123.351,38	1.521,88
35.400.2000	NURSE CALL SYSTEM (manufactured in compliance with TS EN ISO 11197 and 93/42/EEC Medical Devices Directive , and released with the CE marking)		
35.400.2001	Nurse Call Console; (unit: qty.) Supply to the work site, delivery in working order, and installation, including any material and labor, of a console (including the nurse call main unit with solid-state relays with output protection for all connections and controls including the power unit, indicator lamps, controls and communication, short circuit, open circuit and thermal protection, and EMI filter) with ABS housing, membrane front panel, LCD indicator panel with necessary buttons depending on the number of rooms, LED indicators, and a sufficient number of inputs and outputs for data, printer, PC and room connections, which shall be capable of data and audio communication with the central unit, printing and transferring to PC all details with all nurse call functions with timestamps and operating with other consoles in a network, and which shall allow nurses to carry out all monitoring and inspection tasks.		
35.400.2002	24 address capacity	20.667,75	3.793,75
35.400.2003	31 address capacity	24.296,50	5.862,50
35.400.2004	62 address capacity	30.488,50	7.387,50
35.400.2005	Room / bed address control module (unit: qty.) Supply to the work site and delivery in working order, including any material and labor, of a device enclosed in special casings with IP54 protection, and inputs and outputs with optical insulation, which shall allow monitoring and control of patient rooms, operate automatically, have a microprocessor, and transfers signals to the panel by means of a call input, door warning light and bathroom button connections.	8.399,30	292,50
35.400.2006	Call / reset unit (unit: qty.) Supply to the work site and delivery in working order, including any material and labor, of a unit that consists of a nurse and physician call reset push-button and warning lights installed on patient bedside units.	1.937,56	156,56
35.400.2007	Call handset (unit: qty.) Supply to the work site and delivery in working order, including any material and labor, of a patient handset with membrane, PVC, etc., with 2-meter cable, a call button, and buttons to control the lights on the patient bedside unit.	1.495,56	156,56
35.400.2008	WC / Bathroom emergency call button with a cord (unit: qty.) Supply to the work site and delivery in working order, including any material and labor, of a unit made up of a module containing call and reset buttons, a warning light and a braided nylon cord with a pull ring at the tip. The unit shall be protected against moisture and dust.	1.716,56	156,56

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35.400.2009	Door-top warning light (unit: qty.) Supply to the work site and delivery in working order, including any material and labor, of a lamp with plexiglass casing, red and green in color, which shall be used above patient doors, highly diffusive of light, and shall operate with 12V or 24V voltage.	1.654,16	156,56
35.405.0000	SYNCHRONIZED CLOCK SYSTEM		
35.405.1000	Master clock and wiring: (Unit: Qty.) (TS EN 60708) Supply, installation, and delivery in working order, including any minor material and labor, of a master clock described in the technical specifications, which shall be capable of managing a sufficient amount of slave clocks.		
35.405.1010	Regular master clock	39.651,75	3.043,75
35.405.1020	Compensated master clock	50.337,75	3.043,75
35.405.1030	Signal clock (that can also control the bell circuit when necessary)	57.338,50	2.712,50
35.405.1100	Slave clock and installation: (Unit: Qty.) Supply, installation, and delivery in working order, including any minor material and labor, of a slave clock described in the technical specifications.		
35.405.1110	30 cm. Ø single-sided	6.067,28	1.084,38
35.405.1120	30 cm. Ø single sided, with the second hand	7.861,28	1.084,38
35.405.1130	30 cm. Ø single sided, weather-proof	6.015,28	1.084,38
35.405.1140	30 cm. Ø single sided, 110/220 V or 1.5-V battery-powered	5.703,28	1.084,38
35.405.1150	Signal clock	37.072,28	1.084,38
35.405.1160	Clock supply line: (Unit: m) Installing a flush-mounted or surface-mounted clock supply line by laying plastic-insulated conductors with 1.5-mm ² section through peschel, bergman or PVC pipes. Junction boxes, terminal blocks and any minor material and labor shall be included.	123,79	97,13
35.405.1170	Weather-proof clock supply line: (Unit: m) Unit Price No. 35.405.1160 except non-lead antigron cables resistant to moisture, clock supply line with the same as the item	113,55	81,31
35.405.2000	IP Master Clock Supply, delivery in working order and installation, including any minor material and labor, of a master clock bearing the CE marking of compliance and equipped with RJ45 network connectors, which shall be capable of sending signals to, and operating, analog and digital slave clocks; being set as a server on the network and sending and receiving time information to and from all devices on the network; setting daylight saving time automatically; and which supports GPS antenna connectivity and installation on 19-inch rack cabinets, and has a backup battery to backup the settings on the device during power outage; starts running automatically when the power is restored; and can be operated remotely by network connection.	128.348,50	4.462,50
35.405.2100	IP Analog Slave Clock Supply, installation and delivery in working order, including any minor material and labor, of a slave clock bearing the CE marking of compliance and equipped with RJ45 network connectors and PoE (Power over Ethernet) power supply, which operates synchronously with the IP master clock by means of its TCP/IP configuration, indicates hour and minute, has an operating temperature of -10 to +50 degrees, with IP protection degree specified for outdoor products, including a two-side installation apparatus for the two-sided type.		
35.405.2110	min. Ø30 cm, single sided	13.815,28	1.084,38
35.405.2120	min. Ø30 cm, double-sided	29.259,28	1.084,38
35.405.2130	min. Ø40 cm, single sided	18.313,28	1.084,38
35.405.2140	min. Ø40 cm, double-sided	35.967,28	1.084,38
35.405.2150	Min. Ø30 cm, single-sided, outdoor environment (min. IP65)	16.350,54	1.084,38
35.405.2160	Min. Ø30 cm, double-sided, outdoor environment (min. IP65)	34.883,34	1.084,38
35.405.2170	Min. Ø40 cm, single-sided, outdoor environment (min. IP65)	21.755,94	1.084,38
35.405.2180	Min. Ø40 cm, double-sided, outdoor environment (min. IP65)	42.932,94	1.084,38
35.405.2200	IP Digital Slave Clock		

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	Supply, installation and delivery in working order, including any minor material and labor, of a slave clock bearing the CE marking of compliance and equipped with PoE (Power over Ethernet) power supply, which operates synchronously with the IP master clock by means of its TCP/IP configuration, an LED indicator, and 4-digit hour and minutes indicator which indicates hour and minute, has an operating temperature of -10 to +50 degrees, with IP protection degree specified for outdoor products, including a two-sided installation apparatus for the two-sided type.		
35.405.2210	min. 5-cm-high digits, single sided	19.015,28	1.084,38
35.405.2220	min. 5-cm-high digits, double-sided	41.427,28	1.084,38
35.405.2230	min. 7-cm-high digits, single sided	22.356,28	1.084,38
35.405.2240	min. 7-cm-high digits, double-sided	48.057,28	1.084,38
35.405.2250	min. 10-cm-high digits, single sided	33.354,28	1.084,38
35.405.2260	min. 10-cm-high digits, double-sided	70.716,28	1.084,38
35.405.2265	Min. 5-cm-high digits, single sided, outdoor environment (min. IP65)	22.598,34	1.084,38
35.405.2270	Min. 5-cm-high digits, double-sided, outdoor environment (min. IP65)	49.484,94	1.084,38
35.405.2275	Min. 7-cm-high digits, single sided, outdoor environment (min. IP65)	26.599,74	1.084,38
35.405.2280	Min. 7-cm-high digits, double-sided, outdoor environment (min. IP65)	57.440,94	1.084,38
35.405.2285	Min. 10-cm-high digits, single sided, outdoor environment (min. IP65)	39.797,34	1.084,38
35.405.2290	Min. 10-cm-high digits, double-sided, outdoor environment (min. IP65)	84.631,74	1.084,38
35.405.2300	GPS Antenna Supply and installation, including any minor material and labor, of the antenna that must be suitable for outdoor conditions and produced in accordance with the IP67 protection class, at least. It must be able to operate in temperatures between -30 °C and 70 °C. This 12-channel receiver must come on the market with CE compliance marking. The GPS antenna will be supplied with a 20 meter-long cable and a mounting leg.	23.245,65	2.168,75
35.410.0000	ADDRESSABLE FIRE DETECTION AND ALARM SYSTEM All fire detection, extinguishing and fire alarm systems shall be manufactured in compliance with the Regulation on "Construction Products" (305/2011/EU) and released with a CE compliance marking.		
35.410.1100	Address fire alarm control panel (Unit: Qty.) Addressable smoke, heat, gas, flame and temperature detectors shall be compatible with the connectors of addressable internal and external fire alarm buttons, input and output interface units, short circuit insulators and addressable audible and visual alarm devices. The fire alarm control panel shall be modular and equipped with a microprocessor. The fire alarm control panel shall allow interconnection by a fire alarm control panel network system with minimum 16 addresses in a large distributed system. The fire alarm control panel shall support Modbus, Bacnet or another accepted communication module for communication with other control and automation systems of the building. The fire alarm control panel shall allow different event types (fire, error, security, alarm, information, etc.) to be defined on all addressable devices by the user. The fire alarm control panel shall ensure full compatibility among the locations and fire scenarios for which the system is installed. The fire alarm control panel shall allow additional devices to be installed on the system in a manner that does not upset the existing local addressing order. The fire alarm control panel shall be provided with Turkish front-end firmware. The fire alarm control panel shall have or allow the addition of at least 2 programmable audible alarm outputs. The fire alarm control panel shall have dedicated and monitored alarm and failure relay outputs for sending signals to a nearby fire station, a remote firefighting center or a fire lookout station. The fire alarm control panel shall support RS communication module for remote access, and TCP/IP (compatible with IPv4 or IPv6) for remote access over LAN, WAN and the Internet. The fire alarm control panel shall be able to send alarm and error information to a predetermined mobile phone number (SMS) during the event by means of a GPRS communication module that can be installed on the control panel or integrated in the control panel by means of an external GPRS communication module. The fire alarm control panel shall enable setting separate operating programs for day and night hours. The fire alarm control panel shall have a pre-alarm function for early response (before the audible alarm activates) from the control panel in case of low smoke density. The fire alarm control panel shall be able to monitor the errors and failures in the connection in integration with the existing PA system. The fire alarm control panel shall provide a programmable alarm relay output to the camera and hence allow automatic switching to the location of fire as part of its integration with the closed circuit television (CCTV) system, continuously check the detectors for contamination and issue a "Service Required" alert if it detects contamination. The fire alarm control panel shall allow connection of repeater and mimic panels. All cables and connections of the fire alarm control panel shall be kept under control against failures, such as broken lines, short circuits and earth leakage. The fire alarm control panel shall be able to store at least 1000 recent events on its fail-proof memory. The fire alarm control panel shall have a master fire alarm and a failure lamp. The fire alarm control panel shall allow the addition of individual alarms and failure lamps for each fire zone, or allow the monitoring of failure and alarm information of each zone with an illuminated alphanumeric LCD display and sending of audible alarms. The fire alarm control panel shall have a backup processor if		

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	it is running more than 512 address elements. In case of mains power outage, the fire alarm system shall continue to perform detection functions for min. 24 hours, and be equipped with enclosed, sealed, maintenance-free accumulators to ensure that the functions of alarm, control and communication remain enabled for min. 30 minutes at the end of the said period. The control panel shall be manufactured in compliance with the TS EN 54-2 and TS EN 54-4 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. Supply, transportation to the work site, installation, connection to alarm outlet lines, adjustment, and delivery in working order, including any material and labor, of the control panel. Note: Specifications of the module given in the description shall be in compliance with the relevant descriptions in the unit price descriptions. The said module prices are not included in the unit price of the control panel.		
35.410.1101	Single-cycle, addressable fire alarm control panel, with min. 120 address capacity.	81.204,50	11.212,50
35.410.1102	Two-cycle, addressable fire alarm control panel, with min. 240 address capacity.	86.447,50	12.087,50
35.410.1103	Three-cycle, addressable fire alarm control panel, with min. 360 address capacity.	102.114,25	13.506,25
35.410.1104	Four-cycle, addressable fire alarm control panel, with min. 480 address capacity.	110.308,25	14.381,25
35.410.1105	Five-cycle, addressable fire alarm control panel, with min. 600 address capacity.	125.119,25	15.256,25
35.410.1106	Six-cycle, addressable fire alarm control panel, with min. 720 address capacity.	141.269,25	16.131,25
35.410.1107	Seven-cycle, addressable fire alarm control panel, with min. 840 address capacity.	155.313,25	17.006,25
35.410.1108	Eight-cycle, addressable fire alarm control panel, with min. 960 address capacity.	172.384,00	18.425,00
35.410.1109	Nine-cycle, addressable fire alarm control panel, with min. 1080 address capacity.	194.176,00	19.300,00
35.410.1110	10-cycle, addressable fire alarm control panel, with min. 1200 address capacity.	207.698,25	20.381,25
35.410.1111	11-cycle, addressable fire alarm control panel, with min. 1320 address capacity.	221.040,25	21.256,25
35.410.1112	12-cycle, addressable fire alarm control panel, with min. 1440 address capacity.	234.720,25	22.131,25
35.410.1113	13-cycle, addressable fire alarm control panel, with min. 1560 address capacity.	248.398,00	23.550,00
35.410.1114	14-cycle, addressable fire alarm control panel, with min. 1680 address capacity.	262.247,00	24.425,00
35.410.1115	15-cycle, addressable fire alarm control panel, with min. 1800 address capacity.	275.680,00	25.300,00
35.410.1116	16-cycle, addressable fire alarm control panel, with min. 1920 address capacity.	288.346,00	26.175,00
35.410.1117	Network interface card (to be installed on each control panel or repeater panel) should be able to operate on up to 32 addressable alarm panels and repeater panel network.	9.163,44	323,44
35.410.1118	Mini thermal printer	8.249,54	323,44
35.410.1500	Addressable fire alarm control panel, RS communication module (Unit: Qty.) It shall be used for cable remote access to the addressable fire alarm control panel. The RS-232 communication module that supports the RS-232 communication protocol used for distances up to 10 meters, and the RS-485 °Communication module that supports the RS-485 °Communication protocol used for distances above 10 meters shall be powered by a switched (SMPS) power supply with the specifications provided in the item 35.410.6000, and the price of the power supply shall not be included in the unit price. Supply, transportation to the work site, and delivery in working order, of a module manufactured by a company that is awarded ISO 9001 Quality Management System certificates.		
35.410.1501	RS-232 Communication Module	6.749,44	1.198,44
35.410.1502	RS-485 Communication Module	7.451,44	1.198,44
35.410.1510	Addressable fire alarm control panel, TCP/IP communication module (Unit: Qty.) It shall be used for remote access of the addressable fire alarm system over LAN, WAN and the Internet. The TCP/IP communication module (compatible with IPv4 and IPv6) shall have the same technical specifications with the unit price no. 35.410.6000, be supplied power by a switched-mode power supply (SMPS), and the price of the power supply shall not be included in the unit price. Supply, transportation to the work site, and delivery in working order, of a module manufactured by a company that is awarded ISO 9001 Quality Management System certificates.	20.477,44	1.198,44
35.410.1520	Addressable fire alarm control panel, GPRS communication module (Unit: Qty.) It shall be used for remote access of the addressable fire alarm system over the Internet using the mobile communication protocol GPRS. It shall send the event details including the “date, time, event type, location, etc.” to a predetermined mobile phone number (SMS) during the event by means of a GPRS communication module. The GPRS communication module shall have the same technical specifications with the unit price no. 35.410.6000, be supplied power	25.820,44	1.198,44

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	by a switched-mode power supply (SMPS), and the price of the power supply shall not be included in the unit price. Supply, transportation to the work site, and delivery in working order, of a module manufactured by a company that is awarded ISO 9001 Quality Management System certificates.		
35.410.1530	Addressable fire alarm control panel, MODBUS communication module (Unit: Qty.) The modbus communication module shall be designed to operate in integration with the PLC systems of the fire alarm system using the modbus protocol, which are used for direct data exchange with other building control and automation systems of the plant. The modbus communication module shall allow the use of the data corresponding to the register addresses on the memory map for PLC automation. The modbus communication module shall be capable of fire, pre-alarm, error, test and disabling events on the system. Any event that occurs on the system shall be detailed up to the device address. Modbus module settings shall be made by means of hardware on the card and by means of software using the modbus master, and modbus RTU/ASCII modes shall be supported as settings and communication shall take place by the modbus protocol through RS 232/485. The modbus module shall be equipped with memory protection. The unavailable fields on the memory shall be both reading- and writing-protected. The modbus query time shall be min. 100 ms. Supply, transportation to the work site, and delivery in working order, of a module manufactured by a company that is awarded ISO 9001 Quality Management System certificates.	27.107,44	1.198,44
35.410.1540	Addressable fire alarm control panel, BACnet communication module (Unit: Qty.) Supply, transportation to the work site, testing and delivery in working order, including any minor material, of a BACnet communication module which operates as integrated with the systems that use the BACnet protocol, operate directly with the BACnet systems with MS/TP layer and through a router with the BACnet systems with an Ethernet layer, indicates fire, pre-alarm, error and disabling events, configures BACnet communication module settings by hardware on the card, and is manufactured by a company that is certified for compliance with the ISO 9001 Quality Management System.	27.107,44	1.198,44
35.410.2000	Addressable fire alarm repeater panel (Unit: Qty.) The repeater panel should be equipped with all indicator and control buttons on the master fire alarm control panel, allow monitoring of all alarm and failure states related to the system and conduct system checks. The repeater panel should have a master fire alarm and failure lamp, and individual alarm, failure lamps and illuminated alphanumeric indicator for each fire zone as well as local audible alarm component. Location numbers indicating the assigned location of a fire lamp should be placed next to each local fire lamp. In case of mains power outage, the fire alarm system shall continue to perform detection functions for min. 24 hours, and be equipped with enclosed, sealed, maintenance-free accumulators to ensure that the functions of alarm, control and communication remain enabled for min. 30 minutes at the end of the said period. The control panel shall be earthed for the required ohm value independently. The control panel shall be manufactured in compliance with the TS EN 54-2 and TS EN 54-4 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. Supply to the work site, and delivery in working order, including any minor material, of the repeater panel.	37.373,50	7.837,50
35.410.2010	Addressable Fire Alarm System Fire Telephone Control Unit (Unit: Qty.) As part of the addressable fire alarm system, a control unit of a capacity stated in the relevant item shall be used to establish communication between the security center and field fire telephones located at strategic points on site. Field fire telephones shall not require dialing to call the security center. The fire telephone control unit of the addressable fire alarm system shall be equipped with the technical infrastructure necessary for fire telephones to call the relevant number automatically. Once an operator at the security center has answered an incoming call, the telephone call shall begin and if warnings are received from other fire telephones, they shall be able to join the call (conference). Addressable fire alarm system fire telephone control unit shall be equipped with sufficient technical infrastructure to allow all fire telephones to join a conference call simultaneously. Conference calls shall be started automatically by the control module without the need for any operator action. Supply, transportation to the work site, and delivery in working order, of a module manufactured by a company that is awarded ISO 9001 Quality Management System certificates.		
35.410.2011	12 fire telephone capacity	72.556,50	6.087,50
35.410.2012	16 fire telephone capacity	91.505,50	7.837,50
35.410.2013	32 fire telephone capacity	123.844,50	9.587,50

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35.410.2020	Addressable optical smoke detector (Unit: Qty.) The microprocessor-controlled detector shall be equipped with a photoelectric smoke cell that operates by emitting light. Minimum one LED shall be available on the detector for visibility from a distance. It shall be compatible with the parallel remote indicator connector and equipped with a socket that ensures attachment and removal. Detectors should be addressable automatically by any location switch, handheld detector programming device or fire detection and alarm control panel. The detector shall be manufactured in compliance with the TS EN 54-7 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. Supply to the work site, and delivery in working order, including any minor material, of the detector.	1.523,34	323,44
35.410.2030	Addressable optical smoke detector with short circuit insulator (Unit: Qty.): The detector shall be equipped with a short circuit insulator to ensure that the system keeps operating in case of short circuits that may occur in the cycle line. The detector shall be manufactured in compliance with the TS EN 54-7 and TS EN 54-17 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. The rest of the specifications shall be the same as the item 35.410.2020, and it shall be transported to the work site, installed at the location specified in the project design, tested and delivered with any minor material.	1.835,34	323,44
35.410.2040	Addressable temperature detector (Unit: Qty.) It shall be possible to program the detector for operating as a fixed temperature detector or a temperature rate of increase detector. The detector shall be equipped with min. LED for visibility from a distance, and a socket compatible with parallel remote indicators for installation and removal of such lamps. Detectors should be addressable automatically by any location switch, handheld detector programming device or fire detection and alarm control panel. The microprocessor-controlled detector shall be manufactured in compliance with the TS EN 54-5 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. Supply to the work site, and delivery in working order, including any minor material, of the detector.	1.523,34	323,44
35.410.2050	Addressable temperature detector with short circuit insulator (Unit: Qty.): The detector shall be equipped with a short circuit insulator to ensure that the system keeps operating in case of short circuits that may occur in the cycle line. The detector shall be manufactured in compliance with the TS EN 54-5 and TS EN 54-17 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. The rest of the specifications shall be the same as the item 35.410.2040, and it shall be supplied, transported to the work site, installed at the location specified in the project design, tested and delivered with any minor material.	1.835,34	323,44
35.410.2060	Addressable combined optical smoke and temperature detector (Unit: Qty.) The microprocessor-controlled detector shall be equipped with a photoelectric smoke cell that operates by emitting light. It shall also be possible to program the detector to operate as a fixed temperature detector or temperature increase rate detector. The detector shall be equipped with min. LED for visibility from a distance, and a socket compatible with parallel remote indicators for installation and removal of such lamps. Detectors should be addressable automatically by any location switch, handheld detector programming device or fire detection and alarm control panel. The detector shall be manufactured in compliance with the TS EN 54-5 and TS EN 54-7 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. Supply to the work site, and delivery in working order, including any minor material, of the detector.	1.662,44	323,44
35.410.2070	Addressable combined optical smoke and temperature detector with short circuit insulator (Unit: Qty.): The detector shall be equipped with a short circuit insulator to ensure that the system keeps operating in case of short circuits that may occur in the cycle line. The detector shall be manufactured in compliance with the TS EN 54-5, TS EN 54-7 and TS EN 54-17 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. The rest of the specifications shall be the same as the item 35.410.2060, and it shall be supplied, transported to the work site, installed at the location specified in the project design, tested and	2.221,44	323,44

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	delivered with any minor material.		
35.410.2500	Active air sampling precision smoke detector (Unit: Qty.) The active air sampling precision smoke detector which can detect fire at its initial stage for the locations that require very fast and precise smoke detection and protection shall operate by the principle of sampling the air at the relevant location. The detector shall be capable of operating at precision classes A (very high precision), B (enhanced precision) and C (normal precision). The detector shall be able to detect and report the operator any blockage or fracture at the pipe that transfers the air at the location to the panel. The pipes shall be drilled in the number and diameter as per the pneumatic calculations, and installed at their designated location specified in the application project. The pipes shall be secured by clamps to avoid deflection. The active air sampling precision smoke detector shall be in a PVC cabinet, and made up of a laser or LED-based high-power detection cell, an aspirator that absorbs the air, and a filter and electronic control equipment. The light source shall be semiconductor laser or high-power LED, and have a minimum life cycle of 10 years. It shall adjust precision automatically based on the ambient conditions using its microprocessor controller design. The detector shall detect at min. 2 grades: alarm and pre-alarm. The device shall be equipped with pre-alarm, alarm and error relays. The active air sampling fire detector shall communicate by RS-485. The system should allow monitoring by PC using its own software. Air sampling panels shall be able to report events retrospectively and keep the events (such as reset, alarm, silencing an alarm, discharge, etc.) on its memory. The active air sampling precision smoke detector shall be equipped with a 24 V DC switching-mode power supply (SMPS) unit with the item number 35.410.6000 and in compliance with TS EN 54-4 to maintain the operability of detection functions for min. 24 hours and keep all functions of alarming, control and communication up and running for min. 30 minutes after the said period. The power supply shall not be included in the unit price. The active air sampling precision smoke detector shall be integrable with addressable fire detection systems through control modules. Supply, transportation to the work site, testing, and delivery in working order, including any minor material, of active air-sampling precision smoke detectors and sensing pipes manufactured in compliance with the TS EN 54-20 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. Note: Square meter values specified in the item description indicate the area that the device can protect in the configuration class C. It should be kept in mind that the protection area is reduced in the configuration class A and B.		
35.410.2501	A system with active sampling precision smoke detector with a protection area of min. 500 m ² in configuration class C.	39.623,00	16.600,00
35.410.2502	A system with active sampling precision smoke detector with a protection area of min. 750 m ² in configuration class C.	49.127,25	23.231,25
35.410.2503	A system with active sampling precision smoke detector with a protection area of min. 1250 m ² in configuration class C.	68.873,75	32.993,75
35.410.2504	A system with active sampling precision smoke detector with a protection area of min. 2000 m ² in configuration class C.	92.226,50	45.062,50
35.410.2510	Ventilation duct sampling device with an Addressable Optical Smoke Detector (Unit: Qty.) It should be used for smoke detection in ventilation ducts using the addressable optical smoke detector integrated in the item. It should perform sampling by optimum air flow from the ventilation duct to the addressable optical smoke detector and should be designed to ensure an appropriate speed for a safe detection. It should have an ABS or metal housing with a transparent cover that allows the functions of the detector in the housing to be seen. The sampling pipe shall be made of aluminum to prevent corrosion. Supply, installation, connection to fire alarm outlet lines, and delivery in working order, including any minor material and labor, of a ventilation shaft sampling device with addressable optical smoke detector manufactured in compliance with the TS EN 54-7 and TS EN 54-27 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union.	10.203,63	3.690,63
35.410.2520	Addressable water leak detector (Unit: Qty.) Transportation to the work site, and delivery in working order, including any material, of an address water leak detector that consists of a cable and detection probe, performs data communication with the addressable fire alarm control panel by a cycle cable, directly connects to the cycle line, and which was manufactured by a manufacturer that is certified for compliance with the ISO 9001 Quality Management System.	1.457,04	323,44

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.410.2530	Resettable addressable fire alarm button (Unit: Qty.) The resettable addressable fire alarm button shall be microprocessor-controlled. It should activate once the flexible non-breakable glass on the button is pressed, and remain in that state until it is reset. The LED located on the fire alarm button shall flash while the button is queried through the cycle and flash continuously during an alarm. Supply, transportation to the work site, testing, and delivery in working order, including any minor material, of buttons manufactured in compliance with the TS EN 54-11 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union.	1.675,44	323,44
35.410.2540	Resettable addressable fire alarm button (Unit: Qty.) The resettable and addressable fire alarm button shall act as a manual warning component on the system, and be compatible with flush mounting and surface mounting, and controlled by a microprocessor. It should activate once the flexible non-breakable glass on the button is pressed, and remain in that state until it is reset. The LED located on the fire alarm button will flash while the button is queried through the cycle and turn solid when activated manually and switched to the alarm status. It shall be weather-proof and comply with min. IP65 protection class. Supply, transportation to the work site, testing, and delivery in working order of buttons manufactured in compliance with the TS EN 54-11 standard and the Regulation (EU) No. 305/2011 Construction Products, and released with a CE compliance marking, with a Declaration of Performance by the manufacturer and a Performance Stability Certificate issued by an organization accredited by the European Union.	3.431,74	323,44
35.410.2550	Resettable, addressable fire alarm button with short circuit insulator (Unit: Qty.) The fire alarm button with addressable short circuit insulator shall operate as a manual alarm component and short circuit insulator on the system. The button shall be compatible with flush mounting and surface mounting, and controlled by a microprocessor. The button should activate once the flexible non-breakable glass on the button is pressed, and remain in that state until it is reset. The fire alarm button shall have a LED. The red LED on the button shall turn on when the button is queried by the control panel through the cycle line or activated manually and switches to the alarm state. In case of a short circuit in the cycle line, the short circuit insulator in the button shall activate automatically and the yellow LED on the button shall turn on. Once the short circuit is eliminated, the insulator shall be disabled automatically and the yellow LED shall turn off. Supply, transportation to the work site, testing, and delivery in working order, including any minor material, of buttons manufactured in compliance with the TS EN 54-11 and TS EN 54-17 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union.	2.079,74	323,44
35.410.2560	Resettable, addressable fire alarm button with short circuit insulator (Unit: Qty.): The fire alarm button with addressable short circuit insulator shall operate as a manual alarm component and short circuit insulator on the system. The protection class will be minimum IP65. Supply, transportation to the work site, testing, and delivery in working order of buttons manufactured in compliance with the TS EN 54-11 and TS EN 54-17 standards and the Regulation (EU) No. 305/2011 Construction Products, and released with a CE marking, with a Declaration of Performance by the manufacturer and a Performance Stability Certificate issued by an organization accredited by the European Union. The rest of the specifications is identical with the item 35.410.2540.	3.912,74	323,44
35.410.2570	Addressable audible alarm control module (Unit: Qty.) The control module to be connected to the addressable fire alarm control panel should be used to activate the audible alarm devices. The device should have the modular expansion function. Each output of the audible alarm control module should be activated by any combination of individual input devices. The outputs should be programmable for operating continuously or intermittently. Audible alarm circuits should always be checked against open circuits and short circuits. The microprocessor-controlled module should be equipped with an illuminated indicator that indicates operating, alarm and failure statuses of the device. An installation box, 24 V DC supply unit, charger and batteries should be provided with the module. The module shall be powered by a 24 V DC switching-mode power supply (SMPS) described in the item 35.410.6000 (The battery and SMPS are included in the unit price). Supply, transportation to the work site, testing, and delivery in working order, including any minor material, of modules manufactured in compliance with the TS EN 54-18 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate	3.837,59	479,69

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	issued by an organization accredited by the European Union.		
35.410.2580	Addressable short circuit insulator audible alarm control module (Unit: Qty.): The addressable audible alarm control module with short circuit insulator shall be equipped with a short circuit insulator to ensure that the system keeps operating in case of short circuits that may occur in the cycle line. Supply, transportation to the work site, testing, and delivery in working order, including any minor material, of modules manufactured in compliance with the TS EN 54-17 and TS EN 54-18 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union, and the same as the item 35.410.2570 in other respects.	4.435,59	479,69
35.410.2590	Addressable zone control module (Unit: Qty.) The zone control module to be connected to the addressable fire alarm control panel should be used for connection of a conventional fire zone to the system. The module should perform failure check for both short circuits and open circuits on the conventional zone circuit. The device should have the modular expansion function. It should be activated individually by any combination of the module input devices. The microprocessor-controlled module should be equipped with an illuminated indicator that indicates operating, alarm and failure statuses of the device. An installation box, 24 V DC supply unit, charger and batteries should be provided with the module. The module shall be powered either via the cycle line or by a 24 V DC switching-mode power supply (SMPS) with the technical specifications defined under unit price item no. 35.410.6000. (The battery and SMPS are included in the unit price). Supply, transportation to the work site, testing, and delivery in working order, including any minor material, of modules manufactured in compliance with the TS EN 54-18 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union.	3.915,59	479,69
35.410.2600	Addressable zone control module with short circuit insulator (Unit: Qty.): The addressable zone control module with short circuit insulator shall be equipped with a short circuit insulator to ensure that the system keeps operating in case of short circuits that may occur in the cycle line. Supply, transportation to the work site, testing, and delivery in working order, including any minor material, of modules manufactured in compliance with the TS EN 54-17 and TS EN 54-18 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union, and the same as the item 35.410.2590 in other respects.	4.123,59	479,69
35.410.2610	Addressable, intrinsically safe zone control module (Unit: Qty.) The intrinsically safe zone control module to be connected to the addressable fire alarm control panel should be used to connect an intrinsically safe or fireproof conventional fire zone (fireproof infrared gas, fire proof fire detector, intrinsically safe smoke and temperature detectors or intrinsically safe alarm buttons) to the system. The module should perform failure check for both short circuits and open circuits on the conventional zone circuit. The device should have the modular expansion function. It should be activated individually by any combination of the module input devices. The microprocessor-controlled module should be equipped with an illuminated indicator that indicates operating, alarm and failure statuses of the device. An installation box, 24 V DC supply unit, charger and batteries should be provided with the module. The module shall be powered by a 24 V DC. switching-mode power supply (SMPS) described in the item 35.410.6000 (The battery and SMPS are not included in the unit price). Supply, transportation to the work site, testing, and delivery in working order, including any minor material, of modules manufactured in compliance with the TS EN 54-18 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union.	6.532,69	2.229,69
35.410.2620	Addressable relay module (Unit: Qty.) A relay module to be connected to the addressable fire alarm control panel should be used to activate the devices to be controlled in case of fire. They should be able to operate normally open and normally closed by non-voltage, single-pole contacts. The microprocessor-controlled module should be activated individually by any combination of the module input devices. The module should have a an illuminated indicator that indicates the operating, alarm and failure statuses of the device. The module should not require an external 24 V DC supply unit and draw its power by a cycle cable. Supply, transportation to the work site, testing, and delivery in working order, including any material, of modules manufactured in compliance with the TS EN 54-18 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released	3.746,59	479,69

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union.		
35.410.2630	Addressable relay module with short circuit insulator (Unit: Qty.): The addressable relay module with short circuit insulator shall be equipped with a short circuit insulator to ensure that the system keeps operating in case of short circuits that may occur in the cycle line. Supply, transportation to the work site, testing, and delivery in working order, including any minor material, of modules manufactured in compliance with the TS EN 54-17 and TS EN 54-18 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union, and the same as the item 35.410.2620 in other respects.	3.993,59	479,69
35.410.2640	Addressable relay module resistant to high current (Unit: Qty.) A relay module to be connected to the addressable fire alarm control panel should be used to activate the devices to be controlled in case of fire. The relay module should be activated by any combination of the input devices. It should be possible to use the module in applications that require high current by means of its 250 V AC, 8 A contacts. They should be able to operate normally open and normally closed by non-voltage, single-pole contacts. The microprocessor-controlled module should be equipped with an illuminated indicator that indicates operating, alarm and failure statuses of the device. The module should not need a 24 V DC supply unit and draw its power through the cycle cable. Supply, transportation to the work site, testing, and delivery in working order, including any minor material, of modules manufactured in compliance with the TS EN 54-18 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union.	4.146,99	479,69
35.410.2650	Addressable contact monitoring module (Unit: Qty.) A contact monitoring module to be connected to the addressable fire alarm control panel should be used to monitor the positions of the sprinkler systems, alarm inputs, general-purpose fire devices, control switches and other safety devices. It should be able to monitor normally open and normally closed contacts. The microprocessor-controlled module should have a modular expansion function. It should be activated individually by any combination of the module input devices. The module should be equipped with an illuminated indicator that indicates operating, alarm and failure statuses of the device. The module should not require a 24 V DC supply unit and draw its power from the cycle cable. Supply, transportation to the work site, testing, and delivery in working order, including any minor material, of modules manufactured in compliance with the TS EN 54-18 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union.	3.499,59	479,69
35.410.2660	Addressable contact monitoring module with short circuit insulator (Unit: Qty.): The addressable contact monitoring module with short circuit insulator shall be equipped with a short circuit insulator to ensure that the system keeps operating in case of short circuits that may occur in the cycle line. Supply, transportation to the work site, testing, and delivery in working order, including any minor material, of modules manufactured in compliance with the TS EN 54-17 and TS EN 54-18 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union, and the same as the item 35.410.2650 in other respects.	4.123,59	479,69
35.410.2670	Addressable short circuit insulator module (Unit: Qty.) Short circuit insulators to be connected to the cycle of the addressable fire alarm control panel shall be connected among detectors, buttons and modules in a closed cycle and prevent the cycle from being disabled in case of a short circuit. Then the insulators should activate one at a time starting from both connection points of the cycle until they reach the malfunctioning section to insulate such sections. The insulator module should be used while switching to another fire zone. The modules shall be manufactured in compliance with the TS EN 54-17 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. Supply to the work site, and delivery in working order, including any minor material, of the microprocessor-controlled module.	2.030,59	479,69
35.410.3000	Addressable loop-powered fire siren (Unit: Qty.) The microprocessor-controlled siren shall have a minimum sound volume of 75 db/mt. The device shall communicate with the fire alarm control panel through, and powered by, the cycle	3.322,54	323,44

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	cable. No external 24 V DC supply voltage shall be required. It shall be programmable and can be included in fire scenarios. Supply, transportation to the work site, testing, and delivery in working order, including any minor material, of sirens manufactured in compliance with the TS EN 54-3 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union.		
35.410.3010	Addressable cycle-powered fire siren with short-circuit insulator (Unit: Qty.): The addressable, cycle-powered fire alarm siren shall be equipped with a short circuit insulator to ensure that the system keeps operating in case of short circuits that may occur in the cycle line. Supply, transportation to the work site, testing, and delivery in working order, including any minor material, of modules manufactured in compliance with the TS EN 54-3 and TS EN 54-17 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union, and the same as the item 35.410.3000 in other respects.	3.777,54	323,44
35.410.3020	Addressable loop-powered fire siren with strobe light (Unit: Qty.) Addressable loop-powered fire siren with strobe light shall have minimum 75 db/mt volume and 1 Hz flashing frequency. The device shall communicate with the addressable fire alarm control panel through, and powered by, the cycle cable. No external 24 V DC supply voltage shall be required. It shall be programmable and can be included in fire scenarios. Supply, transportation to the work site, testing, and delivery in working order, including any minor material, of sirens manufactured in compliance with the TS EN 54-3 and TS EN 54-23 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union.	3.743,74	323,44
35.410.3030	Addressable cycle-powered fire siren with short-circuit insulator and strobe light (Unit: Qty.): The addressable, cycle-powered fire alarm siren with strobe light shall be equipped with a short circuit insulator to ensure that the system keeps operating in case of short circuits that may occur in the cycle line. Supply, transportation to the work site, testing, and delivery in working order, including any minor material, of modules manufactured in compliance with the TS EN 54-3, TS EN 54-23 and TS EN 54-17 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union, and the same as the item 35.410.3020 in other respects.	4.172,74	323,44
35.410.3040	Addressable loop-powered fire alarm strobe light: (Unit: Qty.) Addressable loop-powered fire alarm strobe light shall have 1 Hz flashing frequency. The device shall communicate with the addressable fire alarm control panel through, and powered by, the cycle cable. No external 24 V DC supply voltage shall be required. It shall be programmable and can be included in fire scenarios. Supply, transportation to the work site, testing, and delivery in working order, including any minor material, of fire alarm strobe lights manufactured in compliance with the TS EN 54-23 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union.	3.312,14	323,44
35.410.3050	Addressable cycle-powered fire alarm strobe light with short-circuit insulator: (Unit: Qty.) Addressable loop-powered fire alarm strobe light shall have 1 Hz flashing frequency. The device shall communicate with the addressable fire alarm control panel through, and powered by, the cycle cable. The addressable, cycle-powered fire alarm strobe light shall be equipped with a short circuit insulator to ensure that the system keeps operating in case of short circuits that may occur in the cycle line. No external 24 V DC supply voltage shall be required. It shall be programmable and can be included in fire scenarios. Supply, transportation to the work site, testing, and delivery in working order, including any minor material, of fire alarm strobe lights manufactured in compliance with the TS EN 54-23 and TS EN 54-17 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union.	3.769,74	323,44
35.410.3100	Addressable fire alarm system fire zone telephone (Unit: Qty.) Addressable fire alarm system field fire telephones shall be used to enable authorized persons to communicate with the security center and other field telephones. They shall be activated when the handset is picked up. They shall call the security center automatically without the need to dial any number. They shall be connected to the fire telephone control module with the	15.149,88	2.396,88

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	item no. 35.410.2010. The field phones shall be enclosed in red, non-corrosive and locked metal housings. The glass on the front surface of the housing shall make the handset within the housing visible. Supply, transportation to the work site, and delivery in working order, of a fire zone telephone manufactured by a company that is awarded ISO 9001 Quality Management System certificates.		
35.410.3110	Linear wire temperature sensor control unit for the addressable fire alarm system (Unit: Qty.) Supply, transportation to the work site, testing, and delivery in working order, including any minor material, of a linear wire temperature sensor control unit with separate relay outputs, a protection password, the technical specifications provided in the item no. 35.410.6000, and an external 24V DC switched-mode power supply (SMPS), and integrated with communication modules, which reports fire and error data to the addressable fire alarm system, reports control unit communication errors, sensor and cable failures, sensor system modbus or BACnet communication errors, measuring point disabled, and ROM and EEPROM failures; measures temperature values with min. 0.10 C precision through the addressable control panel menu; allows to create zones by uniting sensors, to set a differential alarm threshold, to define a pre-alarm, to program sensor scanning and data acquisition times, to define baseline values for differential alarm thresholds and to program the number of measurements to set the baseline; and which shall be manufactured in compliance with the standard TS EN 54-4, 305/2011/EU Construction Products Directive, released with the CE marking, and awarded the manufacturer's declaration of performance, and Performance Stability Certificate by an organization accredited by the European Union.	71.939,50	8.837,50
35.410.3120	Linear wire temperature detector for the addressable fire alarm system (Unit: m.) Supply, transportation to the work site, testing and delivery in working order, including any minor material, of detectors, distribution, termination and connection boxes where microprocessor sensors placed in a halogen-free cable at certain intervals are protected from environmental impacts, measurements are made with min. 0.10 C precision at the intervals and operating conditions specified in the relevant project, and more cables can be connected by a distribution panel to be installed adjacent to the control unit with item number 35.410.3110 if more sensor cables are to be connected, and a terminal box or a protective cap is available at cable ends. The items shall be manufactured in compliance with the standard TS EN 54-5, 305/2011/EU Construction Products Directive, released with the CE marking, and awarded the manufacturer's declaration of performance, and Performance Stability Certificate by an organization accredited by the European Union.	1.281,18	129,38
35.410.3130	External wire temperature sensor for the addressable fire alarm system (Unit: Qty.) Supply, transportation to the work site, testing and delivery in working order, including any minor material, of an external temperature sensor, sensor module and connection boxes with stainless steel-plated external semiconductor sensors where such data as the differential alarm threshold, alarm threshold, min. threshold of the sensor are transferred to the detection system with item no. 35.410.3110 by means of an external sensor module, which shall be manufactured by a company certified for compliance with the ISO 9001 Quality Management System.	2.984,18	129,38
35.410.4000	Addressable fire detection system, graphical monitoring/management software and hardware (Unit: Qty.) Supply, transportation to the work site, testing and delivery in working order, including any minor material, of a graphical monitoring/management software and hardware pack compatible with IPv4 and IPv6 and manufactured by a manufacturer certified for compliance with the ISO 9001 Quality Management System, with PC software and hardware, Turkish and English language options for the software, a program operating under Windows and other operating systems, and graphical monitoring and control of fire alarm control panels with min. 32 addresses using a single program on a computer; which allows to check on a computer the alarm, error and status data on the fire alarm system and to monitor graphically the fire alarm systems with a network structure made up of min. 32 control and/or repeater panels, and to communicate by means of the connection between the PC and the control panel, or RS-232 / RS-485 or TCP/IP communication port; which sends full screen or pop-up warning messages automatically or manually to different computers in case of fire online through LAN or WAN by individually defined IP addresses or domain names using the graphical monitoring software and hardware; sends the event log data including the "date, time, event type, location, etc." kept in the memory by the control panel to predefined email address(es) or as a short message (SMS) to predefined mobile phone number(s) during the event; allows to send all events or only selected events logged on the fire system; sends the email or SMS during the event or on a daily or weekly basis as reports; sends Alarm, Reset, Cancel Alarm commands to all fire alarm control panels running in the system or network; displays all events (fire, error, etc.) on the control panel(s) on the messages window of the graphic monitoring program; allows software IP telephone integration as fire telephone in the PC software; allows communication using a headset, modem and fire telephone control unit connected to the PC; starts a telephone		

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	call once the operator at the security center has answered a call by the IP telephone and join a conference call if a warning is received from other fire telephones at the same time; and easily calls the field telephones or fire alarm control panels with telephone through the IP telephone at the security center in case of an emergency detected during fire monitoring; allows the design of the location to be saved in jpg, jpeg, bmp, ico, emf and wmf formats; saves architectural projects of the location in AutoCAD (dwg) format by converting them into wmf format, and allows navigation by shortcuts in such projects; keeps event logs of the graphic monitoring software and hardware system; displays event logs by date ranges, fire and error states and prints them; boots with the operating system and never shuts down by disabling the buttons used for shutting down the Windows operating system; allows minimum 10 users to be defined; emits a different sound for each event type; allows customization of event sounds by users and multiple users and multi-step password input for different ranks of users and the operator.		
35.410.4001	Addressable fire detection system, graphical monitoring/management software and hardware for 1 Control Panel	52.432,50	6.087,50
35.410.4002	Addressable fire detection system, graphical monitoring/management software and hardware for 4 Control Panels	74.574,50	9.587,50
35.410.4003	Addressable fire detection system, graphical monitoring/management software and hardware for 8 Control Panels	97.418,50	13.087,50
35.410.4004	Addressable fire detection system, graphical monitoring/management software and hardware for 16 Control Panels	117.675,50	16.587,50
35.410.4006	Graphic monitoring/management user software for 10 users	27.413,30	1.750,00
35.410.4007	Graphic monitoring/management user software for 25 users	52.893,30	1.750,00
35.410.4008	Graphic monitoring/management user software for 50 users	91.321,30	1.750,00
35.410.5000	Software for integration of the fire detection and alarm system with the CCTV system (Unit: Qty.) Supply, testing and delivery in working order, including any minor material, of the integration software and hardware which integrate the fire detection and alarm system with the CCTV system on the software, and display the image of the location of alarm on the graphic display of the fire detection and alarm system or the screen of the CCTV system, and direct the moving cameras to the location of the alarm based on the alarm warning received from the panel.		
35.410.5001	Software for integration of the fire detection and alarm system for 1 Control Panel with the CCTV system	37.020,75	4.793,75
35.410.5002	Software for integration of the fire detection and alarm system for 4 Control Panels with the CCTV system	47.202,75	8.293,75
35.410.5003	Software for integration of the fire detection and alarm system for 8 Control Panels with the CCTV system	58.645,75	11.793,75
35.410.5004	Software for integration of the fire detection and alarm system for 16 Control Panels with the CCTV system	71.505,75	15.293,75
35.410.5005	Software for integration of the fire detection and alarm system for 32 Control Panels with the CCTV system	87.082,75	18.793,75
35.410.6000	Switch-mode power supply unit (Unit: Qty.) (TS EN 54-4) The switch-mode power supply unit shall provide 24 V DC voltage and the output power specified in its item description. The power supply unit shall continuously check itself and be able to detect such errors as earthing, battery, fuse and 220 V AC mains supply outages or 24 V fuse malfunctions. It shall be equipped with a dry-contact relay that reports errors as well as overcurrent, short circuit protection and automatic fuse protection. The power supply shall check the presence of a battery, charging cycle time and low voltage status of the battery and report errors. To ensure longevity of the batteries used in the power supply; the battery temperature shall be measured with a thermistor and the battery charging current shall be set automatically. Supply, transportation to the work site, testing, and delivery in working order, including any minor material, of switch-mode power supply units including batteries, manufactured in compliance with the TS EN 54-4 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union.		
35.410.6001	Switch-mode power supply unit; 1 Ah	5.758,74	323,44
35.410.6002	Switch-mode power supply unit; 3 Ah	6.633,64	323,44
35.410.6003	Switch-mode power supply unit; 5 Ah	7.668,44	323,44

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35.410.6004	Switch-mode power supply unit; 10 Ah	12.452,44	323,44
35.410.7000	WIRELESS FIRE DETECTION AND WARNING SYSTEM According to Article 4.2.6 of the TS EN 54-25 standard, the loss of the ability to transmit a message from any RF-connected component of the system to the control center within the time periods defined in TS EN 54-2 must be detected in less than 300 s and demonstrated in less than 100 s.		
35.410.7010	Addressable Wireless Fire Alarm Transceiver Unit: (Unit: Qty.) Supply, including any minor material, transportation to the work site, testing and delivery in working condition of the addressable wireless fire alarm transceiver. When it is connected to a compatible cycle, it connects addressable wireless field devices to the fire detection and alarm system. It offers automatic channel selection and allows communication through minimum 7 different channels. It will be manufactured in accordance with the TS EN 54-18 and TS EN 54-25 standards, and the Regulation (EU) No. 305/2011 Construction Materials. It will come on the market with a CE compliance marking, and with the declaration of performance by the manufacturer and the Performance Stability Certificate issued by an organization accredited by the European Union. Supply to the work site, and delivery in working order, including any minor material, of the transceiver unit.	9.886,08	1.521,88
35.410.7020	Addressable Wireless Fire Alarm Expansion Module: (Unit: Qty.) Supply, including any minor material, transportation to the work site, testing and delivery in working condition of the addressable wireless fire alarm expansion module that increases the signals coming from the transceiver units, and therefore expands the coverage area of the wireless fire alarm system. It offers automatic channel selection. It will be manufactured in accordance with the TS EN 54-18 and TS EN 54-25 standards, and the Regulation (EU) No. 305/2011 Construction Materials. It will come on the market with a CE compliance marking, and with the declaration of performance by the manufacturer and the Performance Stability Certificate issued by an organization accredited by the European Union. Supply to the work site, and delivery in working order, including any minor material, of the expansion module.	9.372,58	1.521,88
35.410.7030	Addressable Wireless Smoke Detector: (Unit: Qty.) Supply to the work site, and delivery in working order, including any minor material, of the microprocessor-controlled detector that will be equipped with a photoelectric smoke cell which operates by emitting light. Minimum one LED shall be available on the detector for visibility from a distance. This detector will be powered by a dual battery system that lasts at least 3 years. It must allow double-sided communication as a transceiver and employ automatic channel selection features. The detector will be manufactured in compliance with the TS EN 54-7 and TS EN 54-25 standards, the Regulation (EU) No. 305/2011 Construction Products. It will be released with a CE marking and a Declaration of Performance by the manufacturer, and Performance Stability Certificate issued by an organization accredited by the European Union. Supply to the work site, and delivery in working order, including any minor material, of the detector.	6.839,04	323,44
35.410.7040	Addressable Wireless Temperature Detector: (Unit: Qty.) Addressable wireless heat detector can be programmed as fixed temperature detector or rate-of-rise detector. Minimum one LED shall be available on the detector for visibility from a distance. It will run on a dual battery system with a life expectancy of at least 3 years. It must allow double-sided communication as a transceiver and automatic channel selection. The detector will be manufactured in accordance with the TS EN 54-5 and TS EN 54-25 standards, and the Regulation (EU) No. 305/2011 Construction Products. It must be released with a CE marking and a Declaration of Performance by the manufacturer, and a Performance Stability Certificate issued by an organization accredited by the European Union.	6.618,04	323,44
35.410.7050	Addressable Wireless Fire, Smoke and Temperature Detector: (Unit: Qty.) The addressable heat and smoke detector will be equipped with a microprocessor-controlled photoelectric smoke cell which operates by emitting light. It should be programmed as fixed temperature detector or rate-of-rise detector. Minimum one LED shall be available on the detector for visibility from a distance. This detector will be powered by a dual battery system that lasts at least 3 years. It allows double-sided communication as a transceiver and employs automatic channel selection features. The detector will be manufactured in compliance with the TS EN 54-5 and TS EN 54-7 and TS EN 54-25 standards, and the Regulation (EU) No. 305/2011 Construction Products. It must be released with a CE marking and a Declaration of Performance by the manufacturer, and a Performance Stability Certificate issued by an organization accredited by the European Union.	7.073,04	323,44
35.410.7060	Addressable Wireless Resettable Fire Alarm Button: (Unit: Qty.) Supply, including any material, transportation to the work site, testing and delivery in working order a the wireless fire alarm button that will operate as a manual alarm component. This microprocessor controlled button can be flush- or surface-mounted. It will be powered by a dual battery system that lasts minimum 3 years. It offers automatic channel selection and double-sided communication as a transceiver. It will be manufactured in accordance with the TS EN 54-11 and TS EN 54-25 standards, and the Regulation (EU) No. 305/2011 Construction Materials. It must come on the market with a CE compliance marking, and with a Declaration of Performance by the manufacturer and a Performance Stability Certificate issued by	7.944,04	323,44

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	an organization accredited by the European Union.		
35.410.7070	Addressable Wireless Fire Alarm Input Module: (Unit: Qty.) Supply, including any minor material, transportation to the work site, testing and delivery in working order of the addressable wireless fire alarm entrance module that allows double-sided communication with the wireless transceiver unit. It will be powered by a dual battery system that lasts minimum 3 years and offer automatic channel selection. It will be manufactured in accordance with the TS EN 54-18 and TS EN 54-25 standards, and the Regulation (EU) No. 305/2011 Construction Materials. It must come on the market with a CE compliance marking, and with a Declaration of Performance by the manufacturer and a Performance Stability Certificate issued by an organization accredited by the European Union.	6.176,04	323,44
35.410.7080	Addressable Wireless Fire Alarm Output Module: (Unit: Qty.) Supply, including any minor material, transportation to the work site, testing and delivery in working order of the wireless fire alarm output module that allows double-sided communication with the wireless transceiver unit. It will be powered by dual battery system that lasts minimum 3 years. It offers automatic channel selection and double-sided communication as a transceiver. It will be manufactured in accordance with the TS EN 54-18 and TS EN 54-25 standards, and the Regulation (EU) No. 305/2011 Construction Materials. It must be released with a CE compliance marking, and with a Declaration of Performance by the manufacturer and a Performance Stability Certificate issued by an organization accredited by the European Union.	6.007,04	323,44
35.410.7090	Addressable Wireless Fire Siren with Strobe Light: (Unit: Qty.) Supply, including any minor material, transportation to the work site, testing and delivery in working order of the siren with strobe light that allows communication with the wireless transceiver unit. It will be powered by a dual battery system that lasts at least 2 years. It offers automatic channel selection and double-sided communication as a transceiver. It will be manufactured in accordance with the TS EN 54-3, TS EN 54-23 and TS EN 54-25 standards, and the Regulation (EU) No. 305/2011 Construction Materials. It must be released with a CE compliance marking, and with a Declaration of Performance by the manufacturer and a Performance Stability Certificate issued by an organization accredited by the European Union.	7.242,04	323,44
35.415.0000	CONVENTIONAL FIRE DETECTION, EXTINCTION AND ALARM SYSTEM All fire detection, extinguishing and fire alarm systems shall be manufactured in compliance with the Regulation on "Construction Products" (305/2011/EU) and released with a CE compliance marking.		
35.415.1100	Conventional Fire Alarm Control Panel (Unit: Qty.) The conventional fire alarm control panel shall be compatible with the connections of conventional optical smoke detectors, fixed temperature detectors, temperature increase rate detectors, optical smoke and temperature detectors, flame detectors, natural gas, LPG and carbon-monoxide detectors, conventional internal and external fire alarm buttons, audible and visual alarm devices. As standard, the fire alarm control panel should be equipped with min. 1 output for audible alarm as well as alarm and failure outputs for sending signals to a nearby fire station, a remote firefighting center or a fire lookout station. The fire alarm control panel should be able to operate standalone or with a repeater panel. The conventional fire alarm control panel should continuously keep all lines entering the detection and alarm devices under control against such failures as broken lines, short circuit or removal of the devices on the line. The fire alarm control panel should have a master fire alarm and failure lamp, and individual alarm and failure lamps for each fire zone as well as local audible alarm component. The control panel shall be equipped with a locking mechanism to prevent unauthorized access. In case of mains power outage, the fire alarm system shall continue to perform detection functions for min. 24 hours, and be equipped with enclosed, sealed, maintenance-free accumulators to ensure that the functions of alarm, control and communication remain enabled for min. 30 minutes at the end of the said period. The control panel shall be earthed for max. 5 ohm independently and in compliance with the Regulation on Earthing for Power Plants. The control panel shall be manufactured in compliance with the TS EN 54-2 and TS EN 54-4 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. Supply, installation, and delivery in working order, including any minor material and labor, of a conventional fire control panel.		
35.415.1110	Up to 4 Zones (including 4)	15.237,13	5.440,63
35.415.1111	Up to 8 Zones (including 8)	18.125,13	6.315,63
35.415.1112	Up to 12 Zones (including 12)	26.090,63	7.190,63
35.415.1113	Up to 16 Zones (including 16)	28.300,63	8.065,63
35.415.1200	Conventional panel driver card: (Unit: Qty.) Supply to the work site and delivery in working order of a conventional panel driver card	5.586,94	323,44

