

REPUBLIC OF TURKEY
MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE
General Directorate of Construction Affairs

Seismic Resilience and Energy Efficiency in Public Buildings Project
(P175894)

TERMS OF REFERENCE (TOR)

for

Technical Assistance for Preliminary Seismic and Energy Efficiency Assessment
(Ref: WB/CS-TA-01)

I. Introduction

Exposure and vulnerability to natural hazards, including earthquakes, landslides, and floods threaten sustainable development in Turkey. Among these disasters, earthquakes have claimed the highest number of lives and caused the greatest economic loss, with 76 earthquakes since 1900 resulting in approximately 90,000 fatalities, a total affected population of 7 million, and direct losses exceeding US\$25 billion¹. About half the casualties were due to two earthquakes on the North Anatolian Fault in 1939 and 1999. In the 1999 Marmara earthquakes, which affected 10 cities² in the Marmara Region of Turkey where almost 35 percent of Turkey's GNP was produced, the death toll was over 18,000 with a direct economic impact estimated at US\$5 billion (2.5 percent of GNP). Although less catastrophic, floods and landslides are frequent events in Turkey and result in localized losses. Climate change impacts, such as more intense precipitation, extreme heat and rising sea level, are expected to lead to increased risks to natural disasters, including more frequent and intense flooding in low-lying areas of river deltas and coastal cities and other extreme weather events, such as storms, hail, and tornados.³

Moreover, energy efficiency is critical for Turkey to sustain its economic growth while meeting its commitments for climate change and environmental sustainability. Turkey's energy intensity (that is its energy use per unit of GDP or 158.4 kgoe/€1,000 of GDP in 2018) was about 35 percent higher than that of the EU-28 countries (117.9) but compares favorably with many of its neighboring countries in Eastern Europe and the Balkans (~300-500). However, as energy use per capita in Turkey rises (from 1.31 toe per capita compared with 2.2 in the EU and 4.2 in OECD countries), its energy intensity is expected to grow⁴. This high intensity negatively impacts energy security—Turkey's energy imports have increased in recent years, from US\$37.2 billion in 2017 to about US\$43.0 billion in 2018, and it accounts for almost 19 percent of the country's total imports. It also has a negative impact on the environment, with the energy sector accounting for 72.2 percent of the country's greenhouse gas (GHG) emissions in 2017.

Therefore, it is essential to promote a strategic national approach to increase the energy efficiency and seismic performance in public buildings through an integrated approach that creates a demonstration effect and builds the foundations critical to reach scale and improve the vast building stock in Turkey. To this respect, the Government of Turkey signed a loan agreement in the amount of USD 265 million for the Seismic Resilience and Energy Efficiency in Public Buildings Project (SREEPBP) that will be implemented by the Ministry of Environment, Urbanization and Climate Change (MoEUCC).

¹ Erdik, M. (2013), Earthquake Risk in Turkey, Science Mag, Vol. 341, Issue 6147, pp. 724-725, DOI: 10.1126/science.1238945

² Kocaeli, Sakarya, Yalova, Istanbul, Bursa, Bolu, Eskisehir, Duzce, Karabuk, and Zonguldak

³ Republic of Turkey Ministry of Environment and Urbanization (2018), Seventh National Communication of Turkey under the UNFCCC.

⁴ Eurostat. <https://ec.europa.eu/eurostat/web/main/home>

The General Directorate of Construction Affairs (GDCA) under the MoEUCC has been delegated to assume overall responsibility for the project. This will include the completion of the necessary activities to support project preparation as well as implementation for the six-year project period. In parallel, grant funding has been mobilized from the Global Facility for Disaster Reduction and Recovery (GFDRR) to explore innovative approaches for structural strengthening and EE activities.

The GDCA has established a project implementation unit (PIU) to administer all aspects of the project, including raising awareness about the Project, identification of the vulnerable buildings within the agreed eligibility and prioritization, procurement of the various contractors and Project monitoring and reporting.

II. Project Objectives

The project investments will focus primarily to improve the disaster resilience and energy savings in selected central government buildings and strengthening the policy framework and institutional capacity to develop, finance and implement resilient and sustainable public buildings in Turkey. The project includes three components: (i) investments in Central Government Buildings for seismic strengthening and energy efficiency (EE) improvement; (ii) advanced technical assistance (TA) and capacity building; and (iii) project implementation support.

Through the Project, public buildings such as education buildings (pre-primary and tertiary)⁵, dormitories, hospitals, and public administrative buildings⁶ are selected based on eligibility criteria such as high seismic hazard (i.e. $PGA > 0.4g$), construction year (i.e. before 2007), total construction area (i.e. $A_T > 5000$ m²), presence of prior retrofit interventions within last 10 years and future plans for closure/demolition/privatization will be structurally strengthened and renovated or demolished and reconstructed. The Project will seek to ensure minimum energy performance of the renovated buildings (i.e., Turkish Class C energy performance certificates or higher) and minimum energy savings which will be specified and agreed in the Project Operations Manual (POM). Architectural, mechanical, electrical renovations and some renewable energy (RE) systems (e.g., rooftop solar photovoltaic (PV), ground source heat pumps, solar water heaters, trigenerators) will also be included, subject to their economic viability. For buildings where demolition and reconstruction are necessary, all the new buildings financed by the Project will be disaster and climate resilient and classified Class B or higher, and potentially near-zero energy buildings (nZEB).

III. Scope of Services

Given the list of eligible buildings (hereafter referred to as “Listed Buildings”) in Annex-1, the Consultant will be required to conduct site visits, collect building information data, perform architectural survey and conduct non-destructive tests to identify geotechnical, material and structural characteristics. Based on the gathered information, the consultant shall undertake a preliminary structural assessment and recommend: 1) the buildings found economically and practically feasible for renovation and retrofitting (and thus proceed to the structural and energy audit phase), 2) the buildings best served through demolition and reconstruction, and 3) a prioritization framework.

IV. Description of the Consultants’ Tasks

Task 1: Preparation of Inception Report and Methodology for Preliminary Assessment

⁵Through a parallel Project – Disaster Risk Management in Schools (P157683), the Bank is supporting disaster resilience and energy efficiency interventions in primary and secondary schools under the Ministry of National Education.

⁶This Project will not include any government buildings associated with law enforcement, justice, or the military (i.e. police buildings, courthouses etc.) and dormitories for police, gendarme, or military personnel)

The Consultant should submit an inception report no later than one month after signing the contract. Inception Report should summarize the review of documentation undertaken by the Consultant and specifies the evaluation methodology determining thereby the exact focus and scope of the services. Consequently, the Consultant is expected to deliver the Inception Report as one of the key deliverables and it will be the first step of the assignment. The inception report should include but not be limited to:

- **Background and Context:** Briefly sketch the overall concept and management of the assignment. Include information such as the project background, assignment objectives, timeframe and invested resources. If multiple actors are involved in the process, the report should specify who and to which extent.
- **Methods of Data Collection:** Introduce all data collection methods, devices, qualifications of the crew that the consultant will utilize for on-site data collection including but not limited to:
 - Method of architectural and layout survey and specifications of the devices to be used (i.e., mobile LIDAR, drone, etc.)
 - Specification and calibration information of non-destructive test devices such as Schmidt hammers and metal detectors to be used for material characterization
 - Description of geotechnical tests
 - Description of Structural Health Monitoring (SHM) testing: device specifications, validations, qualification of the crew using the equipment, etc.
- **Methods of Data Analysis:** Introduce methods and software that will be applied for post-processing the obtained data sets from on-site measurements and surveys.
- **Assessment and Analysis Strategy:** Define your approach on structural analysis and assessment by clarifying issues such as modeling of the earthquake shaking, modeling of the structure, choice of analysis technique, modeling of the capacity of structural elements, selection of performance criteria and thresholds for acceptable seismic risk.
- **Cost Estimate Methodology:** Describe details of the calculation methodology for retrofitting, renovation and reconstruction elements and provide details on the cost and benefit elements of the proposed cost-benefit analysis. Clearly indicate all the references and assumptions.
- **Method on the prioritization of the facilities:** Explain prioritization methodology including similar risk assessment and prioritization studies and practices on the local as well as global scale. Consider the seismic, geographic, demographic conditions, social and environmental factors. Provide the type of data needed to apply prioritization methodologies and assess the availability of such data.
- **Report Format:** Describe the outlines of reports defined in Table 4.
- **Logistics and Support needed from the Client:** specify all the assistance and arrangements needed for the accomplishment of Consultants' Tasks defined for the Listed Buildings. Occupational health and safety plan (OHS): Plan (that will be prepared in line with the national laws, Environmental and Social Management Framework [ESMF] and the Labour Management Procedures [LMP] of the Project)⁷ will include work specific hazards and risks and the OHS measures that will be taken to ensure the safety of the project team, workers and people benefiting from the building.
 - **Work Plan:** Provide the timeline for the assignment if needed with revisions, to reflect the details on the activities following the inception report (data collection, data analysis, and

⁷ For relevant documents please see <http://kamuguclendirme.csb.gov.tr>

reporting) with their key deliverables.

Task 2: Conduct Field Evaluations

The Consultant should conduct field evaluations to collect building information data. The Consultant shall confirm the planned date for onsite visits, collect building information data (including environmental and social characteristics of the surrounding area), and conduct measurements aimed at identification of structural characteristics using best practice techniques excluding destructive tests which are not allowed in this assignment, and interview with key informants. During the stakeholder engagement activities to be carried out within the scope of the assignment, the Consultant should also follow the engagement methodologies provided within the Stakeholder Engagement Plan (SEP)⁸ prepared for the Project. Any kind of stakeholder engagement should be in line with the general principles and collaborative strategies set out in the SEP.

Within the scope of Task 2 the consultant shall:

- Retrieve available existing architectural/structural plan drawings, layout plans, structural/retrofit design reports, geotechnical reports, other plans (structural, electrical, mechanical, infrastructural (water supply and sewerage, etc.), building energy performance certificates, any assessments on multi-hazard risk for the site and cross-check the validity of the existing plans (architectural, structural, electrical, mechanical, etc.) through site audits. The client will provide, if necessary, the respective legal permissions in a written form required for access to the official documents. The reports and drawings shall be scanned, archived and returned to the relevant authority.
- Check any available information and data on the previous interventions for the buildings including the conversion, rehabilitation, expansion, renovation and the others. The consultant shall also visually monitor and identify sign of structural damages and deterioration.
- Conduct rapid visual screening of the Listed Buildings and fill out the “Building Visual Survey Data Collection Form” illustrated in Annex-2 considering potential seismic hazard, energy efficiency, social and environmental aspects such as the number of people benefiting from the building, whether the building is environmentally friendly or not and also identify presence and quantity of any hazardous materials etc. (specifically asbestos and mercury containing lightbulbs). The rapid visual screening should be conducted under the supervision of the Structural Engineer defined in Table 5.
- Carry out fieldwork to prepare existing plan drawing of all stories including the basement. The utilization of mobile LIDAR (Light Detection and Ranging) technology for the layout and architectural surveys are favored considering the ease of minimizing disturbance to residents, reduction in operation time, reliability, 3-D scanning and possible future use of the recorded data. No matter which surveying technique is preferred, the architectural survey shall at least include:
 - Site Layout plan including all buildings within the parcel/campus supported by air photos. Corner coordinates of the Listed Buildings shall be identified on the layout/general layout plan;
 - Identification of the bearing axes and structural elements (location, section dimensions and orientation of beams, columns, load-bearing walls) on the plan;
 - The type and dimensions (i.e., thickness) of the structural slab, story heights of all

⁸ For relevant documents please see <http://kamuguclendirme.csb.gov.tr>

- stories and presence of openings on the slab;
- The location, material, thickness and openings (location and dimension) of infill walls; and
- Architectural plan drawings of all stories shall be provided to the Client in dwg and pdf formats. In case LIDAR was used, 3D point cloud data from LIDAR scanning shall also be delivered.
- Conduct field tests for material characterization:
 - Conduct non-destructive material tests (i.e. rebound tests via Schmidt hammer, electronic pulse velocity, etc.) and convert readings to concrete cylinder strength.
 - Refer to RYTEİE2019⁹ section 4.1.8 for the minimum number of tests to be conducted for columns and shear walls (i.e., at least %20 of columns and shear walls at critical story shall be tested and the number of tested columns and shear walls shall not be lower than 12 and 6, respectively).
 - Plaster shall be removed from the member surface and at least ten hammer readings shall be taken from each member.
 - Remove concrete cover locally in one of the inspected columns and shear walls with the most repeated section geometry to identify the type (i.e., plain or deformed), the diameter and the presence of corrosion on longitudinal and transverse steel bars. Use metal detectors to identify the spacing of longitudinal and transverse reinforcement for the inspected column and the shear wall.
 - Disturbed plaster and paint should be reinstated to the previous state.
 - For masonry buildings, plaster shall be removed from a randomly selected wall at each story and the type of brick unit shall be identified.
 - A testing report shall be prepared for material characterization including but not limited to:
 - The time, date, and place of tests
 - The name and title of the person performing tests
 - Labeling of investigated structural members and identification of their location on the plan
 - On-site photograph of each test
 - Definition of the test procedure and utilized devices
- Conduct non-destructive geotechnical tests (i.e., MASW-Multichannel Analysis of Surface Waves) to determine shear wave velocity at the upper 30m of the soil (V_{s30}) to be used in the definition of soil class according to Table 16.1 – Local Soil Class of TEC2018¹⁰. Geotechnical investigations shall be conducted at least on two sides of the building, field photos shall be taken during testing and testing locations shall be identified on the layout plan.
- Use structural health monitoring (SHM) for the dynamic identification of fundamental structural periods associated with orthogonal main axis directions as well as torsion under ambient vibrations. Since it is aimed to make the measurements as fast and practical as possible, it is recommended to use a single multi-channel sensor in structures with a regular plan and symmetrical structural designs, whereas using a second sensor placed as

⁹ RYTEİE2019, MoEU Provisions for Identifying Buildings under Seismic Risk, RG-16/2/2019-30688.

¹⁰ TEC2018, Turkish Building Earthquake Code, Disaster and Emergency Management Presidency, 2018.

far as possible from the first sensor in structures with a non-symmetrical design where torsion is expected.

- Accelerometers to be used for the dynamic characterization shall meet the criteria specified in Table 2 of YSISUY2020¹¹ (i.e., dynamic range > 144 dB+, frequency range 0.01 – 200 Hz, noise level < 1 µg RMS, operational range +/- 2g) and shall be validated by reputable institutions possessing shake table testing setups (i.e., Bogazici University, ITU, etc).
- Accelerometers shall be attached to structural members (i.e., slab, column, shear wall, beam) via screw anchors and their measurement directions shall be aligned with the main axis directions of the building.
- The duration of ambient vibration measurement shall be at least 30 minutes with 200 samples per second recording frequency. Real-time analysis of recorded data on the field through a software module shall be used for the confirmation of data health and quick checking of the natural frequencies.
- In case more than one accelerometer is used, a proper synchronization between the sensors shall be achieved (i.e., cable connection to a data acquisition system, NTP synchronization, etc.)
- A testing report shall be prepared including but not limited to
 - Information on the brand, model and technical features of used equipment
 - Location of the installed accelerometers on the plan, measurement directions and relationship between measurement directions and actual geographic directions
 - Synchronization method and data recording time
 - Methods utilized in post-processing of the recorded data
 - Graphs of Acceleration-time data converted to a suitable unit (g, m/s²)
 - Graphs (FFT or PSD) of the data converted to frequency space
 - Detected modal frequencies
 - Raw and processed data in spreadsheet format (i.e. xlsx)
- Collect the required energy efficiency related data and carry out a visual inspection to identify energy use and efficiency related conditions of the existing building.
 - Confirmation of the building area (heated area) in m²
 - Energy use for the last full calendar year: Electricity consumption and cost, fuel/natural gas consumption and cost. Calculation of total final energy consumption per m² and year
 - Inspection of past energy efficiency upgrades, and if yes, the type of upgrades and the year completed
 - Age of heating and cooling systems, description of HVAC system, and availability of Building Management System (BMS)
 - Building lighting fixture type
 - Existence of thermal insulation on walls and the roof

¹¹ YSISUY2020, SHM System Implementation Guideline, Disaster and Emergency Management Presidency, 2020.

- Existence of renewable energy generation (solar PV, solar thermal heating)
- Types and status of windows (e.g., single or double pane)
- Any issues associated with equipment failure, underheating/undercooling, indoor air quality, ventilation, or humidity concerns
- The Consultant shall submit a Building Data Report for each building listed in Annex-1 to the Client. A sample report outline is given in the table below.

Table 1. Building Data Report Outline

Report Section	Required Content
Introduction	<ul style="list-style-type: none"> ● A concise outline in simple language, describing the investigated building including: <ul style="list-style-type: none"> ○ Major structural, energy efficiency, social and environmental properties ○ A brief summary of serious concerns if applicable ○ Date of construction, additions, major repairs ○ Current and/or proposed use, changes in use
Data Collection	<ul style="list-style-type: none"> ● Should include all documents such as data and reports for non-destructive material/system/geotechnical tests, plans, forms, field sketches, photographs, energy efficiency or other related data described within Task-2 as well as all the existing building documents (drawings, reports, etc.)

Task 3: Perform Preliminary Engineering Assessment

Based on the information collected during the site visit, the Consultant shall:

- Conduct a preliminary engineering analysis, which was predefined and approved in the Task 1, using gathered data from Task 2.
- Review critical operational and functional characteristics of adjacent buildings, if exists.
- Propose conceptual retrofitting solutions based on seismic loading and performance criteria and supported by 2D or 3D conceptual designs
- Check the adequacy of the developed conceptual retrofitting solution considering the predefined seismic risk thresholds. If the conceptual retrofitting solution is found inadequate, propose another conceptual retrofitting solution
- Whether it is utilized as a performance parameter or not, inter-story drift values for the target performance level of the existing and retrofitted buildings according to TEC2018 shall be provided.
- Prepare an estimated cost comparison and benefit-cost analysis:
 - Estimate replacement cost for each building, and indicate ratio of retrofitting cost to replacement cost; for the essential performance criterion stated in the last updated Turkish Earthquake Code.
 - Compare costs considering approximately 0.40 in general as an acceptable ratio of the cost of retrofitting to the cost of replacement.
 - Estimate benefit-cost analysis in accordance with the benefit and cost elements determined in cooperation with Client.
- Submit a Preliminary Engineering Assessment Report for each building listed in Annex-1 to the Client. The report shall include recommendation of buildings that are economically and practically suitable for
 - Retrofitting by renovation or,

- Reconstruction through demolition.
- Preliminary engineering assessment defined in Task 3 shall be conducted under the supervision of an Academic Advisor whose qualification is defined in Table 5. The executive summary of the report shall be signed by the Academic Advisor.

A sample report outline is given in the table below.