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	which shall be within the modular structure of the conventional fire alarm control panel, operates in a network with repeater panels, is installed in the fire alarm control panel, and manufactured by a company that is awarded with ISO 9001 Quality Management System.		
35.415.1300	Conventional fire alarm repeater panel (Unit: Qty.) The fire alarm repeater panel should communicate with the master fire alarm control panel and monitor all alarm and failure states of the system. The fire alarm repeater panel should have a master fire alarm and failure lamp, and individual alarm and failure lamps for each fire zone as well as local audible alarm component. The control panel shall be equipped with a locking mechanism to prevent unauthorized access. In case of mains power outage, the fire alarm system shall continue to perform detection functions for min. 24 hours, and be equipped with enclosed, sealed, maintenance-free accumulators to ensure that the functions of alarm, control and communication remain enabled for min. 30 minutes at the end of the said period. The control panel shall be earthed for the required ohm value independently and in compliance with the Regulation on Earthing for Power Plants. The control panel shall be manufactured in compliance with the TS EN 54-2 and TS EN 54-4 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. Supply, installation, and delivery in working order, including any minor material and labor, of a conventional fire repeater panel as described in the relevant technical specifications.	17.405,50	4.337,50
35.415.1400	Conventional fire button and its installation (Unit: Qty.) Conventional fire buttons shall be activated by breaking the plastic film-coated glass cover. Once the glass is broken, a microswitch that is normally leaned on the glass should release and change position, and remain in that position until the glass is replaced. It should be possible to test the button by a test switch without breaking the glass. The button shall be manufactured in compliance with the TS EN 54-11 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. Supply, installation, connection to fire warning outlet lines, and delivery in working order, including any minor material and labor, of conventional fire buttons.	690,19	323,44
35.415.1410	Conventional resettable fire button and its installation (Unit: Qty.) The conventional resettable fire button should activate once the flexible non-breakable glass on the button is pressed, and remain in that state until it is reset. It shall be manufactured in compliance with the TS EN 54-11 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. Supply, installation, connection to fire alarm outlet lines, and delivery in working order, including any minor material and labor, of buttons.	898,69	323,44
35.415.1420	Conventional, resettable, exterior fire button and its installation (Unit: Qty.) The conventional, resettable, exterior fire button should activate once the flexible non-breakable glass on the button is pressed, and remain in that state until it is reset. The degree of protection of the buttons shall be minimum IP65. The buttons shall be manufactured in compliance with the TS EN 54-11 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. Supply to the work site, and delivery in working order, including any minor material, of the button.	2.838,19	323,44
35.415.1430	Conventional fixed temperature detector and its installation (Unit: Qty.) By a semi-conductor temperature detection technology, the detector shall detect temperature once it has reached a certain threshold regardless of the rate of increase. The detector shall be compatible with the parallel remote indicator connector and equipped with a socket that ensures easy attachment and removal. The detector shall be manufactured in compliance with the TS EN 54-5 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. Supply to the work site, and delivery in working order, including any minor material, of the detector.	1.228,69	323,44
35.415.1440	Conventional temperature increase rate detector (Unit: Qty.) By a semi-conductor temperature detection technology, the detector shall perform detection once the increase rate of the ambient temperature per unit time has reached a certain threshold and the temperature increase rate has reached a certain value. The detector shall be capable of operating as a fixed temperature detector or temperature increase rate detector. The detector shall be compatible with the parallel remote indicator connector and equipped with a socket that ensures attachment and removal. The detector shall be	1.360,69	323,44

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	manufactured in compliance with the TS EN 54-5 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. Supply to the work site, and delivery in working order, including any minor material, of the detector.		
35.415.1450	Conventional optical smoke detector and its installation (Unit: Qty.) The detector shall detect smoke by optical means. The detector shall be equipped with a photoelectric smoke cell that operates by emitting light. The detector shall be compatible with the parallel remote indicator connector and equipped with a socket that ensures attachment and removal. The detector shall be manufactured in compliance with the TS EN 54-7 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. Supply to the work site, and delivery in working order, including any minor material, of the detector.	1.541,44	323,44
35.415.1460	Parallel remote indicator (Unit: Qty.) It shall be operated by the signal from the parallel remote indicator output when fire alarm detectors detect an event. It shall be used where it is difficult or impossible to see and monitor the indicator (light (LED)) on the detector. The indicator (light (LED)) on the parallel remote indicator shall be red and min. 10 mm for ease of monitoring. The parallel remote indicator shall be manufactured by a manufacturer that is awarded ISO 9001 Quality Management System certificates. Supply, installation, and delivery in working order, including any minor material and labor, of a parallel remote indicator.	485,44	323,44
35.415.1470	Conventional optical smoke and temperature detector and its installation: (Unit: Qty.) The detector shall detect smoke by optical means. The detector shall be equipped with a photoelectric smoke cell that operates by emitting light. The detector shall also sense temperature by a heat-sensitive semiconductor. The detector shall be compatible with the parallel remote indicator connector and equipped with a socket that ensures attachment and removal. The detector shall be manufactured in compliance with the TS EN 54-7 and TS EN 54-5 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. Supply to the work site, and delivery in working order, including any minor material, of the detector.	2.307,94	323,44
35.415.1500	Conventional beam-type smoke detector (Unit: Qty.) Conventional, or transceiver or transceiver reflector beam-type smoke detectors for large and high-ceiling areas shall be used for the fire alarm system. The detector should have min. three different grades of smoke sensitivity settings. The detector should be reset on the switchboard without the need for an external resetting unit. The beam-type smoke detector should perform drift compensation, and issue an error signal when the drift level has reached the critical threshold. A parallel remote indicator output shall be available on the detector. For the transceiver model, fireproof cables of an appropriate type and section for should be used to ensure synchronized operation and data communication between the receiver and the transmitter. The beam-type smoke detector shall be manufactured in compliance with the TS EN 54-12 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. Supply to the work site, and delivery in working order, including any minor material, of the detector.		
35.415.1501	Transceiver type with a range of 10 to 100 m between the transmitter and the receiver	38.488,75	3.043,75
35.415.1502	Transceiver - reflector type with a range of 10 to 50 m between the transceiver and the reflector	25.923,75	3.918,75
35.415.1503	Transceiver - reflector type with a range of 10 to 100 m between the transceiver and the reflector	30.203,75	4.793,75
35.415.1550	Ventilation duct sampling device with a conventional optical smoke detector (Unit: Qty.) Supply, transportation to the work site, installation, connection to fire alarm outlet lines, testing and adjustment, and delivery in working order, including any material and labor, of the device with an ABS or metal housing, a transparent cover that enables the functions within the detector to be seen, and an aluminum sampling pipe; which is manufactured in compliance with the standards TS EN 54-7 and TS EN 54-27, 305/2011/EU Construction Products Directive, released with the CE marking, and awarded the manufacturer's declaration of	15.201,88	2.271,88

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	performance, and Performance Stability Certificate by an organization accredited by the European Union; and which detects smoke in ventilation ducts by means of a conventional optical smoke sensor integrated in the device, and performs sampling by supplying an air flow with appropriate values from the ventilation duct to the optical smoke detector.		
35.415.1560	Internal electronic fire siren (Unit: Qty.) The internal siren shall have a durable, heat-resistant, red housing and an aesthetic appearance. It shall have a minimum sound volume of 100 db/1 mt. Supply, transportation to the work site, testing, and delivery in working order, including any minor material, of sirens with min. IP 42 protection class, manufactured in compliance with the TS EN 54-3 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union.	1.289,44	323,44
35.415.1570	Internal electronic fire strobe light (Unit: Qty.) The internal strobe light should have a durable and heat-resistant housing. The strobe light should have a minimum flashing energy of 2.5 Joules and a flashing frequency of 1 Hz. The strobe light should be visible even from a considerable distance. Its protection class should be min. IP44. The strobe lights shall be manufactured in compliance with the TS EN 54-23 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. Supply to the work site, and delivery in working order, including any minor material, of the strobe light.	1.553,44	323,44
35.415.1580	Internal electronic fire siren with strobe light (Unit: Qty.) The siren strobe light shall have a minimum sound volume of 100 db/1 mt. The strobe light siren should have a minimum flashing energy of 2.5 Joules and a flashing frequency of 1 Hz. The siren strobe light should be visible even from a considerable distance. Siren flasher's protection class should be min. IP 42. Supply, transportation to the work site, testing, and delivery in working order, including any minor material, of siren strobe lights manufactured in compliance with the TS EN 54-3 and TS EN 54-23 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union.	2.168,44	323,44
35.415.1590	External electronic fire siren (Unit: Qty.) The internal siren shall have a durable, heat-resistant, red housing and an aesthetic appearance. It shall have a minimum sound volume of 100 db/1 mt. The siren should be protected against moisture and coated to withstand aging. Its protection class should be min. IP65. The siren shall be manufactured in compliance with the TS EN 54-3 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. Supply to the work site, and delivery in working order, including any minor material, of the siren.	1.793,44	323,44
35.415.1600	External electronic fire siren with strobe light (Unit: Qty.) The internal siren strobe light should have a durable and heat-resistant housing. The siren strobe light shall have a minimum sound volume of 100 db/1 mt. The strobe light siren should have a minimum flashing energy of 2.5 Joules and a flashing frequency of 1 Hz. The siren strobe light should be visible even from a considerable distance and coated to withstand aging. Its protection class should be min. IP65. The siren strobe lights shall be manufactured in compliance with the TS EN 54-3 and TS EN 54-23 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. Supply to the work site, and delivery in working order, including any minor material, of the siren strobe light.	2.963,44	323,44
35.415.1610	Conventional external fire alarm button: (Unit: Qty.) Conventional fire buttons shall be activated by breaking the 0.1-mm plastic film-coated glass cover. Once the glass is broken, a microswitch that is normally leaned on the glass should release and change position, and remain in that position until the glass is replaced. It should be possible to test the button by a test switch without breaking the glass. Its protection class should be min. IP65. The buttons shall be manufactured in compliance with the TS EN 54-11 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. Supply to the work site, and delivery in working order, including any minor material, of the button.	1.385,44	323,44

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35.415.1620	Fire alarm detector kit for installation on suspended ceiling (Unit: Qty.) It shall be used for installation of conventional detectors or fire alarm detectors such as optical smoke, temperature, combined temperature and smoke detectors on any suspended ceiling types including rock wool, plasterboard, metal, etc. in order to prevent sagging or deformations and to ensure architectural integrity. The suspended ceiling unit where the detector sockets are to be installed shall be ABS and of the same color and material as the detectors. The unit shall be installed on the suspended ceiling material by fastening with min. two metal tabs. The metal tabs shall be made of stainless steel material and operate in screwing principle. No spring-loaded mechanisms shall be used. The suspended ceiling unit shall be manufactured by a manufacturer that is awarded ISO 9001 Quality Management System certificates.	530,44	323,44
35.415.1630	Detector flush mounting box (Unit: Qty.) Supply, transportation to the work site, testing and delivery, including any minor material, of installation boxes made of non-corrosive material by a manufacturer certified for compliance with the ISO 9001 Quality Management System for use in application of conventional or addressable fire detectors in weather-proof environments or surface-mounted installations.	533,44	323,44
35.415.1640	Internal electronic fire bell (Unit: Qty.) The internal electronic fire alarm bell shall have a low current consumption. The micro-motor unit of the bell shall be designed to reduce the effects of electromagnetic fields and radio frequencies. Its protection class should be min. IP 51. Supply, transportation to the work site, testing, and delivery in working order, including any minor material, of internal electronic fire alarm bell manufactured in compliance with the TS EN 54-3 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union.	1.412,44	323,44
35.415.2000	Conventional fire extinguishing control panel (Unit: Qty.) The conventional fire extinguishing control panel shall be compatible with the connections of conventional optical smoke detectors, fixed temperature detectors, temperature increase rate detectors, optical smoke and temperature detectors, flame detectors, conventional internal and external fire alarm buttons, audible and visual alarm devices, and start extinguishing and stop extinguishing buttons. A three-state (automatic, manual, off) switch for fire extinguishing should be available on the conventional fire extinction control panel. In case of fire, only the fire alarm should activate if the alarm is issued by only one zone. If the alarm is issued by two zones, the extinguishing outlet should activate. The extinguishing outlet should be assigned a period of delay. A "start extinguishing" button should be available to start extinguishing and a "stop extinguishing" button should be available to pause or stop extinguishing. As standard, the fire extinction control panel should be equipped with min. 1 output for audible alarm as well as alarm and failure outputs for sending signals to a nearby fire station, a remote firefighting center or a fire lookout station. The conventional fire extinguishing control panel should continuously keep all lines entering the detection, extinction and alarm devices under control against such failures as broken lines, short circuit or removal of the devices on the line. The fire extinguishing control panel should have a master fire alarm and failure lamp, and individual alarm and failure lamps for each fire zone as well as local audible alarm component. The audible and visual alarm devices should operate intermittently during the countdown for extinguishing and continuously during the extinguishing operation. The control panel shall be equipped with a locking mechanism to prevent unauthorized access. The control panel shall be equipped with an internal memory that is capable of storing min. 500 events even in case of a power outage. It shall be possible to transfer the events kept in the memory to a computer or a printer. In case of mains power outage, the fire alarm system shall continue to perform detection functions for min. 24 hours, and be equipped with enclosed, sealed, maintenance-free accumulators to ensure that the functions of alarm, control and communication remain enabled for min. 30 minutes at the end of the said period. The control panel shall be earthed for max. 5 ohm independently. The control panel shall be manufactured in compliance with the TS EN 54-2, TS EN 54-4 and TS EN 12094-1 standards, the Regulation (EU) No. 305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. Supply, installation, and delivery in working order, including any minor material and labor, of a conventional fire control panel as described in the relevant technical specifications.		
35.415.2001	2 detection circuits and 1 extinction circuit	30.631,25	7.381,25
35.415.2002	3 detection circuits and 1 extinction circuit	32.921,25	9.131,25
35.415.2003	4 detection circuits and 1 extinction circuit	42.805,00	12.175,00

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35.415.2004	4 detection circuits and 2 extinction circuits	52.505,00	13.925,00
35.415.2050	Start extinguishing button (Unit: Qty.) Start extinguishing buttons should activate once the flexible, unbreakable glass and the button are pressed, and remain in that state until the button is reset by a switch. Fire alarm buttons should be yellow to be easily distinguishable and bear a word of alarm. The button shall be manufactured in compliance with the TS EN 12094-3 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. Supply, installation, connection to fire alarm outlet lines, and delivery in working order, including any minor material and labor, of start extinguishing buttons.	1.103,44	323,44
35.415.2060	Stop (pause) extinguishing button (Unit: Qty.) Stop extinguishing buttons should activate once the flexible, unbreakable glass and the button are pressed, and remain active as long as the button is pressed. Fire alarm buttons should be blue to be easily distinguishable and bear a word of warning. The button shall be manufactured in compliance with the TS EN 12094-3 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. Supply, installation, connection to fire alarm outlet lines, and delivery in working order, including any minor material and labor, of stop extinguishing buttons.	1.103,44	323,44
35.417.0000	FIBER OPTIC HEAT DETECTION SYSTEM		
35.417.1000	Smart analogue linear fiber optic heat detection cable control unit: (Unit: Qty.) Supply, transportation to the work site, including any minor material, testing and delivering in working order of a detector, distribution, termination and connection boxes. The system uses an optical time domain reflectometer (OTDR) and Raman amplification. It will detect changes in temperature during a fire with a 1 °C margin of error. It will then inform the user about these temperature changes, alarms and malfunctions within a minimum 8 km area with a 1 km margin of error. It can integrate with communication modules, and inform the user about control unit and sensor errors or downed electrical wires. It can cover an area up to 20,000 meters by connecting with fiber optic cables through one-, two- or four-channel options. It can define minimum 250 or 500 virtual fire zones, depending on its coverage area. It has minimum 40 dry contact outputs, and therefore can send fire zone information to the fire alarm control panel. It can send information to Scada systems with ModBus RS485 or ModBus TCP/IP outputs. It can ascribe special alarm threshold values by defining a rate of increase and a fixed temperature value for each virtual fire zone. It offers pre-alarm settings and password protection. It does not contain a cooling fan unit, and can continue to operate, detect fire and activate alarms even when fiber optic cables break. It uses an external 24 VDC (SMPS) switched-mode power supply. It must be released with an internationally-valid Approval Certificate based on TS EN 54-22 standard, and with a Declaration of Performance by the manufacturer.		
35.417.1001	1-channel, 1x1000 m coverage area	948.685,50	8.837,50
35.417.1002	2-channel, 2x1000 m coverage area	1.008.427,38	10.859,38
35.417.1003	4-channel, 4x1000 m coverage area	1.096.189,25	11.131,25
35.417.1004	1-channel, 1x2000 m coverage area	1.074.490,50	9.712,50
35.417.1005	2-channel, 2x2000 m coverage area	1.110.962,38	11.734,38
35.417.1006	4-channel, 4x2000 m coverage area	1.183.774,25	12.006,25
35.417.1007	1-channel, 1x4000 m coverage area	1.320.415,50	10.587,50
35.417.1008	2-channel, 2x4000 m coverage area	1.510.157,38	12.609,38
35.417.1009	4-channel, 4x4000 m coverage area	1.698.279,25	12.881,25
35.417.1010	1-channel, 1x6000 m coverage area	1.817.500,50	11.462,50
35.417.1011	2-channel, 2x6000 m coverage area	2.016.212,38	13.484,38
35.417.1012	4-channel, 4x6000 m coverage area	2.213.824,25	13.756,25
35.417.1013	1-channel, 1x8000 m coverage area	2.116.205,50	12.337,50
35.417.1014	2-channel, 2x8000 m coverage area	2.123.297,38	14.359,38
35.417.1015	4-channel, 4x8000 m coverage area	2.312.329,25	14.631,25
35.417.1016	1-channel, 1x10,000 m coverage area	2.333.270,50	13.212,50

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.417.1017	2-channel, 2x10,000 m coverage area	2.321.642,38	15.234,38
35.417.1018	4-channel, 4x10,000 m coverage area	2.510.769,25	16.381,25
35.417.1200	Plastic linear fiber optic cable standard temperature sensor: (Unit: Qty.) Supply, transportation to site including all minor materials, testing, and delivery in working order of a halogen-free, flame-retardant LSZH thermoplastic fiber optic sensor cable comprising two multimode fibers (50/125 µm or 62.5/125 µm) resistant to environmental effects and flexible in structure, with an outer diameter of 4 mm, a minimum crushing strength of 100 N/cm, a minimum tensile strength of 500 N, and an operating temperature range from -30 °C to +80 °C. The cable shall be directly connectable via pigtails to the control unit (Unit Price No. 35.417.1000), manufactured in compliance with TS EN 54-22, IEC 60331-25, IEC 62032-1/2/3-24, and EN 18700 standards, and accompanied by the manufacturer's Declaration of Performance.	117,08	64,69
35.417.1300	Linear fiber optic cable temperature sensor in a steel pipe: (Unit: m) Supply, transportation to the work site, including any minor material, testing and delivery in working order of the fiber optic sensor cable. The steel pipe will include two MultiMode 50/125 µm or 62.5/125 µm fibers. It will be resistant against outdoor conditions and external impacts. It will have an external diameter of 4 mm, and operate in temperatures between -40 °C and 85 °C. It will be directly connected to the control unit with the Unit Price No. 35.417.1000 via pigtails. It will be manufactured in accordance with TS EN 54-22, IEC 60332-3, IEC 60331-25, IEC 620332-1/2/3-24, EN18700 standards, and must be accompanied by a Declaration of Performance by the manufacturer.	296,45	189,94
35.420.0000	GAS CONTROL SYSTEMS		
35.420.1000	Addressable Combined CO-NO-NO2 Gas Control Panel (Unit: Qty.) The device shall offer an alarm threshold level and gas alarm zones that comply with the standards of the combined gas control panels which are used in indoor parks and tunnels, operate concurrently with CO (carbon monoxide), NO (nitrogen oxide), NO2 (nitrogen dioxide) gas detectors, and control electromechanical jet fan or gas/smoke discharge systems for detecting and discharging gases. The panel shall be equipped with central error and gas alarm relay outputs as well as relay outputs for each zone at each detection level. It shall be included in the gas discharge automation by relay output required for each zone. It shall allow monitoring and directing of the operating status data on its integrated display. It shall be possible to make the necessary settings and configurations using the Turkish menu. The gas control panel shall always check all lines entering the detection and alarm devices against such problems as broken lines, short circuits and removal of the devices on the line. The control panel can be switched to the alarm state, the alarm state can be canceled and the system can be reset using the remote control inputs of the control panel. The gas alarm system shall continue to perform its functions for min. 24 hours in case of mains power outage, be equipped with enclosed, sealed, maintenance-free accumulators to ensure that the functions of alarm, control and communication remain enabled for min. 30 minutes at the end of the said period, and powered by a power supply manufactured in compliance with the TS EN 54-4 standard and Regulation (EU) No.305/2011 Construction Products - CPR. The panel shall be in compliance with the 2014/35/EU Low Voltage Directive and TS EN 50545-1 standard, released with the CE marking, and the manufacturer shall be certified for a declaration of performance. The panel shall be supplied, transported to the work site, installed, connected, tested and adjusted, including any material and labor.		
35.420.1001	1-cycle	33.027,50	6.087,50
35.420.1002	2-cycle	42.377,50	9.587,50
35.420.1050	Addressable electrochemical carbon monoxide (CO) gas detector (Unit: Qty.) Transportation to the work site, installation, connection to gas alarm outlet lines, testing and adjustment, and delivery in working order, including any material and labor, of the device that operates by connecting to the gas control panel, has a carbon monoxide measuring range of 0 to 300 ppm, a supply voltage of 24 V DC, a sensor lifecycle of min. 2 years, an operation indicator LED, which is in compliance with TS EN 50545-1, manufactured by a company certified for compliance with the ISO 9001 Quality Management System, released with the CE marking and certified with the manufacturer's declaration of performance.	4.756,88	646,88
35.420.1100	Addressable Nitrogen Dioxide (NO2) gas detector (Unit: Qty.) Transportation to the work site, installation, connection to gas alarm outlet lines, testing and adjustment, and delivery in working order, including any material and labor, of the device that operates by connecting to the gas control panel, has a nitrogen dioxide measuring range of 0 to 30 ppm, a supply voltage of 24 V DC, a sensor lifecycle of min. 2 years, an operation indicator LED, which is in compliance with TS EN 50545-1, manufactured by a company certified for compliance with the ISO 9001 Quality Management System, released with the CE marking and certified with the manufacturer's declaration of performance. in case of compensation failures.	9.859,88	646,88

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.420.1150	Addressable LPG - Natural Gas (Methane - CH₄) gas panel (Unit: Qty.) The device shall offer an alarm threshold level and gas alarm zones that comply with the standards of conventional combined gas control panels, operate concurrently with gas detectors that detect explosive gases, LPG and Natural Gas (Methane-CH ₄), and control electromechanical jet fan or gas/smoke discharge systems for detecting and discharging gases. The panel shall be equipped with central error and gas alarm relay outputs as well as relay outputs for each zone at each detection level. It shall be included in the gas discharge automation by relay output required for each zone. It shall allow monitoring and directing of the operating status data on its integrated display. It shall be possible to make the necessary settings and configurations using the Turkish menu. This menu shall allow to perform such functions as selecting locked or unlocked gas alarms, assigning input delay to the zones, assigning output delays to the sirens, testing the zones, disabling error relays, alarm zones and internal sirens, and monitoring the status of such actions. Access levels shall be password-protected. The gas control panel shall continuously keep all lines entering the detection and alarm devices under control against such failures as broken lines, short circuit or removal of the devices on the line. The control panel shall be able to start, cancel alarms and reset the system by means of its remote control inputs. The gas alarm system shall continue to perform its functions for min. 24 hours in case of mains power outage, be equipped with enclosed, sealed, maintenance-free accumulators to ensure that the functions of alarm, control and communication remain enabled for min. 30 minutes at the end of the said period, and powered by a power supply manufactured in compliance with the TS EN 54-4 standard and Regulation (EU) No.305/2011 Construction Products - CPR. The panel shall be in compliance with the 2014/35/EU Low Voltage Directive, released with the CE marking, and the manufacturer shall be certified for a declaration of performance. The panel shall be supplied, transported to the work site, installed, connected, tested and adjusted, including any material and labor.	35.727,50	6.087,50
35.420.1200	Addressable LPG gas detectors (Unit: Qty.) It shall detect LPG and once the gas level has reached 20% of LEL (lower explosion limit), it shall sound an 85-dB alarm. The addressable explosive gas detector shall be controlled by a microprocessor. Minimum three LEDs shall be available on the detector for visibility from a distance. It shall indicate whether the system is online, or in alarm or error state. Function tests of the LEDs and the internal siren shall be run by the test button on the detector. The detector shall operate by external 24 V DC supply voltage. It shall be powered by a 24 V DC switching-mode power supply (SMPS) described in the item 35.410.6000 (The battery and SMPS are not included in the unit price). Supply, transportation to the work site, testing and delivery, including any minor material, of the detector manufactured per TS EN 50194-1, released with the CE marking, and certified with the manufacturer's declaration of performance.	3.304,88	646,88
35.420.1250	LPG gas detectors (Unit: Qty.) The detector shall sound an 85-dB alarm if 20% LEL (lower explosion limit) of LPG is detected, automatically restore to the normal running state once the level of LPG in the environment has dropped below the lower explosion limit, and be equipped with min. 3 LEDs for visibility from a distance. It shall indicate whether the system is online, or in alarm or error state. Function tests of the LEDs and the internal siren shall be run by the test button on the detector. Supply, transportation to the work site, installation, connection to the gas alarm outlet lines, testing and adjustment, and delivery in working order, including any material and labor, of a detector with 220 V AC or 24 V DC supply voltage, in compliance with TS EN 50194-1 and released with the CE marking. If the device is used as 24 V DC, a switch-mode power supply (SMPS) unit with the item number 35.410.6000 shall be used and the power supply shall not be included in the unit price.	2.776,88	646,88
35.420.1300	Addressable natural gas detectors (Unit: Qty.) It shall detect natural gas and once the gas level has reached 20% of LEL (lower explosion limit), it shall sound an 85-dB alarm. The addressable natural gas detector shall be controlled by a microprocessor. Minimum three LEDs shall be available on the detector for visibility from a distance. It shall indicate whether the system is online, or in alarm or error state. Function tests of the LEDs and the internal siren shall be run by the test button on the detector. The detector shall operate by external 24 V DC supply voltage. The module shall be powered by a 24 V DC switching-mode power supply (SMPS) described in the item 35.410.6000 (The battery and SMPS are not included in the unit price). Supply, transportation to the work site, testing and delivery, including any minor material, of the detector manufactured per TS EN	3.304,88	646,88

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	50194-1, released with the CE marking, and certified with the manufacturer's declaration of performance.		
35.420.1350	Natural gas detectors (Unit: Qty.) It shall detect natural gas and sound an 85-db alarm. Minimum three LEDs shall be available on the detector for visibility from a distance, and indicate if the system is on-line or in alarm or error state. It shall be possible to test the functionality of the LEDs and the internal siren on the detector. It shall operate with a supply voltage of 220 V AC or 12/24 V DC. The module shall be powered by a 24 V DC switching-mode power supply (SMPS) described in the item 35.410.6000 (The battery and SMPS are not included in the unit price). Supply, transportation to the work site, testing and delivery, including any minor material, of the detector manufactured per TS EN 50194-1, released with the CE marking, and certified with the manufacturer's declaration of performance.	2.776,88	646,88
35.420.1400	Addressable carbon monoxide gas detector (Unit: Qty.) It shall detect carbon monoxide and alarm at two different levels of gas. The first alarm shall sound at 100 ppm, and the second alarm at 200 ppm. The alarm volume shall be 85 dB. The module shall be equipped with a dry-contact output for each alarm level. The addressable carbon monoxide gas detector shall be controlled by a microprocessor. Minimum three LEDs shall be available on the detector for visibility from a distance. It shall indicate whether the system is online, or in alarm or error state. Function tests of the LEDs and the internal siren shall be run by the test button on the detector. The detector shall operate by external 24 V DC supply voltage. It shall be powered by a 24 V DC switch-mode power supply (SMPS). (The battery and SMPS are not included in the unit price). It shall be connected to the cycle cable of a smart, analogue, addressable cycle cable. Supply, transportation to the work site, and delivery in working order, of a detector manufactured by a company that complies with the TS EN 50291-1 standard and is awarded ISO 9001 Quality Management System certificates.	5.494,88	646,88
35.420.1450	Carbon monoxide gas detector (Unit: Qty.) It shall detect carbon monoxide and sound a 85-db alarm. Minimum three LEDs shall be available on the detector for visibility from a distance, and indicate if the system is on-line or in alarm or error state. It shall be possible to test the functionality of the LEDs and the internal siren on the detector. It shall operate with a supply voltage of 220 V AC or 12/24 V DC. The module shall be powered by a 24 V DC switching-mode power supply (SMPS) described in the item 35.420.1450 (The battery and SMPS are not included in the unit price). Supply, transportation to the work site, testing and delivery, including any minor material, of the detector manufactured per TS EN 50291-1, released with the CE marking, and certified with the manufacturer's declaration of performance.	5.286,38	646,88
35.420.2000	Industrial combined gas alarm control panel (Unit: Qty.) The industrial gas control panel should be designed to assess the measurements received from the gas detectors and sound an alarm. The panel's capacity should be scalable. The fire detection system shall include both a standard detector line output and a detector line output protected by a zener barrier, in case the detectors are installed in hazardous zones with explosion risk. The industrial gas control panel should be equipped with a backlight, alphanumeric, large LCD display that indicates system details, detector locations and all gas levels simultaneously. It should indicate the type of measurement (ppm, %LEL, %VOL) on the same display depending on the type of the gas detector. It should be equipped with buttons for all system processes and maintenance functions, warning lights for alarm and fault details, and a min. 85-dB internal siren. The gas ducts should be adjustable for alarming at two different levels (high and low). Low and high alarm relay and error relay outputs should be available for each duct. Depending on the gas level on the gas detector, 4 - 20 mA or 1-5 V analog outputs should be available for each gas duct. A RS485 Modbus output should be available for monitoring and control through DCS/SCADA/PLC systems. The industrial type should keep the latest events indicating the alarms, errors and system interventions in its memory. Its software should give access the records on the memory from any computer. The control panel should be resettable from an external location by a switch. The device should be of IP54 protection class. The panel should issue a warning when calibration is required and all inputs and outputs should be tested easily at the push of a button. The industrial combined gas alarm control panel shall be manufactured in compliance with the standards TS EN 50270 and TS EN 61010-1, and 2014/35/EU Low Voltage Directive (LVD), and released with the CE marking. Supply, transportation to the work site, testing and delivery in working order, including any minor material, of industrial combined gas alarm control panels.		

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.420.2001	1 duct	101.192,50	9.587,50
35.420.2002	2 ducts	111.462,50	11.337,50
35.420.2003	3 ducts	121.627,50	13.087,50
35.420.2004	4 ducts	132.747,50	16.587,50
35.420.2050	Flame-proof infrared (IR) gas detector (Unit: Qty.) Flame-proof infrared (IR) gas detector shall detect hydrocarbon gases by absorption of infrared light, and explosive gases should be detected at 0 to 100% LEL. Instant reaction time should be shorter than 3 seconds at T90 and repeatability should be max. 2% FSD. The housing of the flame-proof infrared (IR) gas detector should be coated with LM aluminum alloy and polyester powder. The detector should operate perfectly up to 90% blockage. It should be able to issue a drift warning if the optical (mirror) assembly gets 75% dirty. The system should be equipped with a heating component to prevent evaporation. Calibration by a single person should be possible by an infrared output and intrinsically safe connection where there is a hazard of explosion. The detector should have RS-485 and 4/20 mA signal outputs for communication. Light indicators on the flame-proof, infrared (IR) gas detector should indicate normal operation, error and gas alarm states by different colors (green, yellow, red) of lights. The MTBF (mean time between failures) should be min. 10 years. Min. IP66 protection class should be offered. It should be possible to connect the item to the combined gas alarm control panel. It should fulfill the flame-proof infrared (IR) gas detector standards. It should be in compliance with the Directive of Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres (2014/34/EU), the Electromagnetic Compatibility Directive 2014/30/EU, the TS EN 60079-0 standard, certified for EEx d II C T6 approvals, manufactured in compliance with the standards TS EN 50270, and TS EN 61000-6-4 on RF emission, bearing the manufacturer's declaration of performance and the CE marking. Supply to the work site, and delivery in working order, including any minor material, of flame-proof infrared (IR) gas detectors.	76.356,88	4.146,88
35.420.2100	Flame-proof infrared (IR) flame detector (Unit: Qty.) The flame-proof infrared (IR) flame detector should be designed to detect flame and respond quickly, and to be unaffected by the impurities, grease and dust in the environment where it is used. The flame-proof IR flame detector should be equipped with 3 IR sensors and check the information received from those 3 sensors to eliminate the risk of false alarm. The flame-proof IR flame detector should give a signal within max. 2 seconds if a flame start to burn in the relevant area, and it should be designed to set this delay up to 30 seconds upon the user's request. The flame-proof IR flame detector should detect sudden flashes of flame in 90° vertical and 90° horizontal axes. The IR flame detector should have 4-20 mA output. It should give normal status, error and alarm information with this output. It must be able to provide information on alarms, malfunctions and impurities via contact outputs. It must have 2A alarm and error relay contact at 30 VDC or 5A at 250 VAC. The MTBF (mean time between failures) should be min. 100,000 hours. The device should be of IP66 protection class or above. It should be connected to the industrial combined gas alarm control panel, and to the addressable fire alarm control panel through the intrinsically-safe zone control module. The flame-proof infrared (IR) flame detector should fulfill the standards of FM, NFPA, class I Div. 1 Groups B, C & D, NFPA class II Div. 1 Groups E, F & G and CENELEC EExd II B TS. It shall be manufactured by a manufacturer that is awarded ISO 9001 Quality Management System certificates. Supply, transportation to the work site, testing, and delivery in working order, including any minor material, of flame-proof infrared (IR) flame detectors manufactured in compliance with the TS EN 54-10 standard, the Regulation (EU) No. 305/2011 Construction Products, and released with a CE marking, with a Declaration of Performance by the manufacturer and a Performance Stability Certificate issued by an organization accredited by the European Union.	102.996,88	4.146,88
35.420.2150	Automatic gas and power cutoff device that detects earthquakes (Unit: Qty.) Supply, transportation to the work site, connection, and delivery in working order, including any material and labor, of a device in compliance with TS 12884 and bearing the CE marking, with microprocessor control and overload protection relay outputs, sensors that monitor momentum in two axes, and a rechargeable battery and charging circuit that gives audible and visible warnings and supplies power to the system during a power outage of min. 24 hours, which detects the seismic motions with the momentum specified in TS standards during an earthquake and generate control signals to automatically cut off the building's power supply as well as the gas supply lines of the devices that burn combustible and flammable gases such as natural gas / LPG, disables power generators and prevents them from automatically stepping in during a power outage, switches elevators to the emergency mode, makes them stop on the nearest floor and open their doors to ensure quick evacuation, automatically disables other	7.196,88	2.396,88

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	electric devices that may be hazardous during an earthquake, minimizes post-earthquake damages, tests itself when powered or reset, is not affected by small shocks that are not caused by earthquakes, allows monitoring of operation and failure on the device (by means of LEDs/displays/LCD screens, etc.), and operates in coordination with the existing security systems and sensors installed in the building. NOTE: The electric solenoid valve to be used for cutting off gas shall be paid separately per the relevant items.		
35.430.0000	EMERGENCY PUBLIC ADDRESS SYSTEMS		
35.430.1000	Emergency Digital Public Address System Control Unit: (Unit: Qty.) The system control unit should operate with digital signal processing technology and communicate on the network. It should allow the systems of different buildings to be controlled from a single location and operate as a single system. The system control unit should supervise all speaker lines against short and open circuit problems. The system control unit should be able to make announcements to minimum 8 zones and be scalable to min. 200 zones by means of additional units. It should be able to record messages in CD quality and have a monitorable memory. It should be possible to assign priority to announcements. It should have min. 8 contact inputs for emergency and automatic announcements with the ability to broadcast messages alternately with each of them. A hand-held microphone should be available on the control unit for use during emergency. It should be possible to connect minimum 4 public address microphones to the system. The cable distance between the public address microphones and the center should be extendable to 300 meters. The system control unit should have a monitorable 24 V DC trigger output for each zone. Local audio setting units should be turned on using these outputs even if they are turned off. The control unit shall be powered by a power supply that fulfill the technical specifications provided in the item 35.430.1330 and comply with TS EN 54-4. The power supply shall not be included in the unit price. System control unit equipment shall be manufactured in compliance with the TS EN 54-16 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. Supply to the work site, installation, testing and delivery, including any minor material, of an emergency digital public address system control unit including expansion units for more than 8 zones.		
35.430.1001	Emergency public address system control unit, min. 8 zones	102.079,50	6.087,50
35.430.1002	Emergency public address system control unit, min. 16 zones	117.862,25	10.131,25
35.430.1003	Emergency public address system control unit, min. 24 zones	177.012,13	14.278,13
35.430.1004	Emergency public address system control unit, min. 32 zones	192.911,00	18.425,00
35.430.1005	Emergency public address system control unit, min. 40 zones	252.009,75	22.468,75
35.430.1100	Emergency Digital Public Address Call Station: (Unit: Qty.) The Emergency Public Address Call Station should be desktop type and used to address desired zones. Priority levels, and pre-announcement and post-announcement warning tones of the Emergency Public Address Call Station shall be customizable. The emergency public address station shall be controlled by buttons or a touch screen. The emergency public address station shall be manufactured in compliance with the TS EN 54-16 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union. Supply to the work site installation, and delivery in working order, including any minor material, of the digital emergency public address station.		
35.430.1101	Emergency digital public address call station, min. 8 zones	35.016,88	4.146,88
35.430.1102	Emergency digital public address call station, min. 16 zones	38.652,81	7.782,81
35.430.1103	Emergency digital public address call station, min. 24 zones	42.337,38	11.439,38
35.430.1104	Emergency digital public address call station, min. 32 zones	45.965,94	15.095,94
35.430.1105	Emergency digital public address call station, min. 40 zones	49.601,88	18.731,88
35.430.1200	Power Amplifiers: (Unit: Qty.) Power Amplifiers shall be determined according to the relevant power requirement, and comply with the 19" rack installation standard. A temperature-controlled fan should be available on the amplifier. The amplifier should be protected against short circuit and overload. The amplifier should be equipped with a 70 V in addition to 100 V power output. The power amplifiers shall be powered by a power supply that fulfill the technical specifications provided in the item 35.430.1330 and comply with TS EN 54-4. The power supply shall not be included in the unit price. Supply to the work site, installation, and delivery in working order, including any minor material and testing, of Power amplifiers shall be manufactured in compliance with the TS EN 54-16 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and		

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	Performance Stability Certificate issued by an organization accredited by the European Union.		
35.430.1201	120 W (rms) Power Amplifier	20.027,63	1.190,63
35.430.1202	240 W (rms) Power Amplifier	34.457,63	1.190,63
35.430.1203	300 W (rms) Power Amplifier	36.758,63	1.190,63
35.430.1204	400 W (rms) Power Amplifier	38.188,63	1.190,63
35.430.1205	500 W (rms) Power Amplifier	39.085,63	1.190,63
35.430.1206	4 x 125 W (rms) Power Amplifier	47.299,38	1.734,38
35.430.1207	2 x 500 W (rms) Power Amplifier	65.513,50	1.462,50
35.430.1215	4x250 W (rms) Power Amplifier	97.803,08	1.734,38
35.430.1220	4x300 W (rms) Power Amplifier	108.477,38	1.734,38
35.430.1225	4x500 W (rms) Power Amplifier	119.151,68	1.734,38
35.430.1300	Remote Controllers and Firefighter Panel for the Emergency Public Address System: (Unit: Qty.) Remote controller equipment shall be used to transfer the front and back sides of controllers and routers to a remote location. It should be possible to enter and confirm an emergency, troubleshoot, and reset an emergency on the firefighter panel. It should be possible to connect the remote control panels and firefighter panel to the controllers and routers at the system center by a CAT-5 cable. The power amplifiers shall be powered by a power supply that fulfill the technical specifications provided in the item 35.430.1330 and comply with TS EN 54-4. The power supply shall not be included in the unit price. Transportation to the work site, installation, testing, and delivery in working order, including any minor material, of emergency public address system remote controllers and firefighter panel manufactured in compliance with the TS EN 54-16 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union.	26.572,38	3.484,38
35.430.1310	Ceiling Speaker (surface-mounted): (Unit: Qty.) The speaker should be equipped with a transformer and can be driven by 6 W, 3 W, 1.5 W and 0.75 W. A support box to be mounted on the back of the speaker should protect the speaker from dust and dripping water. The Ceiling Speaker should be in compliance with TS EN 54-24 and released with the CE marking. The speaker should be equipped with a threaded terminal block, a thermal fuse and a heat-resistant high-temperature connection. Maximum power shall be min. 9 W (nominal 6/3/1.5/0.75). The sound pressure at 6 W shall be min. 90 dB which shall be expressly declared by the manufacturer in the product data sheet. Transportation to the work site, installation, testing, and delivery in working order, including any minor material, of ceiling speakers manufactured in compliance with the TS EN 54-24 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union.	1.483,04	323,44
35.430.1315	Ceiling Speaker (flush-mounted): (Unit: Qty.) The speaker should be equipped with a transformer and can be driven by 6 W, 3 W, 1.5 W and 0.75 W. A support box to be mounted on the back of the speaker should protect the speaker from dust and dripping water. The Ceiling Speaker should be in compliance with TS EN 54-24 and released with the CE marking. The speaker should be equipped with a threaded terminal block, a thermal fuse and a heat-resistant high-temperature connection. Maximum power shall be min. 9 W (nominal 6/3/1.5/0.75). The sound pressure at 6 W shall be min. 90 dB which shall be expressly declared by the manufacturer in the product data sheet. Transportation to the work site, installation, testing, and delivery in working order, including any minor material, of ceiling speakers manufactured in compliance with the TS EN 54-24 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union.	1.359,54	323,44
35.430.1320	Wall Speaker: (Unit: Qty.) The speaker should be equipped with a transformer and can be driven by 6 W, 3 W, 1.5 W and 0.75 W. The speaker should be made of a metallic or ABS material. The sound pressure at 6 W shall be min. 90 dB which shall be expressly declared by the manufacturer in the product data sheet. Transportation to the work site, installation, testing, and delivery in working order, including any minor material, of wall speakers manufactured in compliance with the TS EN 54-24 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance	1.933,58	459,38

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	Stability Certificate issued by an organization accredited by the European Union.		
35.430.1325	Projector Speaker: (Unit: Qty.) The speaker should be equipped with a transformer and can be driven by 20 W, 10 W, 5 W and 2.5 W. The speaker should be made of a metallic or ABS material. It must have a protection class of IP65 against water and dust. The sound pressure at 20 W shall be min. 100 dB which shall be expressly declared by the manufacturer in the product data sheet. Transportation to the work site, installation, testing, and delivery in working order, including any minor material, of wall speakers manufactured in compliance with the TS EN 54-24 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union.	3.542,71	459,38
35.430.1328	Horn Speaker: (Unit: Qty.) The speaker should be equipped with a transformer and can be driven by at least 25 W, 12.5 W and 6.25 W. The speaker should be made of a aluminum material. It must have a protection class of IP65 against water and dust. The sound pressure at 25 W shall be min. 100 dB which shall be expressly declared by the manufacturer in the product data sheet. Transportation to the work site, installation, testing, and delivery in working order, including any minor material, of wall speakers manufactured in compliance with the TS EN 54-24 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union.	5.085,81	459,38
35.430.1330	Power supply unit: (Unit: Qty.) (TS EN 54-4) The power supply unit shall have the voltage required for the device that it will power and the output power specified in the relevant item. The power supply unit shall continuously check itself and be able to detect such errors as earthing, battery, fuse and 220 V AC mains supply outages or fuse malfunctions. It shall be equipped with a dry-contact relay that reports errors as well as overcurrent, short circuit protection and automatic fuse protection. The power supply shall check the presence of a battery, charging cycle time and low voltage status of the battery and report errors. To ensure longevity of the batteries used in the power supply; the battery temperature shall be measured by a thermistor and battery charging current shall be set automatically. Supply, transportation to the work site, testing, and delivery in working order, including any minor material, of power supply units including batteries manufactured in compliance with the TS EN 54-4 standard, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, with the manufacturer awarded a declaration of performance and Performance Stability Certificate issued by an organization accredited by the European Union.		
35.430.1331	Power supply unit; 55 Ah	57.175,75	3.043,75
35.430.1332	Power supply unit; 100 Ah	59.559,63	5.440,63
	EMERGENCY LIGHTING FIXTURES		
35.440.2000	Emergency LED lighting fixture (Unit: Qty.) Supply, transportation to the work site and installation of emergency lighting fixtures with special profile made of iron sheet, LED light source, with the ones that activate in case of power outage automatically stepping in during mains voltage outage, and the continuously active ones being active when the mains voltage is available and connected by a special, slip-in socket that automatically steps in and provides light as long as the determined emergency operating time in case of mains voltage outage, including a dry-type, high-temperature-resistant, maintenance-free nickel cadmium battery that can run continuously at 70 °C, battery charge and transfer circuit, battery low voltage and over-discharge protection circuits, battery charge lamps and matte or transparent plexiglass; which shall be manufactured to comply with the Regulation on the Management of Waste Electric and Electronic Goods, the standards TS EN 60598-2-22, TS ISO 3864-1/2, TS EN ISO 7010, TS EN 60598-1, TS EN 60598-2-22, TS EN 1838 and TS EN 50172, 2014/35/EU Low Voltage Directive, and the Directive on the Protection of Buildings From Fire, and released with the CE marking.		
35.440.2001	Surface-mounted emergency lighting fixture that operates for an hour in case of outage (LED, provides min. 130 lm of light for 1 hour)	2.097,84	323,44
35.440.2002	Surface-mounted emergency lighting fixture that operates for 3 hours in case of outage (LED, provides min. 130 lm of light for 3 hours)	2.209,84	323,44
35.440.2003	Flush-mounted emergency lighting fixture that operates for an hour in case of outage (LED, provides min. 130 lm of light for 1 hour)	2.257,84	323,44
35.440.2004	Flush-mounted emergency lighting fixture that operates for 3 hours in case of outage (LED, provides min. 130 lm of light for 3 hours)	2.385,84	323,44

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.440.2005	Surface-mounted emergency lighting fixture with 1-hour timer that operates continuously (LED, provides min. 130 lm of light for 1 hour)	2.193,84	323,44
35.440.2006	Surface-mounted emergency lighting fixture with 3-hour timer that operates continuously (LED, provides min. 130 lm of light for 3 hours)	2.321,84	323,44
35.440.2007	Flush-mounted emergency lighting fixture with 1-hour timer that operates continuously (LED, provides min. 130 lm of light for 1 hour)	2.545,84	323,44
35.440.2008	Flush-mounted emergency lighting fixture with 3-hour timer that operates continuously (LED, provides min. 130 lm of light for 3 hours)	2.305,84	323,44
35.440.2100	Emergency LED directional lighting fixture: (Unit: Qty.) Supply, transportation to the work site, and installation, of a single-side or double-side directional fixture complying with the standards related to color and sign formats, the Regulation on the Management of Waste Electric and Electronic Goods, the Regulation on Fire Protection of Buildings, the standards TS ISO 3864-1 /2 , TS ISO 7010, TS EN 1838, TS EN 60598-1, TS EN 50172, and TS EN 60598-2-22, and 2014/35/EU Low Voltage Directive, and released with the CE marking.		
35.440.2101	Emergency directional light fixture (with LED) with a single side, which operates for 1 hours in case of a power outage.	1.635,14	323,44
35.440.2102	Emergency directional light fixture (with LED) with a single side, which operates for 3 hours in case of a power outage.	1.882,14	323,44
35.440.2103	Emergency directional light fixture (with LED) with two sides, which operates for 1 hours in case of a power outage.	1.687,14	323,44
35.440.2104	Emergency directional light fixture (with LED) with two sides, which operates for 3 hours in case of a power outage.	1.882,14	323,44
35.440.2200	Emergency Lighting Fixtures (portable) (Unit: Qty.) Supply to the work site and delivery in working order of a standalone and portable lighting fixture for emergency use and in compliance with TS EN 60598-2-22, with an operating temperature range of 0 to 40 °C, min. IP40 protection class, and a capacity to provide illumination for the specified period, which shall be equipped with a sealed, dry-type, fully maintenance-free, lead-acid battery, a charging circuit, supply voltage controller and lamp driver circuit		
35.440.2201	2 x 9 W, LED, 3 hours of operation	4.000,00	
35.440.2202	2 x 15 W, LED, 3 hours of operation	4.900,00	
35.445.1000	IP CAMERA SYSTEMS		
35.445.1100	Outdoor Bullet Camera, Type 1: (Unit: Qty.) A minimum 2-MP, high-resolution, color, black/white IP bullet camera with day/night function shall have a minimum 1/3" CMOS sensor and progressive scan. The camera shall have minimum 30-meter night vision, mechanical IR filter and true Day/Night functionality. For both color and black-and-white modes, the resolution shall not be less than Full HD (1920×1080 pixels), and each video stream shall provide a frame rate of not less than 25 or 30 frames per second. The camera shall be equipped with a motorized lens adjustable between 3.2 mm and 9 mm. The camera shall be equipped with automatic backfocus functionality (auto-focus, remote focus). The camera shall support H.265, H.264 and MJPEG image compression formats. The camera shall support 120 dB WDR (Wide Dynamic Range), ROI, 3D-DNR and BLC as minimum. The camera shall have minimum IP66 protection as per TS EN 60529 and minimum IK10 mechanical strength as per TS EN 62262. It shall have Power over Ethernet (PoE or PoE+) at IEEE 802.3af or IEEE 802.3at standards. It shall also have 12/24-Volt DC external power supply. The camera shall have a metal housing. Supply, transportation to the work site and installation in working order, including any material and labor, of the camera which shall be released with a CE marking in accordance with the Electromagnetic Compatibility Directive as well as the TS EN 55032 and TS EN 55035 standards.	19.860,71	1.365,31
35.445.1200	Outdoor Bullet Camera, Type 2: (Unit: Qty.) Minimum 5-MP, high-resolution, color, black/white bullet IP camera with day/night functionality. It shall be equipped with minimum 1/3" CMOS image sensor and progressive scan functionality. The camera shall have minimum 30-meter night vision, mechanical IR filter and true Day/Night functionality. The camera shall support 4 MP (2688x1520) with minimum 20 fps (frames per second), and 3 MP (2048x1536), 2 MP (1920x1080), D1 (704x576) with minimum 25 fps (frames per second) or 30 fps (frames per second). The camera shall be equipped with a motorized lens adjustable between 3.2 mm and 9 mm. The camera shall be equipped with automatic backfocus functionality (auto-focus, remote focus). It shall support H.265, H.264 and MJPEG image compression formats. The camera shall support 120 dB WDR, ROI, 3D-DNR and BLC as minimum. The camera shall have minimum IP66 protection as per TS EN 60529 and minimum IK10 mechanical strength as per TS EN 62262. It shall have Power over Ethernet (PoE or PoE+) at IEEE 802.3af or IEEE 802.3at standards. It shall also have 12-Volt DC external power supply. The camera shall have a metal housing. Supply, transportation to the work site and installation in	22.870,71	1.365,31

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	working order, including any materials and labor, of the camera which shall be released with a CE marking in accordance with the Electromagnetic Compatibility Directive as well as the TS EN 55032 and TS EN 55035 standards.		
35.445.1300	Indoor Dome Camera (Unit: Qty.) High-resolution, color, B/W dome IP camera with day/night functionality. It shall have a minimum 1/3" CMOS sensor, and support the 2-MP resolution with minimum 25 fps (frames per second) or 30 fps (frames per second), and 4-MP resolution with minimum 20 fps (frames per second). The camera shall have a mechanical IR filter and true Day/Night functionality. The camera shall be equipped with a motorized lens adjustable between 3.2 mm and 9 mm. The camera shall be equipped with automatic backfocus functionality (auto-focus, remote focus). The camera shall support H.265, H.264 and MJPEG image compression formats. The camera shall support 120 dB WDR (Wide Dynamic Range), ROI, 3D-DNR and BLC as minimum. The camera shall have minimum IP66 protection as per TS EN 60529 and minimum IK10 mechanical strength as per TS EN 62262. It shall have 12-Volt DC external power supply. Supply, transportation to the work site and installation in working order, including any minor materials and labor, of the camera which shall be released with a CE marking in accordance with the Electromagnetic Compatibility Directive as well as the TS EN55032, TS EN55024, and TS EN 50130-4 standards.		
35.445.1301	Minimum 2-MP Interior Dome Camera	19.200,16	1.365,31
35.445.1302	Minimum 4-MP Interior Dome Camera	22.102,66	1.365,31
35.445.1400	Pan-Tilt-Zoom (PTZ) Camera (Unit: Qty.) It shall be a dual-stream IP camera with minimum 1/2.8" CMOS sensor, high-performance color video recording capability, and minimum 2-MP resolution. The camera shall feature starlight technology with minimum 120-dB WDR imaging sensor. It shall have a mechanical, hardware-based IR filter. The camera shall support H.265, H.264 and MJPEG compression formats. The camera shall have the capacity of holding 96 user-defined presets, 4 patterns, 8 routes and 1 linear scanning. The camera shall support the TCP(UDP)/IP, HTTP, HTTPS, FTP, SMTP, DHCP, NTP, RTSP, RTP, DNS, and DDNS formats. The camera shall internally operate with DC 12/24 Volts. It shall allow minimum 30x optical zoom. Supply, transportation to the work site and installation in working order, including any materials and labor, of the camera which shall be released with a CE marking in accordance with the Electromagnetic Compatibility Directive as well as the TS EN 55032 and TS EN 55035 standards.	121.151,21	1.365,31
35.445.1500	NETWORK VIDEO RECORDER (NVR)		
35.445.1501	8-channel Network Video Recorder (Unit: Qty.) The device shall have 8-MP recording capability, and allow live streaming of minimum 8 units of 2-MP cameras. The recorder shall support the formats H.265, H.264 and MJPEG. The device shall have a minimum input bandwidth of 80 Mbps. The device shall be equipped with a 10/100 Mbit ethernet port. The device shall have a high-definition HDMI output. The device shall have minimum 2 hard drive inputs. The device shall have a hard disk with a minimum storage capacity of 6 TB. The recorder shall have an alarm input and output. Supply, transportation to the work site and installation in working order, including any minor installation materials and labor, of the equipment which shall be released with a CE marking in accordance with the 2014/35/EU The Low Voltage Directive (LVD).	52.011,50	3.587,50
35.445.1502	16-channel Network Video Recorder (Unit: Qty.) The device shall have 8-MP recording capability, and allow live streaming of minimum 16 units of 2-MP cameras. The recorder shall support the formats H.265, H.264 and MJPEG. The device shall have a minimum input bandwidth of 160 Mbps. The device shall be equipped with a 10/100 Mbit ethernet port. The device shall have a high-definition HDMI output. The device shall be equipped with minimum 1 VGA display output. The device shall have minimum 2 hard drive inputs. The device shall have a hard disk with a minimum storage capacity of 12 TB. Supply, transportation to the work site and installation in working order, including any minor installation materials and labor, of the equipment which shall be released with a CE marking in accordance with the 2014/35/EU The Low Voltage Directive (LVD).	96.707,75	5.006,25
35.445.1503	32-channel Network Video Recorder (Unit: Qty.) The device shall have 8-MP recording capability, and allow live streaming of minimum 16 units of 2-MP cameras. The recorder shall support the formats H.265, H.264 and MJPEG. The device shall have a minimum input bandwidth of 256 Mbps. The device shall be equipped with a 10/100/1000 Mbit ethernet port. The device shall be capable of digitally zooming in the image in live streaming and playback. The device shall have a high-definition HDMI output.	117.896,80	6.425,00

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	The device shall be equipped with minimum 1 VGA display output. The device shall have minimum 4 hard drive inputs. The device shall have a hard disk with a minimum storage capacity of 24 TB. The device shall be equipped with an e-SATA output for scalable recording capacity. The recorder shall have an alarm input and output. It should allow playback, recording, remote connection and live streaming. The recorder should be equipped with an Rs485 port. Supply, transportation to the work site and installation in working order, including any minor installation materials and labor, of the equipment which shall be released with a CE marking in accordance with the 2014/35/EU The Low Voltage Directive (LVD).		
35.445.1504	64-channel Network Video Recorder (Unit: Qty.) The device shall have 8-MP recording capability, and allow live streaming of minimum 16 units of 2-MP cameras. The device shall have a minimum input network bandwidth of 320 Mbps. The device shall be equipped with a 10/100/1000 Mbit ethernet port. The recorder shall support the formats H.265, H.264 and MJPEG. The device shall be capable of digitally zooming in the image in live streaming and playback. The device shall have a high-definition HDMI output. The device shall be equipped with minimum 1 VGA display output. The device shall have minimum 8 hard drive inputs. The device shall have a hard disk with a minimum storage capacity of 64 TB. The device shall support RAID5 and RAID6. The device shall be equipped with an e-SATA output for scalable recording capacity. The recorder shall have an alarm input and output. It should allow playback, recording, remote connection and live streaming. The recorder should be equipped with an Rs485 port. Supply, transportation to the work site and installation in working order, including any minor installation materials and labor, of the equipment which shall be released with a CE marking in accordance with the 2014/35/EU The Low Voltage Directive (LVD).	196.388,35	7.843,75
35.445.1505	128-channel Network Video Recorder (Unit: Qty.) The device shall have 8-MP recording capability, and allow live streaming of minimum 16 units of 2-MP cameras. The device shall have a minimum network bandwidth of 384 Mbps. The device shall be equipped with a 10/100/1000 Mbit ethernet port. The device shall be capable of digitally zooming in the image in live streaming and playback. The device shall have a high-definition HDMI output. The device shall be equipped with minimum 1 VGA display output. The video recorder shall have a Rs232 port for connection to a computer. The recorder shall be equipped with an Rs485 port. The recorder shall support the formats H.265, H.264 and MJPEG. The device shall have minimum 16 hard drive inputs. Hard drives shall be hot swappable in the form of a drawer on the front panel of the device. The device shall have a hard disk with minimum internal storage capacity of 128 TB. It shall support RAID5 or RAID6 configuration. The device shall be equipped with an e-SATA output for scalable recording capacity. The recorder shall have an alarm input and output. It should allow playback, recording, remote connection and live streaming. The device shall be equipped with two redundant power supplies. Supply, transportation to the work site and installation in working order, including any minor installation materials and labor, of the equipment which shall be released with a CE marking in accordance with the 2014/35/EU The Low Voltage Directive (LVD).	344.445,50	9.262,50
35.445.1600	CONTROLLABLE POE NETWORK SWITCHES: (Unit: Qty.) The device shall have an operating voltage of 220V AC. Supply, transportation to the work site and installation in working order, including any minor installation materials and labor, of the equipment which shall be released with a CE marking in accordance with the 2014/35/EU The Low Voltage Directive (LVD). There shall be ports in the specified numbers on the switch. The device shall have minimum IEEE 802.3af and IEEE 802.3at (PoE, PoE+). The device must be capable of supplying 30 W of power per port and provide the total PoE power specified. The specified number of ports on the device must be able to operate actively at the same time.		
35.445.1601	8-port Controllable POE Network Switch, minimum 8 x 10/100/1000 Ethernet PoE ports, minimum 2 x 1000 Base-X SFP ports, at least 120W total PoE power	18.499,64	1.198,44
35.445.1602	16-port Controllable POE Network Switch, minimum 16 x 10/100/1000 Ethernet PoE ports, minimum 2 x 1000 Base-X SFP ports, at least 240W total PoE power, 18 active ports	28.513,14	1.635,94
35.445.1603	24-port Controllable POE Network Switch, minimum 24 x 10/100/1000 Ethernet PoE ports, minimum 4 x 1000 Base-X SFP ports, at least 360W total PoE power, 28 active ports	37.347,98	2.209,38
35.445.1610	48-port Controllable POE Network Switch, minimum 48 x 10/100/1000 PoE ports, minimum 4 x 10 GB SFP ports, at least 600W total PoE power, 52 active ports	90.167,31	2.782,81
35.445.1700	Control Keyboard (Unit: Qty.) The control keyboard shall have RJ-45, RS-232 and RS-485 ports. It shall be capable of operating directly or in network mode. It shall have 1 x RJ-45 port, and provide IP, port and	27.886,64	1.023,44