Table 2. Preliminary Engineering Assessment Report Outline

Report Section	Required Content
Executive Summary	<ul style="list-style-type: none"> • State the purpose and major points of the report, describe any results, conclusions, or recommendations.
Scope of Work	<ul style="list-style-type: none"> • A point-by-point description of what has been completed in the assessment
Building Description	<ul style="list-style-type: none"> • Should generally include the following: <ul style="list-style-type: none"> ▪ Major structural, energy efficiency, social and environmental properties ▪ Dates of construction, additions, major repairs ▪ Current and/or proposed use, changes in use
Methodology	<ul style="list-style-type: none"> • Usually technical in nature • Describes briefly the type of analyses, assumptions, and performance thresholds which the assessment is based. • Provides details on how standards, guidelines and research are used or relied upon in the assessment
Document Review	<ul style="list-style-type: none"> • Outlines all the existing building documents used in the assessment
Field Evaluation	<ul style="list-style-type: none"> • Describes the observations and data collected
Analysis	<ul style="list-style-type: none"> • Presents the results of the preliminary engineering analysis including estimated cost comparison and benefit-cost analysis
Discussion and Preliminary Retrofitting Design	<ul style="list-style-type: none"> • Provides more detailed explanation and interpretation of, or comments on, the assessment findings
Conclusions and Recommendations	<ul style="list-style-type: none"> • Includes a summary of the significant facts or findings of the assessment (including the outcomes of the key informant interviews) • Includes recommendations to address the structural and/or energy efficiency concerns identified in the assessment, and alternative levels of upgrade • Clearly states any Immediate Actions and other requirements
Appendices	<ul style="list-style-type: none"> • Can include relevant background documents, such as field sketches, photographs, data and evaluation results

The Consultants shall provide and submit with the Preliminary Engineering Analysis Report all the available executable structural analysis software files (i.e., Etaps, Sap2000, Protastructures, Sta4cad, etc.), worksheets (i.e., Excel, Matlab, Matcad, etc.) utilized for preliminary assessment calculations.

Task 4: Development of a Prioritization Framework

The Consultant shall develop a clear and evidence-based selection and prioritization framework with the integration of multi-hazard and functional upgrades with structural strengthening measures to increase effectiveness, sustainability, and energy efficiency co-benefits. Developing a prioritization framework for sequencing of retrofitting or reconstruction of eligible all recommended public buildings under this contract package, is essential for a larger and longer intervention and investment strategy for public assets through the development of an investment plan. According to this objective, the Consultant shall:

- Provide an analytical/prioritization framework including recommendation of sub-indices related to vulnerability, cost-efficiency, social and other factors, to establish overall indexing for eligible types of public buildings. These indices will inform the sequencing

process to identify the potential batches of public buildings to be considered by MoEUCC in a potential scale-up of the Project investments.

- Support to develop a prioritized list of retrofitting and re-construction investments to strengthen critical facilities, and infrastructure in the public building sectors based on outcomes gathered from field evaluations and preliminary condition assessment.

V. Timeline

This assignment is expected to initiate in the third quarter of 2022 and be finalized in a period of 12 months. The Consultant shall submit all the documents in a timely manner to complete the services on time without any delay. To achieve this, the Consultant shall carry out the necessary arrangements in field/home teams. The Client shall give a decision within 28 days of receipt of a review or approval request. A tentative time schedule for the completion of the consultants' services (including Client's review and approval durations) for the various parts of the Project is given below:

Table 3. Tentative Timeline

N°	Deliverables/Tasks	Months												
		1	2	3	4	5	6	7	8	9	10	11	12	
1	Inception Report													
2	1 st Group of Buildings (İstanbul & Bursa)													
3	2 nd Group of Buildings (Manisa & İzmir & Denizli & Muğla)													
4	Development of a Prioritized Framework and List (Group 1 & 2)													
5	3 rd Group of Buildings (Elazığ & Tunceli & Erzurum)													
6	4 th Group of Buildings (Hatay & Kahramanmaraş)													
7	Submission Prioritized List (Group 3 & 4)													

Inception Report
 Field Evaluation Task
 Preliminary Engineering Analysis
 Development of a Prioritization Framework

VI. Reporting Requirements and Time Schedule for Deliverables

The deliverables for each task will be submitted to and approved by the Client. The Consultant must obtain approval for each deliverable before moving to subsequent tasks. The table below summarizes the deliverables and includes an indicative timeline. The deadlines stated in the table mean calendar days after the effectiveness of the contract.

Table 4. Table of Deliverables for each Building

Task	Deliverable	Deadline	Submission Requirement
1	Inception Report	30 days	<ul style="list-style-type: none"> • Deliverables shall be initialed (executive summary sections shall be signed, if exists) and prepared in one hard copy in Turkish. Only the executive summary sections shall be prepared in both English and Turkish • Electronic copies of all Deliverables shall be submitted with an External SSD
2	All Deliverables for Group 1 & 2	270 days	

2.1	<i>Building Data Reports for each Building (Group 1 & 2)</i>	150 days	<ul style="list-style-type: none"> All Deliverables shall be uploaded into the online platform which the Client addresses
2.2	<i>Preliminary Engineering Analysis Report for each Building (Group 1 & 2)</i>	210 days	
2.3	<i>Submission of Prioritization Framework and List (Group 1 & 2)</i>	270 days	
3	All Deliverables for Group 3 & 4	365 days	
3.1	<i>Building Data Reports for each Building (Group 3 & 4)</i>	240 days	
3.2	<i>Preliminary Engineering Analysis Report for each Building (Group 3 & 4)</i>	300 days	
3.3	<i>Submission of Prioritization List (Group 3 & 4)</i>	365 days	

The consultant can submit all deliveries in SSD(s) (Solid State Drive) with sufficient capacity. The metric system of weights and measures shall be used. The drawings shall be submitted in A1 paper size (unless otherwise required or agreed) and include drawings in PDF and AutoCAD format, labeling, grouping and details as required by the Client. The plot size, parcel, map sheet for all buildings shall be listed and integrated into the drawings and other required documents.

As indicated in the General Conditions of Contract all the drawings, reports, plans, specifications, and any other documents produced under this Contract are the property of the Client and therefore the Consultants shall also submit all the originals of the drawings and the other documents in required format.

VII. Facilities provided by the consultant

The Consultant must ensure that its professional staff has adequate support and equipment. All costs for equipment and administrative and logistic support must be covered by the Consultant and included in the bid price, including:

- All costs arising from the activities of its staff during the contract period, including accommodation, allowances, transportation, insurance, etc.
- Automotive, equipment, equipment for field and lab tests, office supplies, hardware and software (software for modeling and static/dynamic analysis of critical structures) etc.
- All communication costs, including fax, email, telephone, etc.
- All the equipment, instruments, services and logistical support required for the implementation of the contract, and any costs incurred during its preparation of documents and drafts, copying, printing, qualified translation, interpretation etc.
- Technical equipment at the monitoring site.
- Appropriate approvals, permissions and precautions shall be taken to protect the health and safety of workers during field works. Employees shall work using personal protective equipment suitable for the job after receiving occupational safety training.

VIII. Support to be provided by the client to the consultants

- The Client provides only the Listed Buildings in Annex-1.
- If any delay or no response received from the beneficiary or other third parties during the execution of aforementioned tasks, the Consultant shall inform the Client in a timely manner with indicating the possible grounds. The Client will accelerate the process or give consent to proceed the task.

IX. Consultant's Profile, Team Composition & Qualification Requirements for the Staff

The Consultant shall provide experienced staff with proven technical and managerial competence and experience in the structural and energy efficiency assessments, related to the latest Turkish Earthquake Code and Energy Performance Regulation in Buildings. The Consultant shall separately indicate the task assignments for each staff.

i) Consultant's Profile:

The Consultants should be in consulting business, have similar previous experience in the scope of services, demonstrate sound administrative and financial capacity and availability of the key experts for the performance of the services described in this TOR.

The attention of interested Consultants is drawn to Section III, paragraphs, 3.14, 3.16, and 3.17 of the World Bank's "Procurement Regulations for IPF Borrowers" November 2020 and The Bank's 'Guidelines on Preventing and Combating Fraud and Corruption in Projects Financed by IBRD Loans and IDA Credits and Grants,' (revised as of July 01, 2016) ('Anticorruption Guidelines').

Consultants may associate with other firms to enhance their qualifications but should indicate clearly whether the association is in the form of a joint venture and/or a sub-consultancy. In the case of a joint venture, all the partners in the joint venture shall be jointly and severally liable for the entire contract, if selected.

ii) Team Composition:

The working language of the project is English. All the team members assigned by the Consultant must possess proficiency in the English language. Day-to-day communication language will be Turkish or English at the field level to ensure smooth communication among all participants, direct and indirect of the Project.

All key experts and support staff shall be mobilized immediately after the contract signature. Key and support staff qualifications shall include but not be limited to the following table.

All expatriate staff who will work in Turkey should obtain a work permit and all who are resident for more than 90 days should obtain a non-resident visa. The consultant will obtain all required permits, visas for all expatriate staff at his own cost. Furthermore, the Consultant will be responsible to ensure that all proposed personnel are eligible to obtain such permits and visas. The information related to visas can be obtained from the embassies and consulates of Turkey. The Client will assist the consultant for the issue of work permits. The Consultant is required to obtain all the necessary permits, approvals, payment of all fees and contributions, as well as all the other elements necessary for the work of his professional staff who is engaged at his own expense for the performance of this Contract.

Table 5. Qualification Requirements of the Staff

All Tasks: <i>Technical Assistance for Preliminary Engineering Analysis</i>	
[KE.1] - Project Manager (1)	Civil Engineer with minimum fifteen (15) years of professional experience includes at least ten (10) year experience in similar works and five (5) years working experience in a manager position.

[KE.2-3] - Deputy Project Manager (2)	Civil Engineer with minimum fifteen (10) years of professional experience includes at least ten (5) year experience in similar works
[KE.4] - Chief Structural Engineer (1)	Civil Engineer (Structural Engineer Ph.D.) with a minimum of ten (10) years of professional experience, includes at least five (5) year experience in similar works and specialized in structural engineering of superstructures.
[KE.5-6-7] - Structural Engineer (3)	Civil Engineer (Structural Engineer M.Sc. or above) with a minimum of ten (10) years of professional experience, includes at least five (5) year experience in similar works and specialized in structural engineering of superstructures.
[KE.8-9] - Architect (3):	Architect with a minimum of ten (10) years of professional experience, includes at least five (5) years of experience in similar works.
[KE.11] - Mechanical Engineer (1):	Mechanical Engineer having ten (10) years of professional experience including five (5) years of similar works experience and also energy manager or audit-project certification given by Ministry of Energy and Natural Resources is mandatory.
[KE.12] - Electrical Engineer (1):	Electrical Engineer having ten (10) years of professional experience including five (5) years of similar works experience and also energy manager or audit-project certification given by Ministry of Energy and Natural Resources is mandatory.
[KE.13] - Geotechnical Engineer (1)	Civil Engineer (Geotechnical Engineer M.Sc or above) with a minimum of ten (10) years of professional experience, includes at least five (5) year experience in similar works and specialized in structural engineering of superstructures.
[KE.14] - Cost and Planning Engineer (1)	University degree in engineering with minimum five (5) years of professional experience including at least two (2) years' specific experience on development of project specifications, time schedules and budgets in public buildings.
[KE.15] - Environmental & Social Specialist (1)	University degree in engineering with minimum five (5) years of professional experience including at least three (3) years' experience in environmental and social impact/risk assessment, preparation of environmental and social assessment tools (Environmental and Social Management Plan (ESMP), Environmental and Social Impact Assessment (ESIA), etc.) and knowledge in environmental and social safeguard policies and Environmental and Social Standards (ESSs) of the World Bank's Environmental and Social Framework (ESF) or other international development institutions.in public buildings
[KE.16] - Academic Advisor (1)*	Professor/Authority/University Experts with the appropriate and specialized qualifications in the area of preliminary seismic assessment from Bosphorus University, Hacettepe University, Istanbul Technical University, Karadeniz Technical University, Middle East Technical University, or from any other national or international universities or institutes who have published at least 1 paper on specified areas in a journal listed in the web of science database.
[TS] - Technical Support Staff	Support staff for the technical services shall be proposed additionally as required (Engineers, Architects, Surveyors, Technicians, etc.)
[AS] -Administrative Support Staff	Support staff for the administrative services shall be proposed additionally as required (clerks, drivers, secretary, etc.)
<p>* Should the nominated persons be unacceptable to the Client, the Consultants shall be required to nominate other persons for acceptance at any time during the Services.</p> <p><u>Similar Works Experience</u> includes; structural and energy efficiency assessment experience in public building types given in Annex-1.</p>	

Annex-1: Building List

Annex-1
List of Buildings covered under the Assignment

CAM PUS N°	BUILDING	REGION	PROVINCE	DISTRICT	TYPE of BUILDING	BUILDING NAME	OWNERSHIP	CONST. YEAR	AREA (m ²)
1	1	Mediterranean	Kahramanmaraş	Dulkadiroğlu	Dormitory and Social Facilities	Kahramanmaraş Erkek Yurdu (A, B, C, D Blok)	GENÇLİK VE SPOR BAKANLIĞI	1997	18000
2	2	Mediterranean	Kahramanmaraş	Onikişubat	Health	Necip Fazıl Şehir Hastanesi Kadın Doğum Ve Çocuk Hastalıkları Ek Hizmet Binası Güney, Kuzey, Orta Blok	Sağlık Bakanlığı	1990	18000
3	3	Mediterranean	Kahramanmaraş	Onikişubat	Educational Settings	Yemekhane	Kahramanmaraş Sütçü İmam Üniversitesi Rektörlüğü	1992	1500
3	4	Mediterranean	Kahramanmaraş	Onikişubat	Educational Settings	Fen Edebiyat Fakültesi Dekanlığı	Kahramanmaraş Sütçü İmam Üniversitesi Rektörlüğü	1995	6000
3	5	Mediterranean	Kahramanmaraş	Onikişubat	Educational Settings	Fen Edebiyat Fakültesi B Blok	Kahramanmaraş Sütçü İmam Üniversitesi Rektörlüğü	1995	6000
3	6	Mediterranean	Kahramanmaraş	Onikişubat	Educational Settings	Fen Edebiyat Fakültesi C Blok	Kahramanmaraş Sütçü İmam Üniversitesi Rektörlüğü	1995	6000
3	7	Mediterranean	Kahramanmaraş	Onikişubat	Educational Settings	Fen Edebiyat Fakültesi D Blok	Kahramanmaraş Sütçü İmam Üniversitesi Rektörlüğü	1995	6000
3	8	Mediterranean	Kahramanmaraş	Onikişubat	Educational Settings	Ziraat Fakültesi B Blok	Kahramanmaraş Sütçü İmam Üniversitesi Rektörlüğü	1995	740
3	9	Mediterranean	Kahramanmaraş	Onikişubat	Educational Settings	Fen Edebiyat Fakültesi Dekanlık Ek Bina	Kahramanmaraş Sütçü İmam Üniversitesi Rektörlüğü	1995	4000
3	10	Mediterranean	Kahramanmaraş	Onikişubat	Educational Settings	İktisadi ve İdari Bilimler Fakültesi E1 Blok	Kahramanmaraş Sütçü İmam Üniversitesi Rektörlüğü	1995	1950
3	11	Mediterranean	Kahramanmaraş	Onikişubat	Educational Settings	İktisadi ve İdari Bilimler Fakültesi G3 Blok	Kahramanmaraş Sütçü İmam Üniversitesi Rektörlüğü	1995	2250
3	12	Mediterranean	Kahramanmaraş	Onikişubat	Educational Settings	İktisadi ve İdari Bilimler Fakültesi G2 Blok	Kahramanmaraş Sütçü İmam Üniversitesi Rektörlüğü	1995	2250
3	13	Mediterranean	Kahramanmaraş	Onikişubat	Educational Settings	Ziraat Fakültesi A Blok (Tarım Ürünleri Satış Merkezi)	Kahramanmaraş Sütçü İmam Üniversitesi Rektörlüğü	1995	960
3	14	Mediterranean	Kahramanmaraş	Onikişubat	Educational Settings	İktisadi ve İdari Bilimler Fakültesi G4 Blok	Kahramanmaraş Sütçü İmam Üniversitesi Rektörlüğü	1995	3000
3	15	Mediterranean	Kahramanmaraş	Onikişubat	Educational Settings	KSÜ İktisadi ve İdari Bilimler Fakültesi G1 Blok	Kahramanmaraş Sütçü İmam Üniversitesi Rektörlüğü	1995	2250
3	16	Mediterranean	Kahramanmaraş	Onikişubat	Educational Settings	Ziraat Fakültesi S Blok	Kahramanmaraş Sütçü İmam Üniversitesi Rektörlüğü	2007	320
3	17	Mediterranean	Kahramanmaraş	Onikişubat	Educational Settings	İktisadi ve İdari Bilimler Fakültesi E2 Blok	Kahramanmaraş Sütçü İmam Üniversitesi Rektörlüğü	1995	1650
3	18	Mediterranean	Kahramanmaraş	Onikişubat	Educational Settings	Ziraat Fakültesi E2 Blok	Kahramanmaraş Sütçü İmam Üniversitesi Rektörlüğü	1995	3360
3	19	Mediterranean	Kahramanmaraş	Onikişubat	Educational Settings	İktisadi ve İdari Bilimler Fakültesi E3 Blok	Kahramanmaraş Sütçü İmam Üniversitesi Rektörlüğü	1995	1650
3	20	Mediterranean	Kahramanmaraş	Onikişubat	Educational Settings	Ziraat Fakültesi E1 Blok	Kahramanmaraş Sütçü İmam Üniversitesi Rektörlüğü	1995	3360
3	21	Mediterranean	Kahramanmaraş	Onikişubat	Educational Settings	Ziraat Fakültesi D2 Blok	Kahramanmaraş Sütçü İmam Üniversitesi Rektörlüğü	1995	2480
3	22	Mediterranean	Kahramanmaraş	Onikişubat	Educational Settings	Ziraat Fakültesi F1 Blok	Kahramanmaraş Sütçü İmam Üniversitesi Rektörlüğü	1995	2520