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	protocol data for NVR and IP PTZ cameras in network mode. It shall be equipped with an integrated LCD. It shall allow the user to pan, tilt and zoom with the camera.		
35.446.0000	NETWORK SYSTEMS:		
35.446.1000	POE NETWORK SWITCHES: (Unit: Qty.) The device shall have an operating voltage of 220V AC. Supply, transportation to the work site and installation in working order, including any minor installation materials and labor, of the equipment which shall be released with a CE marking in accordance with the 2014/35/EU The Low Voltage Directive (LVD). There shall be ports in the specified numbers on the switch. The device shall have minimum IEEE 802.3af and IEEE 802.3at (PoE, PoE+). The device must be capable of supplying 30 W of power per port and provide the total PoE power specified. The specified number of ports on the device must be able to operate actively at the same time.		
35.446.1110	8-port POE Network Switch, minimum 8 x 10/100/1000 Ethernet PoE ports, minimum 2 x 1000 Base-X SFP ports, at least 120W total PoE power	15.014,48	1.198,44
35.446.1120	16-port POE Network Switch, minimum 16 x 10/100/1000 Ethernet PoE ports, minimum 2 x 1000 Base-X SFP ports, at least 240W total PoE power, 18 active ports	16.646,60	1.635,94
35.446.1130	24-port POE Network Switch, minimum 24 x 10/100/1000 Ethernet PoE ports, minimum 4 x 1000 Base-X SFP ports, at least 360W total PoE power, 28 active ports	26.880,88	2.209,38
35.446.2000	CONTROLLABLE NETWORK SWITCHES: (Unit: Qty.) The device shall have an operating voltage of 220V AC. Supply, transportation to the work site and installation in working order, including any minor installation materials and labor, of the equipment which shall be released with a CE marking in accordance with the 2014/35/EU The Low Voltage Directive (LVD). There shall be ports in the specified numbers on the switch.		
35.446.2110	8-port Controllable Network Switch, minimum 8 x 10/100/1000 Ethernet ports, minimum 2 x 1000 Base-X SFP ports	10.859,28	1.198,44
35.446.2120	16-port Controllable Network Switch, minimum 16 x 10/100/1000 Ethernet ports, minimum 2 x 1000 Base-X SFP ports	12.574,50	1.635,94
35.446.2130	24-port Controllable Network Switch, minimum 24 x 10/100/1000 Ethernet ports, minimum 4 x 1000 Base-X SFP ports	17.105,76	2.209,38
35.446.2140	48-port Controllable Network Switch, minimum 48 x 10/100/1000 Ethernet ports, minimum 4 x 10 GB SFP ports	61.559,33	3.220,31
35.446.3000	NETWORK SWITCHES: (Unit: Qty.) The device shall have an operating voltage of 220V AC. Supply, transportation to the work site and installation in working order, including any minor installation materials and labor, of the equipment which shall be released with a CE marking in accordance with the 2014/35/EU The Low Voltage Directive (LVD). There shall be ports in the specified numbers on the switch.		
35.446.3110	8-port Network Switch, minimum 8 x 10/100/1000 Ethernet ports, minimum 2 x 1000 Base-X SFP ports	9.249,14	1.198,44
35.446.3120	16-port Network Switch, minimum 16 x 10/100/1000 Ethernet ports, minimum 2 x 1000 Base-X SFP ports	10.751,41	1.635,94
35.446.3130	24-port Network Switch, minimum 24 x 10/100/1000 Ethernet ports, minimum 4 x 1000 Base-X SFP ports	14.623,04	2.209,38
35.446.3140	48-port Network Switch, minimum 48 x 10/100/1000 Ethernet ports, minimum 4 x 10 GB SFP ports	51.836,15	3.220,31
35.446.7000	Access Point: (Unit: Qty.) The transportation to the work site, installation, testing, commissioning and delivery of an access point device that supports 802.11a/b/g/n/ac/ax wireless communication standards, has at least WPA2 or WPA3 secure encryption protocols and Seamless Roaming, Band Steering, Beamforming, Load Balance, Airtime Fairness technologies, has external or internal antenna, has at least 2x2 MIMO feature, has the provided IEEE 802.3af, IEEE 802.3at, IEEE 802.3at (PoE, PoE+, PoE++) features, has a single central management interface, has cloud or mobile access, and is placed on the market with the CE compliance marking in accordance with Directive 2014/35/EU on Electrical Equipment Designed for Certain Voltage Limits.		
35.446.7103	Min. AC600 Min. 1 x 10/100/1000 Mbps Ethernet PoE-supported port	1.792,19	685,94
35.446.7106	Min. AC867 Min. 1 x 10/100/1000 Mbps Ethernet PoE-supported port	2.234,69	685,94

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35.446.7109	Min. AC1200 Min. 1 x 10/100/1000 Mbps Ethernet PoE-supported port	2.455,94	685,94
35.446.7112	Min. AC1350 Min. 1 x 10/100/1000 Mbps Ethernet PoE-supported port	3.783,44	685,94
35.446.7115	Min. AC1750 Min. 1 x 10/100/1000 Mbps Ethernet PoE-supported port	4.225,94	685,94
35.446.7118	Min. AX1800 Min. 1 x 10/100/1000 Mbps Ethernet PoE-supported port	5.022,44	685,94
35.446.7121	Min. AX3000 Min. 1 x 10/100/1000 Mbps Ethernet PoE+-supported port	7.323,44	685,94
35.446.7124	Min. AX3600 Min. 1 x 10M/100M/1G/2.5G Ethernet PoE+-supported port	10.642,19	685,94
35.446.7127	Min. AX5400 Min. 1 x 10M/100M/1G/2.5G Ethernet PoE+-supported port	13.960,94	685,94
35.446.7130	Min. AX6000 Min. 1 x 10M/100M/1G/2.5G Ethernet PoE+-supported port	18.828,44	685,94
35.446.7133	Min. BE3600 Min. 1 x 10M/100M/1G/2.5G Ethernet PoE++supported port	11.084,69	685,94
35.446.7136	Min. BE9300 Min. 1 x 10M/100M/1G/2.5G/10G Ethernet PoE++supported port	25.156,19	685,94
35.446.7139	Min. BE19000 Min. 1 x 10M/100M/1G/2.5G/10G Ethernet PoE++supported port	51.573,44	685,94
35.446.7203	Min. AC600 Min. 1 x 10/100 Mbps Ethernet PoE-supported port Min. IP67	2.013,44	685,94
35.446.7206	Min. AC1200 Min. 1 x 10/100/1000 Mbps Ethernet PoE-supported port Min. IP67	2.809,94	685,94
35.446.7209	Min. AC1750 Min. 1 x 10/100/1000 Mbps Ethernet PoE-supported port Min. IP67	4.933,94	685,94
35.446.7212	Min. AX1800 Min. 1 x 10/100/1000 Mbps Ethernet PoE-supported port Min. IP67	5.889,74	685,94
35.446.7215	Min. AX3000 Min. 1 x 10/100/1000 Mbps Ethernet PoE+-supported port Min. IP67	8.650,94	685,94
35.446.7303	Min. AC1200 Min. 2 x 10/100/1000 Mbps Ethernet PoE-supported port	2.809,94	685,94
35.446.7306	Min. AC1750 Min. 2 x 10/100/1000 Mbps Ethernet PoE-supported port	4.933,94	685,94
35.446.7309	Min. AX1800 Min. 2 x 10/100/1000 Mbps Ethernet PoE-supported port	5.889,74	685,94
35.446.7312	Min. AX3000 Min. 2 x 10/100/1000 Mbps Ethernet PoE+-supported port	8.650,94	685,94
35.446.7315	Min. AX3600 Min. 2 x 10M/100M/1G/2.5G Ethernet PoE+-supported port	12.633,44	685,94
35.446.7318	Min. BE3600 Min. 2 x 10M/100M/1G/2.5G Ethernet PoE++supported port	13.164,44	685,94
35.446.7321	Min. BE19000 Min. 2 x 10M/100M/1G/2.5G/10G Ethernet PoE++supported port	61.750,94	685,94
35.450.0000	HALL SOUND SYSTEMS: (Unit: Qty.) The devices here shall comply with the annexed standards (TS 7370 IEC 50-161, TS EN 61672-1, TS 9712 HD 369.18 S1, TS EN 60268-3, TS 5989, TS 6024, TS 6331, TS EN 60268-7, TS 6505, TS 4376, TS 6506, TS 6509, TS EN 60268-4, TS 6537, TS 6538, TS 6539, TS EN 61305-3, TS 6665, TS 6909, TS 6910, TS 6024, TS EN 61938, TS 5989, TS 8063, TS 9712 HD 369.18 S1, TS EN 61672-1, CE Marking Decision (768/2008/EC) and RS 422 Electromagnetic Compatibility Directive (2004/108/EC), and Low Voltage Directive (2014/35/EU)).		
35.450.1000	AUDIO CONTROL AND RECORDING MIXER: (Unit: Qty.)		

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	Delivery in working order, including any minor material and labor, of an operator audio control mixer used for audio broadcast and control with the number of channels with high input capacity and stereo equalizer, mono and stereo inputs, aux output, recording outputs with faders, and digital effects, and a switched audio mixer with automatic voltage selecting power supply. Other values shall be interpolated.		
35.450.1001	12-channel Audio Mixer	18.348,63	2.940,63
35.450.1002	16-channel Audio Mixer	24.465,88	3.921,88
35.450.1004	32-channel Audio Mixer	46.888,38	5.884,38
35.450.1003	24-channel Audio Mixer	38.251,13	4.903,13
35.450.1200	OPERATOR MONITOR: (Unit: Qty.) Delivery in working order, including any minor material and labor, of an operator monitor speaker with min. 10-watt, 10-cm full-range speakers, 75 Hz to 18 kHz operating frequency, bass and treble equalizer settings adjustable using the knobs on the speaker, speaker line in - out and microphone input, Bass - Reflex configuration, and a power on/off button on the speaker.	16.673,88	646,88
35.450.1100	GRAPHIC EQUALIZER: (Unit: Qty.) Delivery in working order, including any minor material and labor, of a selectable, filtered digital stereo graphic equalizer with the specified frequency value and compatible with rack installation, which shall be equipped with an input volume control and balanced inputs and outputs for each channel, and feedback, reverb, block and delay settings (including an acoustic measurement microphone), and high and low transition. Other values shall be interpolated.		
35.450.1101	1 x 31 Band Graphic Equalizer	9.157,33	2.065,63
35.450.1300	Line transformer and its installation: (Unit: Qty.) Installation, and delivery in working order, including any minor material and labor, of line transformers with appropriate impedance for installation at the locations indicated in the project design to reduce the potential losses in such systems as speakers, telephones, intercoms, etc.		
35.450.1102	2 x 15 Band Graphic Equalizer	9.163,80	2.775,00
35.450.1103	2 x 31 Band Graphic Equalizer	14.434,13	4.028,13
35.450.1405	External-type, isobaric loudspeakers up to 10 W.	3.312,59	1.385,94
35.450.1401	3 to 5-Watt, single-sided speaker.	1.319,19	760,94
35.450.1302	External type	740,25	187,50
35.450.1400	Speaker and its installation; (Unit: Qty.) Supply, installation, and delivery in working order, including any minor material and labor, of speakers and speaker boxes in compliance with the standard TS 976 EN 60268-5 and the technical specifications.		
35.450.1404	5-Watt, impact-resistant, double-side speaker.	2.280,59	760,94
35.450.1407	3 x 10-Watt, column-type speaker.	3.345,13	1.521,88
35.450.1402	3 to 5-Watt, double-side speaker.	2.178,29	760,94
35.450.1406	3 x 6-Watt, column-type speaker.	3.235,13	1.521,88
35.450.1301	Internal type	629,15	187,50
35.450.1403	5-Watt, impact-resistant, single-sided speaker.	1.366,49	760,94
35.450.2103	15" Monitor Speaker	31.922,75	1.793,75
35.450.2101	10" Monitor Speaker	23.667,38	1.084,38
35.450.2100	MONITOR SPEAKER: (Unit: Qty.) Delivery in working order, including any minor material and labor, of a full-range monitor speaker with a continuous power of 500 W and AES power of 350 W/8 ohm, a frequency range of 65 Hz to 18kHz, a crossover frequency of 3.5 kHz, full-range 125 dB SPL continuous, 128 dB peak sound pressure, 12" woofer and 1" HF speaker, CD Elliptic horn, and 90° × 60° sound propagation angle. Other values shall be interpolated.		
35.450.2102	12" Monitor Speaker	28.683,38	1.084,38
35.450.1408	10 W, single-sided speaker	1.316,99	760,94
35.450.1409	10 W, double-side speaker	2.177,19	760,94
35.450.2000	DIGITAL PROCESSOR CROSSOVER: (Unit: Qty.) Delivery in working order, including any minor material and labor, of a digital processor	19.906,43	3.815,63

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	crossover with digital 24 bit/96 kHz configuration, 3 analog inputs and 6 analog outputs, adjustable delay for all inputs and outputs, electronically balanced XLR for input and output connections, and 1 x RS485 °Connector.		
35.450.2200	SUBWOOFER SPEAKER: (Unit: Qty.) Delivery in working order, including any minor material and labor, of a professional, weather-proof, LF speaker with 100 W / 400 W rms power and 35 to 150 Hz frequency response.		
35.450.2201	15" Subwoofer Speaker	34.169,88	1.521,88
35.450.2202	18" Subwoofer Speaker	41.932,75	1.793,75
35.450.2300	FULL-RANGE SPEAKER: (Unit: Qty.) Delivery in working order, including any minor material and labor, of a full-range monitor speaker with a continuous power of 500 W and AES power of 350 W/8 ohm, a frequency range of 65 Hz to 18kHz, crossover frequency of 3.5 kHz, full-range 116 dB SPL continuous, 119 dB peak sound pressure, 1" HF speaker, 8-ohm speaker impedance, and sound propagation angle.		
35.450.2301	12" Range Speaker	28.683,38	1.084,38
35.450.2302	15" Range Speaker	31.911,75	1.793,75
35.450.2400	SPEAKER HANGING KIT: (Unit: Qty.) Delivery, including any minor material and labor, of a mechanically secure wall hanging kit for mounting a speaker on a wall.	2.009,63	865,63
35.450.2500	AUDIO CABLES: (Unit: BALANCED: m.) Delivery, including any minor material and labor, of a cable apparatus of international quality, which shall be made up of a pair of live cables and braided copper shielding for a balanced transmission of audio signals. Note: Payment shall be made per item 35.500.2000 and the relevant items.		
35.450.2600	TWINAX SPEAKER CABLE: (Unit: Qty.) Delivery, including any minor material and labor, of a cable apparatus of international quality, which shall be made up of a pair of live cables and braided copper shielding for a balanced transmission of audio signals. Note: Payment shall be made per item 35.500.2000 and the relevant items.		
35.450.2700	MULTICORE AUDIO CABLE: (Unit: m) Delivery, including any minor material and labor, of a multicore audio cable apparatus that is made up of eight numbered wires for transfer of audio signal. Note: Payment shall be made per item 35.500.2000 and the relevant items.		
35.450.2800	STAGE BOX: (Unit: Qty.) Delivery, including any minor material and labor, of a professional static black DKP sheet metal stage box with a connection panel with min. 8 audio connections and Neutrik or equivalent audio connectors, which shall be used for audio connections on stage.	7.699,55	2.168,75
35.450.2900	RACK CABINET: (Unit: Qty.) Note: The item 35.550.0000 shall be applicable.		
35.450.3000	(NEUTRIK CONNECTORS): (Unit: Qty.) Delivery, including any minor material and labor, of Neutrik connectors with Neutrik or equivalent voltage regulators used for installation, which shall be installed in 8-compartment stage boxes on both sides of the stage, allow microphone connection from the hall, and for which 8-wire multicore cables are laid.	289,80	187,50
35.450.3100	Potentiometer and its wiring: (Unit: Qty.) Installation of a flush-mounted or surface-mounted potentiometer outlet line using min. 0.75-mm ² plastic-insulated conductors (TS-3930) within peschel, bergman or PVC pipes, with potentiometers with compatible characteristics with the speakers that it will be used with, including junction boxes, terminal blocks and any minor material and labor.	875,00	187,50
35.450.3200	Channel selector (three channels)	1.573,43	750,63
35.450.5000	Microphone: (Unit: Qty.) Installation, and delivery, including any minor material and labor, of crystal or dynamic microphones complying with TS 6509 and the relevant technical specifications, with min. 10-meter-long microphone cable, microphone socket and plug.		
35.450.5001	Desktop microphone.	1.908,93	750,63
35.450.5002	Free-standing microphone.	2.502,93	750,63

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.450.5003	Hand-held microphone.	1.481,49	614,69
35.450.5100	Microphone line wiring (Unit: m) Installation of a microphone line using shielded conductors routed through Peschel, Bergman, or PVC conduit, including flush-mounted or surface-mounted terminal boxes with hinged and lockable covers made of minimum 1-mm-thick DKP sheet metal coated in light gray, as well as junction boxes, terminal blocks, iron brackets, consoles, cable clips, paint, and all minor materials and labor.	179,38	129,38
35.450.5200	16-CHANNEL UHF RADIO MICROPHONE SET: (Unit: Set) The radio microphone system shall operate as a transceiver on UHF. Delivery in working order of a microphone stand, transceivers, and internal and external antennae as part of the microphone set; including all minor materials and labor.		
35.450.5201	Hand type	7.757,63	750,63
35.450.5202	Lapel type	7.757,63	750,63
35.450.5203	Head type	8.230,63	750,63
35.450.5300	MICROPHONE STAND (Unit: Qty.) Delivery in working order of a microphone stand designed for easy desktop installation, compatible with XLR connectors and gooseneck microphones; including all minor materials and labor.	2.351,40	812,50
35.450.5400	VOCAL DYNAMIC MICROPHONE: (Unit: Qty.) Delivery in working order of a professional, weather-resistant microphone equipped with LF speakers rated at 100 W / 400 W rms; including all minor materials and labor.	3.227,50	1.687,50
35.450.5500	DYNAMIC MICROPHONE INSTRUMENT (Unit: Qty.) Supply and delivery in fully operational condition, including all minor materials and labor, of a dynamic microphone with a frequency response of 50–1,600 Hz for near-field and 100–14,000 Hz for far-field use, featuring a supercardioid polar pattern, an open-circuit sensitivity of 2.4 mV/Pa at 1 kHz (0 dB = 1 V/Pa), an on/off switch, a nominal impedance of 600 ohms, and a load impedance greater than 1,000 ohms.	1.925,00	
35.450.5600	MICROPHONE STAND (Unit: Qty.) Delivery in working order of a microphone stand designed for compatibility with stage use, adjustable height, and various instrument setups; including all minor materials and labor.	920,10	187,50
35.450.5700	Amplifier and its installation: (Unit: Qty.) Delivery in working order of a sound amplifier in compliance with the technical specifications, including installation at the designated location on an iron frame, complete with the frame, coating, and all minor materials and labor.		
35.450.5701	25 W	5.566,04	323,44
35.450.5702	40 W	6.237,04	323,44
35.450.5703	75 W	9.449,04	323,44
35.450.5704	100 W	9.636,54	510,94
35.450.5705	200 W	13.316,04	510,94
35.450.5706	300 W	13.445,38	646,88
35.460.0000	STAGE LIGHTING SYSTEM		
35.460.1000	LIGHT CONTROL MIXERS: (Unit: Qty.) Delivery, including any minor material and labor, of light controller mixer with light, chaser, stage memory and MB flash card, which shall be programmable by a PC, suitable for theater applications, support the DMX 512 protocol, and control programs equal to the number of channels. . Other values shall be interpolated.		
35.460.1010	24-channel Light Controller Mixer	17.465,75	4.793,75
35.460.1020	48-channel Light Controller Mixer	26.607,75	6.543,75
35.460.1100	HALL LIGHTING CONTROLLER, DIMMER: (Unit: Qty.) The device shall be microprocessor-controlled with each channel supplying 12 A. Thus, such functions as channel status, channel levels, pre-heating and balancing curve shall be performed on the device. The device shall be equipped with a cooling mechanism to prevent heat-related problems and the device shall be capable of operating without the need for external control equipment. It shall be possible to update the firmware and install new versions easily by an RS-232 connection. Power connectors on the back of the device shall be equipped with 3-phase supply and automatic line protection, and the device shall be delivered with any minor		

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	material and labor.		
35.460.1110	6- channel Digital Dimmer	27.992,75	4.793,75
35.460.1120	12- channel Digital Dimmer	55.471,75	6.543,75
35.460.1200	PROFILE SPOT: (Unit: Qty.) Delivery of IP55-certified profile spotlights (14°/32°), each equipped with a tungsten lamp of the specified power—supplied at 150% of the required quantity—featuring a zoom optical system for precise focus and beam control, an adjustable light source capable of producing 200 to 2,800 lux at various distances, and a built-in safety mechanism that cuts power during lamp replacement; complete with iris diaphragm, gobo holder, suspension apparatus, safety chain, and including all minor materials and labor.		
35.460.1210	650-W Profile Spot	27.840,88	4.146,88
35.460.1220	1,000-W Profile Spot	31.685,88	5.021,88
35.460.1230	2000-W Profile Spot	34.342,88	5.896,88
35.460.1300	PC SPOT, BARN DOOR: (Unit: Qty.) Delivery of IP55-certified PC spotlights—each supplied with a tungsten lamp matching the specified quantity—featuring a PC optical system that produces both sharp and soft light beams, with an adjustable light source capable of delivering 200 to 2,800 lux or higher at various distances, equipped with a color filter holder, safety guard, barndoors with four adjustable leaves, and epoxy powder-coated housing; including all minor materials and labor.		
35.460.1310	300/500 W PC Spot, Barn door, 500 W light bulb	12.330,88	4.146,88
35.460.1320	650/1000 W PC Spot, Barn Door, 1000 W light bulb	13.953,88	5.021,88
35.460.1400	FRESNEL SPOTLIGHT, BARN DOOR: (Unit: Qty.) Delivery of IP55-certified Fresnel spotlights—each supplied with a tungsten lamp matching the specified quantity—featuring Fresnel optical systems that produce a smoother, angle-adjustable light beam compared to PC spots, with an illuminance range of 250 to 1,900 lux, equipped with a color filter holder, safety guard, four-leaf barndoors, and epoxy powder-coated housing, including all minor materials and labor.		
35.460.1410	300/500w Fresnel Spotlight Barn Door, 500 W light bulb	12.330,88	4.146,88
35.460.1420	650/1000w Fresnel Spotlight Barn Door, 1000 W light bulb	13.953,88	5.021,88
35.460.1500	PAR SPOTLIGHT AND LIGHT BULB: (Unit: Qty.) Delivery of IP55-certified PAR spotlights and compatible lightbulbs designed to operate with 1000 W tungsten lamps, featuring color filter holders and epoxy powder-coated housings; including all minor materials and labor.		
35.460.1510	PAR 56 Spotlight and light bulb	8.516,18	2.396,88
35.460.1520	PAR 64 Spotlight and light bulb	10.012,18	2.396,88
35.470.0000	VIDEO DATA PROJECTION SYSTEMS		
35.470.1000	PROJECTOR: (Unit: Qty.) Delivery, including any minor material and labor, of a Projector with ANSI lumen power, compatible with video systems and computers, complete with a suspension apparatus and a distance lens for use of the device from the operator room.		
35.470.1001	2000 ANSI lumens, 1024 x 768 resolution	20.114,00	2.712,50
35.470.1002	2500 ANSI lumens, 1024 x 768 resolution	26.040,50	2.712,50
35.470.1003	3000 ANSI lumens, 1024 x 768 resolution	31.953,50	2.712,50
35.470.1004	3500 ANSI lumens, 1024 x 768 resolution	37.934,00	2.712,50
35.470.1005	4000 ANSI lumens, 1024 x 768 resolution	43.712,00	2.712,50
35.470.1006	4500 ANSI lumens, 1024 x 768 resolution	49.557,50	2.712,50
35.470.1007	5000 ANSI lumens, 1024 x 768 resolution	55.605,50	2.712,50
35.470.1008	6500 ANSI lumens, 1024 x 768 resolution	62.153,00	2.712,50
35.470.2000	HYDRAULIC STAGE PLATFORM (WITH A ELEVATOR) (Unit: Qty.) Delivery in working order, including materials and labor, of a system to be used for taking decoration elements or actors from the orchestra pit to the stage on the ground floor, bearing the CE marking and in compliance with the standards TS EN 50347, TS EN 60034-1, TS EN		

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	50347, and TS EN 60034-1, with electric motors complying with the Machinery Directive (2006/42/EC), panels complying with TS EN 61439-1, and switches and contactors complying with TS 4915 EN 60669-1 as well as the mechanical and electrical project designs; with a sufficient bar value for its lifting capacity, an upper chassis and truss system made of ST 37 NPU profile, the bottom chassis placed in the platform pit made of trusses coupled by roller bearings, a 3-phase electric motor, a hydraulic safety valve operating in compliance with the operating pressure, lifting and capacity, speed setting, locking and directional valve, hydraulic hose break valve, and hydraulic steel pipes, hoses and bushes that connect them, pistons and fittings with clamps made of ST 52 shafts and chrome-plated materials over C 1050, two-bearing truss castors made of C 1050, splines made of DBR 14 bronze material, and equipped with an electric control panel, lower and upper limit breakers, power limiters (safety switch) connected using 4 x 2.5 TTR cables, and with earthing, which moves vertically up to 5 m. with the main frame moved by an actuator cylinder driven by a wing pump placed in the oil tank. Note: For the systems where trusses are not used and that are not driven directly, installed unit prices shall be reduced by 30%, and the installation fees shall remain unchanged.		
35.470.2001	Lifting capacity: up to 5 tons	388.797,00	19.025,00
35.470.2002	Lifting capacity: up to 10 tons	459.981,00	25.950,00
35.470.2003	Lifting capacity: up to 20 tons	563.808,00	32.875,00
35.470.2004	Lifting capacity: up to 30 tons	705.530,00	39.800,00
35.470.2005	Lifting capacity: up to 40 tons	875.735,00	46.725,00
35.470.3000	ELECTRIC PROJECTOR SCREEN: (Unit: Qty.) Delivery of a motorized front-projection screen in 4:3 format, with a minimum gain of 1.2 and a minimum viewing angle of 150°, equipped with remote control functionality and aluminum housings for both the screen and motor, certified for fire resistance under M1 7201-96; including all minor materials and labor. Intermediate values shall be determined by interpolation.		
35.470.3001	200 x 150 motorized screen	5.588,70	1.500,00
35.470.3002	250 x 190 motorized screen	7.427,80	1.875,00
35.470.3003	300 x 225 motorized screen	9.483,00	2.025,00
35.470.3004	350 x 265 motorized screen	11.019,00	2.175,00
35.470.3005	400 x 300 motorized screen	12.927,00	2.400,00
35.470.3006	450 x 340 motorized screen	14.868,00	2.625,00
35.470.3007	500 x 375 motorized screen	18.226,00	2.925,00
35.470.3008	600 x 450 motorized screen	22.511,00	3.525,00
35.470.3009	700 x 575 motorized screen	25.532,00	4.500,00
35.470.4000is	POWER AMPLIFIER (Unit: Qty., Materials on construction site: 60%) It shall be a professional device compatible with the microphones in the system, and equipped with full protection (overload, short circuit, DC output protection, thermal, ultrasonic and RF protection). Delivery in working order, including any small material and labor, of a power amplifier with IEC 265-8 Wrms output power; 2x280 W rms/8 ohms; 2 x 450 W rms / 4 ohms; 2 x 700 W rms / 2 ohms of output power, and Power, Signal and Clip LED indicators on the front panel. Other values shall be interpolated.		
35.470.4001is	2 x 100 W Power Amplifier	8.451,88	1.521,88
35.470.4002is	2 x 150 W Power Amplifier	11.355,88	1.521,88
35.470.4003is	2 x 250 W Power Amplifier	14.243,25	2.231,25
35.470.4004is	2 x 450 W Power Amplifier	20.953,25	2.231,25
35.470.4005is	2 x 800 W Power Amplifier	24.980,69	2.804,69
35.470.4006is	2 x 1,150 W Power Amplifier	29.725,63	2.940,63
35.481.0000	CENTRAL SATELLITE SYSTEM:		
35.481.1100	Multiswitch Satellite Exchange: (Unit: Qty.) Satellite inputs (SAT) and terrestrial (TERR) inputs, with a maximum output power of at least 90 dBμV (satellite), with 100 V subscriber port protection, with subscriber control with LED, with +4 dB equalizer on each subscriber output for excess loss at high frequencies, with a gain difference of up to +/- 3 dB between the first and last subscriber,		

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	isolation SAT-SAT > 40 dB, isolation SAT-SAT > 40 dB, RF connector as 75 ohm F connector, capable of providing at least 47 mA Horizontal (H) and at least 32 mA Vertical (V) current for each subscriber output, DiSEqC 2.0- 2.1 software supported, with 4K, FullHD, DVB-S2, DVB-S, DVB-T2, DVB-T, DVB-C-HDTV features, with port locking system, with a TERR frequency operating range of 47 - 870 MHz, with a SAT frequency operating range of 950 - 2150 MHz, with a SMPS power supply working with adapter with output range of 16V/1.5A ~18V/2A, with an operating temperature range of -15...+50°C supply to the work site, installation as per the relevant project, and delivery in working order, including any material and labor, of the multiswitch.		
35.481.1150	10/8 multiswitch	3.398,59	1.354,69
35.481.1154	10/12 multiswitch	3.704,21	1.354,69
35.481.1156	10/16 multiswitch	4.523,54	2.006,25
35.481.1158	10/20 multiswitch	4.934,08	2.006,25
35.481.1160	10/24 multiswitch	6.076,13	2.657,81
35.481.1162	10/32 multiswitch	6.671,88	2.657,81
35.481.1164	10/40 multiswitch	8.039,60	3.309,38
35.481.1166	10/48 multiswitch	9.456,44	3.309,38
35.481.1200	Offset Satellite Dish: (Unit: Qty.) Supply to the work site, installation in accordance with the project, and delivery in working order of the antenna made of electrostatic or polyester powder painted, at least 0.6 mm galvanized sheet, aluminum LNB arm and plastic LNB clamp, wall or floor fixing mounting bracket, including any material and labor.		
35.481.1210	Min. 90 cm offset satellite dish	2.218,59	1.293,75
35.481.1220	Min. 100 cm offset satellite dish	2.477,55	1.293,75
35.481.1230	Min. 120 cm offset satellite dish	3.130,26	1.293,75
35.481.1240	Min. 150 cm offset satellite dish	6.944,54	1.293,75
35.481.1300	LNB: (Unit: Qty.) Input signal: 10.7 ~ 12.75 GHz, output signal: 950 ~ 2150 GHz bands, noise level > 0.6 dB, conversion gain > 65 dB, supply to the work site, installation as per the relevant project, and delivery in working order, including any material and labor, of the LNB device.		
35.481.1310	1 output (single) LNB	307,40	133,44
35.481.1320	2 output (twin) LNB	416,89	133,44
35.481.1330	4 output (quad) LNB	699,33	133,44
35.481.1340	4 output (quatro) LNB	588,85	133,44
35.481.1350	8 output (octo) LNB	1.388,19	133,44
35.481.1400	Satellite Socket: (Unit: Qty.) supply to the work site, installation as per the relevant project, and delivery in working order of the satellite socket with a maximum output loss of 1.2 dB and a DC pass-through F connector to the workplace, its casing, including any material and labor.	268,56	166,88
35.481.1500	Splitter: (Unit: Qty.) Supply to the work site, installation as per the relevant project, and delivery in working order of a splitter with F connector inputs and outputs, with DC-pass through outputs, including any material and labor.		
35.481.1510	8 way splitter (5-2400 MHz)	300,33	133,44
35.481.1520	6 way splitter (5-2400 MHz)	286,89	133,44
35.481.1530	4 way splitter (5-2400 MHz)	219,41	133,44
35.481.1540	3 way splitter (5-2400 MHz)	210,40	133,44
35.481.1550	2 way splitter (5-2400 MHz)	179,41	133,44
35.481.1600	Tap Off: (Unit: Qty.) Supply to the work site, installation as per the relevant project, and delivery in working order		

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	of a distributor (tap off) with F connector inputs and outputs with a side output attenuation value of at least 6 dB, including any material and labor.		
35.481.1605	1 way tap off, 5-1000MHz	215,71	133,44
35.481.1610	1 way tap off, 5-2400MHz	219,84	133,44
35.481.1615	2 way tap off, 5-1000MHz	232,74	133,44
35.481.1620	2 way tap off, 5-2400MHz	237,71	133,44
35.481.1625	4 way tap off, 5-1000MHz	302,94	133,44
35.481.1630	4 way tap off, 5-2400MHz	311,41	133,44
35.481.1635	6 way tap off, 5-2400Mhz	315,83	133,44
35.481.1640	8 way tap off, 5-2400Mhz	327,73	133,44
35.485.0000	ACCUMULATOR AND RECTIFIER INSTALLATION: (*)[2] To be performed with the provisions of the "Regulation on Waste Battery and Accumulator Control" published in the Official Gazette no. 25569 dated 31 August 2004.		
35.485.1000	Rectifier and its installation: (Unit: Qty.) Supply and installation of a dry-type rectifier in compliance with TS 9592 and the specifications outlined in the Technical Specification, including charge and discharge relays, panel-mounted metering instruments (ammeter and voltmeter), circuit breakers, control switches, and wiring up to the battery terminals; complete with all minor materials and labor, delivered in full working order.		
35.485.1001	24 V. Up to 20 A	3.725,54	323,44
35.485.1002	24 V. Up to 10 A	2.997,54	323,44
35.485.1003	24 V. Up to 5 A	2.802,54	323,44
35.485.1004	24 V. 2 A max.	1.905,54	323,44
35.491.0000	INTERCOM SYSTEMS		
35.491.1000	Video Intercom System:		
35.491.1100	Video Intercoms: (Unit: Qty.) With the feature of connecting a camera without requiring an additional module, hands-free, setting of different ring melodies, adjustable ring volume level, light and color adjustment, an operating temperature range of 0-50 °C, a screen with the given resolution values, allowing the use of video and audio intercoms together, on-site installation and power supply of the video intercom, including any minor material and labor.		
35.491.1101	4.3" video intercom (min. 480x270), with mechanical button	2.154,26	760,94
35.491.1102	7" video intercom (min. 800x480), with mechanical button	2.843,38	760,94
35.491.1104	4.3" video intercom (min. 480x270), with touch button	2.271,78	760,94
35.491.1105	7" video intercom (min. 800x480), with touch button	3.106,80	896,88
35.491.1108	7" video intercom (min. 800x480), with touch screen	6.258,46	896,88
35.491.1109	10.1" video intercom (min. 1024x600), with touch screen	7.342,19	896,88
35.491.1200	Doorbell Panels (with camera): (Unit: Qty.) On-site installation, power supply and delivery in working order of a door panel with at least 1.3 Mp and angle adjustable camera, night vision LED lighting, backlight on the buttons, support for password opening, ability to create an opening password for all apartments, card reader feature, operating temperature range of -20 °C~+50 °C, IP54 protection degree, including material and labor.		
35.491.1201	Digital doorbell panel with mechanical keys (2-line display)	4.556,95	323,44
35.491.1202	Digital doorbell panel with mechanical keys (2-line display) and card reader	5.027,34	323,44
35.491.1203	Digital doorbell panel with mechanical keys (4-line display)	4.766,01	323,44
35.491.1204	Digital doorbell panel with mechanical keys (4-line display) and card reader	5.236,40	323,44
35.491.1205	Digital doorbell panel with touch keys, card reader, min. 4" color screen	6.987,29	323,44
35.491.1206	Digital doorbell panel with touch screen, card reader, min. 7" color screen	13.729,69	323,44
35.491.1300	Surface-Mounted Doorbell Panel Base: (Unit: Qty.) Supply and delivery in working order, including any minor material and labor, of a doorbell panel base.	1.801,56	323,44
35.491.1400	Flush-Mounted Doorbell Panel Case: (Unit: Qty.)	452,78	323,44

35.400.-Low Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	Supply and delivery in working order, including any minor material and labor, of a doorbell panel case.		
35.491.2000	Audio Intercom System:		
35.491.2100	Audio Intercom: (Unit: Qty.) On-site installation and delivery in working order of the audio intercom, which has the feature of talking to the door, opening the automatic door, operating temperature range: 0-50 °C, including any minor material and labor.	1.372,94	760,94
35.491.2200	Exchange: (Unit: Qty.) On-site installation and delivery in working order of the exchange with the feature of talking to the door, opening the automatic door, privacy feature, double bell (outer door, front of the flat), talking to the attendant, operating temperature range: 0-50 °C, including any minor material and labor.	5.260,94	760,94
35.491.2300	Voice Doorbell Panels:		
35.491.2310	Single-Button Voice Doorbell Panel: (Unit: Qty.) On-site installation and delivery in working order of the doorbell panel with ring volume adjustment, which can communicate with the apartments and the doorman, including any minor material and labor. For a voice doorbell panel with more than one key, additional keys equal to the number of keys shall be charged as per the item 35.491.2320.	1.028,75	258,75
35.491.2320	Additional key price difference for doorbell panel: (Unit: Qty.)	108,38	25,88
35.491.4000	DT-8 cable: (Unit: m) Supply and delivery to the work site of cables with 8x0.22 mm ² core count and cross-section, electrolytic copper conductor (TS EN 60228), PVC insulation (TS EN 50290-2-21), insulated cores twisted in layers and wrapped with aluminum polyester tape, PVC outer sheath (TS EN 50290-2-22), manufactured in accordance with TS EN 60332-1-2 standard and 2014/35/EU Directive on Electrical Equipment Designed for Certain Voltage Limits, in accordance with VDE 0812, including any minor material and labor.	42,80	29,25
35.491.5000	Doorbell Outlet Line: (Unit: Qty.) Creating a flush-mounted or surface-mounted doorbell outlet line with HF conductors with a minimum cross-section of 1 mm ² inside a HFFR pipe, and delivery in working order along with the switch, case, junction box and terminal box, including any minor material and labor. Unit: No additional charges shall apply unless the length of the outlet line exceeds 10 m. The part of the outlet line exceeding 10 m shall be charged per the item 35.150.1461.	473,40	360,94
35.491.7000	IP Intercom System:		
35.491.7100	IP Video Intercom: (Unit: Qty.) With a touch screen and the feature of connecting a camera without requiring an additional module, hands-free, setting of different ring melodies, adjustable ring volume level, light and color adjustment, an operating temperature range of 0-50 °C, a screen with the given resolution values, on-site installation and power supply of the touch screen, including any minor material and labor.		
35.491.7110	Min. 7" screen, min. 800x480 pixels	6.146,88	896,88
35.491.7120	Min. 10" screen, min. 1024x600 pixels	8.346,88	896,88
35.491.7200	IP Doorbell Panel: (Unit: Qty.) On-site installation, power supply and delivery in working order of a door panel with at least 1.3 Mp and angle adjustable camera, night vision LED lighting, backlight on the buttons, support for password opening, ability to create an opening password for all apartments, card reader feature, operating temperature range of -20 °C~+50 °C, min. IP54 protection degree, including material and labor.		
35.491.7210	Digital doorbell panel with touch keys, card reader, min. 4" color screen	14.560,94	760,94
35.491.7220	Digital doorbell panel with touch screen, card reader, min. 7" color screen	23.035,94	760,94
35.500.0000	FIRE ALARM AND SIGNAL CABLES		
35.500.1000	J-Y(St)Y Fire Alarm Cables (Unit: m) (VDE 0815) Supply to the work site, including the gateway and safety pipes, any material and labor, of fire alarm cables with conductors complying with TS EN 60228, an operating temperature range of -30 °C to +70 °C (for fixed wiring) as per DIN VDE 0815, PVC cladding insulation as per TS EN 50290-2-21, twisted strands, aluminum foil wrapping and earth wire, where the exterior casing shall be RAL 3000 red in compliance with TS EN 50290-2-22, flame retardation and self-extinction of PVC in compliance with the TS EN 60332-1-2 and TS 13767 standards, which shall be used for security systems, communication, indoor and dry areas. Note: The item shall be manufactured in compliance with the TS EN 50575 and TS EN 50575/A1 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Certificate of Constancy of Performance		

35.400.-Low Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	issued by an organization accredited by the European Union.		
35.500.1001	1 x 2 x 0.8 + 0.8 mm ²	57,65	42,50
35.500.1002	2 x 2 x 0.8 + 0.8 mm ²	67,10	42,50
35.500.1003	3 x 2 x 0.8 + 0.8 mm ²	79,08	45,63
35.500.1004	4 x 2 x 0.8 + 0.8 mm ²	97,08	53,13
35.500.1005	5 x 2 x 0.8 + 0.8 mm ²	115,83	53,13
35.500.1006	6 x 2 x 0.8 + 0.8 mm ²	128,58	53,13
35.500.1007	8 x 2 x 0.8 + 0.8 mm ²	159,33	60,63
35.500.1008	10 x 2 x 0.8 + 0.8 mm ²	187,95	63,75
35.500.1009	1 x 2 x 1 + 1 mm ²	65,75	42,50
35.500.1010	2 x 2 x 1 + 1 mm ²	79,40	42,50
35.500.1011	3 x 2 x 1 + 1 mm ²	100,70	50,00
35.500.1012	4 x 2 x 1 + 1 mm ²	118,08	53,13
35.500.1013	5 x 2 x 1 + 1 mm ²	148,95	56,25
35.500.1014	6 x 2 x 1 + 1 mm ²	173,58	60,63
35.500.1015	8 x 2 x 1 + 1 mm ²	193,20	63,75
35.500.1016	10 x 2 x 1 + 1 mm ²	253,33	66,88
35.500.1017	1 x 2 x 1.5 + 1.5 mm ²	84,48	45,63
35.500.1018	2 x 2 x 1.5 + 1.5 mm ²	118,08	53,13
35.500.1019	3 x 2 x 1.5 + 1.5 mm ²	150,33	60,63
35.500.1020	4 x 2 x 1.5 + 1.5 mm ²	178,95	63,75
35.500.1021	5 x 2 x 1.5 + 1.5 mm ²	229,33	66,88
35.500.1022	6 x 2 x 1.5 + 1.5 mm ²	271,33	74,38
35.500.1023	8 x 2 x 1.5 + 1.5 mm ²	334,45	77,50
35.500.1024	10 x 2 x 1.5 + 1.5 mm ²	403,45	85,00
35.500.1025	1 x 2 x 2.5 + 2.5 mm ²	118,83	53,13
35.500.1026	2 x 2 x 2.5 + 2.5 mm ²	166,83	60,63
35.500.1027	3 x 2 x 2.5 + 2.5 mm ²	220,20	71,25
35.500.1028	4 x 2 x 2.5 + 2.5 mm ²	271,33	81,88
35.500.1029	5 x 2 x 2.5 + 2.5 mm ²	358,45	85,00
35.500.1030	6 x 2 x 2.5 + 2.5 mm ²	416,95	92,50
35.500.1031	8 x 2 x 2.5 + 2.5 mm ²	519,08	95,63
35.500.1032	10 x 2 x 2.5 + 2.5 mm ²	637,83	109,38
35.500.2000	LIYCY, LIYC2Y or LIY(St)CY-TP Type Instrumentation, signal and controller cables: (Unit: m) (VDE 0812) Supply to site—including gateways, conduits, all necessary materials, and labor—of flexible instrument, signal, and control cables compliant with TS 13755 and TS EN 60332-1-2 standards. The cable shall be constructed with multi-stranded copper conductors in accordance with TS EN 60228, insulated with semi-rigid PVC per TS EN 50290-2-21, and color-coded to DIN 47100. Cable cores shall be laid up in layers and helically wrapped with transparent PES tape, overlaid with a braided screen of tinned copper wires providing a minimum 85% coverage. Optional aluminum foil shielding and drain wire may be included. These cables shall be suitable for use in electronic control systems, sound frequency transmission, signal and data communication, and industrial electronics. Note: The item will be manufactured in compliance with the TS EN 50575 and TS EN 50575/A1 standards, and the Regulation (EU) No. 305/2011 Construction Products. It will be released with a CE marking, and the Declaration of Performance by the manufacturer and Performance Stability Certificate issued by an organization accredited by the European Union.		
35.500.2100	LIYCY, LIYC2Y Signal cables		
35.500.2101	2 x 0.14 mm ²	41,63	31,88

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.500.2102	12 x 0.14 mm ²	68,25	39,38
35.500.2103	14 x 0.14 mm ²	74,63	39,38
35.500.2104	16 x 0.14 mm ²	76,88	39,38
35.500.2105	18 x 0.14 mm ²	82,75	42,50
35.500.2106	20 x 0.14 mm ²	87,75	42,50
35.500.2107	25 x 0.14 mm ²	94,50	42,50
35.500.2108	3 x 0.14 mm ²	43,38	31,88
35.500.2109	4 x 0.14 mm ²	46,88	31,88
35.500.2110	5 x 0.14 mm ²	48,13	31,88
35.500.2111	6 x 0.14 mm ²	51,75	31,88
35.500.2112	7 x 0.14 mm ²	56,00	35,00
35.500.2113	8 x 0.14 mm ²	57,63	35,00
35.500.2114	9 x 0.14 mm ²	60,88	35,00
35.500.2115	10 x 0.14 mm ²	66,88	39,38
35.500.2116	2 x 0.25 mm ²	48,25	35,00
35.500.2117	14 x 0.25 mm ²	91,38	45,63
35.500.2118	16 x 0.25 mm ²	102,25	50,00
35.500.2119	18 x 0.25 mm ²	106,75	50,00
35.500.2120	20 x 0.25 mm ²	111,13	50,00
35.500.2121	25 x 0.25 mm ²	127,38	50,00
35.500.2122	3 x 0.25 mm ²	50,50	35,00
35.500.2123	4 x 0.25 mm ²	57,00	39,38
35.500.2124	5 x 0.25 mm ²	61,25	39,38
35.500.2125	6 x 0.25 mm ²	66,88	42,50
35.500.2126	7 x 0.25 mm ²	68,50	42,50
35.500.2127	8 x 0.25 mm ²	72,88	42,50
35.500.2128	10 x 0.25 mm ²	79,75	42,50
35.500.2129	12 x 0.25 mm ²	87,13	45,63
35.500.2130	2 x 0.34 mm ²	56,75	39,38
35.500.2131	14 x 0.34 mm ²	112,75	50,00
35.500.2132	16 x 0.34 mm ²	124,63	53,13
35.500.2133	18 x 0.34 mm ²	134,00	53,13
35.500.2134	20 x 0.34 mm ²	140,25	53,13
35.500.2135	25 x 0.34 mm ²	160,25	53,13
35.500.2136	3 x 0.34 mm ²	59,88	39,38
35.500.2137	4 x 0.34 mm ²	62,63	39,38
35.500.2138	5 x 0.34 mm ²	70,75	42,50
35.500.2139	6 x 0.34 mm ²	74,50	42,50
35.500.2140	7 x 0.34 mm ²	77,00	42,50
35.500.2141	8 x 0.34 mm ²	82,25	42,50
35.500.2142	10 x 0.34 mm ²	88,38	45,63
35.500.2143	12 x 0.34 mm ²	99,63	50,00
35.500.2144	2 x 0.50 mm ²	61,25	42,50
35.500.2145	3 x 0.50 mm ²	64,50	42,50
35.500.2146	4 x 0.50 mm ²	70,13	42,50
35.500.2147	5 x 0.50 mm ²	77,13	45,63
35.500.2148	6 x 0.50 mm ²	83,38	45,63

35.400.-Low Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.500.2149	7 x 0.50 mm ²	86,88	45,63
35.500.2150	8 x 0.50 mm ²	97,00	50,00
35.500.2151	9 x 0.50 mm ²	104,00	53,13
35.500.2152	10 x 0.50 mm ²	107,75	53,13
35.500.2153	12 x 0.50 mm ²	118,38	53,13
35.500.2154	14 x 0.50 mm ²	130,25	56,25
35.500.2155	16 x 0.50 mm ²	139,63	56,25
35.500.2156	18 x 0.50 mm ²	152,75	60,63
35.500.2157	20 x 0.50 mm ²	164,00	60,63
35.500.2158	25 x 0.50 mm ²	189,63	63,75
35.500.2159	2 x 0.75 mm ²	64,38	42,50
35.500.2160	3 x 0.75 mm ²	71,75	42,50
35.500.2161	4 x 0.75 mm ²	76,88	42,50
35.500.2162	5 x 0.75 mm ²	87,00	45,63
35.500.2163	6 x 0.75 mm ²	99,50	50,00
35.500.2164	7 x 0.75 mm ²	104,63	50,00
35.500.2165	8 x 0.75 mm ²	110,25	50,00
35.500.2166	9 x 0.75 mm ²	120,88	53,13
35.500.2167	10 x 0.75 mm ²	129,63	56,25
35.500.2168	12 x 0.75 mm ²	142,13	56,25
35.500.2169	14 x 0.75 mm ²	158,38	60,63
35.500.2170	16 x 0.75 mm ²	172,75	60,63
35.500.2171	18 x 0.75 mm ²	187,13	63,75
35.500.2172	20 x 0.75 mm ²	202,13	63,75
35.500.2173	25 x 0.75 mm ²	235,88	63,75
35.500.2174	2 x 1.0 mm ²	70,00	42,50
35.500.2175	3 x 1.0 mm ²	78,88	42,50
35.500.2176	4 x 1.0 mm ²	89,13	45,63
35.500.2177	5 x 1.0 mm ²	102,88	50,00
35.500.2178	6 x 1.0 mm ²	116,00	53,13
35.500.2179	7 x 1.0 mm ²	123,50	53,13
35.500.2180	8 x 1.0 mm ²	129,75	53,13
35.500.2181	9 x 1.0 mm ²	142,88	56,25
35.500.2182	10 x 1.0 mm ²	153,50	60,63
35.500.2183	12 x 1.0 mm ²	172,88	60,63
35.500.2184	14 x 1.0 mm ²	188,50	63,75
35.500.2185	16 x 1.0 mm ²	208,50	63,75
35.500.2186	18 x 1.0 mm ²	227,88	66,88
35.500.2187	20 x 1.0 mm ²	246,63	66,88
35.500.2188	25 x 1.0 mm ²	293,50	71,25
35.500.2189	2 x 1.5 mm ²	76,63	42,50
35.500.2190	3 x 1.5 mm ²	88,63	45,63
35.500.2191	4 x 1.5 mm ²	104,75	50,00
35.500.2192	5 x 1.5 mm ²	119,75	53,13
35.500.2193	6 x 1.5 mm ²	132,25	53,13
35.500.2194	7 x 1.5 mm ²	142,88	53,13
35.500.2195	8 x 1.5 mm ²	154,13	53,13

35.400.-Low Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.500.2196	9 x 1.5 mm ²	174,13	60,63
35.500.2197	10 x 1.5 mm ²	188,50	63,75
35.500.2198	12 x 1.5 mm ²	211,00	63,75
35.500.2199	14 x 1.5 mm ²	231,00	63,75
35.500.2200	16 x 1.5 mm ²	257,88	66,88
35.500.2201	18 x 1.5 mm ²	282,25	71,25
35.500.2202	20 x 1.5 mm ²	311,63	74,38
35.500.2203	25 x 1.5 mm ²	366,63	74,38
35.500.2204	2 x 2.5 mm ²	98,50	50,00
35.500.2205	3 x 2.5 mm ²	113,50	50,00
35.500.2206	4 x 2.5 mm ²	132,88	53,13
35.500.2207	5 x 2.5 mm ²	155,38	56,25
35.500.2208	6 x 2.5 mm ²	176,63	60,63
35.500.2209	7 x 2.5 mm ²	196,00	63,75
35.500.2210	8 x 2.5 mm ²	214,75	63,75
35.500.2211	9 x 2.5 mm ²	235,38	66,88
35.500.2212	10 x 2.5 mm ²	261,63	74,38
35.500.2213	12 x 2.5 mm ²	296,63	74,38
35.500.2214	14 x 2.5 mm ²	336,63	74,38
35.500.2215	16 x 2.5 mm ²	381,63	81,88
35.500.2216	18 x 2.5 mm ²	416,00	85,00
35.500.2217	20 x 2.5 mm ²	452,25	85,00
35.500.2218	25 x 2.5 mm²	539,75	85,00
	LIY (St) CY-TP signal cable		
35.500.2401	2x2x0.22 mm ²	60,75	42,50
35.500.2402	3 x 2 x 0.22 mm ²	67,63	42,50
35.500.2403	4 x 2 x 0.22 mm ²	74,00	42,50
35.500.2404	5x2x0.22 mm ²	81,00	45,63
35.500.2405	6x2x0.22 mm ²	92,75	50,00
35.500.2406	7x2x0.22 mm ²	99,75	53,13
35.500.2407	8x2x0.22 mm ²	106,63	53,13
35.500.2408	10x2x0.22 mm ²	121,13	56,25
35.500.2409	12x2x0.22 mm ²	131,13	56,25
35.500.2410	15x2x0.22 mm ²	166,13	60,63
35.500.2411	18x2x0.22 mm ²	200,50	63,75
35.500.2412	20x2x0.22 mm ²	224,88	66,88
35.500.2413	25x2x0.22 mm ²	239,88	66,88
35.500.2414	2x2x0.34 mm ²	69,50	42,50
35.500.2415	3x2x0.34 mm ²	82,25	45,63
35.500.2416	4x2x0.34 mm ²	91,63	45,63
35.500.2417	5x2x0.34 mm ²	108,50	53,13
35.500.2418	6x2x0.34 mm ²	116,00	53,13
35.500.2419	7x2x0.34 mm ²	126,00	53,13
35.500.2420	8x2x0.34 mm ²	136,63	56,25
35.500.2421	10x2x0.34 mm ²	158,63	60,63
35.500.2422	12x2x0.34 mm ²	179,88	60,63
35.500.2423	15x2x0.34 mm ²	221,75	63,75

35.400.-Low Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.500.2424	2x2x0.50 mm ²	81,38	50,00
35.500.2425	3x2x0.50 mm ²	95,25	53,13
35.500.2426	4x2x0.50 mm ²	106,00	53,13
35.500.2427	5x2x0.50 mm ²	117,25	56,25
35.500.2428	6x2x0.50 mm ²	132,25	60,63
35.500.2429	7x2x0.50 mm ²	144,75	63,75
35.500.2430	8x2x0.50 mm ²	156,00	63,75
35.500.2431	9x2x0.50 mm ²	167,38	66,88
35.500.2432	10x2x0.50 mm ²	183,00	71,25
35.500.2433	12x2x0.50 mm ²	208,00	71,25
35.500.2434	2x2x0.75 mm ²	89,88	53,13
35.500.2435	3x2x0.75 mm ²	106,63	53,13
35.500.2436	4x2x0.75 mm ²	121,63	56,25
35.500.2437	5x2x0.75 mm ²	139,13	60,63
35.500.2438	6x2x0.75 mm ²	157,25	63,75
35.500.2439	7x2x0.75 mm ²	171,00	66,88
35.500.2440	8x2x0.75 mm ²	187,25	66,88
35.500.2441	10x2x0.75 mm ²	218,63	74,38
35.500.2442	12x2x0.75 mm ²	252,38	74,38
35.500.2443	14x2x0.75 mm ²	261,75	77,50
35.500.2444	16x2x0.75 mm ²	283,00	85,00
35.500.2445	18x2x0.75 mm ²	315,50	85,00
35.500.2446	20x2x0.75 mm ²	358,00	92,50
35.500.2447	25x2x0.75 mm ²	441,75	92,50
35.500.2448	2x2x1.00 mm ²	98,50	53,13
35.500.2449	3x2x1.00 mm ²	121,63	56,25
35.500.2450	4x2x1.00 mm ²	141,00	60,63
35.500.2451	5x2x1.00 mm ²	161,00	63,75
35.500.2452	6x2x1.00 mm ²	183,50	66,88
35.500.2453	7x2x1.00 mm ²	201,63	71,25
35.500.2454	8x2x1.00 mm ²	222,25	74,38
35.500.2455	10x2x1.00 mm ²	245,50	77,50
35.500.2456	12x2x1.00 mm ²	303,63	81,88
35.500.2457	14x2x1.00 mm ²	326,75	85,00
35.500.2458	16x2x1.00 mm ²	347,38	88,13
35.500.2459	18x2x1.00 mm ²	385,50	92,50
35.500.2460	20x2x1.00 mm ²	464,88	95,63
35.500.2461	25x2x1.00 mm ²	599,25	98,75
35.500.2462	2x2x1.50 mm ²	114,13	56,25
35.500.2463	3x2x1.50 mm ²	142,25	60,63
35.500.2464	4x2x1.50 mm ²	167,88	63,75
35.500.2465	5x2x1.50 mm ²	196,00	66,88
35.500.2466	6x2x1.50 mm ²	224,13	71,25
35.500.2467	7x2x1.50 mm ²	246,00	74,38
35.500.2468	8x2x1.50 mm ²	269,75	74,38
35.500.2469	10x2x1.50 mm ²	334,25	85,00
35.500.2470	12x2x1.50 mm ²	385,50	85,00

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.500.2471	14x2x1.50 mm ²	399,88	88,13
35.500.2472	16x2x1.50 mm ²	456,13	95,63
35.500.2473	18x2x1.50 mm ²	505,50	98,75
35.500.2474	20x2x1.50 mm ²	593,63	103,13
35.500.2475	25x2x1.50 mm ²	850,50	106,25
35.500.2476	2x2x2.50 mm ²	147,88	63,75
35.500.2477	3x2x2.50 mm ²	189,75	66,88
35.500.2478	4x2x2.50 mm ²	236,00	74,38
35.500.2479	5x2x2.50 mm ²	272,88	77,50
35.500.2480	6x2x2.50 mm ²	317,88	85,00
35.500.2481	7x2x2.50 mm ²	350,38	85,00
35.500.2482	8x2x2.50 mm ²	393,50	88,13
35.500.2483	10x2x2.50 mm ²	468,63	95,63
35.500.2484	12x2x2.50 mm ²	568,63	103,13
35.500.2485	14x2x2.50 mm ²	599,25	106,25
35.500.2486	16x2x2.50 mm ²	696,75	113,75
35.500.2487	18x2x2.50 mm ²	884,88	116,88
35.500.2488	20x2x2.50 mm ²	933,00	127,50
35.500.2489	25x2x2.50 mm ²	994,25	127,50
35.505.0000	COAXIAL AND COPPER DATA CABLES		
35.505.1000	Coaxial Cables: (Unit: m) Supply to the work site, including gateway and security pipes, any material and labor, of coaxial cables manufactured as per TS EN 50117-1 and 2014/35/EU Low Voltage Directive and released with the CE compliance marking, for use with radio, TV, radar, fire control, several transmitter devices, security satellite aeriels, CCTV aeriels and measurement systems, and applications where signal loss should be minimized or external interference should be avoided. Cable Type Impedance (ohm)		
35.505.1001	RG 6AU 75	96,79	45,63
35.505.1002	RG 11 A/U 75	94,84	53,13
35.505.1003	RG 59 B/U 75	63,58	45,63
35.505.1004	RG 216 U 75	91,81	31,88
35.505.1005	RF 75-7-1 75	68,86	31,88
35.505.1006	RF 75-7-3 75	91,81	31,88
35.505.1007	RG 8A/U 50	93,41	45,63
35.505.1008	RG 58 A/U 50	51,80	39,38
35.505.1009	RG 58 C/U 50	58,14	39,38
35.505.1010	RG 58-U 50	56,25	39,38
35.505.1011	RG 174-U 50	44,30	31,88
35.505.1012	RG 212 -U 50	149,86	31,88
35.505.1013	RG 213-U 50	125,64	56,25
35.505.1014	RG 214-U 50	230,86	31,88
35.505.1015	RG 59-U-4 75	58,98	42,50
35.505.1016	RG 59-U-6 75	49,83	31,88
35.505.1017	RG 6/U-4 75	49,83	31,88
35.505.1018	RG 6/U-4P 75	53,08	31,88
35.505.1019	RG 6/U-4A 75	64,81	31,88
35.505.1020	RG 6/U-6 75	65,18	42,50
35.505.1021	RG 6/U-6P 75	54,55	31,88

35.400.-Low Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.505.1022	RG 6/U-6A 75	73,59	31,88
35.505.1023	RG 11/U-4 75	97,96	56,25
35.505.1024	RG 11/U-4P 75	73,59	31,88
35.505.1025	RG 11/U-4A 75	79,66	31,88
35.505.1026	RG 11/U-6 75	99,31	56,25
35.505.1027	RG 11/U-6 75	95,19	31,88
35.505.1028	RG 11/U-6P 75	76,29	31,88
35.505.1029	HF 7537 75	42,95	31,88
35.505.1030	RG 62 A/U 93/105	59,38	42,50
35.505.1031	RG 62 A/U-1 93/105	53,08	31,88
35.505.1032	RG 62 A/U-2 93/105	48,75	31,88
35.505.1033	RG 71 B/U 93/105	73,01	42,50
35.505.2000	COPPER DATA CABLES (Unit: m.)		
35.505.2010	U/UTP Cat 5e Cable: (Unit: m) Supply, transportation to the work site, installation and testing, including any minor materials and labor, of cables compliant with the standards ANSI/TIA/EIA-568, TS EN 50288-3-1,2, and ISO 11801, with 4 pairs, 4 color codes (blue - blue white, orange - orange white, green - green white, brown - brown white) unshielded twisted pairs and PVC outer casing for all of the wires in CAT 5e standard and in compliance with the 24 AWG (American Wire Gauge) 0.5-mm bare-stranded copper coating criteria, which shall be used for 100-Mbps data communication at 100 MHz bandwidth for horizontal installations of local area networks (LAN) (The pipes, if the cable is laid through pipes, or the trays, if the cable is laid on trays, shall be charged per the relevant item).	59,18	42,50
35.505.2020	F/UTP Cat 5e Cable: (Unit: m) Supply, transportation to the work site, installation and testing, including any minor materials and labor, of cables compliant with the standards ANSI/TIA/EIA-568, TS EN 50288-3-1,2, and ISO 11801, with 4 pairs, 4 color codes (blue - blue white, orange - orange white, green - green white, brown - brown white) twisted pairs without shielding and PVC outer casing made of a polyester strip and tin foil winding for all of the wires in CAT 5e standard and in compliance with the 24 AWG (American Wire Gauge) 0.5-mm bare-stranded copper coating criteria, which shall be used for 100-Mbps data communication at 100 MHz bandwidth for horizontal installations of local area networks (LAN) (The pipes, if the cable is laid through pipes, or the trays, if the cable is laid on trays, shall be charged per the relevant item).	62,08	42,50
35.505.2030	U/UTP Cat 6 Cable: (Unit: m) Supply, transportation to the work site, installation, and testing—including all minor materials and labor—of Category 6 (Cat 6) cable suitable for horizontal LAN installations, supporting data transmission at 250 Mbps over a 250 MHz bandwidth. The cable shall consist of 4 unshielded twisted pairs (UTP) with 4 distinct color codes (blue—blue/white, orange—orange/white, green—green/white, brown—brown/white), arranged around a star-shaped separator and enclosed in a PVC outer sheath. It shall conform to 23 AWG (American Wire Gauge) with 0.57 mm bare copper conductors and meet the standards ANSI/TIA/EIA-568, TS EN 50288-5-1, and ISO 11801. If installed through conduits or cable trays, the cost of the conduit or tray shall be covered under the relevant item.	62,65	42,50
35.505.2040	F/UTP Cat 6 Cable: (Unit: m) Supply, transportation to the work site, installation and testing, including any minor materials and labor, of cables compliant with the standards ANSI/TIA/EIA-568, TS EN 50288-5-1, and ISO 11801, with 4 pairs, 4 color codes (blue - blue white, orange - orange white, green - green white, brown - brown white) unshielded twisted pairs fully wrapped in a polyester strip and tin foil and PVC outer casing around a star separator for all of the wires in CAT 6 standard and in compliance with the 23 AWG (American Wire Gauge) 0.57-mm bare-stranded copper coating criteria, which shall be used for 250-Mbps data communication at 250 MHz bandwidth for horizontal installations of local area networks (LAN) (The pipes, if the cable is laid through pipes, or the trays, if the cable is laid on trays, shall be charged per the relevant item).	68,03	42,50
35.505.2100	Cat Patch Cord Price Difference: (Unit: Qty.) Price difference for a cat network cable with RJ-45 connectors on both ends and terminated with factory-made termination. Payment is made per item 35.505.2000 or 35.515.7000 depending on the type of cable.	180,00	
35.505.6100	UTP CAT 5e Flush-mounted Single Socket: (Unit: Qty.) The product with 8 x RJ-45 °Contact in CAT 5e Standards cores with connector contact points coated	380,38	221,25

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	with a highly conductive material for use for 100-Mbps data communication at 100 MHz bandwidth for horizontal installations of local area networks (LAN). Unshielded, compliant with the standards ANSI/TIA/EIA-568B.2 and ISO/IEC -11801, flush-mounted, single-port, PVC frame, spring-loaded cover, including labor, labels, installation, testing and transportation.		
35.505.6110	UTP CAT 5e Flush-mounted Double Socket: (Unit: Qty.) The product with 8 x RJ-45 °Contact cores in CAT 5e Standards with connector contact points coated with a highly conductive material for use for 100-Mbps data communication at 100 MHz bandwidth for horizontal installations of local area networks (LAN). Unshielded, compliant with the standards ANSI/TIA/EIA-568B.2 and ISO/IEC -11801, flush-mounted, two-port, PVC frame, spring-loaded cover, including labor, labels, installation, testing and transportation.	409,13	221,25
35.505.6120	UTP CAT 5e Surface-mounted Single Socket (Unit: Qty.) The product with 8 x RJ-45 °Contact cores in CAT 5e Standards with connector contact points coated with a highly conductive material for use for 100-Mbps data communication at 100 MHz bandwidth for horizontal installations of local area networks (LAN). Unshielded, compliant with the standards ANSI/TIA/EIA-568B.2 and ISO/IEC -11801, surface-mounted, single-port, PVC frame, Socket Box, spring-loaded cover, including labor, labels, installation, testing and transportation.	435,38	221,25
35.505.6130	UTP CAT 5e Surface-mounted Double Socket (Unit: Qty.) The product with 8 x RJ-45 °Contact cores in CAT 5e Standards with connector contact points coated with a highly conductive material for use for 100-Mbps data communication at 100 MHz bandwidth for horizontal installations of local area networks (LAN). Unshielded, compliant with the standards ANSI/TIA/EIA-568B.2 and ISO/IEC -11801, surface-mounted, double-port, PVC frame, Socket Box, spring-loaded cover, including labor, labels, installation, testing and transportation.	435,38	221,25
35.505.6140	FTP CAT 5e Surface-mounted Single Socket (Unit: Qty.) The product with 8 x RJ-45 °Contact cores in CAT 5e Standards with connector contact points coated with a highly conductive material for use for 100-Mbps data communication at 100 MHz bandwidth for horizontal installations of local area networks (LAN). Unshielded, with fully-protected non-corrosive metal exterior, compliant with the standards ANSI/TIA/EIA-568B.2 and ISO/IEC -11801, surface-mounted, single-port, PVC frame, backbox, spring-loaded cover, label, including labor, installation, labels, testing and transportation.	435,38	221,25
35.505.6150	FTP CAT 5e Surface-mounted Double Socket (Unit: Qty.) The product with 8 x RJ-45 °Contact cores in CAT 5e Standards with connector contact points coated with a highly conductive material for use for 100-Mbps data communication at 100 MHz bandwidth for horizontal installations of local area networks (LAN). Unshielded, with fully-protected non-corrosive metal exterior, compliant with the standards ANSI/TIA/EIA-568B.2 and ISO/IEC -11801, surface-mounted, double-port, PVC frame, backbox, spring-loaded cover, label, including labor, installation, labels, testing and transportation.	435,38	221,25
35.505.6160	FTP CAT 5e Flush-mounted Single Socket: (Unit: Qty.) The product with 8 x RJ-45 °Contact cores in CAT 5e Standards with connector contact points coated with a highly conductive material for use for 100-Mbps data communication at 100 MHz bandwidth for horizontal installations of local area networks (LAN). Unshielded, with fully-protected non-corrosive metal exterior, compliant with the standards ANSI/TIA/EIA-568B.2 and ISO/IEC -11801, flush-mounted, single-port, PVC frame, spring-loaded cover, label, including labor, installation, testing and transportation.	384,13	221,25
35.505.6170	FTP CAT 5e Flush-mounted Double Socket : (Unit: Qty.) The product with 8 x RJ-45 °Contact cores in CAT 5e Standards with connector contact points coated with a highly conductive material for use for 100-Mbps data communication at 100 MHz bandwidth for horizontal installations of local area networks (LAN). Unshielded, with fully-protected non-corrosive metal exterior, compliant with the standards ANSI/TIA/EIA-568B.2 and ISO/IEC -11801, flush-mounted, double-port, PVC frame, spring-loaded cover, label, including labor, installation, testing and transportation.	510,38	221,25
35.505.6180	UTP CAT 6 Surface-mounted Single Socket (Unit: Qty.) The product with 8 x RJ-45 °Contact cores in CAT 6 Standards with connector contact points coated with a highly conductive material for use for 250-Mbps data communication at 250 MHz bandwidth for horizontal installations of local area networks (LAN) in CAT 6 standard. Unshielded, compliant with the standards ANSI/TIA/EIA-568B.2 and ISO/IEC -11801, surface-mounted, single-port, PVC frame, spring-loaded socket cover, including labor, installation, testing and transportation.	435,38	221,25

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.505.6190	UTP CAT 6 Surface-mounted Double Socket: (Unit: Qty.) The product with 8 x RJ-45 °Contact cores in CAT 6 Standards with connector contact points coated with a highly conductive material for use for 250-Mbps data communication at 250 MHz bandwidth for horizontal installations of local area networks (LAN), in CAT 6 standards. Unshielded, compliant with the standards ANSI/TIA/EIA-568B.2 and ISO/IEC -11801, surface-mounted, double-port, PVC frame, Socket Box, spring-loaded cover, and labels, including labor, installation, testing and transportation.	547,88	221,25
35.505.6200	UTP CAT 6 Flush-mounted Single Socket: (Unit: Qty.) The product with 8 x RJ-45 °Contact cores with connector contact points coated with a highly conductive material for use for 250-Mbps data communication at 250 MHz bandwidth for horizontal installations of local area networks (LAN), in CAT 6 standards. Unshielded, compliant with the standards ANSI/TIA/EIA-568B.2 and ISO/IEC -11801, ISO-certified, flush-mounted, single-port, PVC frame, Socket Box, spring-loaded cover, and labels, including labor, installation, testing and transportation.	405,38	221,25
35.505.6210	UTP CAT 6 Flush-mounted Double Socket: (Unit: Qty.) The product with 8 x RJ-45 °Contact cores in CAT 6 Standards with connector contact points coated with a highly conductive material for use for 250-Mbps data communication at 250 MHz bandwidth for horizontal installations of local area networks (LAN), in CAT 6 standards. Unshielded, compliant with the standards ANSI/TIA/EIA-568B.2 and ISO/IEC -11801, flush-mounted, double-port, PVC frame, Socket Box, spring-loaded cover, and labels, including labor, installation, testing and transportation.	560,38	221,25
35.505.7100	UTP CAT 5e Patch Panel: (Unit: Qty.) The item shall be in CAT 5E standards, 19 inches wide, unshielded, with RJ-45 8-contact female connector, and the Connector Contact Point coated with a highly conductive material, which shall be used at 100-MHz bandwidth and 100-Mbps data transfer rate for cable terminations at the points of contact in local area networks (LAN), horizontal distribution and telecommunication rooms, equipment terminations and noisy environments. It shall be made of steel, aluminum, aluminum alloy or anodized aluminum, in compliance with the standards ANSI/TIA/EIA-568 B and ISO/IEC -11801, and labels, labor, installation, testing and transportation shall be included.		
35.505.7101	24 Ports	3.028,68	1.198,44
35.505.7102	48 Ports	4.667,84	1.198,44
35.505.7200	FTP CAT 5e Patch Panel: (Unit: Qty.) The item shall be in CAT 5E standards, 19 inches wide, shielded, with RJ-45 8-contact female connector, and the Connector Contact Point coated with a highly conductive material, which shall be used at 100-MHz bandwidth and 100-Mbps data transfer rate for cable terminations at the points of contact in local area networks (LAN), horizontal distribution and telecommunication rooms, equipment terminations and noisy environments. It shall be made of steel, aluminum, aluminum alloy or anodized aluminum, in compliance with the standards ANSI/TIA/EIA-568 B and ISO/IEC -11801, and labels, labor, installation, testing and transportation shall be included.		
35.505.7201	24 Ports	4.190,44	1.198,44
35.505.7202	48 Ports	5.086,40	1.198,44
35.505.7300	UTP CAT 6 Patch Panel: (Unit: Qty.) The item shall be in CAT 6 standards, 19 inches wide, unshielded, with RJ-45 8-contact female connector, and the Connector Contact Point coated with a highly conductive material, which shall be used at 250-MHz bandwidth and 1000-Mbps data transfer rate for cable terminations at the points of contact in local area networks (LAN), horizontal distribution and telecommunication rooms, equipment terminations. It shall be made of steel, aluminum, aluminum alloy or anodized aluminum, in compliance with the standards ANSI/TIA/EIA-568 B.2-1 and ISO/IEC -11801, and labels, labor, installation, and testing shall be included.		
35.505.7301	24 Ports	4.821,84	1.198,44
35.505.7302	48 Ports	8.711,44	1.198,44
35.510.0000	MAIN LINE INSTALLATION: (TS-3930)		
35.510.1100	Trunk line installation within the building: (Unit: m) Installing trunk line wires with PVC-insulated and PVC-sheathed telephone cables 0.5 mm in diameter with conductors color-coded as per the standards and installed to prevent through		

35.400.-Low Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	peschel, bergman or PVC pipes within the building, including any minor material and labor.		
35.510.1101	Up to 1 pair (with ground) P.14	81,65	65,25
35.510.1102	Up to 2 pairs (with ground) P.14	88,16	68,38
35.510.1103	Up to 4 pairs (with ground) P.14	98,85	70,69
35.510.1104	Up to 6 pairs (with ground) P.18	111,28	73,81
35.510.1105	Up to 10 pairs (with ground) P.18	128,38	76,94
35.510.1107	Up to 20 pairs (with ground) P.26	199,45	97,38
35.510.1108	Up to 30 pairs (with ground) P.26	237,18	102,56
35.510.1109	Up to 50 pairs (with ground) P.37	336,94	118,63
35.510.1110	Up to 100 pairs (with ground) P.37	543,04	136,75
35.510.1200	Trunk line installation outside the building: (Unit: m) (TS-3930) Installation of main line wiring at building interior or exterior using exterior type telephone cables 0.5 mm in diameter, manufactured as certified for compliance with the TS EN 60708 standard, colored as per the relevant standards and positioned to prevent crosstalk, resistant to moisture and water, with annealed electrolytic copper conductors, polyethylene insulator, polyethylene interior jacket, aluminum shield and polyethylene exterior jacket laid through cable ducts, reinforced concrete ducts, PVC pipes or directly through earth at building exterior, and through peschel, bergman and PVC pipes or cable clips at building interior, including any minor material and labor (installation of PVC pipes, cable ducts, conduits, bricks, briquettes and laying sand at building exterior shall be charged per the relevant items.)		
35.510.1201	Up to 2 pairs (with ground)	70,41	50,00
35.510.1202	Up to 6 pairs (with ground)	88,35	53,13
35.510.1203	Up to 10 pairs (with ground)	105,26	56,25
35.510.1204	Up to 20 pairs (with ground)	150,33	63,75
35.510.1205	Up to 30 pairs (with ground)	205,80	71,25
35.510.1206	Up to 50 pairs (with ground)	285,50	77,50
35.510.1207	Up to 100 pairs (with ground)	497,71	95,63
35.510.1208	Up to 150 pairs (with ground)	747,15	106,25
35.510.1209	Up to 200 pairs (with ground)	879,85	120,00
35.510.1300	Exterior-type telephone cable with suspension wires and 0.5 mm in diameter (Unit: m.)		
35.510.1301	Up to 10 pairs (with ground)	114,10	53,13
35.510.1302	Up to 20 pairs (with ground)	161,64	60,63
35.510.1303	Up to 30 pairs (with ground)	203,63	63,75
35.510.1304	Up to 50 pairs (with ground)	286,40	71,25
35.510.1305	Up to 100 pairs (with ground)	491,25	85,00
35.510.1306	Up to 150 pairs (with ground)	687,65	98,75
35.510.1307	Up to 200 pairs (with ground)	885,60	106,25
35.510.1400	Exterior-type telephone cable with suspension wires and 0.9 mm in diameter (Unit: m.)		
35.510.1401	Up to 10 pairs (with ground)	197,53	63,75
35.510.1402	Up to 20 pairs (with ground)	304,61	77,50
35.510.1403	Up to 30 pairs (with ground)	408,18	85,00
35.510.1404	Up to 50 pairs (with ground)	618,10	98,75
35.510.1500	Trunk line installation outside the building: (Unit: m) Installation of main line wiring at building interior or exterior using exterior type telephone cables 0.9 mm in diameter, manufactured as certified for compliance with the TS EN 60708 standard, colored as per the relevant standards and positioned to prevent crosstalk, resistant to moisture and water, with annealed electrolytic copper conductors, polyethylene insulator, polyethylene interior jacket, aluminum shield and polyethylene exterior jacket as described in the item 35.510.1200.		
35.510.1501	Up to 10 pairs (with ground)	199,09	66,88
35.510.1502	Up to 20 pairs (with ground)	331,48	85,00
35.510.1503	Up to 30 pairs (with ground)	436,35	92,50

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.510.1504	Up to 50 pairs (with ground)	692,55	106,25
35.510.1505	Up to 100 pairs (with ground)	1.334,81	130,63
35.510.1600	Telephone distribution panels: (Unit: Qty.) A flush-mounted or surface-mounted distribution panel on each floor with hinged and lockable door and made of 1-mm-thick DKP sheet metal and coated with gun-sprayed paint of the desired color, including small fixtures and fittings, special telephone terminal box, duly forming and soldering the cable tips entering the box, any minor material and labor.		
35.510.1601	Up to 10 pairs	913,38	646,88
35.510.1602	Up to 30 pairs	1.164,28	646,88
35.510.1603	Up to 50 pairs	1.586,95	918,75
35.510.1604	Up to 100 pairs	2.350,23	1.190,63
35.510.1605	Up to 150 pairs	3.009,06	1.514,06
35.510.1606	Up to 200 pairs	3.566,94	1.785,94
35.510.1700	Self-extinguishing plastic telephone distribution panels: (Unit: Qty.) Self-extinguishing plastic telephone distribution panel, including a cable termination module that couples cables without screws or solder and by separating the cable insulator without using any other tool, and a (seamless) stainless steel roof and coupling of the flush-mounted or surface-mounted cables by appropriate color codes. The other specifications shall be the same as the item 35.510.1600.		
35.510.1701	Up to 20 pairs	1.423,88	646,88
35.510.1702	Up to 30 pairs	1.566,68	646,88
35.510.1703	Up to 50 pairs	2.227,05	918,75
35.510.1704	Up to 100 pairs	3.693,83	1.190,63
35.510.1705	Up to 150 pairs	5.168,06	1.514,06
35.510.1706	Up to 200 pairs	6.405,94	1.785,94
35.510.1800	Weather-proof plastic distribution panels: (Unit: Qty.) (TSE Certificate of Quality) Glass-fiber-reinforced polyester weather-proof telephone box: Cable termination module coupled by a coupling instrument without using screws or solder, by peeling off the cable insulator. The panel shall have a weather-proof (seamless) stainless steel roof, and the cables entering the panel shall be contacted according to the color codes. Other specifications shall be as specified in the item 35.510.1600.		
35.510.1801	Up to 30 pairs	2.129,48	646,88
35.510.1802	Up to 50 pairs	2.794,05	918,75
35.510.1803	Up to 80 pairs	3.903,83	1.190,63
35.510.1804	Up to 100 pairs	4.301,70	1.462,50
35.510.1805	Up to 150 pairs	5.754,94	1.785,94
35.510.1806	Up to 200 pairs	6.951,94	1.785,94
35.510.1900	Telephone device and its installation: (Unit: Qty.) Supply and delivery in working order, including any minor material and labor, of a desktop or wall-mounted telephone. Quality certified by TSE.		
35.510.1901	Service type	207,60	
35.510.1902	Push-button, automatic type	952,80	
35.510.2000	Telephone wiring outlet line: (Unit: Qty.) Installation of a flush-mounted or surface-mounted telephone outlet line by a plastic-sheath telephone cable (TS EN 60708 with plastic-insulated conductors 0.50 mm in diameter in peschel, bergman or PVC. Junction box, special telephone socket plug, casing and any minor material and labor shall be included. (An individual line shall be installed for each telephone from the floor distribution panel, including the ground line and excluding the trunk line and the device.) Unit: No payment shall be made unless the length of the outlet line exceeds 20 m. The part of the outlet line exceeding 20 m shall be charged per the item 35.510.0000.	1.439,59	1.096,88
35.510.2100	Parallel telephone outlet line: (Unit: Qty.) Installation of a flush-mounted or surface-mounted parallel telephone outlet line by a plastic-sheath telephone cable (TS EN 60708) with plastic-insulated conductors 0.5 mm in diameter in peschel, bergman or PVC pipe. Junction box, terminal block, special telephone socket and plug, casing, and all	1.000,40	756,63

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	minor materials and labor shall be included—excluding the main line and the device, but including the earth line. Unit: No additional charges shall apply unless the length of the outlet line exceeds 20 m. The part of the outlet line exceeding 20 m shall be charged per the item 35.510.0000.		
35.510.2200	Weather-proof telephone outlet line: (Unit: Qty.) Unit Price No. The same as the item 35.510.2000 except that the telephone outlet line shall only be made of weather-proof materials and with PVC-insulated polyethylene-sheathed telephone wires. Unit: No additional charges shall apply unless the length of the outlet line exceeds 20 m. The part of the outlet line exceeding 20 m shall be charged per the item 35.510.0000.	1.503,98	1.096,88
35.510.2300	Telephone plug - socket: (Unit: Qty.) Installation, including the housing and any minor material and labor, of telephone plugs and sockets with threaded connection leads and fireproof housing, for use with telephones, which shall be equipped with male and female contacts, used as flush mounted and surface mounted, and designed differently from the plugs and sockets to be used with high current.	341,08	221,25
35.510.3100	Telephone wiring outlet line (LSOH): (Unit: Qty.) Installation of a flush-mounted or surface-mounted telephone outlet line by a LSOH-sheath telephone cable with plastic-insulated conductors 0,50 mm in diameter in the HFFR pipe. Junction box, special telephone socket, plug, casing and any minor material and labor shall be included. (An individual line shall be installed for each telephone from the floor distribution panel, including the ground line and excluding the trunk line and the device.) Unit: No payment shall be made unless the length of the outlet line exceeds 20 m. The part of the outlet line exceeding 20 m shall be charged per the item 35.515.5000.	1.445,70	1.089,38
35.510.3200	Parallel telephone outlet line (LSOH): (Unit: Qty.) Installation of a flush-mounted or surface-mounted parallel telephone outlet line by a LSOH-sheath telephone cable with plastic-insulated conductors 0,5 mm in diameter in the HFFR pipe. Junction box, terminal block, special telephone socket and plug, casing, and all minor materials and labor shall be included—excluding the main line and the device, but including the earth line. Unit: No additional charges shall apply unless the length of the outlet line exceeds 20 m. The part of the outlet line exceeding 20 m shall be charged per the item 35.515.5000.	1.004,70	753,50
35.510.3300	Weather-proof telephone outlet line (LSOH): (Unit: Qty.) Unit Price No. The same as the item 35.510.3100 except that the telephone outlet line shall only be made of weather-proof materials and with LSOH-insulated polyethylene- or LSOH-sheathed telephone wires. Unit: No additional charges shall apply unless the length of the outlet line exceeds 20 m. The part of the outlet line exceeding 20 m shall be charged per the item 35.515.5000.	1.508,85	1.089,38
35.510.4100	VBV Internal Telephone Cable: (Unit: m) Supply and delivery to the work site of electrolytic copper conductor (TS EN 60228), PVC insulated (TS EN 60708, TS EN 50290-2-21, TS IEC 60189-2), groups of insulated conductors together with the insulated earth core covered with polyester tape, PVC outer sheathed (TS EN 50290-2-22), manufactured in accordance with the TS EN 60332-1-2 standard and the Directive on Electrical Equipment Designed for Certain Voltage Limits 2014/35/EU, outer sheath thickness in accordance with TSE K 116, including any minor material, labor and installation.		
35.510.4105	1x2x0.5+0.5	38,26	31,88
35.510.4110	2x2x0.5+0.5	44,78	35,00
35.510.4115	3x2x0.5+0.5	51,91	39,38
35.510.4120	4x2x0.5+0.5	57,53	39,38
35.510.4125	6x2x0.5+0.5	69,95	42,50
35.510.4130	10x2x0.5+0.5	87,05	45,63
35.510.4135	20x2x0.5+0.5	136,94	53,13
35.510.4140	30x2x0.5+0.5	172,60	56,25
35.510.4145	50x2x0.5+0.5	249,43	63,75
35.510.4150	100x2x0.5+0.5	458,65	85,00
35.510.4155	200x2x0.5+0.5	847,59	106,25
35.510.4200	PDV Internal Telephone Cable: (Unit: m) Supply and delivery to the work site of electrolytic copper conductor (TS EN 60228), polyethylene insulated (TS EN 60708, TS EN 50290-2-21, TS IEC 60189-2), groups of insulated conductors together with the insulated earth core covered with polyester tape, PVC outer sheathed (TS EN 50290-2-23), manufactured in accordance with the TS EN 60332-1-2 standard and the Directive on Electrical Equipment Designed for Certain Voltage Limits 2014/35/EU, outer sheath thickness in accordance with TSE K 116, including any minor material, labor and installation.		

35.400.-Low Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.510.4205	1x2x0.5+0.5	38,60	31,88
35.510.4210	2x2x0.5+0.5	45,20	35,00
35.510.4215	3x2x0.5+0.5	53,71	39,38
35.510.4220	4x2x0.5+0.5	57,53	39,38
35.510.4225	6x2x0.5+0.5	69,11	42,50
35.510.4230	10x2x0.5+0.5	88,40	45,63
35.510.4235	20x2x0.5+0.5	133,31	53,13
35.510.4240	30x2x0.5+0.5	173,39	56,25
35.510.4245	50x2x0.5+0.5	257,56	63,75
35.510.4250	100x2x0.5+0.5	463,39	85,00
35.510.4255	200x2x0.5+0.5	847,59	106,25
35.515.0000	HALOGEN-FREE CABLES		
35.515.1000	J-H(St)H HALOGEN-FREE FIRE ALARM CABLES (Unit: m.) (VDE 0815) Supply to the work site, including the gateway and safety pipes, any material and labor, of insulated fire alarm cables with copper conductors complying with TS EN 60228, an operating temperature range of -30 °C to +70 °C (for fixed wiring) as per DIN VDE 0815, halogen-free, flame-retardant cladding insulation as per TS EN 50290-2-26, twisted strands, aluminum foil wrapping and earth wire, where the exterior casing shall be RAL 7032 gray, halogen-free, flame-retardant in compliance with TS 13767, TS EN 50290-2-27, which shall be used for security systems, communication, indoor and dry areas. Note: The item will be manufactured in compliance with the TS EN 50575 and TS EN 50575/A1 standards, and the Regulation (EU) No. 305/2011 Construction Products. It will be released with a CE marking, and the Declaration of Performance by the manufacturer and Performance Stability Certificate issued by an organization accredited by the European Union.		
35.515.1001	1 x 2 x 0.8 + 0.8 mm ²	58,83	42,50
35.515.1002	2 x 2 x 0.8 + 0.8 mm ²	68,18	42,50
35.515.1003	3 x 2 x 0.8 + 0.8 mm ²	84,68	50,00
35.515.1004	4 x 2 x 0.8 + 0.8 mm ²	97,09	50,00
35.515.1005ae	5 x 2 x 0.8 + 0.8 mm ²	121,64	53,13
35.515.1006ae	6 x 2 x 0.8 + 0.8 mm ²	137,79	53,13
35.515.1007ae	8 x 2 x 0.8 + 0.8 mm ²	165,56	56,25
35.515.1008ae	10 x 2 x 0.8 + 0.8 mm ²	212,16	63,75
35.515.1009	1 x 2 x 1 + 1 mm ²	66,30	42,50
35.515.1010	2 x 2 x 1 + 1 mm ²	87,74	50,00
35.515.1011	3 x 2 x 1 + 1 mm ²	105,31	53,13
35.515.1012	4 x 2 x 1 + 1 mm ²	127,44	60,63
35.515.1013ae	5 x 2 x 1 + 1 mm ²	149,26	63,75
35.515.1014ae	6 x 2 x 1 + 1 mm ²	188,36	63,75
35.515.1015ae	8 x 2 x 1 + 1 mm ²	236,66	71,25
35.515.1016ae	10 x 2 x 1 + 1 mm ²	283,99	74,38
35.515.1017	1 x 2 x 1.5 + 1.5 mm ²	89,95	50,00
35.515.1018	2 x 2 x 1.5 + 1.5 mm ²	107,61	42,50
35.515.1019	3 x 2 x 1.5 + 1.5 mm ²	153,51	63,75
35.515.1020	4 x 2 x 1.5 + 1.5 mm ²	181,29	66,88
35.515.1021ae	5 x 2 x 1.5 + 1.5 mm ²	238,36	71,25
35.515.1022ae	6 x 2 x 1.5 + 1.5 mm ²	278,89	74,38
35.515.1023ae	8 x 2 x 1.5 + 1.5 mm ²	347,31	85,00
35.515.1024ae	10 x 2 x 1.5 + 1.5 mm ²	416,74	88,13
35.515.1025	1 x 2 x 2.5 + 2.5 mm ²	118,24	53,13
35.515.1026	2 x 2 x 2.5 + 2.5 mm ²	147,56	42,50

35.400.-Low Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.515.1027	3 x 2 x 2.5 + 2.5 mm ²	221,09	74,38
35.515.1028	4 x 2 x 2.5 + 2.5 mm ²	266,99	74,38
35.515.1029ae	5 x 2 x 2.5 + 2.5 mm ²	359,49	81,88
35.515.1030ae	6 x 2 x 2.5 + 2.5 mm ²	423,54	88,13
35.515.1031ae	8 x 2 x 2.5 + 2.5 mm ²	603,44	103,13
35.515.1032ae	10 x 2 x 2.5 + 2.5 mm ²	649,06	106,25
35.515.2000	LIH(St)H HALOGEN-FREE SIGNAL and CONTROLLER CABLE (Unit: m.) (VDE 0812) Supply to the worksite, including gateways and security pipes as well as any material and labor of halogen-free, unshielded control and internal connection cables, flexible cables used for signal and control cables used for connections of electronic systems, sound frequency transfer in any communication system, electronic data transfer, and industrial electronics, and made by twisting of cladding formed by insulation in colors in compliance with DIN 47100 and multiple twisted, annealed copper, halogen-free, flame-retardant materials in layers (operating temperature: -30 °C and +70 °C), shielded by AL-PES wrapping tape with an earthing wire, with the outer jacket made of flame-retardant HFFR compound in RAL 7001 gray, in compliance with the standards: TS 13755, IEC-332-1, IEC-332-3, IEC-60754, IEC-60332 flame test, TS EN 60332-1-2, TS EN 60754-1 and TS EN 61034-2, and certified for passing the flame test. Note: The item will be manufactured in compliance with the TS EN 50575 and TS EN 50575/A1 standards, and the Regulation (EU) No. 305/2011 Construction Products. It will be released with a CE marking, and the Declaration of Performance by the manufacturer and Performance Stability Certificate issued by an organization accredited by the European Union.		
35.515.2001ae	2 x 0.14 mm ²	37,41	31,88
35.515.2002ae	3 x 0.14 mm ²	40,25	31,88
35.515.2003ae	4 x 0.14 mm ²	42,54	31,88
35.515.2004ae	5 x 0.14 mm ²	44,30	31,88
35.515.2005ae	6 x 0.14 mm ²	46,73	31,88
35.515.2006ae	7 x 0.14 mm ²	48,48	31,88
35.515.2007ae	8 x 0.14 mm ²	50,38	31,88
35.515.2008ae	9 x 0.14 mm ²	55,65	35,00
35.515.2009ae	10 x 0.14 mm ²	57,28	35,00
35.515.2010ae	12 x 0.14 mm ²	65,30	39,38
35.515.2011ae	14 x 0.14 mm ²	69,48	39,38
35.515.2012ae	16 x 0.14 mm ²	73,13	39,38
35.515.2013ae	18 x 0.14 mm ²	77,04	39,38
35.515.2014ae	20 x 0.14 mm ²	83,81	42,50
35.515.2015ae	25 x 0.14 mm ²	94,20	42,50
35.515.2016ae	2 x 0.25 mm ²	44,59	35,00
35.515.2017ae	3 x 0.25 mm ²	47,69	35,00
35.515.2018ae	4 x 0.25 mm ²	54,90	39,38
35.515.2019ae	5 x 0.25 mm ²	58,41	39,38
35.515.2020ae	6 x 0.25 mm ²	62,33	39,38
35.515.2021ae	7 x 0.25 mm ²	68,01	42,50
35.515.2022ae	8 x 0.25 mm ²	71,25	42,50
35.515.2023ae	10 x 0.25 mm ²	77,20	42,50
35.515.2024ae	12 x 0.25 mm ²	83,68	42,50
35.515.2025ae	14 x 0.25 mm ²	93,15	45,63
35.515.2026ae	16 x 0.25 mm ²	99,35	45,63
35.515.2027ae	18 x 0.25 mm ²	106,10	45,63
35.515.2028ae	20 x 0.25 mm ²	117,23	50,00
35.515.2029ae	25 x 0.25 mm ²	133,43	50,00

35.400.-Low Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.515.2030ae	2 x 0.34 mm ²	47,96	35,00
35.515.2031ae	3 x 0.34 mm ²	56,39	39,38
35.515.2032ae	4 x 0.34 mm ²	60,70	39,38
35.515.2033ae	5 x 0.34 mm ²	68,43	42,50
35.515.2034ae	6 x 0.34 mm ²	73,55	42,50
35.515.2035ae	7 x 0.34 mm ²	77,20	42,50
35.515.2036ae	8 x 0.34 mm ²	81,79	42,50
35.515.2037ae	10 x 0.34 mm ²	93,95	45,63
35.515.2038ae	12 x 0.34 mm ²	107,10	50,00
35.515.2039ae	14 x 0.34 mm ²	115,88	50,00
35.515.2040ae	16 x 0.34 mm ²	127,78	53,13
35.515.2041ae	18 x 0.34 mm ²	137,90	53,13
35.515.2042ae	20 x 0.34 mm ²	146,68	53,13
35.515.2043ae	25 x 0.34 mm ²	170,98	53,13
35.515.2044	2 x 0.50 mm ²	53,95	39,38
35.515.2045	3 x 0.50 mm ²	62,35	42,50
35.515.2046	4 x 0.50 mm ²	67,34	42,50
35.515.2047	5 x 0.50 mm ²	72,60	42,50
35.515.2048	6 x 0.50 mm ²	80,16	42,50
35.515.2049	7 x 0.50 mm ²	83,68	42,50
35.515.2050	8 x 0.50 mm ²	92,06	45,63
35.515.2051	9 x 0.50 mm ²	101,70	50,00
35.515.2052	10 x 0.50 mm ²	108,20	53,13
35.515.2053	12 x 0.50 mm ²	121,03	53,13
35.515.2054	14 x 0.50 mm ²	131,83	53,13
35.515.2055	16 x 0.50 mm ²	142,63	53,13
35.515.2056	18 x 0.50 mm ²	155,88	56,25
35.515.2057	20 x 0.50 mm ²	167,35	56,25
35.515.2058	25 x 0.50 mm ²	201,43	60,63
35.515.2059	2 x 0.75 mm ²	61,13	42,50
35.515.2060	3 x 0.75 mm ²	68,29	42,50
35.515.2061	4 x 0.75 mm ²	75,18	42,50
35.515.2062	5 x 0.75 mm ²	82,33	42,50
35.515.2063	6 x 0.75 mm ²	93,95	45,63
35.515.2064	7 x 0.75 mm ²	100,70	45,63
35.515.2065	8 x 0.75 mm ²	115,63	53,13
35.515.2066	9 x 0.75 mm ²	122,38	53,13
35.515.2067	10 x 0.75 mm ²	129,13	53,13
35.515.2068	12 x 0.75 mm ²	143,30	53,13
35.515.2069	14 x 0.75 mm ²	163,30	56,25
35.515.2070	16 x 0.75 mm ²	182,53	60,63
35.515.2071	18 x 0.75 mm ²	200,50	63,75
35.515.2072	20 x 0.75 mm ²	215,35	63,75
35.515.2073	25 x 0.75 mm ²	253,15	63,75
35.515.2074	2 x 1.0 mm ²	69,90	42,50
35.515.2075	3 x 1.0 mm ²	78,81	42,50
35.515.2076	4 x 1.0 mm ²	88,26	42,50

35.400.-Low Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.515.2077	5 x 1.0 mm ²	101,51	45,63
35.515.2078	6 x 1.0 mm ²	117,36	50,00
35.515.2079	7 x 1.0 mm ²	126,14	50,00
35.515.2080	8 x 1.0 mm ²	138,71	53,13
35.515.2081	9 x 1.0 mm ²	148,16	53,13
35.515.2082	10 x 1.0 mm ²	157,36	56,25
35.515.2083	12 x 1.0 mm ²	180,99	56,25
35.515.2084	14 x 1.0 mm ²	205,61	60,63
35.515.2085	16 x 1.0 mm ²	230,34	63,75
35.515.2086	18 x 1.0 mm ²	247,89	63,75
35.515.2087	20 x 1.0 mm ²	269,91	66,88
35.515.2088	25 x 1.0 mm ²	321,21	66,88
35.515.2089	2 x 1.5 mm ²	78,14	42,50
35.515.2090	3 x 1.5 mm ²	90,29	42,50
35.515.2091	4 x 1.5 mm ²	106,91	45,63
35.515.2092	5 x 1.5 mm ²	124,79	50,00
35.515.2093	6 x 1.5 mm ²	142,76	53,13
35.515.2094	7 x 1.5 mm ²	155,59	53,13
35.515.2095	8 x 1.5 mm ²	169,76	53,13
35.515.2096	9 x 1.5 mm ²	187,74	56,25
35.515.2097	10 x 1.5 mm ²	204,26	60,63
35.515.2098	12 x 1.5 mm ²	234,39	63,75
35.515.2099	14 x 1.5 mm ²	264,09	63,75
35.515.2100	16 x 1.5 mm ²	292,44	63,75
35.515.2101	18 x 1.5 mm ²	319,86	66,88
35.515.2102	20 x 1.5 mm ²	353,94	71,25
35.515.2103	25 x 1.5 mm ²	428,61	74,38
35.515.2104	2 x 2.5 mm ²	101,84	50,00
35.515.2105	3 x 2.5 mm ²	126,56	53,13
35.515.2106	4 x 2.5 mm ²	146,81	53,13
35.515.2107	5 x 2.5 mm ²	168,84	56,25
35.515.2108	6 x 2.5 mm ²	196,16	60,63
35.515.2109	7 x 2.5 mm ²	216,41	60,63
35.515.2110	8 x 2.5 mm ²	241,14	63,75
35.515.2111	9 x 2.5 mm ²	268,89	71,25
35.515.2112	10 x 2.5 mm ²	289,14	71,25
35.515.2113	12 x 2.5 mm ²	334,11	74,38
35.515.2114	14 x 2.5 mm ²	375,96	74,38
35.515.2115	16 x 2.5 mm ²	420,94	77,50
35.515.2116	18 x 2.5 mm ²	468,51	81,88
35.515.2117	20 x 2.5 mm ²	528,34	85,00
35.515.2118	25 x 2.5 mm ²	643,84	92,50
35.515.3000	LIH(St)H-TP HALOGEN-FREE SIGNAL and CONTROLLER CABLE (Unit: m.) (VDE 0812) Supply to the work site, and delivery, including gateway and protection pipes, any material and labor, of halogen-free, shielded control and internal connection cables with an operating temperature of -30 °C to +70 °C, and used for connections of electronic systems, sound frequency transfer in any communication system, electronic data transfer, and industrial electronics; made of multi-wire fine electrolytic copper in compliance with TS EN 60228 and		

35.400.-Low Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	TS 13755, and HFFR compound in compliance with TS EN 50290-2-26; insulated as color coded as per DIN 47100; formed by twisting of the cladding components in double-twisted layers; shielded with an earth wire and AL-PES winding tape; flame-retardant HFFR-compound outer jacket in compliance with EN 50290-2-27; in RAL 7001 gray color; certified for passing the flame tests IEC-332-1, IEC-332-3, IEC- 60754 and IEC-60332; in compliance with the standards TS EN 60332-1-2, TS EN 60754-1 and TS EN 61034-2, which shall be capable of providing protection against external signals. Note: The item will be manufactured in compliance with the TS EN 50575 and TS EN 50575/A1 standards, and the Regulation (EU) No. 305/2011 Construction Products. It will be released with a CE marking, and the Declaration of Performance by the manufacturer and Performance Stability Certificate issued by an organization accredited by the European Union.		
35.515.3001	2x2x0.22 mm ²	57,08	42,50
35.515.3002	3 x 2 x 0.22 mm ²	63,56	42,50
35.515.3003	4x2x0.22 mm ²	68,83	42,50
35.515.3004	5x2x0.22 mm ²	77,21	45,63
35.515.3005	6x2x0.22 mm ²	86,99	50,00
35.515.3006	7x2x0.22 mm ²	92,93	50,00
35.515.3007	8x2x0.22 mm ²	102,13	53,13
35.515.3008	10x2x0.22 mm ²	113,60	53,13
35.515.3009	12x2x0.22 mm ²	131,58	56,25
35.515.3010	15x2x0.22 mm ²	159,58	60,63
35.515.3011	18x2x0.22 mm ²	189,70	63,75
35.515.3012	20x2x0.22 mm ²	208,60	63,75
35.515.3013	25x2x0.22 mm ²	252,55	71,25
35.515.3014ae	2x2x0.34 mm ²	65,85	42,50
35.515.3015ae	3x2x0.34 mm ²	75,44	42,50
35.515.3016ae	4x2x0.34 mm ²	88,29	45,63
35.515.3017ae	5x2x0.34 mm ²	101,70	50,00
35.515.3018ae	6x2x0.34 mm ²	113,60	53,13
35.515.3019ae	7x2x0.34 mm ²	124,40	53,13
35.515.3020ae	8x2x0.34 mm ²	133,31	53,13
35.515.3021ae	10x2x0.34 mm ²	163,09	60,63
35.515.3022ae	12x2x0.34 mm ²	185,36	60,63
35.515.3023ae	15x2x0.34 mm ²	235,74	63,75
35.515.3024	2x2x0.50 mm ²	73,16	45,63
35.515.3025	3x2x0.50 mm ²	90,36	50,00
35.515.3026	4x2x0.50 mm ²	104,83	53,13
35.515.3027	5x2x0.50 mm ²	119,43	56,25
35.515.3028	6x2x0.50 mm ²	135,95	60,63
35.515.3029	7x2x0.50 mm ²	151,23	63,75
35.515.3030	8x2x0.50 mm ²	162,16	63,75
35.515.3031	9x2x0.50 mm ²	176,34	63,75
35.515.3032	10x2x0.50 mm ²	191,61	66,88
35.515.3033	12x2x0.50 mm ²	227,04	71,25
35.515.3034	2x2x0.75 mm ²	84,03	50,00
35.515.3035	3x2x0.75 mm ²	102,80	53,13
35.515.3036	4x2x0.75 mm ²	120,78	56,25
35.515.3037	5x2x0.75 mm ²	140,68	60,63
35.515.3038	6x2x0.75 mm ²	157,30	63,75
35.515.3039	7x2x0.75 mm ²	174,85	63,75

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.515.3040	8x2x0.75 mm ²	192,83	66,88
35.515.3041	10x2x0.75 mm ²	236,91	74,38
35.515.3042	12x2x0.75 mm ²	277,41	74,38
35.515.3043	14x2x0.75 mm ²	307,54	77,50
35.515.3044	16x2x0.75 mm ²	351,49	85,00
35.515.3045	18x2x0.75 mm ²	381,19	85,00
35.515.3046	20x2x0.75 mm ²	458,56	88,13
35.515.3047	25x2x0.75 mm ²	606,46	95,63
35.515.3048	2x2x1.00 mm ²	101,45	53,13
35.515.3049	3x2x1.00 mm ²	122,38	53,13
35.515.3050	4x2x1.00 mm ²	149,45	60,63
35.515.3051	5x2x1.00 mm ²	173,50	63,75
35.515.3052	6x2x1.00 mm ²	196,88	66,88
35.515.3053	7x2x1.00 mm ²	224,20	71,25
35.515.3054	8x2x1.00 mm ²	243,24	71,25
35.515.3055	10x2x1.00 mm ²	298,09	77,50
35.515.3056	12x2x1.00 mm ²	350,74	77,50
35.515.3057	14x2x1.00 mm ²	398,74	85,00
35.515.3058	16x2x1.00 mm ²	440,59	85,00
35.515.3059	18x2x1.00 mm ²	492,64	92,50
35.515.3060	20x2x1.00 mm ²	602,41	95,63
35.515.3061	25x2x1.00 mm ²	788,11	103,13
35.515.3062	2x2x1.50 mm ²	114,28	53,13
35.515.3063	3x2x1.50 mm ²	145,75	56,25
35.515.3064	4x2x1.50 mm ²	177,13	60,63
35.515.3065	5x2x1.50 mm ²	207,25	63,75
35.515.3066	6x2x1.50 mm ²	243,10	71,25
35.515.3067	7x2x1.50 mm ²	281,33	74,38
35.515.3068	8x2x1.50 mm ²	309,81	74,38
35.515.3069	10x2x1.50 mm ²	379,84	85,00
35.515.3070	12x2x1.50 mm ²	455,44	85,00
35.515.3071	14x2x1.50 mm ²	504,46	88,13
35.515.3072	16x2x1.50 mm ²	571,36	95,63
35.515.3073	18x2x1.50 mm ²	629,41	95,63
35.515.3074	20x2x1.50 mm ²	777,31	103,13
35.515.3075	25x2x1.50 mm ²	984,29	106,25
35.515.3076	2x2x2.50 mm ²	151,15	56,25
35.515.3077	3x2x2.50 mm ²	205,90	63,75
35.515.3078	4x2x2.50 mm ²	258,38	74,38
35.515.3079	5x2x2.50 mm ²	301,58	74,38
35.515.3080	6x2x2.50 mm ²	349,25	77,50
35.515.3081	7x2x2.50 mm ²	397,25	85,00
35.515.3082	8x2x2.50 mm ²	440,59	85,00
35.515.3083	10x2x2.50 mm ²	535,84	92,50
35.515.3084	12x2x2.50 mm ²	646,96	95,63
35.515.3085	14x2x2.50 mm ²	720,29	98,75
35.515.3086	16x2x2.50 mm ²	839,84	106,25

35.400.-Low Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.515.3087	18x2x2.50 mm ²	941,51	109,38
35.515.3088	20x2x2.50 mm ²	1.030,01	116,88
35.515.3089	25x2x2.50 mm ²	1.107,39	120,00
35.515.4000	LIH(St)CH HALOGEN-FREE SIGNAL and CONTROLLER CABLE (Unit: m.) (VDE 0812) Supply to the worksite, including gateways and security pipes as well as any material and labor of halogen-free, unshielded control and internal connection cables, flexible cables used for signal and control cables used for connections of electronic systems, sound frequency transfer in any communication system, electronic data transfer, and industrial electronics, and made by twisting of cladding formed by insulation in colors in compliance with DIN 47100 and multiple twisted, annealed copper, halogen-free, flame-retardant materials in layers (operating temperature: -30 °C and +70 °C), shielded by AL-PES wrapping tape with an earthing wire, with the outer jacket in compliance with TS EN 50290-2-26, made of flame-retardant HFFR compound in RAL 7001 gray, TS 13734:2017-certified, and in compliance with the standards IEC-332-1, IEC-332-3, IEC-60754, IEC-60332, TS EN 60332-1-2, TS EN 60754-1 and TS EN 61034-2, and certified for passing the flame test. Note: The item will be manufactured in compliance with the TS EN 50575 and TS EN 50575/A1 standards, and the Regulation (EU) No. 305/2011 Construction Products. It will be released with a CE marking, and the Declaration of Performance by the manufacturer and Performance Stability Certificate issued by an organization accredited by the European Union.		
35.515.4001	2x0.22 mm ²	48,75	35,00
35.515.4002	3x0.22 mm ²	54,88	39,38
35.515.4003	4x0.22 mm ²	57,00	39,38
35.515.4004	5x0.22 mm ²	61,75	39,38
35.515.4005	6x0.22 mm ²	68,00	42,50
35.515.4006	7x0.22 mm ²	69,88	42,50
35.515.4007	8x0.22 mm ²	74,13	42,50
35.515.4008	10x0.22 mm ²	76,63	42,50
35.515.4009	2x0.50 mm ²	63,13	42,50
35.515.4010	3x0.50 mm ²	67,50	42,50
35.515.4011	4x0.50 mm ²	73,25	42,50
35.515.4012	5x0.50 mm ²	81,75	45,63
35.515.4013	6x0.50 mm ²	93,50	50,00
35.515.4014	7x0.50 mm ²	98,13	50,00
35.515.4015	8x0.50 mm ²	103,38	50,00
35.515.4016	10x0.50 mm ²	112,75	53,13
35.515.4017	2 x 0.75 mm ²	67,00	42,50
35.515.4018	3 x 0.75 mm ²	72,88	42,50
35.515.4019	4 x 0.75 mm ²	79,25	42,50
35.515.4020	5 x 0.75 mm ²	94,25	50,00
35.515.4021	6 x 0.75 mm ²	102,13	50,00
35.515.4022	7 x 0.75 mm ²	107,75	50,00
35.515.4023	8 x 0.75 mm ²	119,00	53,13
35.515.4024	10 x 0.75 mm ²	135,25	56,25
35.515.4025	2x1.0 mm ²	71,88	42,50
35.515.4026	3x1.0 mm ²	79,88	42,50
35.515.4027	4x1.0 mm ²	92,88	45,63
35.515.4028	5x1.0 mm ²	106,00	50,00
35.515.4029	6x1.0 mm ²	120,38	53,13
35.515.4030	7x1.0 mm ²	128,50	53,13
35.515.4031	8x1.0 mm ²	137,88	53,13

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.515.4032	10x1.0 mm ²	161,63	60,63
35.515.4033	2 x 1.5 mm ²	84,75	45,63
35.515.4034	3 x 1.5 mm ²	96,00	45,63
35.515.4035	4x1.5 mm ²	114,75	50,00
35.515.4036	5 x 1.5 mm ²	131,63	53,13
35.515.4037	6 x 1.5 mm ²	145,38	53,13
35.515.4038	7 x 1.5 mm ²	158,50	53,13
35.515.4039	8 x 1.5 mm ²	173,50	56,25
35.515.4040	10 x 1.5 mm ²	207,25	63,75
35.515.4041	2x2.5 mm ²	108,50	53,13
35.515.4042	3x2.5 mm ²	126,00	53,13
35.515.4043	4 x 2.5 mm ²	146,63	56,25
35.515.4044	5x2.5 mm ²	172,88	60,63
35.515.4045	6x2.5 mm ²	192,88	60,63
35.515.4046	7x2.5 mm ²	213,50	63,75
35.515.4047	8x2.5 mm ²	234,75	63,75
35.515.4048	10x2.5 mm ²	264,75	71,25
35.515.5000	HALOGEN-FREE INTERNAL TELEPHONE CABLES		
35.515.5100	PDH Halogen-Free Internal Telephone Cable: (Unit: m) Supply and delivery to the worksite of the electrolytic copper conductor (TS EN 60228), polyethylene insulated (TS EN 60708, TS EN 50290-2-23, TS IEC 60189-2), groups of insulated conductors together with the insulated earth core covered with polyester tape, LSOH outer sheath (TS EN 50290-2-27), manufactured in accordance with the standards TS EN 60332-1-2, TS EN 60754-1/2 and TS EN 61034-2, TS EN IEC 60332-3-25 and 2014/35/EU Directive on Electrical Equipment Designed for Certain Voltage Limits , outer sheath thickness in accordance with TSE K 116, including any minor material, labor and installation.		
35.515.5120	1x2x0.5+0.5	38,34	31,88
35.515.5121	2x2x0.5+0.5	45,18	35,00
35.515.5122	3x2x0.5+0.5	52,89	39,38
35.515.5123	4x2x0.5+0.5	56,81	39,38
35.515.5126	6x2x0.5+0.5	67,08	42,50
35.515.5130	10x2x0.5+0.5	85,04	45,63
35.515.5135	20x2x0.5+0.5	130,45	53,13
35.515.5140	30x2x0.5+0.5	169,51	56,25
35.515.5145	50x2x0.5+0.5	253,09	63,75
35.515.5150	100x2x0.5+0.5	439,44	85,00
35.515.5155	150x2x0.5+0.5	624,05	106,25
35.515.5160	200x2x0.5+0.5	805,39	124,38
35.515.5200	HBH Halogen-Free Internal Telephone Cable: (Unit: m) Supply and delivery to the worksite of the electrolytic copper conductor (TS EN 60228), LSOH insulated (TS EN 60708, TS EN 50290-2-26, TS IEC 60189-2), groups of insulated conductors together with the insulated earth core covered with polyester tape, LSOH outer sheath (TS EN 50290-2-27), manufactured in accordance with the standards TS EN 60332-1-2, TS EN 60754-1/2 and TS EN 61034-2, TS EN IEC 60332-3-24 and 2014/35/EU Directive on Electrical Equipment Designed for Certain Voltage Limits , outer sheath thickness in accordance with TSE K 116, including any minor material, labor and installation.		
35.515.5220	1x2x0.5+0.5	38,85	31,88
35.515.5221	2x2x0.5+0.5	45,80	35,00
35.515.5222	3x2x0.5+0.5	53,81	39,38
35.515.5223	4x2x0.5+0.5	57,90	39,38
35.515.5226	6x2x0.5+0.5	67,58	42,50