CAM PUS N°	BUILDING	REGION	PROVINCE	DISTRICT	TYPE of BUILDING	BUILDING NAME	OWNERSHIP	CONST. YEAR	AREA (m²)
3	23	Mediterranean	Kahramanmaraş	Onikişubat	Educational Settings	Ziraat Fakültesi F2 Blok	Kahramanmaraş Sütçü İmam Üniversitesi Rektörlüğü	1995	3360
3	24	Mediterranean	Kahramanmaraş	Onikişubat	Educational Settings	Ziraat Fakültesi D1 Blok	Kahramanmaraş Sütçü İmam Üniversitesi Rektörlüğü	1995	2480
3	25	Mediterranean	Kahramanmaraş	Onikişubat	Educational Settings	Ziraat Fakültesi I Blok Toplantı Ve Konferans Salonu	Kahramanmaraş Sütçü İmam Üniversitesi Rektörlüğü	2007	800
3	26	Mediterranean	Kahramanmaraş	Onikişubat	Educational Settings	Ziraat Fakültesi J Blok (Toplantı Ve Konferans Salonu)	Kahramanmaraş Sütçü İmam Üniversitesi Rektörlüğü	2007	480
4	27	Mediterranean	Kahramanmaraş	Elbistan	Dormitory and Social Facilities	Elbistan Öğrenci Yurdu	GENÇLİK VE SPOR BAKANLIĞI	1998	10500
5	28	Mediterranean	Kahramanmaraş	Afşin	Educational Settings	Afşin Meslek YO+İdari Bina	KAHRAMANMARAŞ SÜTÇÜ İMAM ÜNİVERSİTESİ REKTÖRLÜĞÜ	1999	11000
6	29	Mediterranean	Kahramanmaraş	Andırın	Educational Settings	Andırın Meslek Yuksekokulu	Kahramanmaraş Sütçü İmam Üniversitesi Rektörlüğü	1996	5000
7	30	Mediterranean	Kahramanmaraş	Göksun	Educational Settings	Göksun Uygulamalı Bilimler YO	KAHRAMANMARAŞ SÜTÇÜ İMAM ÜNİVERSİTESİ REKTÖRLÜĞÜ	1999	13000
8	31	Mediterranean	Kahramanmaraş	Göksun	Administrative Buildings	Göksun Hükümet Konağı	İçişleri Bakanlığı	1966	1325
9	32	Mediterranean	Hatay	Antakya	Administrative Buildings	Hatay Engelsiz Yaşam Bakım Rehabilitasyon	AİLE, ÇALIŞMA VE SOSYAL HİZMETLER BAKANLIĞI	2007	5177
10	33	Mediterranean	Hatay	Yayladağı	Administrative Buildings	Yayladağı Hükümet Konağı	İçişleri Bakanlığı	1970	1800
11	34	Mediterranean	Hatay	Altınözü	Administrative Buildings	Altınözü Hükümet Konağı	İçişleri Bakanlığı	1961	1530
12	35	Mediterranean	Hatay	Hassa	Administrative Buildings	Hassa Hükümet Konağı	İçişleri Bakanlığı	1959	3499
13	36	Mediterranean	Hatay	Dörtyol	Administrative Buildings	Dörtyol Hükümet Konağı	İçişleri Bakanlığı	1995	2600
14	37	Mediterranean	Hatay	Erzin	Administrative Buildings	Erzin Hükümet Konağı	İçişleri Bakanlığı	2007	3500
15	38	Mediterranean	Hatay	Antakya	Educational Settings	Mimarlık Fakültesi	Hatay Mustafa Kemal Üniversitesi Rektörlüğü	1965	3546
15	39	Mediterranean	Hatay	Antakya	Educational Settings	Antakya MYO	Hatay Mustafa Kemal Üniversitesi Rektörlüğü	1985	5261
15	40	Mediterranean	Hatay	Antakya	Educational Settings	Sağlık Bilimleri Fakültesi	Hatay Mustafa Kemal Üniversitesi Rektörlüğü	1998	5090
16	41	East Anatolia	Erzurum	Yakutiye	Educational Settings	Fen Fakültesi (A ve C Blok)	Atatürk Üniversitesi Rektörlüğü	1990	7080
16	42	East Anatolia	Erzurum	Yakutiye	Educational Settings	Mühendislik Fakültesi Ana Bina	Atatürk Üniversitesi Rektörlüğü	1981	10300
16	43	East Anatolia	Erzurum	Yakutiye	Educational Settings	Tarım Mak.Mühendisliği	Atatürk Üniversitesi Rektörlüğü	1986	5000
16	44	East Anatolia	Erzurum	Yakutiye	Educational Settings	Temel Tıp Bilimleri A Blok	Atatürk Üniversitesi Rektörlüğü	1969	5390
17	45	East Anatolia	Erzurum	Yakutiye	Administrative Buildings	Erzurum Valiliği Ek Binası	Erzurum Valiliği	1985	23450
18	46	East Anatolia	Tunceli	Merkez	Administrative Buildings	Hükümet Konağı	İçişleri Bakanlığı	1992	8940

CAM PUS N°	BUILDING	REGION	PROVINCE	DISTRICT	TYPE of BUILDING	BUILDING NAME	OWNERSHIP	CONST. YEAR	AREA (m²)
19	47	East Anatolia	Tunceli	Nazımiye	Administrative Buildings	Nazımiye Hükümet Konağı	İçişleri Bakanlığı	1985	10500
20	48	East Anatolia	Tunceli	Merkez	Administrative Buildings	Çevre, Şehircilik ve İklim Değişikliği İl Müdürlüğü	Çevre, Şehircilik ve İklim Değişikliği Bakanlığı	1982	1860
21	49	East Anatolia	Tunceli	Ovacık	Administrative Buildings	Ovacık Hükümet Konağı	İçişleri Bakanlığı	1987	2250
22	50	East Anatolia	Tunceli	Mazgirt	Administrative Buildings	Mazgirt Hükümet Konağı	İçişleri Bakanlığı	1964	3160
23	51	East Anatolia	Tunceli	Merkez	Administrative Buildings	Tunceli Kültür Merkezi	Kültür Bakanlığı	2007	4520
24	52	East Anatolia	ELAZIĞ	MERKEZ/R EKTÖRLÜK	Educational Settings	Fen Fakültesi	Fırat Üniversitesi	1987	14310
24	53	East Anatolia	ELAZIĞ	MERKEZ/R EKTÖRLÜK	Educational Settings	İnsani ve Sosyal Bilimler Fakültesi	Fırat Üniversitesi	1987	14000
24	54	East Anatolia	ELAZIĞ	MERKEZ/R EKTÖRLÜK	Educational Settings	Üniversite Evi/Yemekhane	Fırat Üniversitesi	1994	5730
24	55	East Anatolia	ELAZIĞ	MERKEZ/R EKTÖRLÜK	Administrative Buildings	Rektörlük Binası	Fırat Üniversitesi	1987	4092
24	56	East Anatolia	ELAZIĞ	MERKEZ/R EKTÖRLÜK	Administrative Buildings	Tıp Fakültesi Dekanlık	Fırat Üniversitesi	1984	21433
24	57	East Anatolia	ELAZIĞ	MERKEZ/M ÜHENDİSLİK	Educational Settings	Makine Mühendisliği Bölümü	Fırat Üniversitesi	1968	6375
24	58	East Anatolia	ELAZIĞ	MERKEZ/R EKTÖRLÜK	Educational Settings	Veteriner Fakültesi	Fırat Üniversitesi	1977	23623
24	59	East Anatolia	ELAZIĞ	MERKEZ/M ÜHENDİSLİK	Educational Settings	Mühendislik Fakültesi Dekanlığı	Fırat Üniversitesi	1967	1791
24	60	East Anatolia	ELAZIĞ	MERKEZ/M ÜHENDİSLİK	Educational Settings	Elektrik Mühendisliği Bölümü	Fırat Üniversitesi	1968	4994
24	61	East Anatolia	ELAZIĞ	MERKEZ/M ÜHENDİSLİK	Educational Settings	Kimya Mühendisliği Laboratuvarı	Fırat Üniversitesi	1967	2300
24	62	East Anatolia	ELAZIĞ	MERKEZ/M ÜHENDİSLİK	Educational Settings	İnşaat Mühendisliği Bölümü	Fırat Üniversitesi	1967	3098
24	63	East Anatolia	ELAZIĞ	MERKEZ/R EKTÖRLÜK	Educational Settings	Teknoloji Fakültesi	Fırat Üniversitesi	1989	24587
24	64	East Anatolia	ELAZIĞ	MERKEZ/R EKTÖRLÜK	Educational Settings	Spor Bilimleri Fakültesi	Fırat Üniversitesi	2005	5376
24	65	East Anatolia	ELAZIĞ	MERKEZ/M ÜHENDİSLİK	Educational Settings	Jeoloji Mühendisliği Bölümü	Fırat Üniversitesi	1967	5338
24	66	East Anatolia	ELAZIĞ	MERKEZ/R EKTÖRLÜK	Health	Fırat Üniversitesi Hastanesi	Fırat Üniversitesi	1998	157646
24	67	East Anatolia	ELAZIĞ	MERKEZ/M ÜHENDİSLİK	Educational Settings	Sivil Havacılık Yüksekokulu	Fırat Üniversitesi	1970	2547