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.515.5230	10x2x0.5+0.5	87,56	45,63
35.515.5235	20x2x0.5+0.5	134,53	53,13
35.515.5240	30x2x0.5+0.5	174,79	56,25
35.515.5245	50x2x0.5+0.5	262,23	63,75
35.515.5250	100x2x0.5+0.5	452,06	85,00
35.515.5255	200x2x0.5+0.5	832,09	106,25
35.515.7000	HALOGEN-FREE COPPER DATA CABLES		
35.515.7010	U/UTP Cat 5e HALOGEN-FREE 4X2X24 AWG. Unit: m Supply and installation on site of 4-pair, 4 color-coded unshielded twisted pair (UTP) cables for horizontal installations in local area networks (LANs), supporting data communication between computers at 100 MHz bandwidth and 100 Mbps, with HFFR outer sheath providing flame-retardant, generally self-extinguishing performance without emission of toxic gases or smoke during combustion, in compliance with TS EN 60332-1-2, TS EN 60754-2, and TS EN 61034-2; cables to ISO Class D – CAT 5e, 24 AWG, 0.5 mm bare copper conductor, in compliance with TS EN 50288-3-1/2, including all accessories, labor, installation, and testing. Depending on the cable installation conditions, materials of production shall be charged by the relevant items (Payment for the pipes if cables are laid through pipes, or for the trays if cables are laid through cable trays)	56,39	39,38
35.515.7020	F/UTP Cat 5e HALOGEN-FREE 4X2X24 AWG. Unit: m. Supply to the work site of cables used for data communication between computers at 100 MHz bandwidth and 100 Mbps for horizontal installations in local area networks, 4 pairs, 4 color-coded unshielded twisted pairs and thanks to the HFFR outer sheath completely covered with polyester tape and aluminum foil covering all of them, late-igniting, generally self-extinguishing, with no emission of toxic gases and smoke during combustion, complying with TS EN 60332-1-2, TS EN 60754-2, TS EN 61034-2 standards, 4 pair cable ISO class D - CAT 5e standard, 24 AWG 0.5 mm bare copper coating measure, complying with TS EN 50288-3-1.2 standards, including any minor material, labor and installations. Depending on the cable installation conditions, materials of production shall be charged by the relevant items (Payment for the pipes if cables are laid through pipes, or for the trays if cables are laid through cable trays)	62,48	42,50
35.515.7030	U/UTP Cat 6 HALOGEN-FREE 4X2X23 AWG Unit: m Supply, transportation to the work site, installation and testing, including any minor material and labor, of cables that are 4-pair, color-coded, unshielded twisted pairs used for 250 MHz bandwidth and 250 Mbps data communication between computers in horizontal installations in local area networks, with the said 4-pair, color-coded unshielded twisted pairs being surrounded by a star-shaped separator, encased in an HFFR outer sheath, flame retardant, generally self-extinguishing, with no emission of toxic gases or smoke during combustion, complying with TS EN 60332-1-2, TS EN 60754-2, and TS EN 61034-2 standards, with the 4-pair cable in ISO Class E CAT 6, 23 AWG, 0.57 mm bare copper, and complying with TS EN 50288-5-1. Depending on the cable installation conditions, materials of production shall be charged by the relevant items (Payment for the pipes if cables are laid through pipes, or for the trays if cables are laid through cable trays)	64,10	42,50
35.515.7040	F/UTP Cat 6 HALOGEN-FREE 4X2X23 AWG Unit: m Supply, transportation to the work site, installation and testing, including any minor material and labor, of cables that are 4-pair, color-coded, unshielded twisted pairs used for 250 MHz bandwidth and 250 Mbps data communication between computers in horizontal installations in local area networks, with the said 4-pair, color-coded unshielded twisted pairs being surrounded by a star-shaped separator, encased in an HFFR outer sheath completely covered with polyester tape and aluminum foil, flame retardant, generally self-extinguishing, with no emission of toxic gases or smoke during combustion, complying with TS EN 60332-1-2, TS EN 60754-2, and TS EN 61034-2 standards, with the 4 pair of cables in ISO Class E CAT 6, 23 AWG, 0.57 mm bare copper, and complying with TS EN 50288-5-1. Depending on the cable installation conditions, materials of production shall be charged by the relevant items (Payment for the pipes if cables are laid through pipes, or for the trays if cables are laid through cable trays)	72,48	42,50
35.515.7100	F/FTP Cat 6a HF (Unit: m) Supply, transportation to the work site, installation and testing, including any minor material and labor, of cables that are 4 pairs of 4 color-coded aluminum foil shielded twisted pairs used for 500 MHz bandwidth and 500 Mbps data communication between computers for horizontal installations in local area networks, completely coated with polyester-aluminum foil and with the HFFR outer sheath that covers all of them, late-igniting, generally self-extinguishing, with	79,78	45,63

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	no emission of toxic gases and smoke during combustion, complying with TS EN 60332-1-2, TS EN 60754-2, TS EN 61034-2 standards, with the 4 pair of cables in ISO class Ea CAT 6a standard, 23 AWG 0.57 mm bare copper coating measure, complying with TS EN 50288-4-1 standard. Depending on the cable installation conditions, materials of production shall be charged by the relevant items (Payment for the pipes if cables are laid through pipes, or for the trays if cables are laid through cable trays)		
35.515.7200	S/FTP Cat 7 HF (Unit: m) Supply, transportation to the work site, installation and testing, including any minor material and labor, of cables that are 4 pairs of 4 color-coded polyester-aluminum foil shielded twisted pairs used for 600 MHz bandwidth and 1000 Mbps data communication between computers for horizontal installations in local area networks, completely coated with tinned copper wire mesh and with the HFFR outer sheath that covers all of them, late-igniting, generally self-extinguishing, with no emission of toxic gases and smoke during combustion, complying with TS EN 60332-1-2, TS EN 60754-2, TS EN 61034-2 standards, with the 4 pair of cables in ISO class F CAT 7 standard, 23 AWG 0.57 mm bare copper coating measure, complying with TS EN 50288-4-1 standard. Depending on the cable installation conditions, materials of production shall be charged by the relevant items (Payment for the pipes if cables are laid through pipes, or for the trays if cables are laid through cable trays)	85,59	45,63
35.515.8000	Halogen-free Coaxial Cables: (Unit: m) (LS HFFR) Supply to the work site, including gateways, safety pipes and any other material, of coaxial cables with 75-ohm impedance, manufactured in compliance with the standards TS EN 60332-1-2, TS EN 60754-1+2 ve TS EN 61034-2, TS EN 50117-1 and TS EN 60332-3-25, and the Lov Voltage Directive 2014/35/EU and released with a CE marking. Note: The item shall be manufactured in compliance with the TS EN 50575 and TS EN 50575/A1 standards, the Regulation (EU) No.305/2011 Construction Products - CPR, released with a CE marking, and the manufacturer shall have a declaration of performance and Certificate of Constancy of Performance issued by an organization accredited by the European Union.		
35.515.8001	RG 59 U-4 (Cu/Al) HFFR	55,46	42,50
35.515.8002	RG 59 U-4 (Cu/CuSn) HFFR	53,16	42,50
35.515.8003	RG 59 U-6 (Cu/Cu) HFFR	60,45	42,50
35.515.8010	RG 6/U-4 (Cu/Al) HFFR	58,43	42,50
35.515.8011	RG 6/U-4 (Trishield Cu/Al) HFFR	62,64	45,63
35.515.8012	RG 6/U-4 (Cu/CuSn) HFFR	64,50	42,50
35.515.8013	RG 6/U-4 (Three-shield Cu/CuSn) HFFR	88,69	45,63
35.515.8014	RG 6/U-6 (Cu/Cu) HFFR	69,39	45,63
35.515.8015	RG 6/U-6 (Trishield Cu/Cu) HFFR	74,79	45,63
35.515.8020	RG 11/U-4 (Cu/Al) HFFR	90,28	56,25
35.515.8021	RG 11/U-4 (Cu/CuSn) HFFR	98,64	56,25
35.515.8022	RG 11/U-4 (Three-shield Cu/CuSn) HFFR	130,36	56,25
35.515.8023	RG 11/U-6 (Cu/Cu) HFFR	105,39	56,25
35.515.8024	RG 11/U-6 (Three-shield Cu/Cu) HFFR	92,56	56,25
35.515.8030	RG 58 C/U HFFR (50 ohm)	64,08	39,38
35.515.8031	RG 213 U HFFR (50 ohm)	144,54	56,25
35.520.0000	FIRE-RESISTANT CABLES		
35.520.5000	JE-H(St)H FE180 PH120 FIRE-PF, HALOGEN-FREE FIRE ALARM CABLES (Unit: m.) (VDE 0815) Supply to the work site, including gateways and security pipes, any material and labor, of fire alarm cables used with security systems, communication, indoor and dry areas, with halogen-free and fireproof signal and communication cables with the cable core made by twisting in layers of the cladding insulated by a halogen-free jackets in compliance with TS EN 50290-2-26 in colors as per VDE 0815 over mono-annealed copper wire in compliance with TS EN 60228 fixed with polyester tape, wrapped in a special flame-retardant glass fiber tape along with an aluminum-coated polyester tape, screened with a tinned earth conductor in compliance with the standard TS 13767, colored RAL 3000 red or RAL 2003 orange, halogen-free outer jacket as per TS EN 50290-2-27, temperature in fixed conditions between -30 °C to +70 °C, provides circuit integrity for 180 minutes as per IEC 60331-21 and 120		

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	minutes as per EN 50200, and certified for flame retardance as per TS EN 60332-1-2 and TS EN 60332-3-24, and for smoke density as per TS EN 61034-2.		
35.520.5001	1 x 2 x 0.8+0.8 mm ²	64,34	42,50
35.520.5002	2 x 2 x 0.8+0.8 mm ²	76,18	42,50
35.520.5003	3 x 2 x 0.8+0.8 mm ²	97,58	50,00
35.520.5004	4 x 2 x 0.8+0.8 mm ²	112,40	53,13
35.520.5005	10 x 2 x 0.8+0.8 mm ²	206,23	63,75
35.520.5006	1 x 2 x 1+0.8 mm ²	69,93	42,50
35.520.5007	2 x 2 x 1+0.8 mm ²	93,94	50,00
35.520.5008	3 x 2 x 1+0.8 mm ²	123,45	53,13
35.520.5009	4 x 2 x 1+0.8 mm ²	144,13	56,25
35.520.5010	10 x 2 x 1+0.8 mm ²	294,33	71,25
35.520.5011	1 x 2 x 1.5+0.8 mm ²	91,73	50,00
35.520.5012	2 x 2 x 1.5+0.8 mm ²	125,40	53,13
35.520.5013	3 x 2 x 1.5+0.8 mm ²	173,20	60,63
35.520.5014	4 x 2 x 1.5+0.8 mm ²	212,73	63,75
35.520.5015	10 x 2 x 1.5+0.8 mm ²	441,20	88,13
35.520.6000	LIH(S)H FE180 PH120 FIRE-PROOF, HALOGEN-FREE SIGNAL AND CONTROLLER CABLE (Unit: m) (VDE 0812) Supply to the work site, including gateways and security pipes, any material and labor, of fire alarm cables used with security systems, communication, indoor and dry areas, with halogen-free and fireproof signal and communication cables with the cable core made by twisting in layers of the cladding insulated by a halogen-free jackets in compliance with TS EN 50290-2-26 in colors as per DIN 47100 over electrolytic copper wire in compliance with TS EN 60228 fixed with polyester tape, wrapped in a special flame-retardant glass fiber tape along with an aluminum-coated polyester tape, screened with a tinned earth conductor in compliance with the standard TS 13734, colored RAL 2003 orange as per DIN 47100, halogen-free outer jacket as per TS EN 50290-2-27, temperature in fixed conditions between -30 °C to +70 °C, provides circuit integrity for 180 minutes as per IEC 60331-21 and 120 minutes as per EN 50200, and certified for flame retardance as per TS EN 60332-1-2 and TS EN 60332-3-24, and for smoke density as per TS EN 61034-2.		
35.520.6001	2 x 0.75 mm ²	72,09	45,63
35.520.6002	3 x 0.75 mm ²	80,49	45,63
35.520.6003	4 x 0.75 mm ²	92,78	50,00
35.520.6004	5 x 0.75 mm ²	104,33	53,13
35.520.6005	6 x 0.75 mm ²	113,99	53,13
35.520.6006	7 x 0.75 mm ²	122,26	53,13
35.520.6007	8 x 0.75 mm ²	133,66	56,25
35.520.6008	10 x 0.75 mm ²	159,11	63,75
35.520.6009	2 x 1 mm ²	81,50	45,63
35.520.6010	3 x 1 mm ²	96,79	50,00
35.520.6011	4 x 1 mm ²	105,43	53,13
35.520.6012	5 x 1 mm ²	122,68	53,13
35.520.6013	6 x 1 mm ²	138,91	56,25
35.520.6014	7 x 1 mm ²	149,26	56,25
35.520.6015	8 x 1 mm ²	165,36	60,63
35.520.6016	10 x 1 mm ²	191,26	63,75
35.520.6017	2 x 1.5 mm ²	94,71	50,00
35.520.6018	3 x 1.5 mm ²	112,33	53,13
35.520.6019	4 x 1.5 mm ²	128,89	53,13

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.520.6020	5 x 1.5 mm ²	147,19	56,25
35.520.6021	6 x 1.5 mm ²	173,33	63,75
35.520.6022	7 x 1.5 mm ²	187,13	63,75
35.520.6023	8 x 1.5 mm ²	199,54	63,75
35.520.6024	10 x 1.5 mm ²	243,29	74,38
35.520.7000	LIHCH FE180 PH120 FIRE-PROOF, SIGNAL AND CONTROLLER CABLE (Unit: m) (VDE 0812) Supply to the work site, including gateways and security pipes as well as any material and labor of halogen-free control and internal connection cables, flexible cables used for signal and control cables used for connections of electronic systems, sound frequency transfer in any communication system, electronic data transfer, and industrial electronics, and made by twisting of cladding formed by insulation in colors in compliance with DIN 47100 and multiple twisted, annealed copper, halogen-free, flame-retardant materials in layers (operating temperature: -30 °C and +70 °C), with the outer jacket that meets the TS EN 50290-2-27 standard and is made of flame-retardant HFFR compound in RAL 7001 gray, in compliance with the standards TS 13734:2017, IEC-332-1, IEC-332-3, IEC-60754, IEC-60332, TS EN 60332-1-2, TS EN 60754-1 and TS EN 61034-2, and certified for passing the flame test.		
35.520.7001	2 x 0.75 mm ²	72,80	42,50
35.520.7002	3 x 0.75 mm ²	79,48	42,50
35.520.7003	4 x 0.75 mm ²	84,75	42,50
35.520.7004	5 x 0.75 mm ²	100,15	45,63
35.520.7005	6 x 0.75 mm ²	111,26	45,63
35.520.7006	7 x 0.75 mm ²	123,24	50,00
35.520.7007	8 x 0.75 mm ²	135,14	53,13
35.520.7008	10 x 0.75 mm ²	154,45	53,13
35.520.7009	2x1.0 mm ²	78,65	42,50
35.520.7010	3x1.0 mm ²	89,76	42,50
35.520.7011	4x1.0 mm ²	100,89	42,50
35.520.7012	5x1.0 mm ²	115,13	45,63
35.520.7013	6x1.0 mm ²	131,79	50,00
35.520.7014	7x1.0 mm ²	141,73	50,00
35.520.7015	8x1.0 mm ²	157,73	53,13
35.520.7016	10x1.0 mm ²	183,69	56,25
35.520.7017	2 x 1.5 mm ²	91,73	45,63
35.520.7018	3 x 1.5 mm ²	104,59	45,63
35.520.7019	4x1.5 mm ²	115,99	50,00
35.520.7020	5 x 1.5 mm ²	144,85	53,13
35.520.7021	6 x 1.5 mm ²	161,24	53,13
35.520.7022	7 x 1.5 mm ²	174,10	53,13
35.520.7023	8 x 1.5 mm ²	200,33	60,63
35.520.7024	10 x 1.5 mm ²	230,50	63,75
35.520.7025	2x2.5 mm ²	119,11	53,13
35.520.7026	3x2.5 mm ²	141,93	53,13
35.520.7027	4 x 2.5 mm ²	153,83	56,25
35.520.7028	5x2.5 mm ²	197,99	60,63
35.520.7029	6x2.5 mm ²	220,21	60,63
35.540.0000	FIBER OPTIC CABLES		
35.540.1000	MULTI-MODE FIBER OPTIC CABLE (Unit: m) Multi-mode (MM) fiber optic cables are used for high-quality audio, data and video transfer at local area networks (LAN), closed circuit television (CCTV) systems, and industrial automation systems (SCADA). Fiber core/cladding diameter: 62.5/125 µm (OM1), 50/125 µm (OM2, OM3). It will be corrugated, grooved, with or without a steel wire armor, with an external polyethylene casing and "Thixotropic Gel"		

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	filling in buffer tubes to prevent water carryover. The maximum optical attenuation must be 3 dB/km at 850 nm and 1 dB/km at 1,300 nm. It should meet TS EN 60793-1-1 and TS EN 60794-1-23 standards. It will be put into service only after it is terminated by "fusion splice" method using a special welding machine and tested end-to-end with an OTDR tester. Each fiber optic cable will be tested with an OTDR test device after it is laid and terminated in a termination box, and the test reports will be submitted to the administration. Any material and labor will be included.		
35.540.1001	Central Single Loose Tube with 2 fibers 1x2 62.5/125 OM1 MM Armored F/O Cable	69,69	49,69
35.540.1002	Central Single Loose Tube with 4 fibers 1x4 62.5/125 OM1 MM Armored F/O Cable	77,93	55,13
35.540.1003	Central Single Loose Tube with 6 fibers 1x6 62.5/125 OM1 MM Armored F/O Cable	82,43	55,13
35.540.1004	Central Single Loose Tube with 8 fibers 1x8 62.5/125 OM1 MM Armored F/O Cable	92,66	60,56
35.540.1005	Central Single Loose Tube with 12 fibers 1x12 62.5/125 OM1 MM Armored F/O Cable	108,50	66,00
35.540.1006	Central Single Loose Tube with 24 fibers 1x24 62.5/125 OM1 MM Armored F/O Cable	152,69	76,88
35.540.1007	Central Multi Loose Tube with 24 fibers 2x12 62.5/125 OM1 MM Armored F/O Cable	167,78	76,88
35.540.1008	Central Single Loose Tube with 2 fibers 1x2 62.5/125 OM1 MM Non-Armored F/O Cable	65,89	49,69
35.540.1009	Central Single Loose Tube with 4 fibers 1x4 62.5/125 OM1 MM Non-Armored F/O Cable	68,89	49,69
35.540.1010	Central Single Loose Tube with 6 fibers 1x6 62.5/125 OM1 MM Non-Armored F/O Cable	79,43	55,13
35.540.1011	Central Single Loose Tube with 8 fibers 1x8 62.5/125 OM1 MM Non-Armored F/O Cable	83,73	55,13
35.540.1012	Central Single Loose Tube with 12 fibers 1x12 62.5/125 OM1 MM Non-Armored F/O Cable	99,06	60,56
35.540.1013	Central Single Loose Tube with 24 fibers 1x24 62.5/125 OM1 MM Non-Armored F/O Cable	141,34	71,44
35.540.1014	Central Multi Loose Tube with 24 fibers 2x12 62.5/125 OM1 MM Non-Armored F/O Cable	154,34	71,44
35.540.1015	Central Single Loose Tube with 2 fibers 1x2 50/125 OM2 MM Armored F/O Cable	67,79	49,69
35.540.1016	Central Single Loose Tube with 4 fibers 1x4 50/125 OM2 MM Armored F/O Cable	74,33	55,13
35.540.1017	Central Single Loose Tube with 6 fibers 1x6 50/125 OM2 MM Armored F/O Cable	77,13	55,13
35.540.1018	Central Single Loose Tube with 8 fibers 1x8 50/125 OM2 MM Armored F/O Cable	85,16	60,56
35.540.1019	Central Single Loose Tube with 12 fibers 1x12 50/125 OM2 MM Armored F/O Cable	96,50	66,00
35.540.1020	Central Single Loose Tube with 24 fibers 1x24 50/125 OM2 MM Armored F/O Cable	129,28	76,88
35.540.1021	Central Multi Loose Tube with 24 fibers 2x12 50/125 OM2 MM Armored F/O Cable	144,78	76,88
35.540.1022	Central Single Loose Tube with 2 fibers 1x2 50/125 OM2 MM Non-Armored F/O Cable	63,99	49,69
35.540.1023	Central Single Loose Tube with 4 fibers 1x4 50/125 OM2 MM Non-Armored F/O Cable	65,59	49,69
35.540.1024	Central Single Loose Tube with 6 fibers 1x6 50/125 OM2 MM Non-Armored F/O Cable	73,73	55,13
35.540.1025	Central Single Loose Tube with 8 fibers 1x8 50/125 OM2 MM Non-Armored F/O Cable	76,23	55,13
35.540.1026	Central Single Loose Tube with 12 fibers 1x12 50/125 OM2 MM Non-Armored F/O Cable	87,06	60,56
35.540.1027	Central Single Loose Tube with 24 fibers 1x24 50/125 OM2 MM Non-Armored F/O Cable	119,34	71,44
35.540.1028	Central Multi Loose Tube with 24 fibers 2x12 50/125 OM2 MM Non-Armored F/O Cable	131,34	71,44
35.540.1029	Central Single Loose Tube with 2 fibers 1x2 50/125 OM3 MM Armored F/O Cable	72,99	49,69
35.540.1030	Central Single Loose Tube with 4 fibers 1x4 50/125 OM3 MM Armored F/O Cable	81,43	55,13
35.540.1031	Central Single Loose Tube with 6 fibers 1x6 50/125 OM3 MM Armored F/O Cable	87,93	55,13
35.540.1032	Central Single Loose Tube with 8 fibers 1x8 50/125 OM3 MM Armored F/O Cable	100,66	60,56
35.540.1033	Central Single Loose Tube with 12 fibers 1x12 50/125 OM3 MM Armored F/O Cable	118,50	66,00
35.540.1034	Central Single Loose Tube with 24 fibers 1x24 50/125 OM3 MM Armored F/O Cable	172,78	76,88
35.540.1035	Central Multi Loose Tube with 24 fibers 2x12 50/125 OM3 MM Armored F/O Cable	190,78	76,88
35.540.1036	Central Single Loose Tube with 2 fibers 1x2 50/125 OM3 MM Non-Armored F/O Cable	69,29	49,69
35.540.1037	Central Single Loose Tube with 4 fibers 1x4 50/125 OM3 MM Non-Armored F/O Cable	72,49	49,69
35.540.1038	Central Single Loose Tube with 6 fibers 1x6 50/125 OM3 MM Non-Armored F/O Cable	84,43	55,13
35.540.1039	Central Single Loose Tube with 8 fibers 1x8 50/125 OM3 MM Non-Armored F/O Cable	91,23	55,13
35.540.1040	Central Single Loose Tube with 12 fibers 1x12 50/125 OM3 MM Non-Armored F/O Cable	110,06	60,56
35.540.1041	Central Single Loose Tube with 24 fibers 1x24 50/125 OM3 MM Non-Armored F/O Cable	162,34	71,44
35.540.1042	Central Multi Loose Tube with 24 fibers 2x12 50/125 OM3 MM Non-Armored F/O Cable	178,34	71,44

35.400.-Low Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.540.2000	SINGLE-MODE OPTICAL FIBER CABLE (Unit: m) Single-mode (SM) optical fiber cables are used for high-quality audio, data and video transfer over long distances at wide and local area networks (WAN - LAN), closed circuit television (CCTV) systems, industrial automation systems (SCADA), and cable TV systems. Fiber core/cladding diameter shall be 9/125 µm, and each cladding shall be wrapped in a buffer 250 microns in diameter. It will be corrugated, grooved, with or without a steel wire armor, with an external polyethylene casing, and "Thixotropic Gel" filling in buffer tubes to prevent water carryover. Maximum optical attenuation shall be 0.38 dB/km at 1310 nm, and 0.25 dB/km at 1550 nm. It should meet TS EN 60793-1-1 and TS EN 60794-1-23 standards. It will be put into service only after it is terminated by "fusion splice" method using a special welding machine and tested end-to-end with an OTDR tester. Each fiber optic cable will be tested with an OTDR test device after it is laid, and the test reports shall be submitted to the administration. Any material and labor will be included.		
35.540.2001	Central Single Loose Tube with 2 fibers 1x2 9/125 SM Armored F/O Cable	65,59	49,69
35.540.2002	Central Single Loose Tube with 4 fibers 1x4 9/125 SM Armored F/O Cable	71,93	55,13
35.540.2003	Central Single Loose Tube with 6 fibers 1x6 9/125 SM Armored F/O Cable	73,23	55,13
35.540.2004	Central Single Loose Tube with 8 fibers 1x8 9/125 SM Armored F/O Cable	79,66	60,56
35.540.2005	Central Single Loose Tube with 12 fibers 1x12 9/125 SM Armored F/O Cable	88,50	66,00
35.540.2006	Central Single Loose Tube with 24 fibers 1x24 9/125 SM Armored F/O Cable	112,78	76,88
35.540.2007	Central Multi Loose Tube with 24 fibers 2x12 9/125 SM Armored F/O Cable	125,28	76,88
35.540.2008	Central Single Loose Tube with 2 fibers 1x2 9/125 SM Non-Armored F/O Cable	62,19	49,69
35.540.2009	Central Single Loose Tube with 4 fibers 1x4 9/125 SM Non-Armored F/O Cable	62,69	49,69
35.540.2010	Central Single Loose Tube with 6 fibers 1x6 9/125 SM Non-Armored F/O Cable	69,43	55,13
35.540.2011	Central Single Loose Tube with 8 fibers 1x8 9/125 SM Non-Armored F/O Cable	71,03	55,13
35.540.2012	Central Single Loose Tube with 12 fibers 1x12 9/125 SM Non-Armored F/O Cable	80,06	60,56
35.540.2013	Central Single Loose Tube with 24 fibers 1x24 9/125 SM Non-Armored F/O Cable	102,84	71,44
35.540.2014	Central Multi Loose Tube with 24 fibers 2x12 9/125 SM Non-Armored F/O Cable	113,84	71,44
35.540.3000	MULTI-MODE FIBER OPTIC CABLE - LSOH (Unit: m) Multi-mode (MM) fiber optic cables are used for high-quality audio, data and video transfer at local area networks (LAN), closed circuit television (CCTV) systems, and industrial automation systems (SCADA). Fiber core/cladding diameter: 62.5/125 µm (OM1), 50/125 µm (OM2, OM3). It will be corrugated, grooved, with or without a steel wire armor, with an external LSOH casing and "Thixotropic Gel" filling in buffer tubes to prevent water carryover. The maximum optical attenuation must be 3 dB/km at 850 nm and 1 dB/km at 1,300 nm. It should meet TS EN 60332-1, TS EN 60793-1-1, TS EN 60794-1-23, TS EN 61034-1/2 and TS EN 60754-1/2 standards. It will be put into service only after it is terminated by "fusion splice" method using a special welding machine and tested end-to-end with an OTDR tester. Each fiber optic cable will be tested with an OTDR test device after it is laid and terminated in a termination box, and the test reports will be submitted to the administration. Any material and labor will be included. Note: The item will be manufactured in compliance with the TS EN 50575 and TS EN 50575/A1 standards, and the Regulation (EU) No. 305/2011 Construction Products. It will be released with a CE marking, and the Declaration of Performance by the manufacturer and Performance Stability Certificate issued by an organization accredited by the European Union.		
35.540.3001	Central Single Loose Tube with 2 fibers 1x2 62.5/125 OM1 MM Armored LSOH F/O Cable	73,99	49,69
35.540.3002	Central Single Loose Tube with 4 fibers 1x4 62.5/125 OM1 MM Armored LSOH F/O Cable	81,93	55,13
35.540.3003	Central Single Loose Tube with 6 fibers 1x6 62.5/125 OM1 MM Armored LSOH F/O Cable	85,93	55,13
35.540.3004	Central Single Loose Tube with 8 fibers 1x8 62.5/125 OM1 MM Armored LSOH F/O Cable	96,66	60,56
35.540.3005	Central Single Loose Tube with 12 fibers 1x12 62.5/125 OM1 MM Armored LSOH F/O Cable	111,50	66,00
35.540.3006	Central Single Loose Tube with 24 fibers 1x24 62.5/125 OM1 MM Armored LSOH F/O Cable	155,78	76,88
35.540.3007	Central Multi Loose Tube with 24 fibers 2x12 62.5/125 OM1 MM Armored LSOH F/O Cable	172,78	76,88
35.540.3008	Central Single Loose Tube with 2 fibers 1x2 62.5/125 OM1 MM Non-Armored LSOH F/O Cable	68,89	49,69
35.540.3009	Central Single Loose Tube with 4 fibers 1x4 62.5/125 OM1 MM Non-Armored LSOH F/O Cable	70,99	49,69
35.540.3010	Central Single Loose Tube with 6 fibers 1x6 62.5/125 OM1 MM Non-Armored LSOH F/O Cable	81,43	55,13
35.540.3011	Central Single Loose Tube with 8 fibers 1x8 62.5/125 OM1 MM Non-Armored LSOH F/O Cable	86,23	55,13
35.540.3012	Central Single Loose Tube with 12 fibers 1x12 62.5/125 OM1 MM Non-Armored LSOH F/O Cable	101,06	60,56

35.400.-Low Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.540.3013	Central Single Loose Tube with 24 fibers 1x24 62.5/125 OM1 MM Non-Armored LSOH F/O Cable	143,34	71,44
35.540.3014	Central Multi Loose Tube with 24 fibers 2x12 62.5/125 OM1 MM Non-Armored LSOH F/O Cable	158,34	71,44
35.540.3015	Central Single Loose Tube with 2 fibers 1x2 50/125 OM2 MM Armored LSOH F/O Cable	71,69	49,69
35.540.3016	Central Single Loose Tube with 4 fibers 1x4 50/125 OM2 MM Armored LSOH F/O Cable	77,93	55,13
35.540.3017	Central Single Loose Tube with 6 fibers 1x6 50/125 OM2 MM Armored LSOH F/O Cable	80,93	55,13
35.540.3018	Central Single Loose Tube with 8 fibers 1x8 50/125 OM2 MM Armored LSOH F/O Cable	89,16	60,56
35.540.3019	Central Single Loose Tube with 12 fibers 1x12 50/125 OM2 MM Armored LSOH F/O Cable	100,50	66,00
35.540.3020	Central Single Loose Tube with 24 fibers 1x24 50/125 OM2 MM Armored LSOH F/O Cable	132,78	76,88
35.540.3021	Central Multi Loose Tube with 24 fibers 2x12 50/125 OM2 MM Armored LSOH F/O Cable	149,78	76,88
35.540.3022	Central Single Loose Tube with 2 fibers 1x2 50/125 OM2 MM Non-Armored LSOH F/O Cable	66,49	49,69
35.540.3023	Central Single Loose Tube with 4 fibers 1x4 50/125 OM2 MM Non-Armored LSOH F/O Cable	67,19	49,69
35.540.3024	Central Single Loose Tube with 6 fibers 1x6 50/125 OM2 MM Non-Armored LSOH F/O Cable	75,93	55,13
35.540.3025	Central Single Loose Tube with 8 fibers 1x8 50/125 OM2 MM Non-Armored LSOH F/O Cable	78,73	55,13
35.540.3026	Central Single Loose Tube with 12 fibers 1x12 50/125 OM2 MM Non-Armored LSOH F/O Cable	89,56	60,56
35.540.3027	Central Single Loose Tube with 24 fibers 1x24 50/125 OM2 MM Non-Armored LSOH F/O Cable	121,84	71,44
35.540.3028	Central Multi Loose Tube with 24 fibers 2x12 50/125 OM2 MM Non-Armored LSOH F/O Cable	136,34	71,44
35.540.3029	Central Single Loose Tube with 2 fibers 1x2 50/125 OM3 MM Armored LSOH F/O Cable	76,99	49,69
35.540.3030	Central Single Loose Tube with 4 fibers 1x4 50/125 OM3 MM Armored LSOH F/O Cable	85,43	55,13
35.540.3031	Central Single Loose Tube with 6 fibers 1x6 50/125 OM3 MM Armored LSOH F/O Cable	91,93	55,13
35.540.3032	Central Single Loose Tube with 8 fibers 1x8 50/125 OM3 MM Armored LSOH F/O Cable	103,66	60,56
35.540.3033	Central Single Loose Tube with 12 fibers 1x12 50/125 OM3 MM Armored LSOH F/O Cable	122,00	66,00
35.540.3034	Central Single Loose Tube with 24 fibers 1x24 50/125 OM3 MM Armored LSOH F/O Cable	176,78	76,88
35.540.3035	Central Multi Loose Tube with 24 fibers 2x12 50/125 OM3 MM Armored LSOH F/O Cable	196,78	76,88
35.540.3036	Central Single Loose Tube with 2 fibers 1x2 50/125 OM3 MM Non-Armored LSOH F/O Cable	71,69	49,69
35.540.3037	Central Single Loose Tube with 4 fibers 1x4 50/125 OM3 MM Non-Armored LSOH F/O Cable	74,99	49,69
35.540.3038	Central Single Loose Tube with 6 fibers 1x6 50/125 OM3 MM Non-Armored LSOH F/O Cable	87,43	55,13
35.540.3039	Central Single Loose Tube with 8 fibers 1x8 50/125 OM3 MM Non-Armored LSOH F/O Cable	93,23	55,13
35.540.3040	Central Single Loose Tube with 12 fibers 1x12 50/125 OM3 MM Non-Armored LSOH F/O Cable	112,56	60,56
35.540.3041	Central Single Loose Tube with 24 fibers 1x24 50/125 OM3 MM Non-Armored LSOH F/O Cable	165,34	71,44
35.540.3042	Central Multi Loose Tube with 24 fibers 2x12 50/125 OM3 MM Non-Armored LSOH F/O Cable	183,34	71,44
35.540.4000	SINGLE-MODE OPTICAL FIBER CABLE - LSOH (Unit: m) Single-mode (SM) optical fiber cables are used for high-quality audio, data and video transfer over long distances at wide and local area networks (WAN - LAN), closed circuit television (CCTV) systems, industrial automation systems (SCADA), and cable TV systems. Fiber core/cladding diameter shall be 9/125 µm, and each cladding shall be wrapped in a buffer 250 microns in diameter. It will be corrugated, grooved, with or without a steel wire armor, with an external LSOH casing and "Thixotropic Gel" filling in buffer tubes to prevent water carryover. Maximum optical attenuation shall be 0.38 dB/km at 1310 nm, and 0.25 dB/km at 1550 nm. It should meet TS EN 60332-1, TS EN 60793-1-1, TS EN 60794-1-23, TS EN 61034-1/2 and TS EN 60754-1/2 standards. It will be put into service only after it is terminated by "fusion splice" method using a special welding machine and tested end-to-end with an OTDR tester. Each fiber optic cable will be tested with an OTDR test device after it is laid, and the test reports shall be submitted to the administration. Any material and labor will be included. Note: The item will be manufactured in compliance with the TS EN 50575 and TS EN 50575/A1 standards, and the Regulation (EU) No. 305/2011 Construction Products. It will be released with a CE marking, and the Declaration of Performance by the manufacturer and Performance Stability Certificate issued by an organization accredited by the European Union.		
35.540.4001	Central Single Loose Tube with 2 fibers 1x2 9/125 SM Armored LSOH F/O Cable	69,09	49,69
35.540.4002	Central Single Loose Tube with 4 fibers 1x4 9/125 SM Armored LSOH F/O Cable	75,13	55,13
35.540.4003	Central Single Loose Tube with 6 fibers 1x6 9/125 SM Armored LSOH F/O Cable	76,43	55,13
35.540.4004	Central Single Loose Tube with 8 fibers 1x8 9/125 SM Armored LSOH F/O Cable	84,16	60,56
35.540.4005	Central Single Loose Tube with 12 fibers 1x12 9/125 SM Armored LSOH F/O Cable	92,50	66,00

35.400.-Low Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.540.4006	Central Single Loose Tube with 24 fibers 1x24 9/125 SM Armored LSOH F/O Cable	117,28	76,88
35.540.4007	Central Multi Loose Tube with 24 fibers 2x12 9/125 SM Armored LSOH F/O Cable	131,78	76,88
35.540.4008	Central Single Loose Tube with 2 fibers 1x2 9/125 SM Non-Armored LSOH F/O Cable	63,99	49,69
35.540.4009	Central Single Loose Tube with 4 fibers 1x4 9/125 SM Non-Armored LSOH F/O Cable	64,89	49,69
35.540.4010	Central Single Loose Tube with 6 fibers 1x6 9/125 SM Non-Armored LSOH F/O Cable	71,93	55,13
35.540.4011	Central Single Loose Tube with 8 fibers 1x8 9/125 SM Non-Armored LSOH F/O Cable	72,93	55,13
35.540.4012	Central Single Loose Tube with 12 fibers 1x12 9/125 SM Non-Armored LSOH F/O Cable	81,56	60,56
35.540.4013	Central Single Loose Tube with 24 fibers 1x24 9/125 SM Non-Armored LSOH F/O Cable	105,84	71,44
35.540.4014	Central Multi Loose Tube with 24 fibers 2x12 9/125 SM Non-Armored LSOH F/O Cable	118,34	71,44
35.545.0000	FIBER OPTIC CONNECTION COMPONENTS		
35.545.1000	PIGTAIL (Unit: Qty.) An optical fiber cable with a connector at one end, which is used in optical fiber termination sets. The exterior jacket is 0.9 mm in diameter. SM and MM optical fiber cables have outer jackets of the same diameter. Pigtail length is 1.5 m. It is available with ST, SC, FC, LC, MTRJ connectors. Interference loss values should be max. 0.3 dB, and the test results shall be submitted to the administration. Any material and labor will be included.		
35.545.1001	SM LC pigtail	189,94	56,44
35.545.1002	SM SC pigtail	211,94	56,44
35.545.1003	SM FC pigtail	213,94	56,44
35.545.1004	SM MTRJ pigtail	248,44	56,44
35.545.1005	SM ST pigtail	183,94	56,44
35.545.1006	MM LC pigtail	144,14	56,44
35.545.1007	MM SC pigtail	139,64	56,44
35.545.1008	MM FC pigtail	227,14	56,44
35.545.1009	MM MTRJ pigtail	242,24	56,44
35.545.1010	MM ST pigtail	162,94	56,44
35.545.2000	PATCH CORD (Unit: Qty.) An optical fiber cable with connectors at both ends, which is used for transmission between optical termination sets and active devices or among active devices. The exterior jacket is 3 mm in diameter. Patch cord length is 3 meters and 6 meters. SM and MM optical fiber cables have outer jackets of the same diameter. Type ST-SC-FC-LC-MTRJ connectors are available. Interference loss values should be below 0.3 dB, and the test results shall be submitted to the administration. Any material and labor will be included.		
35.545.2100	3MT SM PATCH CORDS		
35.545.2101	SM LC-LC patch cord	274,79	56,44
35.545.2102	SM LC-ST patch cord	240,69	56,44
35.545.2103	SM LC-SC patch cord	240,69	56,44
35.545.2104	SM LC-FC patch cord	258,18	56,44
35.545.2105	SM ST-ST patch cord	154,01	56,44
35.545.2106	SM ST-SC patch cord	169,41	56,44
35.545.2107	SM ST-FC patch cord	195,81	56,44
35.545.2108	SM SC-SC patch cord	178,54	56,44
35.545.2109	SM SC-FC patch cord	208,46	56,44
35.545.2110	SM FC-FC patch cord	225,51	56,44
35.545.2111	SM MTRJ-MTRJ patch cord	263,68	56,44
35.545.2112	SM MTRJ-ST patch cord	263,68	56,44
35.545.2113	SM MTRJ-SC patch cord	263,68	56,44
35.545.2114	SM MTRJ-LC patch cord	263,68	56,44
35.545.2115	SM MTRJ-FC patch cord	263,68	56,44
35.545.2200	6MT SM PATCH CORDS		

35.400.-Low Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.545.2201	SM LC-LC patch cord	291,51	56,44
35.545.2202	SM LC-ST patch cord	251,36	56,44
35.545.2203	SM LC-SC patch cord	251,36	56,44
35.545.2204	SM LC-FC patch cord	267,75	56,44
35.545.2205	SM ST-ST patch cord	167,21	56,44
35.545.2206	SM ST-SC patch cord	182,94	56,44
35.545.2207	SM ST-FC patch cord	211,76	56,44
35.545.2208	SM SC-SC patch cord	191,08	56,44
35.545.2209	SM SC-FC patch cord	219,79	56,44
35.545.2210	SM FC-FC patch cord	241,13	56,44
35.545.2211	SM MTRJ-MTRJ patch cord	278,86	56,44
35.545.2212	SM MTRJ-ST patch cord	278,86	56,44
35.545.2213	SM MTRJ-SC patch cord	278,86	56,44
35.545.2214	SM MTRJ-LC patch cord	278,86	56,44
35.545.2215	SM MTRJ-FC patch cord	278,86	56,44
35.545.2300	3MT MM PATCH CORDS		
35.545.2301	MM LC-LC patch cord	324,84	56,44
35.545.2302	SM LC-ST patch cord	255,76	56,44
35.545.2303	SM LC-SC patch cord	264,45	56,44
35.545.2304	SM LC-FC patch cord	282,49	56,44
35.545.2305	MM ST-ST patch cord	136,19	56,44
35.545.2306	MM ST-SC patch cord	145,86	56,44
35.545.2307	MM ST-FC patch cord	250,48	56,44
35.545.2308	MM SC-SC patch cord	148,51	56,44
35.545.2309	MM SC-FC patch cord	251,36	56,44
35.545.2310	MM FC-FC patch cord	262,58	56,44
35.545.2311	MM MTRJ-MTRJ patch cord	263,68	56,44
35.545.2312	MM MTRJ-ST patch cord	263,68	56,44
35.545.2313	MM MTRJ-SC patch cord	263,68	56,44
35.545.2314	MM MTRJ-LC patch cord	263,68	56,44
35.545.2315	MM MTRJ-FC patch cord	263,68	56,44
35.545.2400	6MT MM PATCH CORDS		
35.545.2401	MM LC-LC patch cord	341,34	56,44
35.545.2402	SM LC-ST patch cord	272,81	56,44
35.545.2403	SM LC-SC patch cord	282,49	56,44
35.545.2404	SM LC-FC patch cord	291,51	56,44
35.545.2405	MM ST-ST patch cord	149,16	56,44
35.545.2406	MM ST-SC patch cord	159,51	56,44
35.545.2407	MM ST-FC patch cord	267,75	56,44
35.545.2408	MM SC-SC patch cord	167,21	56,44
35.545.2409	MM SC-FC patch cord	267,75	56,44
35.545.2410	MM FC-FC patch cord	274,79	56,44
35.545.2411	MM MTRJ-MTRJ patch cord	273,58	56,44
35.545.2412	MM MTRJ-ST patch cord	273,58	56,44
35.545.2413	MM MTRJ-SC patch cord	273,58	56,44
35.545.2414	MM MTRJ-LC patch cord	273,58	56,44
35.545.2415	MM MTRJ-FC patch cord	273,58	56,44

35.400.-Low Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.545.3000	Rack-type Optical Fiber Termination Unit (Unit: Qty.) To be used for connecting optical fiber equipment for high-quality and wideband data, audio and video transfer on local area networks, closed circuit television systems, industrial automation systems, telecommunication rooms, and between transfer points with min. 90-meter distance to each other. 1U-high, compatible with 19" rack cabinets, and optical fiber cables of ITU G 651, 652 and 655 standards, equipped with two detachable and (V0) fireproof plastic adapter panels, fireproof plastic dust caps for unused adapter slots, additional modular cassettes made of fireproof plastic with transparent covers and min. 16 fiber capacity each for direct transmissions and terminations; cable inputs on the sides and at the back compatible with cable inputs, outputs and tee connectors and equipped with plastic dust caps compatible with such inputs; and adapters, panels, additional cassettes and additional guards , and available for insertion of simplex and duplex ST, SC, FC, LC, MTRJ optical adapters. Any material and labor shall be included.		
35.545.3001	4 Fiber ST / MM	1.934,31	595,31
35.545.3002	6 Fiber ST / MM	2.097,89	649,69
35.545.3003	8 Fiber ST / MM	2.308,04	758,44
35.545.3004	12 Fiber ST / MM	2.579,29	867,19
35.545.3005	24 Fiber ST / MM	3.917,16	1.139,06
35.545.3006	4 Fiber SC / MM	1.947,31	595,31
35.545.3007	6 Fiber SC / MM	2.067,99	649,69
35.545.3008	8 Fiber SC / MM	2.283,34	758,44
35.545.3009	12 Fiber SC / MM	2.555,89	867,19
35.545.3010	24 Fiber SC / MM	3.655,86	1.139,06
35.545.3011	4 Fiber FC / MM	2.042,21	595,31
35.545.3012	6 Fiber FC / MM	2.204,49	649,69
35.545.3013	8 Fiber FC / MM	2.419,84	758,44
35.545.3014	12 Fiber FC / MM	2.839,29	867,19
35.545.3015	4 Fiber MTRJ / MM	1.921,31	595,31
35.545.3016	6 Fiber MTRJ / MM	2.071,89	649,69
35.545.3017	8 Fiber MTRJ / MM	2.231,34	758,44
35.545.3018	12 Fiber MTRJ / MM	2.520,79	867,19
35.545.3019	24 Fiber MTRJ / MM	3.495,96	1.139,06
35.545.3020	4 Fiber LC / MM	2.042,21	595,31
35.545.3021	6 Fiber LC / MM	2.182,39	649,69
35.545.3022	8 Fiber LC / MM	2.386,04	758,44
35.545.3023	12 Fiber LC / MM	2.762,59	867,19
35.545.3024	24 Fiber LC / MM	4.014,66	1.139,06
35.545.3025	4 Fiber ST / SM	1.977,21	595,31
35.545.3026	6 Fiber ST / SM	2.096,59	649,69
35.545.3027	8 Fiber ST / SM	2.344,44	758,44
35.545.3028	12 Fiber ST / SM	2.676,79	867,19
35.545.3029	24 Fiber ST / SM	3.999,06	1.139,06
35.545.3030	4 Fiber SC / SM	2.033,11	595,31
35.545.3031	6 Fiber SC / SM	2.149,89	649,69
35.545.3032	8 Fiber SC / SM	2.391,24	758,44
35.545.3033	12 Fiber SC / SM	2.814,59	867,19
35.545.3034	24 Fiber SC / SM	3.780,66	1.139,06
35.545.3035	4 Fiber FC / SM	2.042,21	595,31
35.545.3036	6 Fiber FC / SM	2.204,49	649,69
35.545.3037	8 Fiber FC / SM	2.419,84	758,44

35.400.-Low Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.545.3038	12 Fiber FC / SM	2.839,29	867,19
35.545.3039	4 Fiber MTRJ / SM	1.934,31	595,31
35.545.3040	6 Fiber MTRJ / SM	2.019,89	649,69
35.545.3041	8 Fiber MTRJ / SM	2.231,34	758,44
35.545.3042	12 Fiber MTRJ / SM	2.525,99	867,19
35.545.3043	24 Fiber MTRJ / SM	3.545,36	1.139,06
35.545.3044	4 Fiber LC / SM	2.073,41	595,31
35.545.3045	6 Fiber LC / SM	2.233,09	649,69
35.545.3046	8 Fiber LC / SM	2.439,34	758,44
35.545.3047	12 Fiber LC / SM	2.857,49	867,19
35.545.3048	24 Fiber LC / SM	4.103,06	1.139,06
35.545.4000	Rack-type Optical Fiber Termination Unit (Unit: Qty.) To be used for connecting optical fiber equipment for high-quality and wideband data, audio and video transfer on local area networks, closed circuit television systems, industrial automation systems, telecommunication rooms, and between transfer points with min. 90-meter distance to each other. 4U-high, compatible with 19" rack cabinets, and optical fiber cables of ITU G 651, 652 and 655 standards, equipped with min. 14 detachable and (V0) fireproof plastic adapter panels, fireproof plastic dust caps for unused adapter slots, additional modular cassettes made of fireproof plastic with transparent covers, special compartments for 5 cassettes, a fiber distribution panel, and min. 16 fiber capacity each for direct transmissions and terminations; cable inputs on the sides and at the back compatible with cable inputs, outputs and tee connectors and equipped with plastic dust caps compatible with such inputs; and adapters, panels, additional cassettes and additional guards , and available for insertion of simplex and duplex ST, SC, FC, LC, MTRJ optical adapters. Any material and labor shall be included.		
35.545.4001	4 Fiber ST / MM	3.654,56	1.139,06
35.545.4002	6 Fiber ST / MM	3.896,99	1.302,19
35.545.4003	8 Fiber ST / MM	3.917,79	1.302,19
35.545.4004	12 Fiber ST / MM	4.088,94	1.410,94
35.545.4005	24 Fiber ST / MM	5.034,21	1.682,81
35.545.4006	36 Fiber ST / MM	6.218,69	1.954,69
35.545.4007	48 Fiber ST / MM	7.114,56	2.226,56
35.545.4008	4 Fiber SC / MM	3.661,06	1.139,06
35.545.4009	6 Fiber SC / MM	3.865,79	1.302,19
35.545.4010	8 Fiber SC / MM	3.943,79	1.302,19
35.545.4011	12 Fiber SC / MM	4.183,84	1.410,94
35.545.4012	24 Fiber SC / MM	5.182,41	1.682,81
35.545.4013	36 Fiber SC / MM	6.296,69	1.954,69
35.545.4014	48 Fiber SC / MM	7.426,56	2.226,56
35.545.4015	4 Fiber FC / MM	3.833,96	1.139,06
35.545.4016	6 Fiber FC / MM	4.072,49	1.302,19
35.545.4017	8 Fiber FC / MM	4.156,99	1.302,19
35.545.4018	12 Fiber FC / MM	4.502,34	1.410,94
35.545.4019	24 Fiber FC / MM	4.952,31	1.682,81
35.545.4020	36 Fiber FC / MM	7.102,69	1.954,69
35.545.4021	48 Fiber FC / MM	8.258,56	2.226,56
35.545.4022	4 Fiber MTRJ / MM	3.602,56	1.139,06
35.545.4023	6 Fiber MTRJ / MM	3.865,79	1.302,19
35.545.4024	8 Fiber MTRJ / MM	3.997,09	1.302,19
35.545.4025	12 Fiber MTRJ / MM	4.218,94	1.410,94
35.545.4026	24 Fiber MTRJ / MM	5.261,71	1.682,81

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.545.4027	36 Fiber MTRJ / MM	6.754,29	1.954,69
35.545.4028	48 Fiber MTRJ / MM	7.868,56	2.226,56
35.545.4029	4 Fiber LC / MM	3.833,96	1.139,06
35.545.4030	6 Fiber LC / MM	4.075,09	1.302,19
35.545.4031	8 Fiber LC / MM	4.179,09	1.302,19
35.545.4032	12 Fiber LC / MM	4.399,64	1.410,94
35.545.4033	24 Fiber LC / MM	5.738,81	1.682,81
35.545.4034	36 Fiber LC / MM	6.842,69	1.954,69
35.545.4035	48 Fiber LC / MM	8.050,56	2.226,56
35.545.4036	4 Fiber ST / SM	3.733,86	1.139,06
35.545.4037	6 Fiber ST / SM	3.950,29	1.302,19
35.545.4038	8 Fiber ST / SM	3.980,19	1.302,19
35.545.4039	12 Fiber ST / SM	4.218,94	1.410,94
35.545.4040	24 Fiber ST / SM	5.315,01	1.682,81
35.545.4041	36 Fiber ST / SM	6.504,69	1.954,69
35.545.4042	48 Fiber ST / SM	7.790,56	2.226,56
35.545.4043	4 Fiber SC / SM	3.788,46	1.139,06
35.545.4044	6 Fiber SC / SM	4.000,99	1.302,19
35.545.4045	8 Fiber SC / SM	4.073,79	1.302,19
35.545.4046	12 Fiber SC / SM	4.395,74	1.410,94
35.545.4047	24 Fiber SC / SM	5.634,81	1.682,81
35.545.4048	36 Fiber SC / SM	6.738,69	1.954,69
35.545.4049	48 Fiber SC / SM	8.050,56	2.226,56
35.545.4050	4 Fiber FC / SM	3.833,96	1.139,06
35.545.4051	6 Fiber FC / SM	4.072,49	1.302,19
35.545.4052	8 Fiber FC / SM	4.156,99	1.302,19
35.545.4053	12 Fiber FC / SM	4.502,34	1.410,94
35.545.4054	24 Fiber FC / SM	4.926,31	1.682,81
35.545.4055	36 Fiber FC / SM	7.102,69	1.954,69
35.545.4056	48 Fiber FC / SM	8.258,56	2.226,56
35.545.4057	4 Fiber MTRJ / SM	3.654,56	1.139,06
35.545.4058	6 Fiber MTRJ / SM	3.917,79	1.302,19
35.545.4059	8 Fiber MTRJ / SM	3.997,09	1.302,19
35.545.4060	12 Fiber MTRJ / SM	4.287,84	1.410,94
35.545.4061	24 Fiber MTRJ / SM	5.346,21	1.682,81
35.545.4062	36 Fiber MTRJ / SM	6.426,69	1.954,69
35.545.4063	48 Fiber MTRJ / SM	8.076,56	2.226,56
35.545.4064	4 Fiber LC / SM	3.817,06	1.139,06
35.545.4065	6 Fiber LC / SM	4.073,79	1.302,19
35.545.4066	8 Fiber LC / SM	4.162,19	1.302,19
35.545.4067	12 Fiber LC / SM	4.524,44	1.410,94
35.545.4068	24 Fiber LC / SM	5.816,81	1.682,81
35.545.4069	36 Fiber LC / SM	7.180,69	1.954,69
35.545.4070	48 Fiber LC / SM	8.258,56	2.226,56
35.545.5000	Wall Mount Fiber Optical Termination Unit (Unit: Qty.) Compatible with lightweight, ABS, "V0" fireproof fiber cables with plastic, lockable cover in ITU G 651, 652 and 655 standards as well as simplex and duplex adapters body used for connection of optical fiber equipment, equipped with fireproof plastic dust caps on idle		

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	adapter slots, additional cassettes integrated with the housing, 12 fiber capacity, and with cable inputs and outputs compatible with tee connectors, and cable inputs on the top and on the bottom, and with adapters, panels, additional guards, and equipped with a detachable (V0) fireproof adapter panel and an adapter panel that is compatible with ST, SC, FC, LC, MTRJ optical adapters, for high-quality and wideband data, audio and video transfer at all transmission points positioned farther than 90 meters to each other in local area networks, closed circuit television systems, industrial automation systems or telecommunication rooms. Any material and labor shall be included.		
35.545.5001	4 Fiber ST / MM	1.472,64	323,44
35.545.5002	6 Fiber ST / MM	1.705,96	486,56
35.545.5003	8 Fiber ST / MM	1.804,76	486,56
35.545.5004	12 Fiber ST / MM	2.056,51	595,31
35.545.5005	4 Fiber SC / MM	1.473,94	323,44
35.545.5006	6 Fiber SC / MM	1.739,76	486,56
35.545.5007	8 Fiber SC / MM	1.847,66	486,56
35.545.5008	12 Fiber SC / MM	2.122,81	595,31
35.545.5009	4 Fiber FC / MM	1.554,54	323,44
35.545.5010	6 Fiber FC / MM	1.839,86	486,56
35.545.5011	4 Fiber MTRJ / MM	1.472,64	323,44
35.545.5012	6 Fiber MTRJ / MM	1.707,26	486,56
35.545.5013	8 Fiber MTRJ / MM	1.804,76	486,56
35.545.5014	12 Fiber MTRJ / MM	2.031,81	595,31
35.545.5015	4 Fiber LC / MM	1.554,54	323,44
35.545.5016	6 Fiber LC / MM	1.803,46	486,56
35.545.5017	8 Fiber LC / MM	1.903,56	486,56
35.545.5018	12 Fiber LC / MM	2.284,01	595,31
35.545.5019	4 Fiber ST / SM	1.516,84	323,44
35.545.5020	6 Fiber ST / SM	1.782,66	486,56
35.545.5021	8 Fiber ST / SM	1.845,06	486,56
35.545.5022	4 Fiber SC / SM	1.550,64	323,44
35.545.5023	6 Fiber SC / SM	1.793,06	486,56
35.545.5024	8 Fiber SC / SM	1.942,56	486,56
35.545.5025	12 Fiber SC / SM	2.276,21	595,31
35.545.5026	4 Fiber FC / SM	1.567,54	323,44
35.545.5027	6 Fiber FC / SM	1.839,86	486,56
35.545.5028	12 Fiber MTRJ / SM	2.056,51	595,31
35.545.5029	4 Fiber LC / SM	1.602,64	323,44
35.545.5030	6 Fiber LC / SM	1.877,56	486,56
35.545.5031	8 Fiber LC / SM	1.984,16	486,56
35.545.5032	12 Fiber LC / SM	2.404,91	595,31
35.545.6000	Wall Mount Fiber Optical Termination Unit (Unit: Qty.) To be used for connecting optical fiber equipment for high-quality and wideband data, audio and video transfer on local area networks, closed circuit television systems, industrial automation systems, telecommunication rooms, and between transfer points with min. 90-meter distance to each other. Locked, with two covers and the additional cassette compartment and the panel connection compartment accessible through separate covers, and optical fiber cables of ITU G 651, 652 and 655 standards, equipped with 4 detachable and (V0) fireproof plastic adapter panels, fireproof plastic dust caps for idle adapter slots, additional modular cassettes made of fireproof plastic with transparent covers, compartments with min. 3 additional cassettes, a fiber distribution panel, and min. 16 fiber capacity each for direct transmissions and terminations; cable inputs on the sides and at the back compatible with cable inputs, outputs and tee connectors and equipped with plastic dust caps compatible with such inputs; and		