CAM PUS N°	BUILDING	REGION	PROVINCE	DISTRICT	TYPE of BUILDING	BUILDING NAME	OWNERSHIP	CONST. YEAR	AREA (m²)
24	68	East Anatolia	ELAZIĞ	MERKEZ/M ÜHENDİSLİK	Educational Settings	Atatürk Kültür Merkezi	Fırat Üniversitesi	1967	3958
25	69	East Anatolia	ELAZIĞ	Merkez	Administrative Buildings	Çevre, Şehircilik ve İklim Değişikliği İl Müdürlüğü	Çevre, Şehircilik ve İklim Değişikliği Bakanlığı	1969	1150
26	70	Aegean	Manisa	Akhisar	Educational Settings	Akhisar Meslek Yüksekokulu	Manisa Celal Bayar Üniversitesi	1990	5006
27	71	Aegean	Manisa	Salihli	Educational Settings	Celal Bayar Üniversitesi SALİHLİ MESLEK YÜKSEK OKULU	Manisa Celal Bayar Üniversitesi	1998	6000
28	72	Aegean	Manisa	Yunusemre/ Uncubozköy	Educational Settings	Sağlık Bilimleri Fak. Öğr.Gör. Binası	Manisa Celal Bayar Üniversitesi	1985	1400
29	73	Aegean	Manisa	Yunusemre/ Muradiye	Educational Settings	Manisa Celal Bayar Üniversitesi Fen-Edebiyat Fakültesi	Manisa Celal Bayar Üniversitesi	2006	15000
29	74	Aegean	Manisa	Yunusemre/ Muradiye	Educational Settings	Eski Mühendislik Fakültesi B Blok	Manisa Celal Bayar Üniversitesi	1998	7000
29	75	Aegean	Manisa	Yunusemre/ Muradiye	Educational Settings	Uygulamalı Bilimler ve İşl. Fak	Manisa Celal Bayar Üniversitesi	1998	7000
30	76	Aegean	Manisa	Salihli	Health	Salihli Devlet Hastanesi Ana Bina	Sağlık Bakanlığı	1992	11260
31	77	Aegean	Manisa	Demirci	Dormitory and Social Facilities	Demirci Öğrenci Yurdu	GENÇLİK VE SPOR BAKANLIĞI	1990	4000
32	78	Aegean	İzmir	BUCA/DOK UZÇEŞMELER	Educational Settings	E BLOK DERSLİKLER ESKİ HUKUK-Dokuzçeşmeler	Dokuz Eylül Üniversitesi Rektörlüğü	1996	8742
32	79	Aegean	İzmir	BUCA/DOK UZÇEŞMELER	Educational Settings	C VE D BLOK DERSLİKLER (İktisat Fakültesi ve Eklentileri-Dokuzçeşmeler)	Dokuz Eylül Üniversitesi Rektörlüğü	1996	9440
32	80	Aegean	İzmir	BUCA/DOK UZÇEŞMELER	Educational Settings	İKTİSAT FAK.İDARİ BİNA	Dokuz Eylül Üniversitesi Rektörlüğü	1980 öncesi	758
32	81	Aegean	İzmir	BUCA/DOK UZÇEŞMELER	Educational Settings	İKTİSAT FAK ANFİLER+KONFERANS SALONU	Dokuz Eylül Üniversitesi Rektörlüğü	1968	1359
32	82	Aegean	İzmir	BUCA/DOK UZÇEŞMELER	Educational Settings	İKTİSAT FAK.ESKİ ANFİLER	Dokuz Eylül Üniversitesi Rektörlüğü	1996	731
32	83	Aegean	İzmir	BUCA/DOK UZÇEŞMELER	Educational Settings	YABANCI DİLLER MYO-Dokuzçeşmeler	Dokuz Eylül Üniversitesi Rektörlüğü	1976	4694
32	84	Aegean	İzmir	BUCA/DOK UZÇEŞMELER	Educational Settings	SPOR SALONU	Dokuz Eylül Üniversitesi Rektörlüğü		917
32	85	Aegean	İzmir	BUCA/DOK UZÇEŞMELER	Educational Settings	TÜRK DİLİ-BEDEN EĞT.BÖLÜM BAŞKANLIKLARI	Dokuz Eylül Üniversitesi Rektörlüğü	1987 öncesi	185
32	86	Aegean	İzmir	BUCA/DOK UZÇEŞMELER	Educational Settings	KANTİN	Dokuz Eylül Üniversitesi Rektörlüğü		345
32	87	Aegean	İzmir	BUCA/DOK UZÇEŞMELER	Educational Settings	SOSYAL TESİS(YEMEKHANE-KAFETERYA)	Dokuz Eylül Üniversitesi Rektörlüğü	1989	5988

CAM PUS N°	BUILDING	REGION	PROVINCE	DISTRICT	TYPE of BUILDING	BUILDING NAME	OWNERSHIP	CONST. YEAR	AREA (m²)
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32	88	Aegean	İzmir	BUCA/DOK UZÇEŞMELER	Educational Settings	ÖĞRNCİ TOPLULUKLARI	Dokuz Eylül Üniversitesi Rektörlüğü	1980 öncesi	103
32	89	Aegean	İzmir	BUCA/DOK UZÇEŞMELER	Educational Settings	MÜZİK KULUBU	Dokuz Eylül Üniversitesi Rektörlüğü	1980	190
32	90	Aegean	İzmir	BUCA/DOK UZÇEŞMELER	Educational Settings	SPOR TESİSLERİ SOYUNMA SALONU	Dokuz Eylül Üniversitesi Rektörlüğü	1980 öncesi	120
32	91	Aegean	İzmir	BUCA/DOK UZÇEŞMELER	Educational Settings	C1 ANFI(PARAŞÜT KULUBU)	Dokuz Eylül Üniversitesi Rektörlüğü	1996	140
33	92	Aegean	İzmir	BUCA	Educational Settings	İMYO LAB	Dokuz Eylül Üniversitesi Rektörlüğü	1987	620
33	93	Aegean	İzmir	BUCA	Educational Settings	İMYO İDARİ BİNA BLOK	Dokuz Eylül Üniversitesi Rektörlüğü	1980 öncesi	8506
33	94	Aegean	İzmir	BUCA	Educational Settings	CAHİT ARF ALMANCA	Dokuz Eylül Üniversitesi Rektörlüğü	1980 öncesi	4944
33	95	Aegean	İzmir	BUCA	Educational Settings	FEN BİLİMLERİ	Dokuz Eylül Üniversitesi Rektörlüğü	1980 öncesi	2556
33	96	Aegean	İzmir	BUCA	Educational Settings	EĞİTİM BİLİMLERİ ENSTİTÜSÜ	Dokuz Eylül Üniversitesi Rektörlüğü	1980 öncesi	530
33	97	Aegean	İzmir	BUCA	Educational Settings	DEKANLIK	Dokuz Eylül Üniversitesi Rektörlüğü	1980 öncesi	3498
33	98	Aegean	İzmir	BUCA	Educational Settings	KANTİN	Dokuz Eylül Üniversitesi Rektörlüğü	1987 öncesi	156
33	99	Aegean	İzmir	BUCA	Educational Settings	SOSYAL BİLİMLER	Dokuz Eylül Üniversitesi Rektörlüğü	2002	3411
33	100	Aegean	İzmir	BUCA	Educational Settings	KONFERANS SALONU	Dokuz Eylül Üniversitesi Rektörlüğü	1980 öncesi	786
33	101	Aegean	İzmir	BUCA	Educational Settings	MÜZİK	Dokuz Eylül Üniversitesi Rektörlüğü	1990 öncesi	1514
33	102	Aegean	İzmir	BUCA	Educational Settings	İMYO C BLOK	Dokuz Eylül Üniversitesi Rektörlüğü	1987	3959
33	103	Aegean	İzmir	BUCA	Educational Settings	KANTİN	Dokuz Eylül Üniversitesi Rektörlüğü	1980 öncesi	450
33	104	Aegean	İzmir	BUCA	Dormitory and Social Facilities	YURD B BLOK	Dokuz Eylül Üniversitesi Rektörlüğü	1986	3250
33	105	Aegean	İzmir	BUCA	Educational Settings	ÇAMAŞIR YIKAMA	Dokuz Eylül Üniversitesi Rektörlüğü	1980 öncesi	330
33	106	Aegean	İzmir	BUCA	Educational Settings	KAZAN DAİRESİ	Dokuz Eylül Üniversitesi Rektörlüğü	1980 öncesi	440
33	107	Aegean	İzmir	BUCA	Dormitory and Social Facilities	YURT A BLOK	Dokuz Eylül Üniversitesi Rektörlüğü	1986	3250
33	108	Aegean	İzmir	BUCA	Educational Settings	İNGİLİZCE	Dokuz Eylül Üniversitesi Rektörlüğü	1980 öncesi	1386
33	109	Aegean	İzmir	BUCA	Educational Settings	İMYO D BLOK	Dokuz Eylül Üniversitesi Rektörlüğü	1990	1075