35.400.-Low Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	adapters, panels, additional cassettes and additional guards, and available for insertion of simplex and duplex ST, SC, FC, LC, MTRJ optical adapters. Any material and labor shall be included.		
35.545.6001	4 Fiber ST / MM	2.068,21	595,31
35.545.6002	6 Fiber ST / MM	2.245,64	758,44
35.545.6003	8 Fiber ST / MM	2.391,24	758,44
35.545.6004	12 Fiber ST / MM	2.633,89	867,19
35.545.6005	24 Fiber ST / MM	3.805,36	1.139,06
35.545.6006	36 Fiber ST / MM	4.816,94	1.410,94
35.545.6007	48 Fiber ST / MM	5.946,81	1.682,81
35.545.6008	4 Fiber SC / MM	2.064,31	595,31
35.545.6009	6 Fiber SC / MM	2.236,54	758,44
35.545.6010	8 Fiber SC / MM	2.393,84	758,44
35.545.6011	12 Fiber SC / MM	2.704,09	867,19
35.545.6012	24 Fiber SC / MM	3.917,16	1.139,06
35.545.6013	36 Fiber SC / MM	4.992,44	1.410,94
35.545.6014	48 Fiber SC / MM	6.180,81	1.682,81
35.545.6015	4 Fiber FC / MM	2.202,11	595,31
35.545.6016	6 Fiber FC / MM	2.445,84	758,44
35.545.6017	8 Fiber FC / MM	2.571,94	758,44
35.545.6018	12 Fiber FC / MM	2.913,39	867,19
35.545.6019	24 Fiber FC / MM	4.304,56	1.139,06
35.545.6020	36 Fiber FC / MM	5.700,94	1.410,94
35.545.6021	48 Fiber FC / MM	7.012,81	1.682,81
35.545.6022	4 Fiber MTRJ / MM	2.055,21	595,31
35.545.6023	6 Fiber MTRJ / MM	2.253,44	758,44
35.545.6024	8 Fiber MTRJ / MM	2.369,14	758,44
35.545.6025	12 Fiber MTRJ / MM	2.678,09	867,19
35.545.6026	24 Fiber MTRJ / MM	3.869,06	1.139,06
35.545.6027	36 Fiber MTRJ / MM	4.841,64	1.410,94
35.545.6028	48 Fiber MTRJ / MM	5.944,21	1.682,81
35.545.6029	4 Fiber LC / MM	2.178,71	595,31
35.545.6030	6 Fiber LC / MM	2.439,34	758,44
35.545.6031	8 Fiber LC / MM	2.575,84	758,44
35.545.6032	12 Fiber LC / MM	2.910,79	867,19
35.545.6033	24 Fiber LC / MM	4.257,76	1.139,06
35.545.6034	36 Fiber LC / MM	5.596,94	1.410,94
35.545.6035	48 Fiber LC / MM	6.856,81	1.682,81
35.545.6036	4 Fiber ST / SM	2.095,51	595,31
35.545.6037	6 Fiber ST / SM	2.341,84	758,44
35.545.6038	8 Fiber ST / SM	2.473,14	758,44
35.545.6039	12 Fiber ST / SM	2.762,59	867,19
35.545.6040	24 Fiber ST / SM	4.014,66	1.139,06
35.545.6041	36 Fiber ST / SM	5.282,34	1.410,94
35.545.6042	48 Fiber ST / SM	6.492,81	1.682,81
35.545.6043	4 Fiber SC / SM	2.202,11	595,31
35.545.6044	6 Fiber SC / SM	2.365,24	758,44
35.545.6045	8 Fiber SC / SM	2.496,54	758,44

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.545.6046	12 Fiber SC / SM	2.866,59	867,19
35.545.6047	24 Fiber SC / SM	4.207,06	1.139,06
35.545.6048	36 Fiber SC / SM	5.518,94	1.410,94
35.545.6049	48 Fiber SC / SM	6.830,81	1.682,81
35.545.6050	4 Fiber FC / SM	2.202,11	595,31
35.545.6051	6 Fiber FC / SM	2.445,84	758,44
35.545.6052	8 Fiber FC / SM	2.571,94	758,44
35.545.6053	12 Fiber FC / SM	2.939,39	867,19
35.545.6054	24 Fiber FC / SM	4.304,56	1.139,06
35.545.6055	36 Fiber FC / SM	5.700,94	1.410,94
35.545.6056	48 Fiber FC / SM	7.064,81	1.682,81
35.545.6057	4 Fiber MTRJ / SM	2.068,21	595,31
35.545.6058	6 Fiber MTRJ / SM	2.245,64	758,44
35.545.6059	8 Fiber MTRJ / SM	2.391,24	758,44
35.545.6060	12 Fiber MTRJ / SM	2.684,59	867,19
35.545.6061	24 Fiber MTRJ / SM	3.973,06	1.139,06
35.545.6062	36 Fiber MTRJ / SM	4.893,64	1.410,94
35.545.6063	48 Fiber MTRJ / SM	5.968,91	1.682,81
35.545.6064	4 Fiber LC / SM	2.222,91	595,31
35.545.6065	6 Fiber LC / SM	2.470,54	758,44
35.545.6066	8 Fiber LC / SM	2.601,84	758,44
35.545.6067	12 Fiber LC / SM	2.895,19	867,19
35.545.6070	48 Fiber LC / SM	7.064,81	1.682,81
35.545.6069	36 Fiber LC / SM	5.752,94	1.410,94
35.545.7001	single pipe, Ø32 mm	71,20	46,31
35.545.7000	PE Optical Fiber Cable Protection Pipes (Unit: m.) Installation, including any material and labor, of polyethylene pipes in minimum 450 N pressure class. They will be used as cable protection pipes in telecommunication infrastructure systems. They must meet EN50086-2-4 and EN 61386-24 standards.		
35.545.6068	24 Fiber LC / SM	4.307,16	1.139,06
35.545.7002	single pipe, Ø40 mm	88,71	51,75
35.545.7003	dual multiplexer pipe, Ø2 x 32 mm	101,94	51,75
35.545.7004	dual multiplexer pipe, Ø2 x 40 mm	137,98	64,69
35.545.7005	triple multiplexer pipe, Ø40 x 32 x 32 mm	164,56	77,63
35.545.8100	Fiber Optic Socket: (Unit: Qty.) Supply, casing and on-site installation of fiber optic keystone jack and fiber optic socket, including any minor material and labor.		
35.545.8105	Surface-mounted single fiber optic socket	571,76	238,13
35.545.8110	Surface-mounted double fiber optic socket	811,76	346,88
35.545.8115	Flush-mounted single fiber optic socket	571,76	238,13
35.545.8120	Flush-mounted double fiber optic socket	811,76	346,88
35.550.0000	RACK CABINETS: (Unit: Qty.) (As per TS EN 61587-1)		
35.550.1000	Wall-mounted cabinets: (Unit: Qty.) Supply, and installation in working order, including any minor material, of cabinets coated with electrostatic powder paint, certified by an accredited testing organization in compliance with the TS EN 61587-1 standard; min. 1.5-mm-thick twisted carriers and internal rails (2 in front, 2 at the back), min. 1-mm-thick DKP sheet metal side panels, 19-inch-wide gaps between the rails, bottom chassis with a cable input section that prevents dust ingress and secures cables, key-lock, detachable front and side covers, front cover made of tempered,		

35.400.-Low Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	anti-static, secure, smoke gray glass with 4-mm grinding and at least 135 degrees of angle, which can be opened with a key and detached, with at least a 3-cm diameter screw-fixed frame with metal fittings around the glass that hold it to enhance its strength, with ventilation gratings on the top and/or side surfaces, with the edges of the holes on the rails sized min. 9.5 ± 0.01 mm each, and with the rails moveable along the depth of the cabinet.		
35.550.1105	7U 600 mm x 450 mm 19" cabinet	8.915,50	732,88
35.550.1110	9U 600 mm x 450 mm 19" cabinet	9.341,68	732,88
35.550.1115	12U 600 mm x 450 mm 19" cabinet	10.347,28	732,88
35.550.1120	16U 600 mm x 450 mm 19" cabinet	11.708,60	732,88
35.550.1160	7U 600 mm x 600 mm 19" cabinet	8.964,88	732,88
35.550.1165	9U 600 mm x 600 mm 19" cabinet	10.676,08	732,88
35.550.1170	12U 600 mm x 600 mm 19" cabinet	11.705,68	732,88
35.550.1175	16U 600 mm x 600 mm 19" cabinet	13.138,48	732,88
35.550.2000	Floor-standing cabinets: (Unit: Qty.) Supply, and installation in working order, including any minor material, of cabinets coated with electrostatic powder paint, certified by an accredited testing organization in compliance with the TS EN 61587-1 standard; min. 1.5-mm-thick twisted carriers and internal rails (2 in front, 2 at the back), min. 1-mm-thick DKP sheet metal side panels, 19-inch-wide gaps between the rails, lockable, with wheels that can carry a load of at least 200 kg, bottom chassis with a cable input section that prevents dust ingress and secures cables, key-lock, detachable front, back and side covers, front cover made of tempered, anti-static, secure, smoke gray glass with 4-mm grinding and at least 135 degrees of opening angle, which can be opened with a key and detached, with at least a 3-cm diameter screw-fixed frame with metal fittings around the glass that hold it to enhance its strength, with ventilation gratings on the top and/or side surfaces, designed in a way that allows intervention to the fan group when the top cover and/or hat is removed, with the edges of the holes on the rails sized 9.5 ± 0.01 mm each, and with the rails moveable along the depth of the cabinet.		
35.550.2105	12U 600 mm x 600 mm 19" floor-standing cabinet	14.051,50	732,88
35.550.2110	16U 600 mm x 600 mm 19" floor-standing cabinet	18.491,68	732,88
35.550.2115	20U 600 mm x 600 mm 19" floor-standing cabinet	20.847,04	868,81
35.550.2120	22U 600 mm x 600 mm 19" floor-standing cabinet	21.847,45	868,81
35.550.2125	26U 600 mm x 600 mm 19" floor-standing cabinet	23.372,56	868,81
35.550.2130	32U 600 mm x 600 mm 19" floor-standing cabinet	25.975,04	868,81
35.550.2135	34U 600 mm x 600 mm 19" floor-standing cabinet	26.709,31	868,81
35.550.2140	36U 600 mm x 600 mm 19" floor-standing cabinet	27.359,06	868,81
35.550.2145	39U 600 mm x 600 mm 19" floor-standing cabinet	28.773,28	954,80
35.550.2150	42U 600 mm x 600 mm 19" floor-standing cabinet	30.190,09	1.193,86
35.550.2155	45U 600 mm x 600 mm 19" floor-standing cabinet	32.261,51	1.193,86
35.550.2160	47U 600 mm x 600 mm 19" floor-standing cabinet	33.365,86	1.193,86
35.550.2205	12U 600 mm x 800 mm 19" floor-standing cabinet	14.419,45	868,81
35.550.2210	16U 600 mm x 800 mm 19" floor-standing cabinet	18.936,98	868,81
35.550.2215	20U 600 mm x 800 mm 19" floor-standing cabinet	22.521,36	868,81
35.550.2220	22U 600 mm x 800 mm 19" floor-standing cabinet	24.503,78	868,81
35.550.2225	26U 600 mm x 800 mm 19" floor-standing cabinet	25.636,56	868,81
35.550.2230	32U 600 mm x 800 mm 19" Floor-standing cabinet	28.447,76	954,80
35.550.2235	34U 600 mm x 800 mm 19" floor-standing cabinet	29.250,68	954,80
35.550.2240	36U 600 mm x 800 mm 19" floor-standing cabinet	30.093,30	954,80
35.550.2245	39U 600 mm x 800 mm 19" floor-standing cabinet	31.810,44	1.193,86
35.550.2250	42U 600 mm x 800 mm 19" floor-standing cabinet	33.111,90	1.193,86

35.400.-Low Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.550.2255	45U 600 mm x 800 mm 19" floor-standing cabinet	35.392,81	1.193,86
35.550.2260	47U 600 mm x 800 mm 19" floor-standing cabinet	36.622,66	1.193,86
35.550.2305	12U 600 mm x 1000 mm 19" floor-standing cabinet	15.946,99	868,81
35.550.2310	16U 600 mm x 1000 mm 19" floor-standing cabinet	20.973,38	868,81
35.550.2315	20U 600 mm x 1000 mm 19" floor-standing cabinet	24.827,04	868,81
35.550.2320	22U 600 mm x 1000 mm 19" floor-standing cabinet	27.222,49	868,81
35.550.2325	26U 600 mm x 1000 mm 19" floor-standing cabinet	29.133,38	868,81
35.550.2330	32U 600 mm x 1000 mm 19" floor-standing cabinet	32.657,86	1.193,86
35.550.2335	34U 600 mm x 1000 mm 19" floor-standing cabinet	33.449,98	1.193,86
35.550.2340	36U 600 mm x 1000 mm 19" floor-standing cabinet	34.258,14	1.193,86
35.550.2345	39U 600 mm x 1000 mm 19" floor-standing cabinet	35.875,70	1.193,86
35.550.2350	42U 600 mm x 1000 mm 19" floor-standing cabinet	37.309,61	1.193,86
35.550.2355	45U 600 mm x 1000 mm 19" floor-standing cabinet	39.889,28	1.193,86
35.550.2360	47U 600 mm x 1000 mm 19" floor-standing cabinet	41.292,34	1.193,86
35.550.2450	42U 600 mm x 1200 mm 19" floor-standing cabinet	50.548,19	1.193,86
35.550.2460	47U 600 mm x 1200 mm 19" floor-standing cabinet	56.256,10	1.193,86
35.550.2505	12U 800 mm x 800 mm 19" floor-standing cabinet	15.861,36	868,81
35.550.2510	16U 800 mm x 800 mm 19" floor-standing cabinet	20.179,21	868,81
35.550.2515	20U 800 mm x 800 mm 19" floor-standing cabinet	23.725,03	868,81
35.550.2520	22U 800 mm x 800 mm 19" floor-standing cabinet	26.010,74	868,81
35.550.2525	26U 800 mm x 800 mm 19" floor-standing cabinet	30.106,88	954,80
35.550.2530	32U 800 mm x 800 mm 19" floor-standing cabinet	33.570,25	1.193,86
35.550.2535	34U 800 mm x 800 mm 19" floor-standing cabinet	34.238,54	1.193,86
35.550.2540	36U 800 mm x 800 mm 19" floor-standing cabinet	34.966,14	1.193,86
35.550.2545	39U 800 mm x 800 mm 19" floor-standing cabinet	36.608,99	1.193,86
35.550.2550	42U 800 mm x 800 mm 19" floor-standing cabinet	38.214,15	1.193,86
35.550.2555	45U 800 mm x 800 mm 19" floor-standing cabinet	40.858,39	1.193,86
35.550.2560	47U 800 mm x 800 mm 19" floor-standing cabinet	42.274,19	1.193,86
35.550.2640	26U 800 mm x 1000 mm 19" floor-standing cabinet	34.320,71	1.193,86
35.550.2645	32U 800 mm x 1000 mm 19" floor-standing cabinet	37.116,34	1.193,86
35.550.2650	34U 800 mm x 1000 mm 19" floor-standing cabinet	38.207,11	1.193,86
35.550.2655	36U 800 mm x 1000 mm 19" floor-standing cabinet	39.256,19	1.193,86
35.550.2660	39U 800 mm x 1000 mm 19" floor-standing cabinet	40.777,06	1.193,86
35.550.2665	42U 800 mm x 1000 mm 19" floor-standing cabinet	42.416,03	1.193,86
35.550.2670	45U 800 mm x 1000 mm 19" floor-standing cabinet	45.446,20	1.279,86
35.550.2675	47U 800 mm x 1000 mm 19" floor-standing cabinet	47.066,34	1.279,86
35.550.2750	42U 800 mm x 1200 mm 19" floor-standing cabinet	51.824,83	1.279,86
35.550.2760	47U 800 mm x 1200 mm 19" floor-standing cabinet	57.945,79	1.279,86
35.550.4000	Product Accessories: (Unit: Qty.)		
35.550.4001	Fixed shelf for 450 mm depth	657,24	
35.550.4002	Fixed shelf for 600 mm depth	706,81	
35.550.4003	Fixed shelf for 800 mm depth	851,10	
35.550.4004	Fixed shelf for 1000 mm depth	1.228,55	
35.550.4005	Adjustable shelf for 600 mm depth	1.681,45	
35.550.4006	Adjustable shelf for 800 mm depth	1.969,25	
35.550.4007	Adjustable shelf for 1000 mm depth	3.044,48	
35.550.4008	Brake castor group (Front wheels with brakes)	1.982,39	323,44

35.400.-Low Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.550.4050	Thermostatic fan module (1 fans)	3.027,66	323,44
35.550.4055	Thermostatic fan module (1 fan), analog thermostat	3.420,06	323,44
35.550.4060	Thermostatic fan module (2 fans)	4.108,45	323,44
35.550.4065	Thermostatic fan module (2 fans), analog thermostat	4.508,45	323,44
35.550.4070	Thermostatic fan module (2 fans), digital thermostat	7.257,95	323,44
35.550.4080	Thermostatic fan module (4 fans)	5.702,41	323,44
35.550.4085	Thermostatic fan module (4 fans), analog thermostat	5.902,41	323,44
35.550.4090	Thermostatic fan module (4 fans), digital thermostat	8.978,35	323,44
35.550.4110	19" rack-type 3-outlet socket with switch	1.935,94	323,44
35.550.4115	19" rack-type 4-outlet socket with switch	2.112,00	323,44
35.550.4120	19" rack-type 6-outlet socket with switch	2.283,28	323,44
35.550.4125	19" rack-type 8-outlet socket with switch	2.495,33	323,44
35.550.4160	19" rack-type 4-outlet socket with fuse	2.808,14	323,44
35.550.4165	19" rack-type 6-outlet socket with fuse	3.067,66	323,44
35.550.4170	19" rack-type 8-outlet socket with fuse	3.560,54	323,44
35.550.4210	19" 1U horizontal cable organizer	934,91	323,44
35.550.4220	19" 2U horizontal cable organizer	1.129,34	323,44
35.550.4310	7U vertical cable organizer (single side)	663,56	323,44
35.550.4315	9U vertical cable organizer (single side)	705,96	323,44
35.550.4320	12U vertical cable organizer (single side)	736,34	323,44
35.550.4325	16U vertical cable organizer (single side)	856,11	323,44
35.550.4330	20U vertical cable organizer (single side)	1.014,71	323,44
35.550.4335	22U vertical cable organizer (single side)	1.121,26	323,44
35.550.4340	26U vertical cable organizer (single side)	1.248,94	323,44
35.550.4345	32U vertical cable organizer (single side)	1.350,78	323,44
35.550.4350	34U vertical cable organizer (single side)	1.402,01	323,44
35.550.4355	36U vertical cable organizer (single side)	1.465,46	323,44
35.550.4360	39U vertical cable organizer (single side)	1.543,91	323,44
35.550.4365	42U vertical cable organizer (single side)	1.615,81	323,44
35.550.4370	45U vertical cable organizer (single side)	1.694,18	323,44
35.550.4375	47U vertical cable organizer (single side)	1.748,51	323,44
35.550.7000	Data Center Cabinets: (Unit: Qty.) (in compliance with the TS EN 61587-1 standard) The cabinets to be used to host information equipment should contain a cooling unit, uninterruptible power supply (UPS), surveillance system, at least one power distribution unit (PDU), fire extinguishing unit, and electricity distribution units. They should be rated IP54 for protection class. The cooling system shall include a copper pipe, cable and gas charge up to 20 m between the internal and external cooling units. It shall be equipped with a locking system for protection against unauthorized access, and allow to log the open/closed status of doors by integration with the surveillance device or by remote access through its firmware. Finger-type vertical organizers shall be installed on cabinets if cabinets wider than 800 mm are used. Empty RTUs in the cabinet shall be closed with 6U screwless Blanking Panels that do not require any tool for attachment. Cabinet glass shall be in compliance with TS EN 12150-1:2015+A1. The PDU shall be equipped with minimum 24 x C13 (minimum 20 x C13 for 36U cabinets) and minimum 4 x C19 outputs. It shall be 1PH and capable of drawing a current of 32A. The battery group used with the uninterruptible power supply shall be maintenance-free dry type with 5-year lifecycle. The expected battery life shall be indicated in the battery catalog. The UPS shall have online and double-conversion operating principles with minimum 0.94-percent IGBTs on rectifier and inverter blocks. It should be possible to install an SNMP module on the KGK. The surveillance device shall be IP (Internet Protocol) based. It shall allow access through the local network. The sensors that are available or can be installed on the device shall be capable of detecting and logging the temperature, humidity, water leaks, doors and smoke. It shall support SNMP and/or MODBUS. At least 1 x 3U and 19"-wide cabinet and a Rack-type Electricity Distribution Panel with similar mechanical and metal sheet structure and color shall be available to perform the main energy supply function. The system shall be CE- and RoHS-certified. It shall comply with TS EN 60529 and TS EN 50102. Delivery in working order, including transportation to the work site, installation, and any small installation material, of the system that is in compliance with the 2014/35/EU Low Voltage Directive and 2004/108/EC Electromagnetic Compatibility Directive.		

35.400.-Low Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	Note: Width and depth are for the cabinet and do not include the cooling device and the cold aisle.		
35.550.7100	Single-cabinet Data Center: (Unit: Qty.) (min. 10-kW cooling) The system with the specifications given in 35.550.7000 is made up of 1 x 42U cabinet. A minimum 10-kW precision air conditioning unit of in-row type, with side air-cooled direct expansion (DX) system and inverter compressor. There should be h= 150 mm bases under the cabinets, The bases should have brushed cable holes on the right or left side and on the back. 1U fiber panels should be able to run smoothly through the cable holes. The cabinets should be equipped with a tempered glass front door and a solid back door. The uninterruptible power supply (Rack Type UPS) shall have a minimum capacity of 10 kVA (2U). The battery boxes of the device should be 3U 19" rack type with minimum 16 x 12V, 9Ah batteries in each box. The Surveillance System should include at least the following modules; 1 x main control module with web control, 1 x minimum 2-meter cable-type water leak sensor, 2 smoke detectors, 2 heat and humidity sensors, 2 door sensors. The Electricity Distribution Panel should be equipped with the following switches and products: 1 x Main Power Input Circuit Breaker (3x40 A C10kA), 1 Precise Air Conditioner Supply Circuit Breaker (3x25 A C6kA), 1 UPS Supply Circuit Breaker (1x32 A C6kA), 1 UPS Return Circuit Breaker (2x32 A C6kA), 1 PDU Supply Circuit Breaker (1x32 A C6kA), 1 Backup Circuit Breaker (1x32 A C6kA), 1 Backup Circuit Breaker (1x16 A C6kA), 1 unit of 3x40A 300-ma residual current relay, 1 Energy Monitor with Rail-type Communication, 1 Rail-type Power Socket.		
35.550.7101	600x1000mm	1.111.364,88	33.419,88
35.550.7102	600x1200mm	1.116.204,88	33.419,88
35.550.7103	800x1000mm	1.122.804,88	33.419,88
35.550.7104	800x1200mm	1.144.474,88	33.419,88
35.550.7200	2-cabinet Data Center: (Unit: Qty.) The system with the specifications given in 35.550.7000 is made up of 2 x 42U cabinet. A minimum 10-kW precision air conditioning unit of in-row type, with side air-cooled direct expansion (DX) system and inverter compressor. There should be h= 150 mm bases under the cabinets, The bases should have brushed cable holes on the right or left side and on the back. 1U fiber panels should be able to run smoothly through the cable holes. The cabinets should be equipped with a tempered glass front door and a solid back door. The uninterruptible power supply (Rack Type UPS) shall have a minimum capacity of 10 kVA (2U). The battery boxes of the device should be 3U 19" rack type with minimum 16 x 12V, 9Ah batteries in each box. The Surveillance System should include at least the following modules; 1 x main control module with web control, 1 x minimum 2-meter cable-type water leak sensor, 2 smoke detectors, 4 heat and humidity sensors, 4 door sensors. The Electricity Distribution Panel should be equipped with the following switches and products: 1 x Main Power Input Circuit Breaker (3x50 A C10kA), 1 Precise Air Conditioner Supply Circuit Breaker (3x25 A C6kA), 1 UPS Supply Circuit Breaker (1x32 A C6kA), 1 UPS Return Circuit Breaker (2x32 A C6kA), 2 PDU Supply Circuit Breaker (1x32 A C6kA), 2 Backup Circuit Breaker (1x32 A C6kA), 2 Backup Circuit Breaker (1x16 A C6kA), 1 unit of 3x40A 300-ma residual current relay, 1 Energy Monitor with Rail-type Communication, 1 Rail-type Power Socket.		
35.550.7201	600x1000mm	1.301.001,81	39.279,81
35.550.7202	600x1200mm	1.324.761,81	39.279,81
35.550.7203	800x1000mm	1.324.321,81	39.279,81
35.550.7204	800x1200mm	1.347.421,81	39.279,81
35.550.7300	3-cabinet Data Center: (Unit: Qty.) The system with the specifications given in 35.550.7000 is made up of 3 x 42U cabinet. A minimum 20-kW precise air conditioning device with inrow cooling unit, side cooling, direct-expansion (DX) (with Inverter Compressor). There should be h= 150 mm bases under the cabinets, The bases should have brushed cable holes on the right or left side and on the back. 1U fiber panels should be able to run smoothly through the cable holes. The cabinets should be equipped with a tempered glass front door and a solid back door. The uninterruptible power supply (Rack Type UPS) shall have a minimum capacity of 20 kVA (2x10 kVA) (2x2U). The UPS shall be capable of parallel operation with a 20-kVA (1 x 10 kVA) capacity. The battery boxes of the device should be 3U 19" rack type with minimum 16 x 12V, 9Ah batteries in each box. 2 x 3U battery cases capable of parallel operation shall be available for each device.		

35.400.-Low Current Interior Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	The Surveillance System should include at least the following modules; 1 x main control module with web control, 1 x minimum 2-meter cable-type water leak sensor, 2 smoke detectors, 6 heat and humidity sensors, 6 door sensors. The Electricity Distribution Panel should be equipped with the following switches and products: 1 x Main Power Input Circuit Breaker (3x63 A C10kA), 1 Precise Air Conditioner Supply Circuit Breaker (3x32 A C6kA), 2 UPS Supply Circuit Breaker (1x32 A C6kA), 2 UPS Return Circuit Breaker (2x32 A C6kA), 3 PDU Supply Circuit Breaker (1x32 A C6kA), 2 Backup Circuit Breaker (1x32 A C6kA), 2 Backup Circuit Breaker (1x16 A C6kA), 1 unit of 3x63A 300-ma residual current relay, 1 Energy Monitor with Rail-type Communication, 1 Rail-type Power Socket.		
35.550.7301	600x1000mm	1.601.208,81	44.279,81
35.550.7302	600x1200mm	1.617.048,81	44.279,81
35.550.7303	800x1000mm	1.622.988,81	44.279,81
35.550.7304	800x1200mm	1.631.898,81	44.279,81
35.550.7500	Data Center Cabinet: (Unit: Qty.) (min. 3.7-kW cooling) The system with the specifications given in 35.550.7000 is made up of 36U or 42U cabinet. It shall have a minimum 3.7-kW cooling system. Cabinet dimensions shall be minimum 600 mm (width) x 1000 mm (depth). The cabinets shall be provided with a base (h=100 mm) or casters underneath. Rack Type Uninterruptible Power Supply shall be of minimum 6 kVA capacity. The battery boxes of the device should be 3U 19" rack type with minimum 16 x min. 7 Ah batteries in each box. The Surveillance System should include at least the following modules; 1 x main control module with web control, 1 x minimum 2-meter cable-type water leak sensor, 2 smoke detectors, 2 heat and humidity sensors, 2 door sensors. The Electricity Distribution Panel should be equipped with the following switches and products: 1 x Main Power Input Circuit Breaker (3x40 A C10kA), 1 Precise Air Conditioner Supply Circuit Breaker (3x25 A C6kA), 1 UPS Supply Circuit Breaker (1x32 A C6kA), 1 UPS Return Circuit Breaker (2x32 A C6kA), 1 PDU Supply Circuit Breaker (1x32 A C6kA), 1 Backup Circuit Breaker (1x32 A C6kA), 1 Backup Circuit Breaker (1x16 A C6kA), 1 unit of 3x40A 300-ma residual current relay, 1 Energy Monitor with Rail-type Communication, 1 Rail-type Power Socket.		
35.550.7501	36U	555.952,44	11.947,44
35.550.7502	42U	563.212,44	11.947,44



REPUBLIC OF TÜRKİYE
MINISTRY OF ENVIRONMENT, URBANIZATION,
AND CLIMATE CHANGE

Higher Technical Board

1934

TELEPHONE EXCHANGE INSTALLATION
UNIT PRICES AND SPECIFICATIONS

2025

35.700.-Telephone Exchange Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.701.1000	HYBRID (ANALOG-DIGITAL or ANALOG-DIGITAL-IP) TELEPHONE EXCHANGE (Unit: Qty.) It shall be manufactured in accordance with the Radio Equipment Directive and released with the CE compliance marking. The procedures and principles specified in the Regulation on the Protection of Personal Data and Protection of Privacy in the Electronic Communications Sector shall be complied with. The telephone exchange shall fully comply with the recently published books and recommendations (including the country options specified by the service provider company), standards of ITU-T (International Telecommunication Union) and ETSI (European Telecommunication Standards Institution). -The exchange must fully support the state-of-the-art IP (Internet Protocol) and DECT (wireless telephone system) applications. IP (Internet protocol) and DECT system features shall be applied on the telephone exchange and then be handed over to the administration. Additionally, DECT telephone sets shall support Caller ID (CLIP), Connected Line ID (COLP), Caller Name ID (CNIP), Dialed Name ID (CONP), dialing by name, leaving message, roaming features and the subscriber will be able to use these features when they want. IP (Internet protocol) and DECT system features shall be applied on the telephone exchange and then be handed over to the administration. -There must be at least two processors in the systems exceeding the capacity of 250 ports and they must be operated as hot stand by (full load sharing). However, in systems that do not have a main processor or consist of distributed processors, each distributed processor must be able to keep a backup of the entire system and operate without critical hardware that could cause the system to fail completely. -Systems exceeding the total capacity of 250 ports capacity should be extendable by at least 50%. -At least three (3) persons should be included in the conference in a conference circuit. However, the telephone exchange should support multiple conferences as hardware and software. -The telephone exchange shall support all current ISDN standards and recommendations published by the Information and Communication Technologies Authority and ITU-T. -It shall be a completely modular system as software and hardware. -The system shall be accessed and intervened by modem for malfunctions and system programming. -The exchange must support analogue and digital junction connections (2 and 4-wire E and M, ISDN, Ethernet, R2, etc.) in order to be able to work in networks that are created and can be created. -Together with a rectifier unit, a maintenance-free type dry battery group capable to feed the system for at least 8 hours must be included. - For each 20 analog, IP external lines and 30 digital external lines (PRI) in the system configuration, 1 operator console and headset shall be supplied. -A robot operator and voice mail system will be included with a 4-channel capacity for up to 50 analog and IP outputs, and a robot operator and voice mail system with an 8-channel capacity for outputs over 50. -With regard to the extension capacities, all kinds of software and hardware that will serve the subscriber shall be included in the additional capacity and the service quality of the exchange will not decrease. -Ethernet hardware and a web interface shall be supplied for remote intervention, maintenance and programming of the exchange. -The main distribution frame (MDF) to be supplied must be two-sided (exchange and building side). Analog TT lines must be protected against high voltage and current. The grounding and power supply of the system shall be established separately and independently. -The system shall be guaranteed for at least two years. -The whole system, including all materials and workmanship, shall be delivered in working order. Robot operator and message recording system: -The system will serve in at least in two languages (Turkish and English). -Message recording time shall be at least 100 hours for systems with a total capacity of up to 250 subscribers and the time will be increased by the same ratio as the increment in the number of subscribers for the systems with more than 250 subscribers. -For the security of personal information, the system will be password protected. -The system will be powered by the exchange. Pricing: - Programs or information for call billing shall be in the format requested by the administration. Note 1: It shall be calculated as 1 Analogue subscriber = 1 port 1 trunk = 1 port ISDN PRI = 30 ports. Article 1: In the exchange, programs, operating parameters and contact information shall not be affected by power failures. Article 2: Exchange and telephone sets shall ensure the use of the features offered by the Euro-ISDN standards. These concern: * Services and Specifications of Euro-ISDN: CH, CB, CW, Call Forward-B / U / NR, Conference Call: More than two subscribers can talk to each other. CT, MCID, CCBS, Line Hunting, CD, MSN, DDI, Sub Addressing, UUS, CUG, Clip, CLIR, CLIR Override, COLP, COLR. *Abbreviations are described in the "ABBREVIATIONS" section under the item. IP FEATURES: IP Hybrid digital telephone exchange shall support IPv4 and IPv6 protocols. VoIP Protocols: Ethernet interfaces will support the following VoIP protocols: H.323 or SIP (Session Initiation Protocol). VoIP Codecs: The following codecs shall be available for IP subscriber and external line applications. (G.711 (A and µ), G.722, G.723 (5.3 kbps), G.729, G 729A) Echo suppressor: For VoIP calls, echo suppressors will be available at G.168. IP Subscribers: H.323 gatekeeper and SIP registrar shall be available at IP exchange, SIP and H.323 IP subscriber shall be able to connect to the exchange even if there is no static IP address. It shall be possible that the phones (analog and IP), video phones and softphones are connected. IP users (IP telephony etc.) as much as the amount given in the exchange table shall be supported. These IP subscribers and external line licenses shall be delivered. IP external line: The IP exchange shall be able to be registered to H. 323 gatekeeper and SIP registrars. IP Subscriber and external line programming: IP subscribers as much as the amount given in the exchange table shall be supported and international line programming shall be done easily by using the same maintenance operation program over the internet. PC Console Applications: The digital and analogue subscribers to the IP exchange shall be able to use their phones integrated with a Windows- or a similar software-based computer. From these subscribers' computers, dialing, call answering, holding, diverting, conferencing, phone book calling, missed call monitoring, listening to voicemail shall be able to be done. Line Recording: The exchange shall support the voice recording feature. In case of request of the administration, the voice recordings of the pre-determined analogue internal or external lines shall be		

35.700.-Telephone Exchange Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	accomplished and voice alerting shall be made. Softphone Applications: Subscriptions shall be given from the exchange by way of a software installed on PCs. Programmable busy panel (the IP, analogue, digital subscribers of the exchange will show the status), speed dial keys, parking keys, transfer key shall be compatible with Windows (all versions) or similar operating systems. Subscriptions shall be given from the exchange by way of a software installed on smart phones. At least 5 softphones shall be provided together with the IP exchange. Internet Protocol: The exchange shall support central IPv4 (Internet Protocol Version 4) and IPv6 (Internet Protocol Version 6) at the same time. Session Initiation Protocol: The switchboard must fully support IP (Internet protocol) subscriber / outline applications and IP DECT (wireless Telephone System) applications running with the SIP (Session Initiation Protocol) network protocol. IP Applications: SIP- or H.323-protocol-based IP telephones, IP video phones, Software Based IP Phones, IP Dect Base and Handheld devices and Smart Mobile (GSM) Phone applications shall be able to be operated on the exchange. DISTRIBUTED ARCHITECTURE FEATURES: When combined, the products with the capacity specified by each item number must operate in a single exchange structure with distributed architecture and geographical redundancy. All software, licenses and hardware required for this feature must be provided within the system. Each system must be able to connect to each other via LAN or WLAN via Ethernet hardware, and must operate in a way that supports the features of a single exchange on the remote end modules without any channel limitations. This connection must not be a VoIP/Trunk connection. Each remote end (center or module) must be connected to each other simultaneously and a failure in any module shall not affect the other modules. Modules must establish secure connections to each other via up-to-date cryptographic connections. This feature shall be added to all products with IP subscription and expansion capability. Since the external line connection of the far-end modules will be provided from the central exchange only the number of analog, digital and IP internal line subscribers is specified in the far-end line modules. FEATURES FOR ADDITION OF IP SUBSCRIBERS: PBXs with expansion feature must be capable of adding additional IP trunks/subscribers without exceeding the expansion ratio. This extension can be enhanced with hardware and/or license from the same manufacturer. The added trunk must be SIP enabled, and in case of an IP subscriber, it must be capable of operating SIP or IP Phones with the features specified below. * ABBREVIATIONS: Call Hold (CH) - Call Hold: This is the feature that the subscriber can make another call by holding the subscriber he/she is talking to. Call Barring (CB) - Outgoing Call Restriction: This is the feature that the subscriber can turn off and on the device for all outgoing calls or for certain calls. Call Waiting (CW) - Call Waiting: This feature is to notify the subscriber of the incoming call with a warning tone when its line is busy. The subscriber either contacts the new caller by placing the existing call on hold or ends the other one by choosing one of the calls. Call Forward-B / U / NR- Call Forwarding: This is the feature of forwarding incoming calls to predetermined numbers. Call forwarding can be done in three different ways; Subscriber Busy - B: Calls are forwarded if the subscriber is busy. All Calls - U: All incoming calls are forwarded. No Response – NR: Incoming calls are forwarded only when there is no answer after a pre-set number of rings. Conference Call: A feature that allows more than two subscribers to communicate Terminal Portability (TP) - Terminal Portability: It is a feature that enables the subscriber's device to park and connect to another socket in connection with the same access or resume the communication at the time of communication (connection). Call Transfer (CT) - Call Transfer: A feature for transferring an incoming call to another subscriber. MCID - Capturing Malicious Calls: Centralized detection of disturbing calls. CCBS - Busy Redial: This is the feature of automatic redialing when the called number is busy. Line Hunting - Line Hunting: This feature is used to distribute incoming calls according to a predetermined order. Call Deflection (CD) -: This feature is to divert the call to another terminal device before the call is established (before the called subscriber picks up the phone). MSN-Multiple Subscriber Number: It is the feature of having a separate number for each device to be connected to ISDN line (up to 8 terminals) or using more than one number for a single terminal device. (It is used in ISDN BA Subscription.) DDI-Direct Search: It is the feature that callers can reach the internal subscriber by dialing prefix + subscriber's extension number directly. (Used in ISDN PA Subscription.) Sub Addressing - Sub addressing: It is the feature that the subscribers can define a logical address for their terminal devices. More than one address shall be assigned to the devices connected to the line after the phone number for a single ISDN number. User-to-User Signaling (UUS): This is the feature of performing short messaging or scale data transmission using D signaling channel. AOC- Fee Determination: It is a feature of the fees or units related to the call to be displayed during the call setup, the call or at the end of the call. CUG-Closed User Group: It is a special virtual network communication feature for one or more group of users. CLIP- Caller ID: It is a feature of seeing the number of the caller. This is a feature that the subscriber will get. CLIR- Caller ID Restriction: It is possible to prevent caller number from being seen on the opposite side. CLIR Override: This feature is the suppression of the CLIR feature of the caller. COLP- Connected Line ID: It is the feature that the number of the connected terminal can be seen. It can be used especially if the confirmation that the sent information has gone to the right place, such as to a device (fax etc.), can not be received. COLR- Connected Line ID Restriction: It is the feature of preventing the number of the called subscriber from going to the calling party.		

35.700.-Telephone Exchange Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.701.1100	Hybrid (Analog-Digital or Analog-Digital-IP) Telephone Exchange Capacities Analogue External Line / Analog Internal Line / Digital Internal Line / Numerical External Line (PRI) / IP External Line / IP Internal Line / Explanation		
35.701.1102	4 / 6 / 2 / _ / _ / _	45.904,39	8.675,00
35.701.1104	4 / 14 / 2 / _ / _ / _	67.351,39	13.696,88
35.701.1106	4 / 22 / 2 / _ / _ / _	74.363,86	13.696,88
35.701.1108	8 / 32 / 4 / _ / _ / _	109.849,36	15.218,75
35.701.1110	12 / 48 / 6 / _ / _ / _	152.831,56	18.262,50
35.701.1112	16 / 64 / 6 / _ / _ / _	181.114,56	19.784,38
35.701.1114	16 / 80 / 6 / _ / _ / _	250.955,06	21.306,25
35.701.1116	20 / 112 / 8 / _ / _ / _	364.698,21	22.828,13
35.701.1118	20 / 128 / 8 / _ / _ / _	390.822,03	24.350,00
35.701.1120	24 / 160 / 8 / _ / _ / _	443.421,11	27.393,75
35.701.1122	16 / 112 / 8 / 1 / _ / _	396.319,36	30.437,50
35.701.1124	20 / 128 / 8 / 1 / _ / _	434.083,61	31.959,38
35.701.1126	24 / 160 / 8 / 1 / _ / _	482.387,08	33.481,25
35.701.1128	32 / 192 / 8 / _ / _ / _ / With minimum 2 processors and 50% expansion capacity.	601.398,01	54.900,00
35.701.1130	16 / 224 / 15 / 1 / _ / _ / With minimum 2 processors and 50% expansion capacity.	667.046,01	64.068,75
35.701.1132	24 / 288 / 15 / _ / _ / _ / With at least 2 processors and 50% expandable.	761.740,00	74.987,50
35.701.1134	16 / 288 / 15 / 1 / _ / _ / With minimum 2 processors and 50% expansion capacity.	785.654,19	78.259,38
35.701.1136	48 / 352 / 15 / _ / _ / _ / With minimum 2 processors and 50% expansion capacity.	873.242,59	85.678,13
35.701.1138	24 / 352 / 15 / 1 / _ / _ / With at least 2 processors and 50% expandable.	898.645,35	88.075,00
35.701.1140	16 / 448 / 15 / 2 / _ / _ / With at least 2 processors and 50% expandable.	1.036.193,25	92.221,88
35.701.1142	24 / 464 / 15 / 1 / _ / _ / With at least 2 processors and 50% expandable.	1.034.688,03	100.743,75
35.701.1144	16 / 544 / 30 / 2 / _ / _ / With at least 2 processors and 50% expandable.	1.329.455,53	109.912,50
35.701.1146	24 / 640 / 30 / 2 / _ / _ / With at least 2 processors and 50% expandable.	1.363.350,41	118.434,38
35.701.1148	80 / 704 / 30 / _ / _ / _ / With minimum 2 processors and 50% expansion capacity.	1.632.261,78	127.603,13
35.701.1150	24 / 736 / 30 / 2 / _ / _ / With at least 2 processors and 50% expandable.	1.555.382,30	130.875,00
35.701.1152	32 / 816 / 40 / 2 / _ / _ / With minimum 2 processors and 50% expansion capacity.	1.801.690,96	137.418,75
35.701.1154	32 / 912 / 40 / 2 / _ / _ / With minimum 2 processors and 50% expansion capacity.	1.836.514,05	154.462,50
35.701.1156	40 / 1.104 / 50 / 2 / _ / _ / With minimum 2 processors and 50% expansion capacity.	2.266.703,94	171.506,25
35.701.1158	32 / 1.376 / 60 / 2 / _ / _ / With minimum 2 processors and 50% expansion capacity.	2.662.184,01	188.550,00
35.701.1160	56 / 1.680 / 80 / 2 / _ / _ / With minimum 2 processors and 50% expansion capacity.	3.012.289,39	205.593,75
35.701.1162	56 / 1.760 / 80 / 2 / _ / _ / With minimum 2 processors and 50% expansion capacity.	3.112.129,25	222.637,50
35.701.1164	72 / 2,192 / 112 / 2 / _ / _ / With minimum 2 processors and 50% expansion capacity.	3.825.979,83	239.681,25

35.700.-Telephone Exchange Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.701.1166	96 / 2.496 / 128 / 2 / _ / _ / With minimum 2 processors and 50% expansion capacity.	4.128.988,45	256.725,00
35.701.1168	108 / 3.504 / 176 / _ / _ / With minimum 2 processors and 50% expansion capacity.	5.965.651,30	289.518,75
35.701.1170	128 / 3.904 / 214 / 6 / _ / _ / With minimum 2 processors and 50% expansion capacity.	6.831.106,50	340.650,00
35.701.1172	176 / 4.992 / 256 / 8 / _ / _ / With minimum 2 processors and 50% expansion capacity.	8.590.132,94	424.575,00
35.701.1200	4 / 14 / 2 / _ / 2 / 10	51.187,14	8.675,00
35.701.1201	4 / 22 / 2 / _ / 4 / 20	63.009,31	9.759,38
35.701.1202	4 / 22 / 2 / _ / 8 / 40	73.001,70	9.759,38
35.701.1203	4 / 22 / 2 / _ / 10 / 50	79.584,75	10.843,75
35.701.1204	4 / 22 / 2 / _ / 16 / 80	135.685,10	13.012,50
35.701.1205	4 / 22 / 2 / _ / 20 / 100	145.756,89	14.096,88
35.701.1206	4 / 22 / 2 / _ / 24 / 120	152.109,51	14.096,88
35.701.1208	4 / 22 / 2 / _ / 24 / 150	162.618,75	14.096,88
35.701.1209	4 / 22 / 2 / _ / 36 / 180	184.161,66	15.181,25
35.701.1210	4 / 22 / 2 / _ / 36 / 200	193.544,31	16.265,63
35.701.1211	4 / 22 / 2 / _ / 40 / 220	202.416,86	16.265,63
35.701.1212	8 / 32 / 4 / _ / 6 / 30	124.397,44	13.012,50
35.701.1213	8 / 32 / 4 / _ / 10 / 50	152.659,39	14.096,88
35.701.1214	8 / 32 / 4 / _ / 16 / 80	161.043,80	14.096,88
35.701.1215	8 / 32 / 4 / _ / 20 / 100	171.994,21	15.181,25
35.701.1216	8 / 32 / 4 / _ / 24 / 120	181.857,39	15.181,25
35.701.1217	8 / 32 / 4 / _ / 30 / 150	195.676,31	16.265,63
35.701.1218	8 / 32 / 4 / _ / 36 / 180	206.242,98	16.265,63
35.701.1219	8 / 32 / 4 / _ / 40 / 200	222.516,93	17.350,00
35.701.1220	12 / 48 / 4 / _ / 6 / 50	143.284,20	13.012,50
35.701.1221	12 / 48 / 4 / _ / 16 / 80	177.999,99	15.181,25
35.701.1222	12 / 48 / 4 / _ / 20 / 100	187.858,56	15.181,25
35.701.1223	12 / 48 / 4 / _ / 24 / 120	198.806,11	16.265,63
35.701.1224	12 / 48 / 4 / _ / 30 / 150	215.036,99	17.350,00
35.701.1225	12 / 48 / 4 / _ / 36 / 180	226.666,06	17.350,00
35.701.1226	16 / 64 / 8 / _ / 6 / 50	192.588,73	16.265,63
35.701.1227	16 / 64 / 8 / _ / 10 / 80	224.870,59	17.350,00
35.701.1228	16 / 64 / 8 / _ / 10 / 100	229.314,90	17.350,00
35.701.1229	16 / 64 / 8 / _ / 12 / 120	236.306,70	17.350,00
35.701.1230	16 / 64 / 8 / _ / 15 / 150	246.148,78	18.434,38
35.701.1231	16 / 80 / 8 / _ / 10 / 80	247.461,56	18.434,38
35.701.1232	20 / 112 / 8 / _ / 10 / 100	321.666,76	21.687,50
35.701.1233	20 / 128 / 8 / _ / 10 / 120	348.378,16	22.771,88
35.701.1234	16 / 80 / 8 / 1 / 10 / 80	276.219,10	19.518,75
35.701.1235	16 / 112 / 8 / 1 / 10 / 100	346.257,54	22.771,88
35.701.1236	20 / 128 / 8 / 1 / 10 / 120	375.357,63	23.856,25
35.701.1237	32 / 192 / 8 / _ / 10 / 200 / With minimum 2 processors and 50% expansion capacity.	677.686,60	59.275,00
35.701.1238	16 / 224 / 15 / 1 / 14 / 220 / With minimum 2 processors and 50% expansion capacity.	698.452,74	69.318,75
35.701.1239	24 / 288 / 15 / _ / 14 / 280 / With at least 2 processors and 50% expandable.	780.185,24	81.112,50
35.701.1240	16 / 288 / 15 / 1 / 18 / 280 / With minimum 2 processors and 50% expansion capacity.	822.949,78	84.384,38
35.701.1241	48 / 352 / 15 / _ / 22 / 350 / With at least 2 processors and 50% expandable.	1.157.537,54	92.678,13
35.701.1242	24 / 352 / 15 / 1 / 22 / 350 / With minimum 2 processors and 50% expansion capacity.	1.140.698,53	95.075,00
35.701.1243	24 / 464 / 15 / 1 / 26 / 460 / With minimum 2 processors and 50% expansion capacity.	1.356.779,16	109.493,75

35.700.-Telephone Exchange Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.701.1244	64 / 512 / 15 / _ / 30 / 500 / With minimum 2 processors and 50% expansion capacity.	1.485.239,41	117.140,63
35.701.1245	16 / 544 / 30 / 2 / 30 / 540 / With minimum 2 processors and 50% expansion capacity.	1.526.286,00	119.537,50
35.701.1246	24 / 640 / 30 / 2 / 38 / 640 / With minimum 2 processors and 50% expansion capacity.	1.749.854,78	128.934,38
35.701.1247	80 / 704 / 30 / _ / 42 / 700 / With minimum 2 processors and 50% expansion capacity.	1.927.807,63	138.978,13
35.701.1248	96 / 784 / 30 / _ / 46 / 780 / With minimum 2 processors and 50% expansion capacity.	2.090.190,09	147.271,88
35.701.1249	32 / 816 / 30 / 2 / 46 / 800 / With minimum 2 processors and 50% expansion capacity.	2.094.340,60	149.668,75
35.701.1250	32 / 912 / 30 / 3 / 50 / 900 / With minimum 2 processors and 50% expansion capacity.	2.361.834,08	168.462,50
35.701.1251	120 / 1.056 / 30 / _ / 54 / 1000 / With minimum 2 processors and 50% expansion capacity.	2.578.775,39	182.234,38
35.701.1252	40 / 1.104 / 30 / 3 / 54 / 1100 / With minimum 2 processors and 50% expansion capacity.	2.672.353,90	187.256,25
35.701.1253	32 / 1.376 / 30 / 4 / 58 / 1350 / With at least 2 processors and 50% expandable.	3.132.139,39	206.050,00
35.701.1254	56 / 1.680 / 30 / 4 / 62 / 1680 / With minimum 2 processors and 50% expansion capacity.	3.633.651,25	224.843,75
35.701.1255	200 / 1,760 / 30 / _ / 70 / 1,760 / With minimum 2 processors and 50% expansion capacity.	4.169.558,54	243.637,50
35.701.1256	256 / 2.192 / 30 / _ / 90 / 2,000 / With minimum 2 processors and 50% expansion capacity.	4.743.045,18	262.431,25
35.701.1257	96 / 2.496 / 45 / 6 / 100 / 2500 / With minimum 2 processors and 50% expansion capacity.	5.124.138,54	281.225,00
35.701.1258	304 / 2.800 / 45 / _ / 120 / 2800 / With minimum 2 processors and 50% expansion capacity.	6.257.707,63	300.018,75
35.701.1259	112 / 3.104 / 45 / 7 / 150 / 3100 / With minimum 2 processors and 50% expansion capacity.	6.772.759,58	318.812,50
35.701.1260	128 / 3.904 / 45 / 9 / 250 / 3900 / With minimum 2 processors and 50% expansion capacity.	8.544.534,06	373.900,00
35.701.1261	176 / 4,992 / 45 / 11 / 350 / 5000 / With minimum 2 processors and 50% expansion capacity.	10.764.313,84	466.575,00
35.701.1300	12 / 24 / 8 / _ / 25 / 300 / With minimum 2 processors and 50% expansion capacity.	671.868,61	42.762,50
35.701.1303	12 / 24 / 8 / _ / 25 / 350 / With minimum 2 processors and 50% expansion capacity.	680.262,50	42.762,50
35.701.1306	12 / 24 / 8 / _ / 25 / 400 / With minimum 2 processors and 50% expansion capacity.	686.269,66	42.762,50
35.701.1309	12 / 24 / 8 / _ / 50 / 500 / With minimum 2 processors and 50% expansion capacity.	971.580,40	58.009,38
35.701.1312	12 / 24 / 15 / _ / 60 / 600 / With minimum 2 processors and 50% expansion capacity.	1.044.840,84	61.925,00
35.701.1315	12 / 24 / 15 / _ / 60 / 700 / With minimum 2 processors and 50% expansion capacity.	1.102.016,83	64.965,63
35.701.1318	12 / 24 / 15 / _ / 60 / 800 / With minimum 2 processors and 50% expansion capacity.	1.116.586,08	65.840,63
35.701.1321	12 / 24 / 15 / _ / 80 / 1000 / With minimum 2 processors and 50% expansion capacity.	1.201.576,41	70.631,25
35.701.1324	12 / 24 / 15 / _ / 80 / 1200 / With minimum 2 processors and 50% expansion capacity.	1.273.521,54	74.546,88
35.701.1327	12 / 24 / 15 / _ / 80 / 1500 / With minimum 2 processors and 50% expansion capacity.	1.324.429,81	77.171,88
35.701.1330	12 / 24 / 15 / _ / 90 / 1800 / With minimum 2 processors and 50% expansion capacity.	1.409.607,89	81.962,50
35.701.1333	12 / 24 / 30 / _ / 100 / 2000 / With minimum 2 processors and 50% expansion capacity.	1.484.170,39	85.878,13
35.701.1336	12 / 24 / 30 / _ / 120 / 2250 / With minimum 2 processors and 50% expansion capacity.	1.573.556,14	90.668,75
35.701.1339	12 / 24 / 30 / _ / 120 / 2500 / With minimum 2 processors and 50% expansion capacity.	1.908.129,30	108.540,63
35.701.1342	12 / 24 / 30 / _ / 150 / 2750 / With minimum 2 processors and 50% expansion capacity.	2.067.114,48	117.246,88
35.701.1345	12 / 24 / 30 / _ / 200 / 3000 / With minimum 2 processors and 50% expansion capacity.	2.260.433,14	127.703,13
35.701.1348	12 / 24 / 30 / _ / 250 / 3500 / With minimum 2 processors and 50% expansion capacity.	2.465.365,41	138.159,38
35.701.1351	12 / 24 / 30 / _ / 270 / 4000 / With minimum 2 processors and 50% expansion capacity.	2.638.367,65	147.740,63
35.701.1354	12 / 24 / 30 / _ / 300 / 4500 / With minimum 2 processors and 50% expansion capacity.	2.850.438,94	159.071,88
35.701.1357	12 / 24 / 30 / _ / 350 / 5000 / With minimum 2 processors and 50% expansion capacity.	3.183.901,96	180.787,50
35.701.1600	0/32/8/0/0/32 Far-end module	73.416,46	8.675,00
35.701.1605	0/64/8/0/0/64 Far-end module	125.271,43	14.571,88
35.701.1610	0/112/8/0/0/112 Far-end module	218.333,50	23.968,75
35.701.1615	0/240/8/0/0/224 Far-end module	410.184,35	35.306,25
35.701.1620	0/480/8/0/0/448 Far-end module	787.174,44	62.850,00
35.701.1700	20 IP Trunk, 100 IP subscribers added	155.573,98	
35.701.1705	40 IP Trunk, 200 IP subscribers added	236.446,25	
35.701.1710	50 IP Trunk, 450 IP subscribers added	311.661,91	
35.701.1715	100 IP Trunk, 900 IP subscribers added	660.634,48	

35.700.-Telephone Exchange Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.701.1720	150 IP Trunk, 1850 IP subscribers added	1.002.141,46	
35.701.1725	200 IP Trunk, 3850 IP subscribers added	1.585.935,06	
35.701.1910	ISDN PRA CONNECTION (Unit Qty.): It is an external line connection with 2 Mbit/s (30B+D) capacity supporting the characteristics at ITU-T standards associated with the standards and services specified in item 35.701.1000. Caller ID (CLIP) ETS 300 092 Caller ID Restriction (CLIR) ETS 300 093 Connected Line ID (COLP) ETS 300 097 Connected Line ID Restriction (COLR) ETS 300 098 Direct Call (DDI) ETS 300 064 Fee setting (AOC-D and E) ETS 300 182	11.810,33	1.190,63
35.701.3100	Telephone Sets (Unit Ad.):		
35.701.3110	Type 1 digital telephone set (Unit: Qty.): Telephone sets shall be connected with standard 2 (two) wire and will receive energy from the power plant. The sets must have 12 programmable keys, missed calls list and name dialing feature, hands-free calling feature, LCD screen with at least 80 °Characters, caller ID and name ID features, date and time information on the screen, mute button (the key keeping the sound from going to the opposite side). The sets (at least 2B+D) shall support ISDN features	9.329,21	
35.701.3120	Type 2 digital telephone set (Unit: Qty.): Telephone sets shall be connected with standard 2 (two) wire and will receive energy from the power plant. The sets must have 5 programmable keys, hands-free calling feature, LCD screen with at least 40 °Characters, caller ID and name ID features, date and time information on the screen, mute button (the key keeping the sound from going to the opposite side). The sets (at least 2B+D) shall support ISDN features Optional features for the sets - There must be a redial button. -The sets must be capable to keep 30 °Calls in memory. (10 missed calls, 10 incoming calls, 10 °Calls made) - Ringtone and volume settings must be done on the sets. Sets must keep 100 names and numbers in the address book.	7.531,29	
35.701.3130	Type 1 IP telephone set (Entry level user) (Unit: Qty.): IP phones shall be able to be connected to IP exchange. IP Phones must be compatible with the exchange for full compatibility and communication security. These IP phones must have at least two Ethernet ports (10/100), min. 2.3" (128x48) backlit LCD screen, POE, HD audio, and headset support.	2.396,49	
35.701.3140	Type 2 IP telephone set: (Entry level user Gigabit) (Unit: Qty.): IP phones shall be able to be connected to IP exchange. IP Phones must be compatible with the exchange for full compatibility and communication security. These IP phones must have at least two Ethernet ports (10/100/1000), min. 2.3" (128x48) backlit LCD screen, POE, HD audio, and headset support.	3.451,18	
35.701.3150	Type 3 IP telephone set: (Intermediate Controller Gigabit) (Unit: Qty.): IP phones shall be able to be connected to IP exchange. IP Phones must be compatible with the exchange for full compatibility and communication security. These IP phones must have at least two Ethernet ports (10/100/1000), 2.8" LCD color screen, 7 DSS keys, POE, HD audio, and headset support.	5.229,76	
35.701.3160	Type 4 IP telephone set: (Controller and Telephone System Gigabit) (Unit: Qty.): IP phones shall be able to be connected to IP exchange. IP Phones must be compatible with the exchange for full compatibility and communication security. These IP phones must have at least two Ethernet ports (10/100/1000), 4.3" LCD color screen, 10 DSS keys, capacity for additional DSS expansion modules, POE, HD audio, and headset support.	7.875,30	
35.701.3170	Type 4.1 IP telephone DSS Expansion Module: (Controller and Telephone System DSS) (Unit: Qty.): LCD color display in addition to the features of the Type 4 IP telephone set, 3x 20 DSS keys	5.301,00	
35.701.3200	IP Dect Base Station (Unit: Qty.): POE support, 10 channel conversation, SIP connection, Handover, Roaming support, sRTP/TLS encryption, 500 base 200 handset expansion	22.645,16	4.146,88
35.701.3210	IP Dect Handheld Device (Type-1) (Unit: Qty.): IP Handheld device must be compatible with the exchange for full compatibility and communication security. 1.44" LCD screen, IP20 protection class, HD speaker, Ldap, headphone support, 50 Personal Guides, 1880-1900 Mhz Europe, and messaging.	4.483,76	
35.701.3220	IP Dect Handheld Device (Type-2) (Unit: Qty.): IP Handheld device must be compatible with the exchange for full compatibility and communication security. 2" LCD screen, Vibration, Bluetooth, IP50 protection class, MIL-STD-810g 516.6 impact resistance, HD speaker, Ldap, headset support, 250 Personal	8.978,56	

35.700.-Telephone Exchange Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	Guides, 1880-1900 Mhz Europe, and messaging.		
35.701.3300	Robot operator (Unit: Qty): IVR (Interactive Voice Response) 8-channel greeting and 8-channel message leaving license or hardware	24.848,44	



REPUBLIC OF TÜRKİYE
MINISTRY OF ENVIRONMENT, URBANIZATION,
AND CLIMATE CHANGE

Higher Technical Board

1934

ELEVATOR INSTALLATION
UNIT PRICES AND SPECIFICATIONS

2025

35.710.-Lift Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.710.1000	NORMAL ELEVATOR INSTALLATION (in compliance with TS EN 81-20 and TS EN 81-50) Compliance with the standards TS EN 81-20 and TS EN 81-50 for General and Safety Rules, TS EN 12016 for electromagnetic compatibility, and TS ISO 8100-30 and TS ISO 8238 4190-2 for placement and dimensions shall be sought. With door leaves made of 1.25-mm-thick DKP sheet metal; delivery in working order of the elevator installation; fully automatic floor doors (with two telescopic leaves, opening from the center to the sides) zinc phosphatized by spraying method in surface cleaning baths, then painted in a color requested by the administration by electrostatic method and oven-dried, and certified for compliance with CE standards; door mechanisms with the same specifications and with drive engines, which shall be installed on the carriage and driven with a mechanism (chain, belt, lever, etc.) to operate in synchronization with the floor doors; locking mechanisms, pulleys, roller guides, rails, belts, chains, levers and electronic cards CE certified; fully automatic carriage door (two-leaf, telescopic, opening from the center to the sides); emergency uninterruptible power supply with Ni-Cd or dry battery which shall move the carriage to the nearest floor and open the doors in case of power outage; light curtain equal to the inner height of the door, which contains multiple beams (at least 94 beams) to protect the occupants or loads entering the carriage (full-height photocell); frequency inverter that adjusts the speed of the motor to prevent the impacts while the elevator starts to move or stops and to adjust the position of the carriage precisely; a tacho generator or encoder that constantly measures the motor speed; a filter that eliminates the disturbances in the system; variable voltage/variable frequency (vvvf) drive system that is made up of a regulated feedback and resistance unit; cumulative control feature, including material and labor (except the group controller equipment). NOTE: The elevator installation shall be manufactured in compliance with the Directive 2014/33/EU for Elevators and Safety Components for Elevators, and released with the CE marking. The fully automatic floor doors shall fulfill the specifications provided in the standard TS EN 81-58 and fire-resistant as per the Fire Protection Directive. The fire-resistant doors shall be certified to resist fire for at least 60 minutes by an accredited organization. The carriage interior, and fully automatic carriage and floor doors shall be paneled with (0.80 mm thick) satin stainless steel sheet.		
35.710.1100	Class I elevators (The elevators designed for carrying passengers). Variable-speed, Rated capacity: 630 kg, Unit: Qty. Capacity (rated capacity): 630 kg, Pit (cross section) size: 2,000 x 2,100 mm (width x depth), Carriage cross-sectional size: 1,100 x 1,400 mm (width x depth), Where the dimensions specified in TS ISO 8100-30 cannot be fulfilled, the area of the carriage shall be 1.45 - 1.66 m ² as per TS EN 81-20. Entrance width: 900 mm, Entrance height: As per TS EN 81-20, min. 2.000 mm Note: The carriage interior shall be modified for use by the handicapped. The article 34 of the Planned Areas Type Zoning Regulation shall be taken into consideration for door width and carriage area.		
35.710.1101	2 Stops 1.00 m/s speed	858.987,20	51.427,20
35.710.1102	3 Stops 1.00 m/s speed	909.915,50	68.971,50
35.710.1103	4 Stops 1.00 m/s speed	958.113,80	86.515,80
35.710.1104	5 Stops 1.00 m/s speed	1.010.082,10	104.060,10
35.710.1105	6 Stops 1.00 m/s speed	1.062.414,40	121.604,40
35.710.1106	7 Stops 1.00 m/s speed	1.115.617,70	139.148,70
35.710.1107	8 Stops 1.00 m/s speed	1.168.613,00	156.693,00
35.710.1108	9 Stops 1.00 m/s speed	1.230.877,30	174.237,30
35.710.1109	10 Stops 1.00 m/s speed	1.285.471,60	191.781,60
35.710.1110	11 Stops 1.60 m/s speed	1.371.785,90	209.325,90
35.710.1111	12 Stops 1.60 m/s speed	1.429.370,20	226.870,20
35.710.1112	13 Stops 1.60 m/s speed	1.491.504,50	244.414,50
35.710.1113	14 Stops 1.60 m/s speed	1.565.858,80	261.958,80
35.710.1114	15 Stops 1.60 m/s speed	1.663.223,10	279.503,10
35.710.1150	Class I elevators (The elevators designed for carrying passengers). Class II elevators (The elevators designed principally to carry passengers, and to carry other objects when necessary). Variable-speed, Rated capacity: 800 kg, Unit: Qty.		