CAM PUS N°	BUILDING	REGION	PROVINCE	DISTRICT	TYPE of BUILDING	BUILDING NAME	OWNERSHIP	CONST. YEAR	AREA (m²)
33	110	Aegean	İzmir	BUCA	Educational Settings	KREŞ	Dokuz Eylül Üniversitesi Rektörlüğü	1986	395
33	111	Aegean	İzmir	BUCA	Educational Settings	RESİM BÖLÜMÜ	Dokuz Eylül Üniversitesi Rektörlüğü	1980	3938
33	112	Aegean	İzmir	BUCA	Educational Settings	HASAN ALİ YÜCEL	Dokuz Eylül Üniversitesi Rektörlüğü	1990	4400
33	113	Aegean	İzmir	BUCA	Educational Settings	SPOR SALONU	Dokuz Eylül Üniversitesi Rektörlüğü	1980 öncesi	1746
33	114	Aegean	İzmir	BUCA	Educational Settings	YEMEKHANE	Dokuz Eylül Üniversitesi Rektörlüğü	1986	954
34	115	Aegean	İzmir	BALÇOVA (15 Temmuz Yerleşkesi)	Educational Settings	TIP FAKÜLTESİ DERSLİKLER BİNASI-15 Temmuz Sağlık ve Sanat Yerleşkesi (Dokuz Eylül Üniversite Hastanesi Dış Hekimliği Fakültesi)	Dokuz Eylül Üniversitesi Rektörlüğü	1990	8277
34	116	Aegean	İzmir	BALÇOVA (15 Temmuz Yerleşkesi)	Educational Settings	ESKİ GÜZEL SANATLAR FAKÜLTESİ C BLOK--15 Temmuz Sağlık ve Sanat Yerleşkesi	Dokuz Eylül Üniversitesi Rektörlüğü	2007	2995
34	117	Aegean	İzmir	BALÇOVA (15 Temmuz Yerleşkesi)	Educational Settings	Derslikler Grubu	Dokuz Eylül Üniversitesi Rektörlüğü	1995	5742
35	118	Aegean	İzmir	TORBALI	Educational Settings	A BLOK (MYO) -Torbalı	Dokuz Eylül Üniversitesi Rektörlüğü	1994	5050
36	119	Aegean	İzmir	Aliğa	Administrative Buildings	Aliğa Hükümet Konağı	İçişleri Bakanlığı	1991	6100
37	120	Aegean	İzmir	Konak	Administrative Buildings	İzmir Aile, Çalışma ve Sosyal Hizmetler İl Müdürlüğü	AİLE, ÇALIŞMA VE SOSYAL HİZMETLER BAKANLIĞI	2003	6740
38	121	Aegean	İzmir	Ödemiş	Administrative Buildings	Ödemiş Hükümet Konağı	İçişleri Bakanlığı	1990	5020
39	122	Aegean	İzmir	Menemen	Administrative Buildings	E BLOK	BAKIRÇAY ÜNİVERSİTESİ REKTÖRLÜĞÜ	2009	15900
40	123	Aegean	İzmir	Torbalı	Administrative Buildings	Torbalı Hükümet Konağı	İçişleri Bakanlığı	1979	2637
41	124	Aegean	İzmir	Konak	Administrative Buildings	Konak Karşıyaka Buca Karabağlar Çiğli Gaziemir Ek Binası(Adres: Alsancak, 1474. Sk. No:10 D:9, 35220 Konak/İzmir)	Tapu ve Kadastro Genel Müdürlüğü	1982	11267
42	125	Aegean	İzmir	Bornova	Administrative Buildings	Bornova Hükümet Konağı	İçişleri Bakanlığı	1989	1544
43	126	Aegean	İzmir	Narlidere	Administrative Buildings	Narlidere Hükümet Konağı	İçişleri Bakanlığı	1997	2312
44	127	Aegean	İzmir	Urla	Educational Settings	İzmir Yüksek Fen Tekno. Üni. Fen Fakültesi A, B, C Blok	İZMİR YÜKSEK TEKNOLOJİ ENSTİTÜSÜ REKTÖRLÜĞÜ	2000	10627
44	128	Aegean	İzmir	Urla	Educational Settings	Mimarlık A,B,C	İZMİR YÜKSEK TEKNOLOJİ ENSTİTÜSÜ REKTÖRLÜĞÜ	1999	10750
44	129	Aegean	İzmir	Urla	Administrative Buildings	Merkezi Kafeterya	İZMİR YÜKSEK TEKNOLOJİ ENSTİTÜSÜ REKTÖRLÜĞÜ	2002	6310
44	130	Aegean	İzmir	Urla	Educational Settings	Kapalı Spor Salonu	İZMİR YÜKSEK TEKNOLOJİ ENSTİTÜSÜ REKTÖRLÜĞÜ	2006	4672
45	131	Aegean	İzmir	Çiğli	Educational Settings	İzmir Katip Çelebi Üniversitesi Rektörlük Binası	Katip Çelebi Üniversitesi Rektörlüğü	1999	3350
46	132	Aegean	İzmir	Bornova	Educational Settings	Sermed Akgün Olimpik Yüzme Havuzu	Ege Üniversitesi		4166
46	133	Aegean	İzmir	Bornova	Educational Settings	Dış Hekimliği Fakültesi Derslikler	Ege Üniversitesi	1968	15241

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46	134	Aegean	İzmir	Bornova	Educational Settings	İnşaat Mühendisliği	Ege Üniversitesi	2003	1170
46	135	Aegean	İzmir	Bornova	Educational Settings	İletişim Fakültesi C Blok	Ege Üniversitesi	1980	9600
46	136	Aegean	İzmir	Bornova	Educational Settings	Eczacılık Fakültesi A Blok	Ege Üniversitesi	1980	12425
46	137	Aegean	İzmir	Bornova	Educational Settings	Edebiyat Fakültesi Dekanlığı D blok	Ege Üniversitesi	1980	5250
46	138	Aegean	İzmir	Bornova	Educational Settings	Edebiyat Fakültesi B Blok	Ege Üniversitesi	1980	9600
46	139	Aegean	İzmir	Bornova	Educational Settings	Fen Fakültesi E Blok	Ege Üniversitesi	1970	2765
46	140	Aegean	İzmir	Bornova	Educational Settings	Fen Fakültesi D Blok	Ege Üniversitesi	1970	3432
46	141	Aegean	İzmir	Bornova	Educational Settings	Fen Fakültesi C Blok	Ege Üniversitesi	1970	2068
46	142	Aegean	İzmir	Bornova	Educational Settings	Fen Fakültesi A Blok	Ege Üniversitesi	1970	1867
46	143	Aegean	İzmir	Bornova	Educational Settings	Ziraat Fakültesi D Blok	Ege Üniversitesi	1969	3432
46	144	Aegean	İzmir	Bornova	Educational Settings	Ziraat Fakültesi B Blok	Ege Üniversitesi	1970	13885
46	145	Aegean	İzmir	Bornova	Educational Settings	Uluslararası Bilgisayar Enstitüsü	Ege Üniversitesi	1993-2000	1170
46	146	Aegean	İzmir	Bornova	Educational Settings	Kimya Mühendisliği A-B-C Blok	Ege Üniversitesi	1982	1730
47	147	Aegean	Muğla	Menteşe	Educational Settings	Mimarlık Fakültesi-Engelli Öğr./Öğr.Hakları Birimi	Muğla Sıtkı Koçman Üniversitesi	1992	3880
47	148	Aegean	Muğla	Menteşe	Educational Settings	Gündüz Bakım Evi	Muğla Sıtkı Koçman Üniversitesi	2000	1320
47	149	Aegean	Muğla	Menteşe	Educational Settings	Sağlık, Kültür ve Spor Dairesi Başkanlığı	Muğla Sıtkı Koçman Üniversitesi	2000	745
47	150	Aegean	Muğla	Menteşe	Educational Settings	Eğitim Fakültesi Binası (Eski Rektörlük)	Muğla Sıtkı Koçman Üniversitesi	1999	16980
47	151	Aegean	Muğla	Menteşe	Educational Settings	Fethiye Ali Sıtkı Mefharet Koçman MYO	Muğla Sıtkı Koçman Üniversitesi	2000	3547
47	152	Aegean	Muğla	Menteşe	Educational Settings	Edebiyat Fakültesi	Muğla Sıtkı Koçman Üniversitesi	2000	5720
47	153	Aegean	Muğla	Menteşe	Educational Settings	Fen Edebiyat Fakültesi Derslikler	Muğla Sıtkı Koçman Üniversitesi	2000	6440
47	154	Aegean	Muğla	Menteşe	Educational Settings	İktisadi ve İdari Bilimler Fakültesi	Muğla Sıtkı Koçman Üniversitesi	2003	7799
47	155	Aegean	Muğla	Menteşe	Educational Settings	Teknoloji Fakültesi	Muğla Sıtkı Koçman Üniversitesi	2005	7200
47	156	Aegean	Muğla	Menteşe	Educational Settings	Fen Fakültesi	Muğla Sıtkı Koçman Üniversitesi	2002	8000
47	157	Aegean	Muğla	Menteşe	Educational Settings	Sıtkı Koçman Öğrenci Sarayı	Muğla Sıtkı Koçman Üniversitesi	2000	8088
47	158	Aegean	Muğla	Menteşe	Educational Settings	İdari ve Mali İşler Dairesi Başkanlığı	Muğla Sıtkı Koçman Üniversitesi	2000	1031
47	159	Aegean	Muğla	Menteşe	Educational Settings	Yabancı Diller YO	Muğla Sıtkı Koçman Üniversitesi	2000	4305