35.710.-Lift Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	Capacity (rated capacity): 800 kg, Pit (cross section) size: 2,000 x 2,200 mm (width x depth), Carriage cross-sectional size: 1,350 x 1,400 mm (width x depth) or 1,200 x 1,500 mm (width x depth), Where the dimensions specified in TS ISO 8100-30 cannot be fulfilled, the area of the carriage shall be 1.87 - 2.00 m ² as per TS EN 81-20. Entrance width: 900 mm, Entrance height: As per TS EN 81-20, min. 2.000 mm Note: The carriage interior shall be modified for use by the handicapped. The article 34 of the Planned Areas Type Zoning Regulation shall be taken into consideration for door width and carriage area.		
35.710.1151	2 Stops 1.00 m/s speed	906.464,20	53.677,20
35.710.1152	3 Stops 1.00 m/s speed	962.302,50	71.971,50
35.710.1153	4 Stops 1.00 m/s speed	1.009.482,80	90.265,80
35.710.1154	5 Stops 1.00 m/s speed	1.061.746,10	108.560,10
35.710.1155	6 Stops 1.00 m/s speed	1.116.349,40	126.854,40
35.710.1156	7 Stops 1.00 m/s speed	1.173.812,70	145.148,70
35.710.1157	8 Stops 1.00 m/s speed	1.221.513,00	163.443,00
35.710.1158	9 Stops 1.00 m/s speed	1.291.807,30	181.737,30
35.710.1159	10 Stops 1.00 m/s speed	1.367.691,60	200.031,60
35.710.1160	11 Stops 1.60 m/s speed	1.431.615,90	218.325,90
35.710.1161	12 Stops 1.60 m/s speed	1.497.490,20	236.620,20
35.710.1162	13 Stops 1.60 m/s speed	1.554.264,50	254.914,50
35.710.1163	14 Stops 1.60 m/s speed	1.632.488,80	273.208,80
35.710.1164	15 Stops 1.60 m/s speed	1.731.123,10	291.503,10
35.710.1200	Class I elevators (The elevators designed for carrying passengers). Class II elevators (The elevators designed principally to carry passengers, and to carry other objects when necessary). Variable-speed, Capacity: 1000 kg, Unit: Qty. Capacity (rated capacity): 1000 kg, Pit (cross section) size: 2,200 x 2,200 mm (width x depth), Carriage cross-sectional size: 1,600 x 1,400 mm (width x depth), Where the dimensions specified in TS ISO 8100-30 cannot be fulfilled, the area of the carriage shall be 2.15 - 2.40 m ² as per TS EN 81-20. Entrance width: 900 mm, Entrance height: As per TS EN 81-20, min. 2.000 mm Note: The carriage interior shall be modified for use by the handicapped.		
35.710.1201	2 Stops 1.00 m/s speed	985.544,20	55.927,20
35.710.1202	3 Stops 1.00 m/s speed	1.041.612,50	74.971,50
35.710.1203	4 Stops 1.00 m/s speed	1.092.311,80	94.015,80
35.710.1204	5 Stops 1.00 m/s speed	1.150.499,10	113.060,10
35.710.1205	6 Stops 1.00 m/s speed	1.205.709,40	132.104,40
35.710.1206	7 Stops 1.00 m/s speed	1.258.020,70	151.148,70
35.710.1207	8 Stops 1.00 m/s speed	1.313.283,00	170.193,00
35.710.1208	9 Stops 1.00 m/s speed	1.387.057,30	189.237,30
35.710.1209	10 Stops 1.00 m/s speed	1.461.741,60	208.281,60
35.710.1210	11 Stops 1.60 m/s speed	1.559.305,90	227.325,90
35.710.1211	12 Stops 1.60 m/s speed	1.621.900,20	246.370,20
35.710.1212	13 Stops 1.60 m/s speed	1.678.384,50	265.414,50
35.710.1213	14 Stops 1.60 m/s speed	1.754.628,80	284.458,80
35.710.1214	15 Stops 1.60 m/s speed	1.863.503,10	303.503,10
35.710.1250	Class I elevators (The elevators designed for carrying passengers). Class II elevators (The elevators designed principally to carry passengers, and to carry other objects when necessary). Variable-speed, Capacity: 1275 kg, Unit: Qty. Capacity (rated capacity): 1,275 kg, Pit (cross section) size: 2,500 x 2,200 mm (width x depth), Carriage cross-sectional size: 2,000 x 1,400 mm (width x depth), Where the dimensions specified in TS ISO 8100-30 cannot be fulfilled, the area of the carriage shall be 2.71 - 2.95 m ² as per TS EN 81-20. Entrance width: 1,100 mm, Entrance height: 2,100 mm.		

35.710.-Lift Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	Note: The carriage interior shall be modified for use by the handicapped.		
35.710.1251	2 Stops 1.00 m/s speed	1.107.553,80	68.515,80
35.710.1252	3 Stops 1.00 m/s speed	1.172.076,75	91.269,75
35.710.1253	4 Stops 1.00 m/s speed	1.229.384,70	114.023,70
35.710.1254	5 Stops 1.00 m/s speed	1.292.139,65	136.777,65
35.710.1255	6 Stops 1.00 m/s speed	1.351.410,60	159.531,60
35.710.1256	7 Stops 1.00 m/s speed	1.410.915,55	182.285,55
35.710.1257	8 Stops 1.00 m/s speed	1.474.749,50	205.039,50
35.710.1258	9 Stops 1.00 m/s speed	1.555.223,45	227.793,45
35.710.1259	10 Stops 1.00 m/s speed	1.638.297,40	250.547,40
35.710.1260	11 Stops 1.60 m/s speed	1.741.131,35	273.301,35
35.710.1261	12 Stops 1.60 m/s speed	1.807.175,30	296.055,30
35.710.1262	13 Stops 1.60 m/s speed	1.879.459,25	318.809,25
35.710.1263	14 Stops 1.60 m/s speed	1.974.363,20	341.563,20
35.710.1264	15 Stops 1.60 m/s speed	2.057.047,15	364.317,15
35.710.1500	Class I elevators (The elevators designed for carrying passengers). Class II elevators (The elevators designed principally to carry passengers, and to carry other objects when necessary). Variable-speed, Capacity: 1600 kg, Unit: Qty. Capacity (rated capacity): 1,600 kg, Pit (cross section) size: 2,700 x 2,500 mm (width x depth), Carriage cross-sectional size: 2,100 x 1,600 mm (width x depth), Where the dimensions specified in TS ISO 8100-30 cannot be fulfilled, the area of the carriage shall be 3.245 - 3.56 m ² as per TS EN 81-20. Entrance width: 1,100 mm, Entrance height: 2,100 mm. Note: The carriage interior shall be modified for use by the handicapped.		
35.710.1501	2 Stops 1.00 m/s speed	1.213.595,80	70.765,80
35.710.1502	3 Stops 1.00 m/s speed	1.277.295,75	94.269,75
35.710.1503	4 Stops 1.00 m/s speed	1.345.818,70	117.773,70
35.710.1504	5 Stops 1.00 m/s speed	1.408.192,65	141.277,65
35.710.1505	6 Stops 1.00 m/s speed	1.473.881,60	164.781,60
35.710.1506	7 Stops 1.00 m/s speed	1.536.645,55	188.285,55
35.710.1507	8 Stops 1.00 m/s speed	1.599.669,50	211.789,50
35.710.1508	9 Stops 1.00 m/s speed	1.678.163,45	235.293,45
35.710.1509	10 Stops 1.00 m/s speed	1.762.637,40	258.797,40
35.710.1510	11 Stops 1.60 m/s speed	1.880.261,35	282.301,35
35.710.1511	12 Stops 1.60 m/s speed	1.945.625,30	305.805,30
35.710.1512	13 Stops 1.60 m/s speed	2.020.999,25	329.309,25
35.710.1513	14 Stops 1.60 m/s speed	2.105.603,20	352.813,20
35.710.1514	15 Stops 1.60 m/s speed	2.201.387,15	376.317,15
35.710.1550	Class III elevators (The elevators designed principally to carry patients and stretchers in healthcare facilities, and to carry non-patient passengers when necessary.) Variable-speed, Capacity: 1,600 kg, Unit: Qty. Capacity (rated capacity): 1,600 kg, Pit (cross section) size: 2,400 x 3,000 mm (width x depth), Carriage cross-sectional size: 1,400 x 2,400 mm (width x depth), Where the dimensions specified in TS ISO 8100-30 cannot be fulfilled, the area of the carriage shall be 3.245 - 3.56 m ² as per TS EN 81-20. Entrance width: 1,300 mm, Entrance height: 2,100 mm. Note: The carriage interior shall be modified for use by the handicapped.		
35.710.1551	2 Stops 1.00 m/s speed	1.250.515,80	70.765,80
35.710.1552	3 Stops 1.00 m/s speed	1.319.116,75	94.269,75
35.710.1553	4 Stops 1.00 m/s speed	1.387.028,70	117.773,70
35.710.1554	5 Stops 1.00 m/s speed	1.457.228,65	141.277,65
35.710.1555	6 Stops 1.00 m/s speed	1.519.381,60	164.781,60

35.710.-Lift Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.710.1556	7 Stops 1.00 m/s speed	1.581.885,55	188.285,55
35.710.1557	8 Stops 1.00 m/s speed	1.655.439,50	211.789,50
35.710.1558	9 Stops 1.00 m/s speed	1.747.583,45	235.293,45
35.710.1559	10 Stops 1.00 m/s speed	1.825.947,40	258.797,40
35.710.1560	11 Stops 1.60 m/s speed	1.939.541,35	282.301,35
35.710.1561	12 Stops 1.60 m/s speed	2.000.875,30	305.805,30
35.710.1562	13 Stops 1.60 m/s speed	2.089.249,25	329.309,25
35.710.1563	14 Stops 1.60 m/s speed	2.183.863,20	352.813,20
35.710.1564	15 Stops 1.60 m/s speed	2.263.267,15	376.317,15
35.710.1600	Class III elevators (The elevators designed principally to carry patients and stretchers in healthcare facilities, and to carry non-patient passengers when necessary.) Variable-speed, Capacity: 2,000 kg, Unit: Qty. Capacity (rated capacity): 2,000 kg, Pit (cross section) size: 2,400 x 3,300 mm (width x depth), Carriage cross-sectional size: 1,500 x 2,700 mm (width x depth), Where the dimensions specified in TS ISO 8100-30 cannot be fulfilled, the area of the carriage shall be 3.935 - 4.2 m ² as per TS EN 81-20. Entrance width: 1,300 mm, Entrance height: 2,100 mm. Note: The carriage interior shall be modified for use by the handicapped.		
35.710.1601	2 Stops 1.00 m/s speed	1.612.506,40	85.604,40
35.710.1602	3 Stops 1.00 m/s speed	1.695.070,00	113.568,00
35.710.1603	4 Stops 1.00 m/s speed	1.778.439,60	141.531,60
35.710.1604	5 Stops 1.00 m/s speed	1.871.975,20	169.495,20
35.710.1605	6 Stops 1.00 m/s speed	1.966.888,80	197.458,80
35.710.1606	7 Stops 1.00 m/s speed	2.085.462,40	225.422,40
35.710.1607	8 Stops 1.00 m/s speed	2.180.766,00	253.386,00
35.710.1608	9 Stops 1.00 m/s speed	2.299.729,60	281.349,60
35.710.1609	10 Stops 1.00 m/s speed	2.346.153,20	309.313,20
35.710.1610	11 Stops 1.60 m/s speed	2.572.366,80	337.276,80
35.710.1611	12 Stops 1.60 m/s speed	2.678.590,40	365.240,40
35.710.1612	13 Stops 1.60 m/s speed	2.726.704,00	393.204,00
35.710.1613	14 Stops 1.60 m/s speed	2.833.187,60	421.167,60
35.710.1614	15 Stops 1.60 m/s speed	2.949.941,20	449.131,20
35.710.1650	Class III elevators (The elevators designed principally to carry patients and stretchers in healthcare facilities, and to carry non-patient passengers when necessary.) Variable-speed, Capacity: 2,500 kg, Unit: Qty. Capacity (rated capacity): 2,500 kg, Pit (cross section) size: 2,700 x 3,300 mm (width x depth), Carriage cross-sectional size: 1,800 x 2,700 mm (width x depth), Where the dimensions specified in TS ISO 8100-30 cannot be fulfilled, the area of the carriage shall be 4.625 - 5.00 m ² as per TS EN 81-20. Entrance width: 1,300 mm, Entrance height: 2,100 mm. Note: The carriage interior shall be modified for use by the handicapped.		
35.710.1651	2 Stops 1.00 m/s speed	1.864.421,40	87.854,40
35.710.1652	3 Stops 1.00 m/s speed	1.940.988,00	116.568,00
35.710.1653	4 Stops 1.00 m/s speed	1.992.191,60	145.281,60
35.710.1654	5 Stops 1.00 m/s speed	2.096.175,20	173.995,20
35.710.1655	6 Stops 1.00 m/s speed	2.191.188,80	202.708,80
35.710.1656	7 Stops 1.00 m/s speed	2.321.432,40	231.422,40
35.710.1657	8 Stops 1.00 m/s speed	2.427.236,00	260.136,00
35.710.1658	9 Stops 1.00 m/s speed	2.546.559,60	288.849,60
35.710.1659	10 Stops 1.00 m/s speed	2.658.993,20	317.563,20
35.710.1660	11 Stops 1.60 m/s speed	2.838.766,80	346.276,80
35.710.1661	12 Stops 1.60 m/s speed	2.944.960,40	374.990,40
35.710.1662	13 Stops 1.60 m/s speed	3.080.274,00	403.704,00

35.710.-Lift Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.710.1663	14 Stops 1.60 m/s speed	3.195.437,60	432.417,60
35.710.1664	15 Stops 1.60 m/s speed	3.327.371,20	461.131,20
35.710.1700	Class IV elevator (The elevators designed principally to carry objects under the supervision of an accompanying person). Variable-speed, Rated capacity: 630 kg, Unit: Qty. Capacity (rated capacity): 630 kg, Pit (cross section) size: 2100 x 1900 mm (width x depth), Carriage cross-sectional size: 1100 x 1400 mm (width x depth), Where the dimensions specified in TS 8238 ISO 4190-2 cannot be fulfilled, the area of the carriage shall be 1.45 - 1.66 m² as per TS EN 81-20. Entrance width: 1,100 mm, Entrance height: 2,100 mm.		
35.710.1701	2 Stops 1.00 m/s speed	867.957,20	51.427,20
35.710.1702	3 Stops 1.00 m/s speed	921.875,50	68.971,50
35.710.1703	4 Stops 1.00 m/s speed	974.103,80	86.515,80
35.710.1704	5 Stops 1.00 m/s speed	1.026.072,10	104.060,10
35.710.1705	6 Stops 1.00 m/s speed	1.082.174,40	121.604,40
35.710.1706	7 Stops 1.00 m/s speed	1.137.847,70	139.148,70
35.710.1707	8 Stops 1.00 m/s speed	1.190.323,00	156.693,00
35.710.1708	9 Stops 1.00 m/s speed	1.250.637,30	174.237,30
35.710.1709	10 Stops 1.00 m/s speed	1.309.651,60	191.781,60
35.710.1710	11 Stops 1.00 m/s speed	1.370.485,90	209.325,90
35.710.1711	12 Stops 1.00 m/s speed	1.431.970,20	226.870,20
35.710.1712	13 Stops 1.00 m/s speed	1.497.094,50	244.414,50
35.710.1713	14 Stops 1.00 m/s speed	1.573.008,80	261.958,80
35.710.1714	15 Stops 1.00 m/s speed	1.672.713,10	279.503,10
35.710.1750	Class IV elevator (The elevators designed principally to carry objects under the supervision of an accompanying person). Variable-speed, Capacity: 1000 kg, Unit: Qty. Capacity (rated capacity): 1000 kg, Pit (cross section) size: 2400 x 2200 mm (width x depth), Carriage cross-sectional size: 1300 x 1750 mm (width x depth), Where the dimensions specified in TS 8238 ISO 4190-2 cannot be fulfilled, the area of the carriage shall be 2.15 - 2.40 m² as per TS EN 81-20. Entrance width: 1,300 mm, Entrance height: 2,100 mm.		
35.710.1751	2 Stops 1.00 m/s speed	995.944,20	55.927,20
35.710.1752	3 Stops 1.00 m/s speed	1.056.042,50	74.971,50
35.710.1753	4 Stops 1.00 m/s speed	1.105.961,80	94.015,80
35.710.1754	5 Stops 1.00 m/s speed	1.163.629,10	113.060,10
35.710.1755	6 Stops 1.00 m/s speed	1.219.229,40	132.104,40
35.710.1756	7 Stops 1.00 m/s speed	1.270.890,70	151.148,70
35.710.1757	8 Stops 1.00 m/s speed	1.327.583,00	170.193,00
35.710.1758	9 Stops 1.00 m/s speed	1.401.617,30	189.237,30
35.710.1759	10 Stops 1.00 m/s speed	1.476.301,60	208.281,60
35.710.1760	11 Stops 1.00 m/s speed	1.539.155,90	227.325,90
35.710.1761	12 Stops 1.00 m/s speed	1.602.140,20	246.370,20
35.710.1762	13 Stops 1.00 m/s speed	1.661.874,50	265.414,50
35.710.1763	14 Stops 1.00 m/s speed	1.740.328,80	284.458,80
35.710.1764	15 Stops 1.00 m/s speed	1.852.453,10	303.503,10
35.710.1800	Class IV elevator (The elevators designed principally to carry objects under the supervision of an accompanying person). Variable-speed, Capacity: 1600 kg, Unit: Qty. Capacity (rated capacity): 1600 kg, Pit (cross section) size: 2500 x 2850 mm (width x depth), Carriage cross-sectional size: 1400 x 2400 mm (width x depth), Where the dimensions specified in TS 8238 ISO 4190-2 cannot be fulfilled, the area of the carriage shall be 2.15 - 2.40 m² as per TS EN 81-20. Entrance width: 1,400 mm, Entrance height: 2,100 mm.		
35.710.1801	2 Stops 1.00 m/s speed	1.221.005,80	70.765,80

35.710.-Lift Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.710.1802	3 Stops 1.00 m/s speed	1.292.895,75	94.269,75
35.710.1803	4 Stops 1.00 m/s speed	1.354.268,70	117.773,70
35.710.1804	5 Stops 1.00 m/s speed	1.411.962,65	141.277,65
35.710.1805	6 Stops 1.00 m/s speed	1.475.311,60	164.781,60
35.710.1806	7 Stops 1.00 m/s speed	1.536.645,55	188.285,55
35.710.1807	8 Stops 1.00 m/s speed	1.596.939,50	211.789,50
35.710.1808	9 Stops 1.00 m/s speed	1.667.763,45	235.293,45
35.710.1809	10 Stops 1.00 m/s speed	1.749.767,40	258.797,40
35.710.1810	11 Stops 1.00 m/s speed	1.823.971,35	282.301,35
35.710.1811	12 Stops 1.00 m/s speed	1.889.075,30	305.805,30
35.710.1812	13 Stops 1.00 m/s speed	1.959.899,25	329.309,25
35.710.1813	14 Stops 1.00 m/s speed	2.041.773,20	352.813,20
35.710.1814	15 Stops 1.00 m/s speed	2.132.227,15	376.317,15
35.710.1850	Class IV elevator (The elevators designed principally to carry objects under the supervision of an accompanying person). Variable-speed, Capacity: 2,000 kg, Unit: Qty. Capacity (rated capacity): 2000 kg, Pit (cross section) size: 2700 x 3150 mm (width x depth), Carriage cross-sectional size: 1500 x 2700 mm (width x depth), Where the dimensions specified in TS 8238 ISO 4190-2 cannot be fulfilled, the area of the carriage shall be 3.935 - 4.2 m² as per TS EN 81-20. Entrance width: 1,400 mm, Entrance height: 2,100 mm.		
35.710.1851	2 Stops 1.00 m/s speed	1.559.466,40	85.604,40
35.710.1852	3 Stops 1.00 m/s speed	1.642.420,00	113.568,00
35.710.1853	4 Stops 1.00 m/s speed	1.722.669,60	141.531,60
35.710.1854	5 Stops 1.00 m/s speed	1.815.555,20	169.495,20
35.710.1855	6 Stops 1.00 m/s speed	1.911.118,80	197.458,80
35.710.1856	7 Stops 1.00 m/s speed	2.028.652,40	225.422,40
35.710.1857	8 Stops 1.00 m/s speed	2.129.806,00	253.386,00
35.710.1858	9 Stops 1.00 m/s speed	2.252.929,60	281.349,60
35.710.1859	10 Stops 1.00 m/s speed	2.359.413,20	309.313,20
35.710.1860	11 Stops 1.00 m/s speed	2.471.486,80	337.276,80
35.710.1861	12 Stops 1.00 m/s speed	2.572.510,40	365.240,40
35.710.1862	13 Stops 1.00 m/s speed	2.691.344,00	393.204,00
35.710.1863	14 Stops 1.00 m/s speed	2.801.207,60	421.167,60
35.710.1864	15 Stops 1.00 m/s speed	2.922.251,20	449.131,20
35.715.1000	HYDRAULIC ELEVATORS (As per TS EN 81-20 and TS EN 81-50) Compliance with the standards TS EN 81-20 and TS EN 81-50 for General and Safety Rules, TS EN 12016 for electromagnetic compatibility, and TS ISO 8100-30 and TS ISO 8238 4190-2 for placement and dimensions shall be sought. Operation of passenger, patient and freight elevators in any environment by means of hydraulic pistons (The distance between the engine room and hydraulic piston shall not exceed 10 meters provided that it is in an enclosed area), delivery in working order of hydraulic elevator installation with hydraulic pistons, pumps, oil tanks, hoses, soft starters, leveling drive groups, heaters, coolers, all fasteners, door leaves made of 1.25-mm-thick DKP sheet metal; fully automatic floor doors (with two telescopic leaves, opening from the center to the sides) zinc phosphatized by spraying method in surface cleaning baths, then painted in a color requested by the administration by electrostatic method and oven-dried, and certified for compliance with CE standards; door mechanisms with the same specifications and with drive engines, which shall be installed on the carriage and driven with a mechanism (chain, belt, lever, etc.) to operate in synchronization with the floor doors; locking mechanisms, pulleys, roller guides, rails, belts, chains, levers and electronic cards CE certified; fully automatic carriage door (two-leaf, telescopic, opening from the center to the sides); emergency uninterruptible power supply with Ni-Cd or dry battery which shall move the carriage to the nearest floor and open the doors in case of power outage; light curtain equal to the inner height of the door, which contains multiple beams (min. 94 beams) to protect the occupants or loads entering the carriage (full-height photocell); cumulative control feature, including material and labor (except the group controller equipment). NOTE: 1) The hydraulic pump group shall be CE-certified, in compliance with the ISO 9001-9002 quality		

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	assurance system, and made by a manufacturer acceptable to the administration. 2) The elevator installation shall be manufactured in compliance with the Directive 2014/33/EU for Elevators and Safety Components for Elevators, and released with the CE marking. 3) The fully automatic floor doors shall fulfill the specifications provided in the standard TS EN 81-58 and fire-resistant as per the Fire Protection Directive. The fire-resistant doors shall be certified to resist fire for at least 60 minutes by an accredited organization. 4) The carriage interior, and fully automatic carriage and floor doors shall be paneled with (0.80 mm thick) satin stainless steel sheet.		
35.715.1100	Hydraulic passenger elevator, Lifting capacity: 630 kg, Carriage speed: 0.60 m/s, Unit: Qty. Pit (cross section) size: 2000 x 2100 mm (width x depth), Carriage cross-sectional size: 1100 x 1400 mm (width x depth), Where the dimensions specified in TS ISO 8100-30 cannot be fulfilled, the area of the carriage shall be 1.45 - 1.66 m ² as per TS EN 81-20. Entrance width: 900 mm, Entrance height: As per TS EN 81-20, min. 2.000 mm Note: The carriage interior shall be modified for use by the handicapped. The article 34 of the Planned Areas Type Zoning Regulation shall be taken into consideration for door width and carriage area.		
35.715.1101	2 Stops	596.352,20	50.677,20
35.715.1102	3 Stops	690.533,50	67.846,50
35.715.1103	4 Stops	794.867,80	85.015,80
35.715.1104	5 Stops	862.802,10	102.185,10
35.715.1105	6 Stops	969.853,40	119.354,40
35.715.1106	7 Stops	1.062.903,70	136.523,70
35.715.1150	Hydraulic freight elevator, Lifting capacity: 630 kg, Carriage speed: 0.40 m/s, Unit: Qty. Pit (cross section) size: 2100 x 1900 mm (width x depth), Carriage cross-sectional size: 1100 x 1400 mm (width x depth), Where the dimensions specified in TS 8238 ISO 4190-2 cannot be fulfilled, the area of the carriage shall be 1.45 - 1.66 m ² as per TS EN 81-20. Entrance width: 1,100 mm, Entrance height: 2,100 mm.		
35.715.1151	2 Stops	613.382,20	50.677,20
35.715.1152	3 Stops	707.433,50	67.846,50
35.715.1153	4 Stops	815.407,80	85.015,80
35.715.1154	5 Stops	879.052,10	102.185,10
35.715.1155	6 Stops	987.663,40	119.354,40
35.715.1156	7 Stops	1.078.503,70	136.523,70
35.715.1200	Hydraulic passenger elevator, Lifting capacity: 800 kg, Carriage speed: 0.60 m/s, Unit: Qty. Pit (cross section) size: 2,000 x 2,200 mm (width x depth), Carriage cross-sectional size: 1,350 x 1,400 mm or 1,200 x 1,500 mm (width x depth), Where the dimensions specified in TS ISO 8100-30 cannot be fulfilled, the area of the carriage shall be 1.87 - 2.00 m ² as per TS EN 81-20. Entrance width: 900 mm, Entrance height: As per TS EN 81-20, min. 2.000 mm Note: The carriage interior shall be modified for use by the handicapped. The article 34 of the Planned Areas Type Zoning Regulation shall be taken into consideration for door width and carriage area.		
35.715.1201	2 Stops	689.734,20	52.552,20
35.715.1202	3 Stops	789.215,50	70.471,50
35.715.1203	4 Stops	888.852,80	88.390,80
35.715.1204	5 Stops	945.954,10	106.310,10
35.715.1205	6 Stops	1.040.469,40	124.229,40
35.715.1206	7 Stops	1.118.578,70	142.148,70
35.715.1250	Hydraulic passenger elevator, Lifting capacity: 1000 kg, Carriage speed: 0.60 m/s, Unit: Qty. Pit (cross section) size: 2,200 x 2,200 mm (width x depth), Carriage cross-sectional size: 1,600 x 1,400 mm (width x depth), Where the dimensions specified in TS ISO 8100-30 cannot be fulfilled, the area of the carriage shall be 2.15 - 2.40 m ² as per TS EN 81-20. Entrance width: 900 mm, Entrance height: As per TS EN 81-20, min. 2.000 mm		

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	Note: The carriage interior shall be modified for use by the handicapped.		
35.715.1251	2 Stops	815.447,20	54.427,20
35.715.1252	3 Stops	901.846,50	73.096,50
35.715.1253	4 Stops	1.003.559,80	91.765,80
35.715.1254	5 Stops	1.092.039,10	110.435,10
35.715.1255	6 Stops	1.212.940,40	129.104,40
35.715.1256	7 Stops	1.328.264,70	147.773,70
35.715.1300	Hydraulic freight elevator, Lifting capacity: 1000 kg, Carriage speed: 0.40 m/s, Unit: Qty. Pit (cross section) size: 2,400 x 2,200 mm (width x depth), Carriage cross-sectional size: 1,300 x 1,750 mm (width x depth), Where the dimensions specified in TS 8238 ISO 4190-2 cannot be fulfilled, the area of the carriage shall be 2.15 - 2.40 m ² as per TS EN 81-20. Entrance width: 1,300 mm, Entrance height: 2,100 mm.		
35.715.1301	2 Stops	768.387,20	54.427,20
35.715.1302	3 Stops	897.296,50	73.096,50
35.715.1303	4 Stops	979.639,80	91.765,80
35.715.1304	5 Stops	1.102.049,10	110.435,10
35.715.1305	6 Stops	1.201.890,40	129.104,40
35.715.1306	7 Stops	1.285.104,70	147.773,70
35.715.1350	Hydraulic freight elevator, Lifting capacity: 1000 kg, Carriage speed: 0.60 m/s, Unit: Qty. Pit (cross section) size: 2400 x 2200 mm (width x depth), Carriage cross-sectional size: 1300 x 1750 mm (width x depth), Where the dimensions specified in TS 8238 ISO 4190-2 cannot be fulfilled, the area of the carriage shall be 2.15 - 2.40 m ² as per TS EN 81-20. Entrance width: 1,300 mm, Entrance height: 2,100 mm.		
35.715.1351	2 Stops	772.157,20	54.427,20
35.715.1352	3 Stops	900.546,50	73.096,50
35.715.1353	4 Stops	983.019,80	91.765,80
35.715.1354	5 Stops	1.106.209,10	110.435,10
35.715.1355	6 Stops	1.229.840,40	129.104,40
35.715.1356	7 Stops	1.327.224,70	147.773,70
35.715.1400	Hydraulic passenger elevator, Lifting capacity: 1275 kg, Carriage speed: 0.60 m/s, Unit: Qty. Pit (cross section) size: 2,500 x 2,200 mm (width x depth), Carriage cross-sectional size: 2,000 x 1,400 mm (width x depth), Where the dimensions specified in TS ISO 8100-30 cannot be fulfilled, the area of the carriage shall be 2.71 - 2.95 m ² as per TS EN 81-20. Entrance width: 1,100 mm, Entrance height: 2,100 mm. Note: The carriage interior shall be modified for use by the handicapped.		
35.715.1401	2 Stops	906.818,15	64.431,15
35.715.1402	3 Stops	993.612,10	86.810,10
35.715.1403	4 Stops	1.121.096,05	109.189,05
35.715.1404	5 Stops	1.223.087,00	131.568,00
35.715.1405	6 Stops	1.309.126,95	153.946,95
35.715.1406	7 Stops	1.430.383,90	176.325,90
35.715.1450	Hydraulic passenger elevator, Lifting capacity: 1600 kg, Carriage speed: 0.60 m/s, Unit: Qty. Pit (cross section) size: 2,700 x 2,500 mm (width x depth), Carriage cross-sectional size: 2,100 x 1,600 mm (width x depth), Where the dimensions specified in TS ISO 8100-30 cannot be fulfilled, the area of the carriage shall be 3.245 - 3.56 m ² as per TS EN 81-20. Entrance width: 1,100 mm, Entrance height: 2,100 mm. Note: The carriage interior shall be modified for use by the handicapped.		
35.715.1451	2 Stops	1.119.488,15	66.306,15
35.715.1452	3 Stops	1.240.962,10	89.435,10
35.715.1453	4 Stops	1.361.123,05	112.564,05
35.715.1454	5 Stops	1.484.313,00	135.693,00
35.715.1455	6 Stops	1.526.499,95	158.821,95

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.715.1456	7 Stops	1.644.333,90	181.950,90
35.715.1500	Hydraulic patient elevator, Lifting capacity: 1600 kg, Carriage speed: 0.60 m/s, Unit: Qty. Pit (cross section) size: 2,400 x 3,000 mm (width x depth), Carriage cross-sectional size: 1,400 x 2,400 mm (width x depth), Where the dimensions specified in TS ISO 8100-30 cannot be fulfilled, the area of the carriage shall be 3.245 - 3.56 m ² as per TS EN 81-20. Entrance width: 1,300 mm, Entrance height: 2,100 mm. Note: The carriage interior shall be modified for use by the handicapped.		
35.715.1501	2 Stops	1.090.368,15	66.306,15
35.715.1502	3 Stops	1.212.622,10	89.435,10
35.715.1503	4 Stops	1.332.653,05	112.564,05
35.715.1504	5 Stops	1.454.153,00	135.693,00
35.715.1505	6 Stops	1.497.769,95	158.821,95
35.715.1506	7 Stops	1.615.863,90	181.950,90
35.715.2000	Hydraulic freight elevator, Lifting capacity: 1600 kg, Carriage speed: 0.40 m/s, Unit: Qty. Pit (cross section) size: 2500 x 2850 mm (width x depth), Carriage cross-sectional size: 1400 x 2400 mm (width x depth), Where the dimensions specified in TS 8238 ISO 4190-2 cannot be fulfilled, the area of the carriage shall be 2.15 - 2.40 m ² as per TS EN 81-20. Entrance width: 1,400 mm, Entrance height: 2,100 mm.		
35.715.2001	2 Stops	1.108.308,15	66.306,15
35.715.2002	3 Stops	1.229.652,10	89.435,10
35.715.2003	4 Stops	1.350.723,05	112.564,05
35.715.2004	5 Stops	1.472.613,00	135.693,00
35.715.2005	6 Stops	1.516.489,95	158.821,95
35.715.2006	7 Stops	1.717.133,90	181.950,90
35.715.2100	Hydraulic freight elevator, Lifting capacity: 1600 kg, Carriage speed: 0.60 m/s, Unit: Qty. Pit (cross section) size: 2,500 x 2,850 mm (width x depth), Carriage cross-sectional size: 1,400 x 2,400 mm (width x depth), Where the dimensions specified in TS 8238 ISO 4190-2 cannot be fulfilled, the area of the carriage shall be 2.15 - 2.40 m ² as per TS EN 81-20. Entry width: 1,400 mm, Entry height: 2100 mm.		
35.715.2101	2 Stops	1.116.238,15	66.306,15
35.715.2102	3 Stops	1.238.622,10	89.435,10
35.715.2103	4 Stops	1.359.043,05	112.564,05
35.715.2104	5 Stops	1.479.893,00	135.693,00
35.715.2105	6 Stops	1.523.379,95	158.821,95
35.715.2106	7 Stops	1.639.783,90	181.950,90
35.715.2150	Hydraulic patient elevator, Lifting capacity: 2000 kg, Carriage speed: 0.60 m/s, Unit: Qty. Pit (cross section) size: 2,400 x 3,300 mm (width x depth), Carriage cross-sectional size: 1,500 x 2,700 mm (width x depth), Where the dimensions specified in TS ISO 8100-30 cannot be fulfilled, the area of the carriage shall be 3.935 - 4.2 m ² as per TS EN 81-20. Entrance width: 1,300 mm, Entrance height: 2,100 mm. Note: The carriage interior shall be modified for use by the handicapped.		
35.715.2151	2 Stops	1.397.932,10	78.185,10
35.715.2152	3 Stops	1.529.052,70	105.773,70
35.715.2153	4 Stops	1.660.992,30	133.362,30
35.715.2154	5 Stops	1.791.423,90	160.950,90
35.715.2155	6 Stops	1.886.859,50	188.539,50
35.715.2156	7 Stops	1.957.738,10	216.128,10
35.715.2200	Hydraulic freight elevator, Lifting capacity: 2000 kg, Carriage speed: 0.40 m/s, Unit: Qty. Pit (cross section) size: 2,700 x 3,150 mm (width x depth), Carriage cross-sectional size: 1,500 x 2700 mm (width x depth), Where the dimensions specified in TS 8238 ISO 4190-2 cannot be fulfilled, the area of the carriage shall be 3.935 - 4.2 m ² as per TS EN 81-20. Entrance width: 1,400 mm, Entrance height: 2,100 mm.		

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.715.2201	2 Stops	1.426.012,10	78.185,10
35.715.2202	3 Stops	1.556.092,70	105.773,70
35.715.2203	4 Stops	1.656.442,30	133.362,30
35.715.2204	5 Stops	1.785.573,90	160.950,90
35.715.2205	6 Stops	1.914.159,50	188.539,50
35.715.2206	7 Stops	2.044.058,10	216.128,10
35.715.2250	Hydraulic freight elevator, Lifting capacity: 2000 kg, Carriage speed: 0.60 m/s, Unit: Qty. Pit (cross section) size: 2700 x 3150 mm (width x depth), Carriage cross-sectional size: 1500 x 2700 mm (width x depth), Where the dimensions specified in TS 8238 ISO 4190-2 cannot be fulfilled, the area of the carriage shall be 3.935 - 4.2 m ² as per TS EN 81-20. Entrance width: 1,400 mm, Entrance height: 2,100 mm.		
35.715.2251	2 Stops	1.433.942,10	78.185,10
35.715.2252	3 Stops	1.566.102,70	105.773,70
35.715.2253	4 Stops	1.697.002,30	133.362,30
35.715.2254	5 Stops	1.793.893,90	160.950,90
35.715.2255	6 Stops	1.923.519,50	188.539,50
35.715.2256	7 Stops	2.052.378,10	216.128,10
35.715.2300	Hydraulic patient elevator, Lifting capacity: 2500 kg, Carriage speed: 0.60 m/s, Unit: Qty. Pit (cross section) size: 2,700 x 3,300 mm (width x depth), Carriage cross-sectional size: 1,800 x 2,700 mm (width x depth), Where the dimensions specified in TS ISO 8100-30 cannot be fulfilled, the area of the carriage shall be 4.625 - 5.00 m ² as per TS EN 81-20. Entrance width: 1,300 mm, Entrance height: 2,100 mm. Note: The carriage interior shall be modified for use by the handicapped.		
35.715.2301	2 Stops	1.583.419,10	80.060,10
35.715.2302	3 Stops	1.714.938,70	108.398,70
35.715.2303	4 Stops	1.812.255,30	136.737,30
35.715.2304	5 Stops	1.941.655,90	165.075,90
35.715.2305	6 Stops	2.072.174,50	193.414,50
35.715.2306	7 Stops	2.204.123,10	221.753,10
35.715.2350	Hydraulic freight elevator, Lifting capacity: 2500 kg, Carriage speed: 0.40 m/s, Unit: Qty. Pit (cross section) size: 3000 x 3150 mm (width x depth), Carriage cross-sectional size: 1800 x 2700 mm (width x depth), Where the dimensions specified in TS 8238 ISO 4190-2 cannot be fulfilled, the area of the carriage shall be 4.625 - 5.00 m ² as per TS EN 81-20. Entrance width: 1,800 mm, Entrance height: 2,500 mm.		
35.715.2351	2 Stops	1.604.479,10	80.060,10
35.715.2352	3 Stops	1.707.138,70	108.398,70
35.715.2353	4 Stops	1.839.685,30	136.737,30
35.715.2354	5 Stops	1.933.335,90	165.075,90
35.715.2355	6 Stops	2.061.774,50	193.414,50
35.715.2356	7 Stops	2.194.113,10	221.753,10
35.715.2400	Hydraulic freight elevator, Lifting capacity: 2500 kg, Carriage speed: 0.60 m/s, Unit: Qty. Pit (cross section) size: 3,000 x 3,150 mm (width x depth), Carriage cross-sectional size: 1,800 x 2,700 mm (width x depth), Where the dimensions specified in TS 8238 ISO 4190-2 cannot be fulfilled, the area of the carriage shall be 4.625 - 5.00 m ² as per TS EN 81-20. Entrance width: 1,800 mm, Entrance height: 2,500 mm.		
35.715.2401	2 Stops	1.614.229,10	80.060,10
35.715.2402	3 Stops	1.714.938,70	108.398,70
35.715.2403	4 Stops	1.848.005,30	136.737,30
35.715.2404	5 Stops	1.941.655,90	165.075,90
35.715.2405	6 Stops	2.071.524,50	193.414,50
35.715.2406	7 Stops	2.202.043,10	221.753,10

35.710.-Lift Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.720.1000	ELEVATOR INSTALLATION WITHOUT MACHINE ROOM (in compliance with TS EN 81-20 and TS EN 81-50) Compliance with the standards TS EN 81-20 and TS EN 81-50 for General and Safety Rules, TS EN 12016 for electromagnetic compatibility, and TS ISO 8100-30 and TS ISO 8238 4190-2 for placement and dimensions shall be sought. With door leaves made of 1.25-mm-thick DKP sheet metal; delivery in working order of the elevator installation without engine room and fully automatic floor doors (with two telescopic leaves, opening from the center to the sides) zinc phosphatized by spraying method in surface cleaning baths, then painted in a color requested by the administration by electrostatic method and oven-dried, and certified for compliance with CE standards; door mechanisms with the same specifications and with drive engines, which shall be installed on the carriage and driven with a mechanism (chain, belt, lever, etc.) to operate in synchronization with the floor doors; locking mechanisms, pulleys, roller guides, rails, belts, chains, levers and electronic cards CE certified; fully automatic carriage door (two-leaf, telescopic, opening from the center to the sides); emergency uninterruptible power supply with Ni-Cd or dry battery which shall move the carriage to the nearest floor and open the doors in case of power outage; light curtain equal to the inner height of the door, which contains multiple beams (min. 94 beams) to protect the occupants or loads entering the carriage (full-height photocell); frequency inverter that adjusts the speed of the motor to prevent the impacts while the elevator starts to move or stops and to adjust the position of the carriage precisely; a tacho generator or encoder that constantly measures the motor speed; a filter that eliminates the disturbances in the system; variable voltage/variable frequency (vvvf) drive system that is made up of a regulated feedback and resistance unit; cumulative control feature, including material and labor (except the group controller equipment). NOTE: The elevator installation shall be manufactured in compliance with the Directive 2014/33/EU for Elevators and Safety Components for Elevators, and released with the CE marking. The fully automatic floor doors shall fulfill the specifications provided in the standard TS EN 81-58 and fire-resistant as per the Fire Protection Directive. The fire-resistant doors shall be certified to resist fire for at least 60 minutes by an accredited organization. The carriage interior, and fully automatic carriage and floor doors shall be paneled with (0.80 mm thick) satin stainless steel sheet.		
35.720.1100	Class I elevators (The elevators designed for carrying passengers). Without engine room, Variable-speed, Rated capacity: 630 kg, Unit: Qty. Capacity (rated capacity): 630 kg, Pit (cross section) size: 2,000 x 2,100 mm (width x depth), Carriage cross-sectional size: 1,100 x 1,400 mm (width x depth), Where the dimensions specified in TS ISO 8100-30 cannot be fulfilled, the area of the carriage shall be 1.45 - 1.66 m ² as per TS EN 81-20. Entrance width: 900 mm, Entrance height: As per TS EN 81-20, min. 2.000 mm Note: The carriage interior shall be modified for use by the handicapped. The article 34 of the Planned Areas Type Zoning Regulation shall be taken into consideration for door width and carriage area.		
35.720.1101	2 Stops 1.00 m/s speed	969.604,20	51.427,20
35.720.1102	3 Stops 1.00 m/s speed	1.020.922,50	68.971,50
35.720.1103	4 Stops 1.00 m/s speed	1.078.701,80	86.515,80
35.720.1104	5 Stops 1.00 m/s speed	1.137.339,10	104.060,10
35.720.1105	6 Stops 1.00 m/s speed	1.216.399,40	121.604,40
35.720.1106	7 Stops 1.00 m/s speed	1.281.380,70	139.148,70
35.720.1107	8 Stops 1.00 m/s speed	1.344.763,00	156.693,00
35.720.1108	9 Stops 1.00 m/s speed	1.413.397,30	174.237,30
35.720.1109	10 Stops 1.00 m/s speed	1.482.551,60	191.781,60
35.720.1110	11 Stops 1.60 m/s speed	1.576.535,90	209.325,90
35.720.1111	12 Stops 1.60 m/s speed	1.648.160,20	226.870,20
35.720.1112	13 Stops 1.60 m/s speed	1.720.434,50	244.414,50
35.720.1113	14 Stops 1.60 m/s speed	1.805.708,80	261.958,80
35.720.1114	15 Stops 1.60 m/s speed	1.913.733,10	279.503,10
35.720.1200	Class I elevators (The elevators designed for carrying passengers). Class II elevators (The elevators designed principally to carry passengers, and to carry other objects when necessary). Without engine room, Variable-speed, Rated capacity: 800 kg, Unit: Qty.		

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Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	Capacity (rated capacity): 800 kg, Pit (cross section) size: 2,000 x 2,200 mm (width x depth), Carriage cross-sectional size: 1,350 x 1,400 mm (width x depth) or 1,200 x 1,500 mm (width x depth), Where the dimensions specified in TS ISO 8100-30 cannot be fulfilled, the area of the carriage shall be 1.87 - 2.00 m ² as per TS EN 81-20. Entrance width: 900 mm, Entrance height: As per TS EN 81-20, min. 2.000 mm Note: The carriage interior shall be modified for use by the handicapped. The article 34 of the Planned Areas Type Zoning Regulation shall be taken into consideration for door width and carriage area.		
35.720.1201	2 Stops 1.00 m/s speed	1.006.460,20	53.677,20
35.720.1202	3 Stops 1.00 m/s speed	1.106.628,50	71.971,50
35.720.1203	4 Stops 1.00 m/s speed	1.167.081,80	90.265,80
35.720.1204	5 Stops 1.00 m/s speed	1.230.265,10	108.560,10
35.720.1205	6 Stops 1.00 m/s speed	1.299.129,40	126.854,40
35.720.1206	7 Stops 1.00 m/s speed	1.372.088,70	145.148,70
35.720.1207	8 Stops 1.00 m/s speed	1.387.003,00	163.443,00
35.720.1208	9 Stops 1.00 m/s speed	1.510.987,30	181.737,30
35.720.1209	10 Stops 1.00 m/s speed	1.584.401,60	200.031,60
35.720.1210	11 Stops 1.60 m/s speed	1.619.855,90	218.325,90
35.720.1211	12 Stops 1.60 m/s speed	1.685.990,20	236.620,20
35.720.1212	13 Stops 1.60 m/s speed	1.771.624,50	254.914,50
35.720.1213	14 Stops 1.60 m/s speed	1.874.158,80	273.208,80
35.720.1214	15 Stops 1.60 m/s speed	2.016.993,10	291.503,10
35.720.1300	Class I elevators (The elevators designed for carrying passengers). Class II elevators (The elevators designed principally to carry passengers, and to carry other objects when necessary). Without engine room, Variable-speed, Rated capacity: 1000 kg, Unit: Qty. Capacity (rated capacity): 1000 kg, Pit (cross section) size: 2,200 x 2,200 mm (width x depth), Carriage cross-sectional size: 1,600 x 1,400 mm (width x depth), Where the dimensions specified in TS ISO 8100-30 cannot be fulfilled, the area of the carriage shall be 2.15 - 2.40 m ² as per TS EN 81-20. Entrance width: 900 mm, Entrance height: As per TS EN 81-20, min. 2.000 mm Note: The carriage interior shall be modified for use by the handicapped.		
35.720.1301	2 Stops 1.00 m/s speed	1.105.404,20	55.927,20
35.720.1302	3 Stops 1.00 m/s speed	1.165.294,50	74.971,50
35.720.1303	4 Stops 1.00 m/s speed	1.229.643,80	94.015,80
35.720.1304	5 Stops 1.00 m/s speed	1.296.151,10	113.060,10
35.720.1305	6 Stops 1.00 m/s speed	1.361.397,40	132.104,40
35.720.1306	7 Stops 1.00 m/s speed	1.432.948,70	151.148,70
35.720.1307	8 Stops 1.00 m/s speed	1.506.723,00	170.193,00
35.720.1308	9 Stops 1.00 m/s speed	1.590.377,30	189.237,30
35.720.1309	10 Stops 1.00 m/s speed	1.686.251,60	208.281,60
35.720.1310	11 Stops 1.60 m/s speed	1.764.055,90	227.325,90
35.720.1311	12 Stops 1.60 m/s speed	1.854.340,20	246.370,20
35.720.1312	13 Stops 1.60 m/s speed	1.964.644,50	265.414,50
35.720.1313	14 Stops 1.60 m/s speed	2.031.788,80	284.458,80
35.720.1314	15 Stops 1.60 m/s speed	2.103.353,10	303.503,10
35.720.1400	Class I elevators (The elevators designed for carrying passengers). Class II elevators (The elevators designed principally to carry passengers, and to carry other objects when necessary). Without engine room, Variable-speed, Rated capacity: 1250 kg, Unit: Qty. Capacity (rated capacity): 1,250 kg, Pit (cross section) size: 2,500 x 2,200 mm (width x depth), Carriage cross-sectional size: 2,000 x 1,400 mm (width x depth), Where the dimensions specified in TS ISO 8100-30 cannot be fulfilled, the area of the carriage shall be 2.71 - 2.95 m ² as per TS EN 81-20. Entrance width: 1100 mm, Entrance height: As per TS EN 81-20, min. 2100 mm		

35.710.-Lift Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
	Note: The carriage interior shall be modified for use by the handicapped.		
35.720.1401	2 Stops 1.00 m/s speed	1.167.184,80	68.515,80
35.720.1402	3 Stops 1.00 m/s speed	1.242.614,75	91.269,75
35.720.1403	4 Stops 1.00 m/s speed	1.309.152,70	114.023,70
35.720.1404	5 Stops 1.00 m/s speed	1.376.210,65	136.777,65
35.720.1405	6 Stops 1.00 m/s speed	1.443.671,60	159.531,60
35.720.1406	7 Stops 1.00 m/s speed	1.510.365,55	182.285,55
35.720.1407	8 Stops 1.00 m/s speed	1.576.929,50	205.039,50
35.720.1408	9 Stops 1.00 m/s speed	1.641.413,45	227.793,45
35.720.1409	10 Stops 1.00 m/s speed	1.729.037,40	250.547,40
35.720.1410	11 Stops 1.60 m/s speed	1.820.561,35	273.301,35
35.720.1411	12 Stops 1.60 m/s speed	1.912.605,30	296.055,30
35.720.1412	13 Stops 1.60 m/s speed	2.004.779,25	318.809,25
35.720.1413	14 Stops 1.60 m/s speed	2.096.823,20	341.563,20
35.720.1414	15 Stops 1.60 m/s speed	2.188.347,15	364.317,15
35.720.1500	Class I elevators (The elevators designed for carrying passengers). Class II elevators (The elevators designed principally to carry passengers, and to carry other objects when necessary). Without engine room, Variable-speed, Rated capacity: 1600 kg, Unit: Qty. Capacity (rated capacity): 1,600 kg, Pit (cross section) size: 2,700 x 2,500 mm (width x depth), Carriage cross-sectional size: 2,100 x 1,600 mm (width x depth), Where the dimensions specified in TS ISO 8100-30 cannot be fulfilled, the area of the carriage shall be 3.245 - 3.56 m² as per TS EN 81-20. Entrance width: 1100 mm, Entrance height: As per TS EN 81-20, min. 2100 mm Note: The carriage interior shall be modified for use by the handicapped.		
35.720.1501	2 Stops 1.00 m/s speed	1.263.437,80	70.765,80
35.720.1502	3 Stops 1.00 m/s speed	1.343.114,75	94.269,75
35.720.1503	4 Stops 1.00 m/s speed	1.416.733,70	117.773,70
35.720.1504	5 Stops 1.00 m/s speed	1.488.948,65	141.277,65
35.720.1505	6 Stops 1.00 m/s speed	1.560.981,60	164.781,60
35.720.1506	7 Stops 1.00 m/s speed	1.632.065,55	188.285,55
35.720.1507	8 Stops 1.00 m/s speed	1.703.929,50	211.789,50
35.720.1508	9 Stops 1.00 m/s speed	1.773.843,45	235.293,45
35.720.1509	10 Stops 1.00 m/s speed	1.865.337,40	258.797,40
35.720.1510	11 Stops 1.60 m/s speed	1.965.801,35	282.301,35
35.720.1511	12 Stops 1.60 m/s speed	2.066.135,30	305.805,30
35.720.1512	13 Stops 1.60 m/s speed	2.164.909,25	329.309,25
35.720.1513	14 Stops 1.60 m/s speed	2.264.983,20	352.813,20
35.720.1514	15 Stops 1.60 m/s speed	2.361.547,15	376.317,15
35.725.1100	Class V elevator (Elevators sized too small for passengers to enter, and designed to elevator small objects). Single-speed. (Unit: Qty) In compliance with TS EN 81-3+A1 for General and Safety rules and TS EN 12016 for electromagnetic compatibility. Load capacity (Rated load): 100 kg. Pit (cross section) size: 1,100 x 1,000 mm (width x depth) Carriage cross-sectional size: 800 x 800 x 800 mm (width x depth x height) Carriage speed: 0.25 - 0.40 m/s. Paneling of floor doors and carriage interior with satin-finish stainless steel sheet, and delivery in working order, including floor doors, any material and labor. Note: To be in compliance with the Machinery Directive 2006/42/EC, and CE-certified.		
35.725.1101	2 Stops	195.389,60	30.588,60
35.725.1102	3 Stops	212.555,25	41.423,25
35.725.1103	4 Stops	232.632,90	52.257,90
35.725.1104	5 Stops	252.216,55	63.092,55
35.725.1105	6 Stops	271.917,20	73.927,20

35.710.-Lift Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.725.1106	7 Stops	290.343,85	84.761,85
35.725.1107	8 Stops	309.407,50	95.596,50
35.725.1108	9 Stops	332.254,15	106.431,15
35.725.1109	10 Stops	358.987,80	117.265,80
35.725.1110	11 Stops	384.252,45	128.100,45
35.725.1111	12 Stops	412.377,10	138.935,10
35.725.1112	13 Stops	443.465,75	149.769,75
35.725.1113	14 Stops	471.967,40	160.604,40
35.725.1114	15 Stops	502.523,05	171.439,05
35.725.1200	Class V elevator (Elevators sized too small for passengers to enter, and designed to elevator small objects). Two-speed. (Unit: Qty) In compliance with TS EN 81-3+A1 for general and safety requirements and with TS EN 12016 for electromagnetic compatibility; rated load: 250 kg; hoistway cross-section: 1,500 × 1,200 mm (width × depth); car internal dimensions: 1,000 × 1,000 × 1,200 mm (width × depth × height); car speed: 0.25–0.40 / 0.10 m/s; landing doors and car interior to be clad with satin-finish stainless steel sheet; complete delivery in working order including all landing doors, materials, and labor. Note: To be in compliance with the Machinery Directive 2006/42/EC, and CE-certified.		
35.725.1201	2 Stops	315.360,60	36.588,60
35.725.1202	3 Stops	339.755,25	49.673,25
35.725.1203	4 Stops	365.683,90	62.757,90
35.725.1204	5 Stops	385.606,55	75.842,55
35.725.1205	6 Stops	411.080,20	88.927,20
35.725.1206	7 Stops	437.996,85	102.011,85
35.725.1207	8 Stops	478.797,50	115.096,50
35.725.1208	9 Stops	495.795,15	128.181,15
35.725.1209	10 Stops	525.376,80	141.265,80
35.725.1210	11 Stops	561.640,45	154.350,45
35.725.1211	12 Stops	592.717,10	167.435,10
35.725.1212	13 Stops	619.815,75	180.519,75
35.725.1213	14 Stops	650.632,40	193.604,40
35.725.1214	15 Stops	681.124,05	206.689,05
35.725.2000	Control equipment group (Collective system), Unit: Qty. Delivery and installation of a system—complete with all necessary minor materials and labor—that enables selective control across multiple elevators installed side by side in the same building, ensuring that the elevator closest and most suitable in terms of load direction stops at the floor from which the call is made, in full working order. Unit: Unit price for one collective mechanism for the first two elevators. 70% of the unit price of the collective mechanism shall be added to each elevator with collective mechanism to be added to this system.		
35.725.2001	4 Stops	27.400,75	4.793,75
35.725.2002	5 Stops	29.211,75	5.668,75
35.725.2003	6 Stops	31.711,75	6.543,75
35.725.2004	7 Stops	33.821,75	7.418,75
35.725.2005	8 Stops	35.398,75	8.293,75
35.725.2006	9 Stops	37.417,75	9.168,75
35.725.2007	10 Stops	38.591,75	10.043,75
35.725.2008	11 Stops	40.350,75	10.918,75
35.725.2009	12 Stops	41.537,75	11.793,75
35.725.2010	13 Stops	43.946,75	12.668,75
35.725.2011	14 Stops	45.198,75	13.543,75
35.725.2012	15 Stops	46.710,75	14.418,75

35.710.-Lift Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.725.2100	PRICE DIFFERENCE FOR DUAL-ENTRANCE CARRIAGES, Unit: Qty. The price difference for dual-entrance carriages instead of single-entrance for passenger, patient and freight elevators.	15.529,25	3.881,25
35.725.2200	ADDITIONAL FULLY-AUTOMATIC CARRIAGE DOORS The price difference to be paid for each additional door if additional fully automatic carriage doors are installed.		
35.725.2201	For passenger elevators	50.996,00	2.636,00
35.725.2250	ADDITIONAL FULLY-AUTOMATIC FLOOR DOORS The price difference to be paid for each additional door if additional fully automatic floor doors are installed.		
35.725.2251	For passenger elevators	30.378,00	2.636,00
35.725.2202	For patient and freight elevators	62.991,00	3.191,00
35.725.2252	For patient and freight elevators	39.487,00	3.191,00
35.725.2300	ADDITIONAL LANDING DOORS, Unit: Qty. The price difference to be paid for each additional door if additional landing doors are installed.		
35.725.2302	For service elevators	3.290,90	1.961,00
35.725.2400	PRICE DIFFERENCE FOR FLOOR HEIGHT, Unit: m. The price difference to be paid for each meter where the height between the bottom and top stops of the carriage is more than 3 meters for each floor.		
35.725.2410	For variable-speed passenger elevators	3.713,80	2.250,00
35.725.2420	For patient and freight elevators	4.546,80	2.940,00
35.725.2430	For service elevators	1.551,40	1.125,00
35.730.1000	ESCALATORS (Unit: Qty.)		
35.730.1100	Escalators with 35-degree escalating angle (For interior environments): Delivery in working order, including any material and labor, of escalators in compliance with the Machinery Directive 2006/42/EC, TS EN 115-1+A1 standard and CE-certified; with panels in compliance with TS EN 61439-1/2, 0.50 m/s speed, radar sensor, monobloc aluminum entrance and exit steps with min. two horizontal steps, inner panels of railings made of 10-mm tempered glass, a control system made up of electronic microprocessor controlled, Programmable Logic Controlled (PLC) or VVVF (Variable Voltage Variable Frequency) control system and an error code indicator display, automatic lubrication system, and a bottom part of the carrier structure coated with primer and paneled with 2-mm DKP sheet metal, which shall be equipped with physical and electronic measures related to the hazard if an object jams the system. Note: The price of VVVF system is included in the price. For side surfaces, the items with no. 35.730.1750 and 35.730.1760 shall be used.		
35.730.1101	Step width: 600 mm, with 4500 passengers/hour capacity.		
35.730.1102	H: 3000 mm	2.575.336,85	174.886,85
35.730.1104	H: 3500 mm	2.691.436,85	184.386,85
35.730.1103	H: 3250 mm	2.645.346,85	179.636,85
35.730.1105	H: 3750 mm	2.761.706,85	189.136,85
35.730.1106	H: 4000 mm	2.812.606,85	193.886,85
35.730.1107	H: 4250 mm	2.881.446,85	198.636,85
35.730.1110	H: 5000 mm	3.070.026,85	212.886,85
35.730.1109	H: 4750 mm	3.022.116,85	208.136,85
35.730.1111	H: 5250 mm	3.140.036,85	217.636,85
35.730.1112	H: 5500 mm	3.193.666,85	222.386,85
35.730.1108	H: 4500 mm	2.929.226,85	203.386,85
35.730.1115	H: 6500 mm	3.441.916,85	236.636,85
35.730.1116	H: 7000 mm	3.556.646,85	241.386,85
35.730.1117	H: 7500 mm	3.670.466,85	246.136,85
35.730.1118	H: 8000 mm	3.785.196,85	250.886,85
35.730.1119	H: 8500 mm	3.899.926,85	255.636,85
35.730.1120	H: 9000 mm	4.014.916,85	260.386,85

35.710.-Lift Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.730.1121	H: 9500 mm	4.129.776,85	265.136,85
35.730.1114	H: 6000 mm	3.326.926,85	231.886,85
35.730.1113	H: 5750 mm	3.261.466,85	227.136,85
35.730.1122	H: 10000 mm	4.244.766,85	269.886,85
35.730.1150	Step width: 800 mm, with 6750 passengers/hour capacity.		
35.730.1151	H: 3000 mm	2.577.936,85	174.886,85
35.730.1152	H: 3250 mm	2.658.216,85	179.636,85
35.730.1153	H: 3500 mm	2.710.026,85	184.386,85
35.730.1154	H: 3750 mm	2.778.476,85	189.136,85
35.730.1155	H: 4000 mm	3.012.286,85	193.886,85
35.730.1156	H: 4250 mm	3.085.416,85	198.636,85
35.730.1157	H: 4500 mm	3.136.836,85	203.386,85
35.730.1158	H: 4750 mm	3.238.956,85	208.136,85
35.730.1159	H: 5000 mm	3.291.286,85	212.886,85
35.730.1160	H: 5250 mm	3.304.746,85	217.636,85
35.730.1161	H: 5500 mm	3.359.806,85	222.386,85
35.730.1162	H: 5750 mm	3.427.476,85	227.136,85
35.730.1163	H: 6000 mm	3.481.886,85	231.886,85
35.730.1164	H:6500 mm	3.596.876,85	236.636,85
35.730.1165	H:7000 mm	3.710.436,85	241.386,85
35.730.1166	H:7500 mm	3.825.816,85	246.136,85
35.730.1167	H:8000 mm	3.940.156,85	250.886,85
35.730.1168	H:8500 mm	4.055.276,85	255.636,85
35.730.1169	H:9000 mm	4.169.746,85	260.386,85
35.730.1170	H:9500 mm	4.285.126,85	265.136,85
35.730.1171	H:10000 mm	4.400.246,85	269.886,85
35.730.1200	Step width: 1000 mm, with 9000 passengers/hour capacity.		
35.730.1201	H: 3000 mm	2.739.916,85	174.886,85
35.730.1202	H: 3250 mm	2.812.136,85	179.636,85
35.730.1203	H: 3500 mm	2.864.986,85	184.386,85
35.730.1204	H: 3750 mm	2.936.166,85	189.136,85
35.730.1205	H: 4000 mm	3.067.796,85	193.886,85
35.730.1206	H: 4250 mm	3.144.436,85	198.636,85
35.730.1207	H: 4500 mm	3.194.166,85	203.386,85
35.730.1208	H: 4750 mm	3.296.156,85	208.136,85
35.730.1209	H: 5000 mm	3.343.286,85	212.886,85
35.730.1210	H: 5250 mm	3.426.686,85	217.636,85
35.730.1211	H: 5500 mm	3.473.816,85	222.386,85
35.730.1212	H: 5750 mm	3.519.776,85	227.136,85
35.730.1213	H: 6000 mm	3.567.166,85	231.886,85
35.730.1214	H:6500 mm	3.681.376,85	236.636,85
35.730.1215	H:7000 mm	3.796.756,85	241.386,85
35.730.1216	H:7500 mm	3.911.616,85	246.136,85
35.730.1217	H:8000 mm	4.026.346,85	250.886,85
35.730.1218	H:8500 mm	4.140.816,85	255.636,85
35.730.1219	H:9000 mm	4.256.716,85	260.386,85
35.730.1220	H:9500 mm	4.370.796,85	265.136,85

35.710.-Lift Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.730.1221	H:10000 mm	4.486.436,85	269.886,85
35.730.1300	Escalators with 30-degree escalating angle (For interior environments): Delivery in working order, including any material and labor, of escalators in compliance with the Machinery Directive 2006/42/EC, TS EN 115-1+A1 standard and CE-certified; with panels in compliance with TS EN 61439-1/2, 0.50 m/s speed, radar sensor, monobloc aluminum entrance and exit steps with min. two horizontal steps, inner panels of railings made of 10-mm tempered glass, a control system made up of electronic microprocessor controlled, Programmable Logic Controlled (PLC) or VVVF (Variable Voltage Variable Frequency) control system and an error code indicator display, automatic lubrication system, and a bottom part of the carrier structure coated with primer and paneled with 2-mm DKP sheet metal, which shall be equipped with physical and electronic measures related to the hazard if an object jams the system. Note: The price of VVVF system is included in the price. For side surfaces, the items with no. 35.730.1750 and 35.730.1760 shall be used.		
35.730.1310	Step width: 600 mm, with 4500 passengers/hour capacity.		
35.730.1311	H: 3000 mm	2.653.466,85	174.886,85
35.730.1312	H: 3250 mm	2.724.646,85	179.636,85
35.730.1313	H: 3500 mm	2.773.726,85	184.386,85
35.730.1314	H: 3750 mm	2.844.256,85	189.136,85
35.730.1315	H: 4000 mm	3.107.966,85	193.886,85
35.730.1316	H: 4250 mm	3.186.556,85	198.636,85
35.730.1317	H: 4500 mm	3.216.136,85	203.386,85
35.730.1318	H: 4750 mm	3.238.306,85	208.136,85
35.730.1319	H: 5000 mm	3.338.346,85	212.886,85
35.730.1320	H: 5250 mm	3.460.746,85	217.636,85
35.730.1321	H: 5500 mm	3.513.726,85	222.386,85
35.730.1322	H: 5750 mm	3.578.536,85	227.136,85
35.730.1323	H: 6000 mm	3.643.476,85	231.886,85
35.730.1324	H:6500 mm	3.757.426,85	236.636,85
35.730.1325	H:7000 mm	3.872.676,85	241.386,85
35.730.1326	H:7500 mm	3.987.016,85	246.136,85
35.730.1327	H:8000 mm	4.102.396,85	250.886,85
35.730.1328	H:8500 mm	4.216.736,85	255.636,85
35.730.1329	H:9000 mm	4.331.466,85	260.386,85
35.730.1330	H:9500 mm	4.446.586,85	265.136,85
35.730.1331	H:10000 mm	4.561.576,85	269.886,85
35.730.1350	Step width: 800 mm, with 6750 passengers/hour capacity.		
35.730.1351	H: 3000 mm	2.815.706,85	174.886,85
35.730.1352	H: 3250 mm	2.892.086,85	179.636,85
35.730.1353	H: 3500 mm	2.943.766,85	184.386,85
35.730.1354	H: 3750 mm	2.963.466,85	189.136,85
35.730.1355	H: 4000 mm	3.147.096,85	193.886,85
35.730.1356	H: 4250 mm	3.227.376,85	198.636,85
35.730.1357	H: 4500 mm	3.279.316,85	203.386,85
35.730.1358	H: 4750 mm	3.324.626,85	208.136,85
35.730.1359	H: 5000 mm	3.371.236,85	212.886,85
35.730.1360	H: 5250 mm	3.515.086,85	217.636,85
35.730.1361	H: 5500 mm	3.564.686,85	222.386,85
35.730.1362	H: 5750 mm	3.640.026,85	227.136,85
35.730.1363	H: 6000 mm	3.695.216,85	231.886,85
35.730.1364	H:6500 mm	3.809.426,85	236.636,85

35.710.-Lift Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.730.1365	H:7000 mm	3.924.546,85	241.386,85
35.730.1366	H:7500 mm	4.039.536,85	246.136,85
35.730.1367	H:8000 mm	4.153.226,85	250.886,85
35.730.1368	H:8500 mm	4.267.696,85	255.636,85
35.730.1369	H:9000 mm	4.382.946,85	260.386,85
35.730.1370	H:9500 mm	4.498.586,85	265.136,85
35.730.1371	H:10000 mm	4.612.016,85	269.886,85
35.730.1400	Step width: 1000 mm, with 9000 passengers/hour capacity.		
35.730.1401	H: 3000 mm	2.873.166,85	174.886,85
35.730.1402	H: 3250 mm	2.944.606,85	179.636,85
35.730.1403	H: 3500 mm	2.999.536,85	184.386,85
35.730.1404	H: 3750 mm	3.072.666,85	189.136,85
35.730.1405	H: 4000 mm	3.263.186,85	193.886,85
35.730.1406	H: 4250 mm	3.345.936,85	198.636,85
35.730.1407	H: 4500 mm	3.396.056,85	203.386,85
35.730.1408	H: 4750 mm	3.409.256,85	208.136,85
35.730.1409	H: 5000 mm	3.468.476,85	212.886,85
35.730.1410	H: 5250 mm	3.543.686,85	217.636,85
35.730.1411	H: 5500 mm	3.593.156,85	222.386,85
35.730.1412	H: 5750 mm	3.694.106,85	227.136,85
35.730.1413	H: 6000 mm	3.823.396,85	231.886,85
35.730.1414	H:6500 mm	3.936.696,85	236.636,85
35.730.1415	H:7000 mm	4.052.206,85	241.386,85
35.730.1416	H:7500 mm	4.167.326,85	246.136,85
35.730.1417	H:8000 mm	4.282.316,85	250.886,85
35.730.1418	H:8500 mm	4.396.916,85	255.636,85
35.730.1419	H:9000 mm	4.511.906,85	260.386,85
35.730.1420	H:9500 mm	4.626.506,85	265.136,85
35.730.1421	H:10000 mm	4.741.756,85	269.886,85
35.730.1450	Escalators with 35-degree escalating angle (For exterior environments): Delivery in working order, including any material and labor, of escalators in compliance with the Machinery Directive 2006/42/EC, TS EN 115-1+A1 standard and CE-certified; with panels in compliance with TS EN 61439-1/2, 0.50 m/s speed, radar sensor, monobloc aluminum entrance and exit steps with min. two horizontal steps, inner panels of railings made of 10-mm tempered glass or satin stainless steel sheet, electronic microprocessor controlled, Programmable Logic Controlled (PLC) or VVVF (Variable Voltage Variable Frequency) control system and an error code indicator display, automatic lubrication system, a carrier structure coated with primer and paneled with 2-mm DKP sheet metal, with sides paneled with satin sheet metal, internal mechanism protected against corrosion (with galvanized drive system, step chain, guide rails), engine and control panel with protection factors, which shall be equipped with physical and electronic measures related to the hazard if an object jams the system. Note: The price of VVVF system is included in the price. If the inner panels of railings is built satin stainless steel sheet instead of tempered glass, Item No. 35.730.1760 shall be added for price difference.		
35.730.1460	Step width: 600 mm, with 4500 passengers/hour capacity.		
35.730.1461	H: 3000 mm	3.642.376,85	174.886,85
35.730.1462	H: 3250 mm	3.670.266,85	179.636,85
35.730.1463	H: 3500 mm	3.734.946,85	184.386,85
35.730.1464	H: 3750 mm	3.829.006,85	189.136,85
35.730.1465	H: 4000 mm	4.083.226,85	193.886,85
35.730.1466	H: 4250 mm	4.183.916,85	198.636,85
35.730.1467	H: 4500 mm	4.253.926,85	203.386,85

35.710.-Lift Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.730.1468	H: 4750 mm	4.334.206,85	208.136,85
35.730.1469	H: 5000 mm	4.402.786,85	212.886,85
35.730.1470	H: 5250 mm	4.432.886,85	217.636,85
35.730.1471	H: 5500 mm	4.504.066,85	222.386,85
35.730.1472	H: 5750 mm	4.561.856,85	227.136,85
35.730.1473	H: 6000 mm	4.582.206,85	231.886,85
35.730.1474	H: 6500 mm	4.695.896,85	236.636,85
35.730.1475	H: 7000 mm	4.810.886,85	241.386,85
35.730.1476	H: 7500 mm	4.926.526,85	246.136,85
35.730.1477	H: 8000 mm	5.041.126,85	250.886,85
35.730.1478	H: 8500 mm	5.156.116,85	255.636,85
35.730.1479	H: 9000 mm	5.270.846,85	260.386,85
35.730.1480	H: 9500 mm	5.385.576,85	265.136,85
35.730.1481	H: 10000 mm	5.500.696,85	269.886,85
35.730.1500	Step width: 800 mm, with 6750 passengers/hour capacity.		
35.730.1501	H: 3000 mm	3.835.556,85	174.886,85
35.730.1502	H: 3250 mm	3.901.926,85	179.636,85
35.730.1503	H: 3500 mm	3.936.966,85	184.386,85
35.730.1504	H: 3750 mm	4.006.456,85	189.136,85
35.730.1505	H: 4000 mm	4.261.196,85	193.886,85
35.730.1506	H: 4250 mm	4.286.876,85	198.636,85
35.730.1507	H: 4500 mm	4.356.756,85	203.386,85
35.730.1508	H: 4750 mm	4.414.936,85	208.136,85
35.730.1509	H: 5000 mm	4.482.866,85	212.886,85
35.730.1510	H: 5250 mm	4.584.856,85	217.636,85
35.730.1511	H: 5500 mm	4.654.216,85	222.386,85
35.730.1512	H: 5750 mm	4.757.376,85	227.136,85
35.730.1513	H: 6000 mm	4.783.446,85	231.886,85
35.730.1514	H: 6500 mm	4.898.696,85	236.636,85
35.730.1515	H: 7000 mm	5.013.816,85	241.386,85
35.730.1516	H: 7500 mm	5.128.676,85	246.136,85
35.730.1517	H: 8000 mm	5.243.276,85	250.886,85
35.730.1518	H: 8500 mm	5.358.266,85	255.636,85
35.730.1519	H: 9000 mm	5.471.826,85	260.386,85
35.730.1520	H: 9500 mm	5.587.336,85	265.136,85
35.730.1521	H: 10000 mm	5.702.586,85	269.886,85
35.730.1550	Step width: 1000 mm, with 9000 passengers/hour capacity.		
35.730.1551	H: 3000 mm	3.948.136,85	174.886,85
35.730.1552	H: 3250 mm	4.054.936,85	179.636,85
35.730.1553	H: 3500 mm	4.123.906,85	184.386,85
35.730.1554	H: 3750 mm	4.155.176,85	189.136,85
35.730.1555	H: 4000 mm	4.343.616,85	193.886,85
35.730.1556	H: 4250 mm	4.406.606,85	198.636,85
35.730.1557	H: 4500 mm	4.477.656,85	203.386,85
35.730.1558	H: 4750 mm	4.622.936,85	208.136,85
35.730.1559	H: 5000 mm	4.648.616,85	212.886,85
35.730.1560	H: 5250 mm	4.757.496,85	217.636,85

35.710.-Lift Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.730.1561	H: 5500 mm	4.827.636,85	222.386,85
35.730.1562	H: 5750 mm	4.933.526,85	227.136,85
35.730.1563	H: 6000 mm	5.004.966,85	231.886,85
35.730.1564	H: 6500 mm	5.120.476,85	236.636,85
35.730.1565	H: 7000 mm	5.235.466,85	241.386,85
35.730.1566	H: 7500 mm	5.350.456,85	246.136,85
35.730.1567	H: 8000 mm	5.465.836,85	250.886,85
35.730.1568	H: 8500 mm	5.580.046,85	255.636,85
35.730.1569	H: 9000 mm	5.694.906,85	260.386,85
35.730.1570	H: 9500 mm	5.810.676,85	265.136,85
35.730.1571	H: 10000 mm	5.925.146,85	269.886,85
35.730.1600	Escalators with 30-degree escalating angle (For exterior environments): Delivery in working order, including any material and labor, of escalators in compliance with the Machinery Directive 2006/42/EC, TS EN 115-1+A1 standard and CE-certified; with panels in compliance with TS EN 61439-1/2, 0.50 m/s speed, radar sensor, monobloc aluminum entrance and exit steps with min. two horizontal steps, inner panels of railings made of 10-mm tempered glass or satin stainless steel sheet, electronic microprocessor controlled, Programmable Logic Controlled (PLC) or VVVF (Variable Voltage Variable Frequency) control system and an error code indicator display, automatic lubrication system, bottom part of the carrier structure coated with primer and paneled with 2-mm DKP sheet metal, with sides paneled with stainless satin sheet metal, internal mechanism protected against corrosion (with galvanized drive system, step chain, guide rails), engine and control panel with protection factors, which shall be equipped with physical and electronic measures related to the hazard if an object jams the system. Note: The price of VVVF system is included in the price. If the inner panels of railings is built satin stainless steel sheet instead of tempered glass, Item No. 35.730.1760 shall be added for price difference.		
35.730.1610	Step width: 600 mm, with 4500 passengers/hour capacity.		
35.730.1611	H: 3000 mm	3.933.056,85	174.886,85
35.730.1612	H: 3250 mm	4.032.056,85	179.636,85
35.730.1613	H: 3500 mm	4.072.166,85	184.386,85
35.730.1614	H: 3750 mm	4.134.506,85	189.136,85
35.730.1615	H: 4000 mm	4.282.126,85	193.886,85
35.730.1616	H: 4250 mm	4.384.116,85	198.636,85
35.730.1617	H: 4500 mm	4.453.866,85	203.386,85
35.730.1618	H: 4750 mm	4.589.916,85	208.136,85
35.730.1619	H: 5000 mm	4.621.706,85	212.886,85
35.730.1620	H: 5250 mm	4.683.266,85	217.636,85
35.730.1621	H: 5500 mm	4.838.946,85	222.386,85
35.730.1622	H: 5750 mm	4.925.856,85	227.136,85
35.730.1623	H: 6000 mm	5.012.376,85	231.886,85
35.730.1624	H: 6500 mm	5.127.886,85	236.636,85
35.730.1625	H: 7000 mm	5.243.396,85	241.386,85
35.730.1626	H: 7500 mm	5.357.736,85	246.136,85
35.730.1627	H: 8000 mm	5.471.686,85	250.886,85
35.730.1628	H: 8500 mm	5.586.286,85	255.636,85
35.730.1629	H: 9000 mm	5.701.536,85	260.386,85
35.730.1630	H: 9500 mm	5.816.136,85	265.136,85
35.730.1631	H: 10000 mm	5.931.126,85	269.886,85
35.730.1650	Step width: 800 mm, with 6750 passengers/hour capacity.		
35.730.1651	H: 3000 mm	3.987.656,85	174.886,85
35.730.1652	H: 3250 mm	4.095.236,85	179.636,85
35.730.1653	H: 3500 mm	4.165.376,85	184.386,85

35.710.-Lift Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.730.1654	H: 3750 mm	4.195.476,85	189.136,85
35.730.1655	H: 4000 mm	4.377.416,85	193.886,85
35.730.1656	H: 4250 mm	4.484.476,85	198.636,85
35.730.1657	H: 4500 mm	4.556.176,85	203.386,85
35.730.1658	H: 4750 mm	4.614.486,85	208.136,85
35.730.1659	H: 5000 mm	4.688.006,85	212.886,85
35.730.1660	H: 5250 mm	4.748.006,85	217.636,85
35.730.1661	H: 5500 mm	4.865.466,85	222.386,85
35.730.1662	H: 5750 mm	4.983.836,85	227.136,85
35.730.1663	H: 6000 mm	5.037.856,85	231.886,85
35.730.1664	H: 6500 mm	5.153.496,85	236.636,85
35.730.1665	H: 7000 mm	5.268.746,85	241.386,85
35.730.1666	H: 7500 mm	5.382.306,85	246.136,85
35.730.1667	H: 8000 mm	5.497.686,85	250.886,85
35.730.1668	H: 8500 mm	5.611.636,85	255.636,85
35.730.1669	H: 9000 mm	5.724.936,85	260.386,85
35.730.1670	H: 9500 mm	5.841.226,85	265.136,85
35.730.1671	H: 10000 mm	5.955.956,85	269.886,85
35.730.1700	Step width: 1000 mm, with 9000 passengers/hour capacity.		
35.730.1701	H: 3000 mm	4.140.406,85	174.886,85
35.730.1702	H: 3250 mm	4.246.946,85	179.636,85
35.730.1703	H: 3500 mm	4.286.666,85	184.386,85
35.730.1704	H: 3750 mm	4.351.476,85	189.136,85
35.730.1705	H: 4000 mm	4.500.526,85	193.886,85
35.730.1706	H: 4250 mm	4.615.256,85	198.636,85
35.730.1707	H: 4500 mm	4.689.556,85	203.386,85
35.730.1708	H: 4750 mm	4.788.556,85	208.136,85
35.730.1709	H: 5000 mm	4.860.126,85	212.886,85
35.730.1710	H: 5250 mm	4.875.406,85	217.636,85
35.730.1711	H: 5500 mm	5.079.576,85	222.386,85
35.730.1712	H: 5750 mm	5.100.316,85	227.136,85
35.730.1713	H: 6000 mm	5.222.846,85	231.886,85
35.730.1714	H: 6500 mm	5.337.446,85	236.636,85
35.730.1715	H: 7000 mm	5.450.876,85	241.386,85
35.730.1716	H: 7500 mm	5.565.996,85	246.136,85
35.730.1717	H: 8000 mm	5.681.246,85	250.886,85
35.730.1718	H: 8500 mm	5.795.716,85	255.636,85
35.730.1719	H: 9000 mm	5.911.226,85	260.386,85
35.730.1720	H: 9500 mm	6.026.736,85	265.136,85
35.730.1721	H: 10000 mm	6.140.036,85	269.886,85
35.730.1750	Side surface paneling of escalators (Unit: m²) Any additional material, including labor, for paneling of the side surfaces of escalators with 1.5-mm-thick DKP sheet metal coated with electrostatic paint.	4.749,68	646,88
35.730.1760	Side surface paneling of escalators (Unit: m²) Any additional material, including labor, for paneling of the side surfaces of escalators or railings with 0.80-mm-thick satin stainless steel sheet.	10.876,58	646,88
35.730.1770	Difference for the third horizontal step: 10% price difference shall be added to the unit price item of Escalator.		

35.710.-Lift Wiring

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.735.1000	PLATFORM ELEVATORS WITH WHEELCHAIR PLATFORM (Unit: Qty.)		
35.735.1100	Enclosed Vertical Lifting Platform (Unit: Qty.) Installation and delivery in working order of an Enclosed Vertical Lifting Platform in compliance with TS EN 81-41 for production and installation safety rules, TS ISO 9386-1 for safety, dimensions and functional operation rules, 2006/42/EC Machinery Directive, released with the CE marking, sized min. 900 x 1,400 (width x depth) with 220 or 380 V operating voltage, 315 kg capacity (min. 1,100 x 1,400 mm and min. 385 kg capacity if the doors are positioned 90° to each other), with automatic doors (locked with at least IP65 protection level) sized 900 x 2000 mm (width x height), maximum 0.15 m/s speed, interior and exterior made of steel structure, made of at least 2 mm DKP sheet metal protected against rust, equipped with a safety brake, overspeed regulator, safety nut, safety stopping device, with inverter system to prevent impacts during departure and stop, buttons with Braille alphabet, with non-slip flooring and protective panel and illumination, which shall operate with a worm gear system, announce the arrived floor with an audible notification, allow the platform to be moved to the floor manually or automatically, and connected to the authorized departments by an intercom or interphone system, and equipped with a control panel, control systems, drive units equipped with leakage current protection and in compliance with the Regulation on Internal Electrical Installations and the Regulation on Regulation on Earthing for Electrical Installations. Note: The item includes two landing doors.		
35.735.1101	max. travel distance: 1500 mm	430.363,90	31.757,90
35.735.1102	max. travel distance: 2000 mm	456.662,90	31.757,90
35.735.1103	max. travel distance: 2500 mm	471.475,20	39.927,20
35.735.1104	max. travel distance: 3000 mm	512.685,20	39.927,20
35.735.1200	Enclosed Vertical Hydraulic Lifting Platform (Unit: Qty.) Installation and delivery in working order, including any material and labor, of hydraulic, enclosed, vertical wheelchair platform with a hydraulic piston, pump, oil tank, tubes, soft starters, leveling drive group, heater and cooler, with a drive cylinder that is 70 mm in diameter, 4-mm sheet metal oil tank, 10-m distance between the oil tank and cylinder, the flow rate limiter valve (burst pipe valve) located at the oil inlet of the cylinder, with the same specifications as the item 35.735.1100 except for other specifications.		
35.735.1201	max. travel distance: 1500 mm	385.773,90	31.757,90
35.735.1202	max. travel distance: 2000 mm	475.772,90	31.757,90
35.735.1203	max. travel distance: 2500 mm	490.975,20	39.927,20
35.735.1204	max. travel distance: 3000 mm	531.795,20	39.927,20
35.735.1250	Straight Stair-type, Foldable Wheelchair Platform: (Unit: Qty.) Installation and delivery in working order of a stair-type, foldable wheelchair platform with a cruising range of 5,000 mm in compliance with the standard TS EN 81-40 for production and installation safety rules, TS ISO 9386-2 for the size and functional operation rules, and the Machinery Directive 2006/42/EC, released with the CE marking, with 225 kg load capacity, 0.07 m/s speed, stainless steel platform, aluminum flooring, plastic side switch panels, with a key, remote control device, emergency stop button, overspeed regulator, and folding chair, which shall emit audible and visual warning while the platform is in motion.	319.349,38	39.849,38
35.735.1270	Travel distance difference for straight Stair-type, Foldable Wheelchair Platform (Unit: m.) Travel distance price difference (per 1 meter)	22.971,00	
35.735.1280	Travel distance price difference for Enclosed Vertical Lifting Platform (Unit: m.) Travel distance price difference (per 1 meter)	29.523,00	
35.735.1290	Additional landing doors for Enclosed Vertical Lifting Platform (Unit: Qty.)	34.883,19	2.591,19



REPUBLIC OF TÜRKİYE
MINISTRY OF ENVIRONMENT, URBANIZATION,
AND CLIMATE CHANGE

Higher Technical Board

1934

DIESEL GENERATOR SETS
AND INSTALLATION
UNIT PRICES AND SPECIFICATIONS

2025

35.740.-Diesel Electric Generator Groups and Installations

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.740.1000	DIESEL GENERATOR SET INSTALLATION: Supply to the work site, installation and delivery in working order of channel ducts, cable heads and additional materials, assembly materials and other materials made of 5 mm checkered sheet metal, manufactured in accordance with the Turkish standards specified in the general provisions and explanations section of the unit price book, the Machinery Safety Directive (2006/42/EC), the Regulation on Noise Emission in the Environment Generated by Equipment Used in Open Areas (2000/14/EC), the Regulation on Electrical Equipment Designed for Certain Voltage Limits (2014/35/EU), placed on the market with the CE conformity mark, capable of providing prime power specified in the TS ISO 8528-1 standard, capable of operating as a continuous power source under variable load at sea level with an average load of 70%, capable of being overloaded by 10% every 12 hours under variable load operation for 24 hours, two or four-stroke diesel engine and its accessories, starting and cooling system, coupled 400/231 volt 50 Hz alternator and its equipment, automatic activation system, a panel with the devices specified in the technical specifications, supply and control cables with a cross-section appropriate to the group power between the alternator and the panel, cable and construction of pipe ducts. Note: 1-±10% modification is acceptable in the alternator power that is specified as kVA below. The price to be added or removed for each changed kVA will be found with the interpolation by using certain lower and upper values. Pricing for intermediate power ratings shall be determined by interpolation. 2-The prices for the generator set, surface-mounted sheet-metal transfer panel, dry-type protective contactor, auxiliary contactor, time delay relay, knife-type fuse (mounted on the transfer panel) for grid input and generator output, signal lamp, and project-specified cables based on power and distance (including underground cable junction boxes and cable ducts), as well as horn-type alarm buzzers (used to signal any operation performed on the control unit), and all cable, junction box, and underground duct components varying by power and distance, shall be paid separately under the relevant unit price items. Note: The automatic switching equipment included in the price of the diesel generator set will comply with the following definition. Supply, installation and delivery in working condition of the automatic activation device (control unit) comprising of electronic circuits that will give light signals in the event of power outage, voltage dropping below or rising above a certain value, and when desired that will activate and deactivate the diesel generator set in specific circumstances promptly or after a certain amount of time, that will give audible and light excitation in the event of a failure or malfunction, that will not be affected by the parallel operation of two groups, that will be able to operate automatically and manually depending on the needs, that can be adjusted in a way to disable the diesel automatically by giving audible and light excitation in case of a drop in the oil pressure and excessive temperature rise or decrease in the cooling water or temperature rise in the cylinder head, that can make 2 or 5 start-ups, that can determine the operation or non-operation, that will have light signal and the mechanism to lock the system in case of malfunction, that will perform emergency shutdown when required, that will stop the system and give light signal in case of an interruption in any of the generator phases, and in case of rising and decreasing engine speed, that will disconnect the load with a light signal in the event of overloading, that will give light signal in the event of feedstock failure, that will not trigger the diesel unnecessarily, that will operate every type of generators. NOTE: The other materials to be used will be paid for separately under the relevant unit prices.		
35.740.1100	Diesel motor cooling with water or air, 1,500 rpm: (Unit: Qty.)		
35.740.1101	10 kVA (Prime power)	198.685,85	15.523,85
35.740.1102	20 kVA (Prime power)	246.716,21	17.536,21
35.740.1103	30 kVA (Prime power)	286.199,71	17.973,71
35.740.1104	36 kVA (Prime power)	303.848,21	18.486,21
35.740.1105	50 kVA (Prime power)	392.518,71	18.998,71
35.740.1106	63 kVA (Prime power)	423.061,18	19.721,18
35.740.1107	75 kVA (Prime power)	448.026,15	20.368,65
35.740.1108	100 kVA (Prime power)	491.925,15	20.881,15
35.740.1109	150 kVA (Prime power)	660.409,63	21.603,63
35.740.1110	200 kVA (Prime power)	817.979,06	22.611,06
35.740.1111	235 kVA (Prime power)	866.895,50	23.843,50
35.740.1112	250 kVA (Prime power)	955.663,95	24.775,95
35.740.1113	300 kVA (Prime power)	1.083.310,45	25.288,45
35.740.1114	350 kVA (Prime power)	1.285.134,86	26.730,86

35.740.-Diesel Electric Generator Groups and Installations

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.740.1115	375 kVA (Prime power)	1.330.951,30	27.663,30
35.740.1116	400 kVA (Prime power)	1.559.099,25	29.333,25
35.740.1117	500 kVA (Prime power)	1.861.712,21	30.568,21
35.740.1118	625 kVA (Prime power)	2.685.305,93	34.517,93
35.740.1119	750 kVA (Prime power)	3.001.544,93	35.392,93
35.740.1120	875 kVA (Prime power)	4.448.501,73	38.487,73
35.740.1121	1000 kVA (Prime power)	4.815.155,41	42.947,41
35.740.1122	1250 kVA (Prime power)	6.665.560,21	46.192,21
35.740.1123	1500 kVA (Prime power)	7.933.987,13	47.997,13
35.740.1124	1750 kVA (Prime power)	9.395.827,55	55.321,55
35.740.5000	SYNCHRONIZATION ASSEMBLY: (Unit: Qty.)		
35.740.5100	Manually Operated (Manual): Delivery of every kind of minor materials including labor in working condition provided to contain plug (button) or selector cam switch, locking lever or console that will ensure parallel connection of two or more groups and that will ensure the selection of the generator to switch on dual voltmeter, dual frequency meter, synchronoscope, null voltmeter, necessary current and voltage measurement transformers.	134.269,00	8.675,00
35.740.5200	Automatic: Automatic synchronization device, two wattmeters (with wattmetric relays), null voltmeter, and other specifications identical to item 35.740.5100.	153.682,50	9.762,50
35.740.5300	Synchronization assembly 1250 - 2000 kVA (Automatic) Note: Diesel, its original coupled alternator, dashboard, automatic switch-on assembly and synchronization assembly will be the original devices specified in the manufacturer company's package insert.	297.121,75	14.643,75
35.740.5400	Soundproof enclosure (Unit: Qty.) It shall protect the generator from the direct effects of outdoor weather conditions (snow, rain, etc.) and ensure its operation under the said conditions. It shall be manufactured from steel sheet with a thickness of at least 1.5 mm. The insulation material shall be in accordance with the TS EN 13501-1 standard, flame retardant, have high sound absorption capacity, have sufficient density to meet the values specified in the Regulation on Noise Emission in the Environment Generated by Equipment Used in Open Areas (2000/14/EC), and shall be fixed to the interior surface of the cabinet(ceiling and side surfaces). Doors will be placed in a way to carry out the maintenance of the machinery from all directions of the cabinet. Suitable gaskets will be installed to prevent the leakage of sound, when the doors are closed. Furthermore, the doors will be made of lockable type. After shutting the sound in the engine as the noise will only remain in the exhaust, exhausts with sound choke chambers will be used. The dimensions will grow based on the power of the generator, the cabinets will be scaled accordingly. Including every kind fasteners, delivery of every kind minor materials including labors in working condition		
35.740.5401	10 KVA	44.054,00	4.625,00
35.740.5402	20 KVA	48.981,75	5.223,75
35.740.5403	30 KVA	52.137,75	5.363,75
35.740.5404	36 KVA	56.744,00	5.550,00
35.740.5405	50 KVA	60.895,25	5.736,25
35.740.5406	63 KVA	74.695,25	5.951,25
35.740.5407	75 KVA	76.480,50	6.137,50
35.740.5408	100 kVA	81.216,75	6.323,75
35.740.5409	150 kVA	109.498,75	6.538,75
35.740.5410	200 kVA	126.411,50	6.837,50
35.740.5411	250 kVA	128.005,75	7.248,75
35.740.5412	300 kVA	152.919,25	7.501,25
35.740.5413	400 kVA	171.708,50	7.687,50
35.740.5414	500 kVA	211.651,25	8.136,25
35.740.5415	625 kVA	254.114,75	8.388,75

35.740.-Diesel Electric Generator Groups and Installations

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.740.5416	750 kVA	270.352,75	8.948,75
35.740.5417	875 kVA	361.650,00	9.350,00
35.740.5418	1000 kVA	366.870,25	10.501,25
35.740.5419	1250 kVA	499.754,75	10.798,75
35.740.5420	1500 kVA	594.099,00	11.725,00
35.740.5421	1750 kVA	760.212,75	13.063,75



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LIGHTNING PROTECTION SYSTEM
UNIT PRICES AND SPECIFICATIONS

2025

35.750.-Lightning Protection System

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.750.1000	LIGHTNING PROTECTION SYSTEM: (TS EN 62305-1/2/4, TS EN IEC 62561-1, TS EN IEC 62561-2)		
35.750.1100	Metallic arrester tip (Unit: Qty.) Supply of a 800-mm-long (40-mm part threaded) arrester tip Ø20 mm in diameter made of solid copper with a tapered end, and a roof-top fastener, connection to the roof-top connectors using the bolted terminal blocks on the copper fastener, screwing the terminal block on the wooden roof-top wedge, and delivery in working order, including any minor material and labor. Note: Arrester tip base included.	4.315,40	1.500,00
35.750.1504	Mean excitation way DL = 60 m.	18.143,75	2.043,75
35.750.1600	Roof-top post (For active arrester tip) (Unit: Qty.) Supply of a 6-meter post made of 80-mm galvanized pipe (1 size), including any accessory material related to the drop wire and securing of the post, and installation of the post without damaging the roof, including the fasteners along the post. If the length of the post exceeds 6 meters, the part exceeding 6 meters shall be charged per the relevant unit price.	6.859,75	2.043,75
35.750.1501	Mean excitation way DL = 15 to 25 m.	15.385,75	2.043,75
35.750.1502	Mean excitation way DL = 30 to 40 m.	16.673,75	2.043,75
35.750.1500	Active arrester tip (Unit: Qty.) Supply, transportation, installation on a post, connection of drop wires, and delivery in working order, including any minor material and labor, of an active lightning arrester head made of non-corrosive materials or materials that bear such characteristics (e.g. stainless steel), resistant to the highest wind speed, in compliance with the TS 13709/T1, (NFC17-102) and (UNE 21.186) standards, CE-certified, and guaranteed for operation for min. 15 years, with an early stream excitation system, high corrosive resistance, min. IP65 protection, and min. 15 µs ΔT excitation time, which can operate smoothly at -40 °C to +120 °C, resist a 100 kA lightning test current class H as per TS EN 62561-1, as described in the relevant technical specifications. NOTE: 1- Type tests of active lightning rod heads shall be conducted by a laboratory accredited by TURKAK or an international organization, and submitted to the Administration. 2- A document certifying that the IP65 protection class test was conducted by an organization accredited by TURKAK or an International organization shall be submitted to the Administration.		
35.750.1503	Mean excitation way DL = 40 to 50 m.	17.219,75	2.043,75
35.750.1650	Lightning counter: (Unit: Qty.) Lightning counter with indicator, without power supply, including connectors, which shall count maximum 100-kA lightning pulses flowing from the drop wire to the earth, hence make it easier to monitor how many times the system has been exposed to lightning discharges, be in compliance with the standards, and installed serially to the test terminal block or to the drop wire 2 m above the ground within the lightning protection systems.	3.363,01	156,56
35.750.1700	Active lightning rod test device (Unit: Qty.) A portable device designed to test the operation of the active lightning rod, indicating whether it operates by the LEDs on the device.	3.655,51	156,56
35.750.2000	Roof surrounding and drop wires (Unit: m) Installation of roof and conductor wiring as described in the specifications, using bare electrolytic solid copper conductors, taking measures against corrosion at points of connection to the arrester tip or earth electrode with pointed or threaded pronged wire clips made of bronze cast or similar materials, thermowelding the attachments of conductors where necessary, including test terminal, any minor material and labor.		
35.750.2001	50-mm ² electrolytic copper conductor	390,33	60,63
35.750.2002	25-mm ² electrolytic copper conductor	218,33	53,13
35.750.2003	Electrolytic copper strip sized 3 x 25 or 4 x 20 mm for drop wire.	572,08	74,38
35.750.3000	Installation of surrounding wires around the building (Unit: m) Installing surrounding wires for the building using the conductors, making a 60 to 80-cm-deep canal around the building, laying the conductor and filling the canal back, connecting to the electrodes with rivets or by welding, including any minor material and labor.		
35.750.3001	50-mm ² solid copper	391,03	60,63
35.750.3002	30 x 3.5-mm galvanized steel flat bars coated with min. 70µ zinc as described in the project design,	163,98	74,38

35.750.-Lightning Protection System

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.750.4000	Earth electrode:		
35.750.4001	Earth electrode (Plate) electrolytic copper: (Unit: Qty.) Supply of 0.5-m ² (0.70 x 0.70 m), 1.5-mm-thick copper sheets to the work site, preparation of pits in any type of soil, burial of the copper sheets, including any material and labor.	6.617,40	750,00
35.750.4002	Earth electrode (bar) electrolytic copper (Unit: m) Supply to the work site of an electrolytic copper bar in compliance with the TS 435/T1 and TS EN IEC 62561-2 standards, Ø20 mm in diameter, screw-mounting of a tapered head on one end to facilitate driving the bar into the ground, supply of the attachment with 4 cm threads if the bar is made up of two pieces, burying the bar min. 60 cm in the ground, connection to the drop conductors and surrounding conductors of the building by thermowelding or special bronze cast retaining clamps, including any minor material and labor.	2.882,40	375,00
35.750.4003	Conductor protecting pipe: (Unit: Qty.) Laying drop wires through 3-m, 20-mm galvanized iron pipe with the 0.5-m within the earth (the part of pipe exceeding 3 m shall be paid separately); Insulation of the conductor within the pipe with PVC or a similar insulator to prevent the part of the conductor within the pipe from contacting the pipe and attachment to the pipe at a point to prevent its operation as a transformer in case of lightning strike; test terminal made of non-corrosive material; supply, installation and delivery including any minor material and labor of all materials.	1.265,50	355,50
35.750.5000	Exothermic welding attachment (copper to copper), (copper to aluminum), (copper to iron) (Unit: Qty.) Attachment of conductors of any section to each other by exothermic reaction of copper oxide powder, including pots, pot pliers, scrapers, brushes, lighters, any material and labor.		
35.750.5001	Up to 32 g welding powder	938,33	388,13
35.750.5002	Up to 65 g welding powder	1.275,48	646,88
35.750.5003	Up to 90 g welding powder	1.632,23	905,63
35.750.5004	Up to 115 g welding powder	1.831,60	1.035,00
35.750.5005	Up to 150 g welding powder	2.188,35	1.293,75
35.750.5006	Up to 200 g welding powder	2.615,10	1.552,50
35.750.5007	Up to 250 g welding powder	3.087,23	1.940,63
35.750.5500	Chemical to reduce earthing resistance: (Unit: kg) Supply, transportation to the work site, and application around the conductors, of the aluminum silicate and carbon-based chemical to be used to reduce the earthing resistance below the values given in the specifications if it is higher.	581,46	156,56



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ACCESS CONTROL SYSTEMS
INSTALLATION
UNIT PRICES AND SPECIFICATIONS

2025

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.800.1000	Crash-Test-Certified Block Barrier (Anti-Terror Road Blocker) System (Unit: Qty.) The crash-test-certified block barrier shall possess, at a minimum, the following specifications: Block barriers shall be subjected to crash tests by an accredited organization in accordance with PAS 68, IWA-14-1 or ASTM 2656-20 standards. A detailed test report, the official test result—both translated into Turkish by a sworn translator—and video footage demonstrating that the block barrier remains operational after the collision shall be submitted. Road blockers may be manufactured within the height and width ranges specified below, based on the design of the tested physical product. The designed products shall only be manufactured by the production facility of the certificate-holding manufacturer. -The laboratory conducting the crash test shall be accredited to carry out tests in accordance with PAS 68, IWA-14-1 or ASTM 2656-20 standards. -For corrosion protection, road blockers shall be coated with a thick epoxy primer and a top coat of UV-resistant RAL 1023 traffic yellow paint, enabling visibility by drivers both day and night. -The front surface shall bear long-lasting reflective strips and a “STOP” warning sign in accordance with EN 12899 and ASTM D4956 standards; the side surfaces shall display warning labels against hand and foot entrapment. -The system shall permit passage of medium-sized heavy-duty trucks in line with technical parameters. -The hydraulic unit shall consist of a high-pressure pump driven by an electric motor to actuate the pistons, There must be an electric directional valve that allows the product to move up or down. -The electric motor powering the hydraulic unit shall be compatible with the mains voltage and frequency specified for Türkiye. -A DC motor and battery system shall be optionally connectable to the hydraulic power unit to ensure continued operation in case of a power outage. -In the event of prolonged power outages, a manual hand pump and valve shall be provided to allow the product to be raised and lowered. -The hydraulic power unit and its components shall be enclosed in a cabinet made of galvanized sheet metal to ensure protection against external factors. There must be a service access hatch in the cabinet, and this hatch must be lockable with a special locking system. -The control circuit shall be capable of controlling the hydraulic power unit and all required accessories, include all necessary equipment, and ensure proper system operation. -Two remote controls shall be supplied with the system. -To warn vehicles and regulate traffic, the system shall include a traffic light of at least IP65 class, minimum 200 mm diameter, red and green LED, with a 304-grade stainless steel body coated with electrostatic powder paint. The traffic light pole shall be hot-dip galvanized and electrostatic powder coated, and controllable via the road blocker control system. -There must be a LOOP detector system for safe operation of the system. shall be installed at the front and rear of the product. Loop detectors shall be active during normal operation but deactivated when the EFO (Emergency Fast Operation) button is pressed. A push-button control system shall be installed in the security booth to operate the road blocker, with at least three buttons for raise, lower, and stop commands. -The system shall be compatible with boom barriers. -Measures shall be taken to prevent vehicle tires from slipping while passing over the road blocker. -The product shall optionally support a display screen, enable recording and monitoring of operating data, and allow this data to be tracked via dedicated software. -The system shall allow installation of an optional EFO function. When the road is open or in the process of opening, in the event of a threat, all safety devices (e.g., photocells, loop detectors) shall be deactivated after pressing the EFO button, and the road shall be closed within 1.5–2 seconds. Once the EFO button is activated, the system shall cease to operate until manually reset. A reset button shall be provided to restore the system to its normal operating mode. -A buzzer system shall warn the user during raising and lowering operations. -The product shall have the capacity to perform at least 300 complete up/down cycles per hour. -The installation manual, user manual, maintenance manual, and an internationally valid crash test certificate shall be delivered with the products at final inspection. All manuals shall be in Turkish. The manufacturer shall provide a written undertaking guaranteeing spare part production for a minimum of 10 years. -Supply of the crash-test-certified block barrier with the above-specified features, its transport to site, and delivery in working order, including all connection elements required for operation, the main supply line up to 20 meters, and all materials and installation. (Excavation, concrete, reinforcement materials, and labor for preparing the site where the barrier will be installed shall be paid under the relevant items.)		

Item No	Job Type	UP+Instal.	Instal. Cost (TRY)
35.800.1100	Block barrier, crash tested with a 6,800–7,500 kg vehicle at 80 km/h, with a height above road surface of 90–100 cm (inclusive) (Unit: Qty.):		
35.800.1110	Width: 300 cm	500.130,10	15.999,71
35.800.1120	Width: 400 cm	569.492,44	17.912,21
35.800.1130	Width: 500 cm	635.782,25	19.824,71
35.800.1200	Block barrier, crash tested with a 6,800–7,500 kg vehicle at 80 km/h, with a height above road surface of 101–110 cm (inclusive) (Unit: Qty.):		
35.800.1210	Width: 300 cm	751.258,84	17.912,21
35.800.1220	Width: 400 cm	874.700,68	19.824,71
35.800.1230	Width: 500 cm	995.231,14	21.737,21
35.800.1300	Block barrier, crash tested with a 12,000 kg vehicle at 80 km/h, with a height above road surface of 100–120 cm (inclusive) (Unit: Qty.):		
35.800.1310	Width: 300 cm	962.629,75	19.824,71
35.800.1320	Width: 400 cm	1.084.893,40	21.737,21
35.800.1330	Width: 500 cm	1.195.967,24	23.649,71
35.800.6100	Sliding Door Motor: (Unit: Qty.) The automatic closing time of the door shall be adjustable. The motor cabinet shall be manufactured from sheet steel of at least 3 mm thickness. The motor shall be capable of smoothly operating sliding doors up to the specified door weights. The motor shall be equipped with thermal protection. The power circuit and the control circuit enabling electronic operation within the mechanism shall not be located on the same board; they shall be provided on separate boards and within separate units. The mechanism body shall be made of aluminum; the edge connected to the frame shall be at least 5 mm thick; the edge to which materials are attached shall be at least 4 mm thick; and rib-forming recesses shall be included to increase load-bearing capacity. The mechanism shall operate reliably within a temperature range of -20 °C to +55 °C. Opening, closing, and standby speeds and times shall be adjustable from the control panel. A manual opening option shall be available in case of emergency. The system shall incorporate Anti-Crush Technology. Provision of a sliding door motor with a minimum protection class of IP44, including transport to site, installation, connections, the main supply line up to 20 meters, and delivery in full working order with all required materials and labor. The price includes a steel rack-and-pinion gear up to 4 meters, at least two remote controls, a photocell safety sensor, a flasher, and at least two coded keys.		
35.800.6105	Up to 300 kg, 24V DC motor, max 200 W	10.793,75	1.293,75
35.800.6110	Up to 300 kg, 230V AC motor, max 250 W	12.293,75	1.293,75
35.800.6120	Up to 600 kg, 24V DC motor, max 350 W	14.815,63	1.565,63
35.800.6125	Up to 600 kg, 230V AC motor, max 500 W	16.315,63	1.565,63
35.800.6130	Up to 1000 kg, 24V DC motor, max 400 W	18.190,63	1.940,63
35.800.6135	Up to 1000 kg, 230V AC motor, max 750 W	20.440,63	1.940,63
35.800.6140	Up to 1000 kg, 380V AC motor, max 1000 W	24.940,63	1.940,63
35.800.6150	Up to 1500 kg, 24V DC motor, max 500 W	20.065,63	2.315,63
35.800.6155	Up to 1500 kg, 230V AC motor, max 1000 W	25.315,63	2.315,63
35.800.6160	Up to 1500 kg, 380V AC motor, max 1250 W	29.815,63	2.315,63
35.800.6170	Up to 2000 kg, 230V AC motor, max 1250 W	31.587,50	2.587,50
35.800.6175	Up to 2000 kg, 380V AC motor, max 1500 W	34.587,50	2.587,50



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