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48	160	Aegean	Muğla	Menteşe-Orhaniye	Educational Settings	Muğla Meslek Yüksekokulu	Muğla Sıtkı Koçman Üniversitesi	1994	11565
49	161	Aegean	Muğla	Ula	Educational Settings	Ula Ali Koçman MYO	Muğla Sıtkı Koçman Üniversitesi	2000	2510
50	162	Aegean	Muğla	Dalaman	Educational Settings	Dalaman MYO	Muğla Sıtkı Koçman Üniversitesi	2002	2070
51	163	Aegean	Muğla	Fethiye	Educational Settings	Fethiye Sağlık Bilimleri Fakültesi	Muğla Sıtkı Koçman Üniversitesi	2002	3071
52	164	Aegean	DENİZLİ	Pamukkale	Health	Hastane Mavi-Kırmızı-H-G Blok	Pamukkale Üniversitesi Rektörlüğü	1995	18758
52	165	Aegean	DENİZLİ	Pamukkale	Educational Settings	Kongre Kültür Merkezi ve Morfoloji	Pamukkale Üniversitesi Rektörlüğü	1996	16385
52	166	Aegean	DENİZLİ	Pamukkale	Educational Settings	Öğrenci Toplulukları Binası -Gölbahçesi olarak da geçiyor (Yapı Kayıt Belgesi Var)	Pamukkale Üniversitesi Rektörlüğü	1995	1169
52	167	Aegean	DENİZLİ	Pamukkale	Educational Settings	Mediko Binası-(Açık Sopr Tesisleri İdari Binası-Yapı Kayıt Belgesi Var)	Pamukkale Üniversitesi Rektörlüğü	1999	1169
52	168	Aegean	DENİZLİ	Pamukkale	Educational Settings	Mühendislik Fakültesi B Blok (Eski Yök Binası)	Pamukkale Üniversitesi Rektörlüğü	1987	3884
52	169	Aegean	DENİZLİ	Pamukkale	Health	Diş Hekimliği Fakültesi (Yapı Kayıt Belgesi Var)	Pamukkale Üniversitesi Rektörlüğü	1992	1602
52	170	Aegean	DENİZLİ	Pamukkale	Educational Settings	PADAM Binası (Eski Güvenlik Binası) 1-Eğitim İçin Kullanılan Yapı (Yapı Kayıt Belgesi)	Pamukkale Üniversitesi Rektörlüğü	1999	340
52	171	Aegean	DENİZLİ	Pamukkale	Educational Settings	Deprem Araştırma Binası	Pamukkale Üniversitesi Rektörlüğü	1999	966
53	172	Aegean	DENİZLİ	Pamukkale	Health	Servergazi Devlet Hastanesi Kıbrıs Şehitleri Semt Polikliniği ADŞM A Blok	Sağlık Bakanlığı	1996	4700
54	173	Marmara	Bursa	Nilüfer	Educational Settings	Ziraat Fakültesi Derslikler	Uludağ Üniversitesi Rektörlüğü	1994-1998	12367
54	174	Marmara	Bursa	Nilüfer	Educational Settings	Merkez Kütüphane	Uludağ Üniversitesi Rektörlüğü	1997	10150
54	175	Marmara	Bursa	Nilüfer	Educational Settings	Anaokulu A,B Blok	Uludağ Üniversitesi Rektörlüğü	1993	2117
54	176	Marmara	Bursa	Nilüfer	Educational Settings	Veteriner Fakültesi Diseksiyon Binası	Uludağ Üniversitesi Rektörlüğü	1998	450
55	177	Marmara	İstanbul	Avcılar	Dormitory and Social Facilities	Avcılar Öğrenci Yurtları B, C	İÜ. Cerrahpaşa Fakültesi	1988	11645
55	178	Marmara	İstanbul	Avcılar	Educational Settings	İnşaat Mühendisliği Bölümü	İÜ. Cerrahpaşa Fakültesi	1986	6045
55	179	Marmara	İstanbul	Avcılar	Educational Settings	Mühendislik Fakültesi Ek Bina	İÜ. Cerrahpaşa Fakültesi	1976	3470
56	180	Marmara	İstanbul	Büyükkemece	Educational Settings	Büyükkemece F blok HAYEF	İÜ. Cerrahpaşa Fakültesi	1996	8256
56	181	Marmara	İstanbul	Büyükkemece	Educational Settings	Büyükkemece Ablok Adli Tıp Enst ve Veteriner Fak.	İÜ. Cerrahpaşa Fakültesi	1996	12103
56	182	Marmara	İstanbul	Büyükkemece	Educational Settings	KLMN Blok Öğrenci Kültür Merkezi	İÜ. Cerrahpaşa Fakültesi	2010	18507
56	183	Marmara	İstanbul	Büyükkemece	Educational Settings	Büyükkemece B Blok Hayef ve TBMYO	İÜ. Cerrahpaşa Fakültesi	1996	9564
56	184	Marmara	İstanbul	Büyükkemece	Educational Settings	Büyükkemece E blok TBMYO	İÜ. Cerrahpaşa Fakültesi	1996	8208

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56	185	Marmara	İstanbul	Büyükkçekmece	Educational Settings	Büyükkçekmece J blok Yapı Laboratuvarı	İÜ. Cerrahpaşa Fakültesi	2010	1026
56	186	Marmara	İstanbul	Büyükkçekmece	Educational Settings	Büyükkçekmece D blok TBMYO ek bina	İÜ. Cerrahpaşa Fakültesi	1996	9368
56	187	Marmara	İstanbul	Büyükkçekmece	Educational Settings	Büyükkçekmece R blok Laboratuvar ve sağlık bil.	İÜ. Cerrahpaşa Fakültesi	2004	8466
56	188	Marmara	İstanbul	Büyükkçekmece	Educational Settings	Büyükkçekmece kreş binası	İÜ. Cerrahpaşa Fakültesi	1996	615
56	189	Marmara	İstanbul	Büyükkçekmece	Educational Settings	Büyükkçekmece H blok Yabancı Diller Yüksekokulu	İÜ. Cerrahpaşa Fakültesi	2006	4660
57	190	Marmara	İstanbul	Beşiktaş	Educational Settings	Oditoryum, Gemi İnş. Ve Den.Fak.Dekanlığı	Yıldız Teknik Üniversitesi Rektörlüğü	1986	5467
57	191	Marmara	İstanbul	Beşiktaş	Educational Settings	Yıldız Teknik Üniversitesi Makine Müh. A Blok	Yıldız Teknik Üniversitesi Rektörlüğü	1960	7577
57	192	Marmara	İstanbul	Beşiktaş	Educational Settings	Öğrenci-Personel-Döner Sermaye	Yıldız Teknik Üniversitesi Rektörlüğü	1997	3893
57	193	Marmara	İstanbul	Beşiktaş	Educational Settings	Merkezi Derslikler, Bilgi İşlem Dai.Bşk.	Yıldız Teknik Üniversitesi Rektörlüğü	1981	8102
58	194	Marmara	İstanbul	Güney Kampüs	Educational Settings	Mühendislik Fakültesi	Boğaziçi Üniversitesi	1963	8637
58	195	Marmara	İstanbul	Güney Kampüs	Educational Settings	John Freely Binası	Boğaziçi Üniversitesi	1976	3201,85
58	196	Marmara	İstanbul	Güney Kampüs	Educational Settings	Bilgi İşlem Merkezi	Boğaziçi Üniversitesi	1981	1108,85
58	197	Marmara	İstanbul	Güney Kampüs	Educational Settings	Okul Öncesi Eğitim Kurumu	Boğaziçi Üniversitesi	1989	839
59	198	Marmara	İstanbul	Kandilli Kampüs	Educational Settings	Eski Jeofizik Binası (Yer Maresi Servisi)	Boğaziçi Üniversitesi	1989	401
59	199	Marmara	İstanbul	Kandilli Kampüs	Educational Settings	Müdüriyet Binası	Boğaziçi Üniversitesi	1989	1368,32
59	200	Marmara	İstanbul	Kandilli Kampüs	Educational Settings	BDTM Eski Bina (UDİM)	Boğaziçi Üniversitesi	1989	930
60	201	Marmara	İstanbul	Kuzey Kampüs	Educational Settings	Kütüphane Binası	Boğaziçi Üniversitesi	1983	8767,46
60	202	Marmara	İstanbul	Kuzey Kampüs	Educational Settings	Yadyok Kuzey Binası	Boğaziçi Üniversitesi	1985	1267,26
60	203	Marmara	İstanbul	Kuzey Kampüs	Educational Settings	Yapı İşleri Binası	Boğaziçi Üniversitesi	1985	439,32
60	204	Marmara	İstanbul	Kuzey Kampüs	Educational Settings	Kuzey Kampüs Kare Blok Derslikler A-B-C-D Blok	Boğaziçi Üniversitesi	1984	24254
60	205	Marmara	İstanbul	Kuzey Kampüs	Dormitory and Social Facilities	1. Kuzey Öğrenci Yurdu	Boğaziçi Üniversitesi	1987	7700
61	206	Marmara	İstanbul	Reşitpaşa/Sarıyer	Dormitory and Social Facilities	Ferhunde Birkan KÖY	İstanbul Teknik Üniversitesi	1996	3200
61	207	Marmara	İstanbul	Reşitpaşa/Sarıyer	Educational Settings	Deprem Araştırma Enst.	İstanbul Teknik Üniversitesi	1995	3482
61	208	Marmara	İstanbul	Reşitpaşa/Sarıyer	Dormitory and Social Facilities	Verda Üründül KÖY	İstanbul Teknik Üniversitesi	1999	2400
61	209	Marmara	İstanbul	Reşitpaşa/Sarıyer	Educational Settings	Eski Rektörlük Binası	İstanbul Teknik Üniversitesi	1979	4215

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61	210	Marmara	İstanbul	Reşitpaşa/Sarıyer	Educational Settings	Ali İhsan Aldoğan KÖY	İstanbul Teknik Üniversitesi	2006	7633,01
61	211	Marmara	İstanbul	Reşitpaşa/Sarıyer	Educational Settings	Kimya Metalurji Fak.	İstanbul Teknik Üniversitesi	1984	28575
61	212	Marmara	İstanbul	Reşitpaşa/Sarıyer	Educational Settings	Motorlar Taşıtlar Lab.	İstanbul Teknik Üniversitesi	1976	8500
61	213	Marmara	İstanbul	Reşitpaşa/Sarıyer	Educational Settings	Yapı ve Deprem Mühendisliği Laboratuvarı	İstanbul Teknik Üniversitesi	1979	3482
61	214	Marmara	İstanbul	Reşitpaşa/Sarıyer	Dormitory and Social Facilities	Zeynep Birkan KÖY	İstanbul Teknik Üniversitesi	2001	1153,6
61	215	Marmara	İstanbul	Reşitpaşa/Sarıyer	Dormitory and Social Facilities	Gölet Yurdu 1	İstanbul Teknik Üniversitesi	2001	1182
61	216	Marmara	İstanbul	Reşitpaşa/Sarıyer	Dormitory and Social Facilities	Gölet Yurdu 2	İstanbul Teknik Üniversitesi	2001	1182
61	217	Marmara	İstanbul	Reşitpaşa/Sarıyer	Dormitory and Social Facilities	Gölet Yurdu 3	İstanbul Teknik Üniversitesi	2001	1182
61	218	Marmara	İstanbul	Reşitpaşa/Sarıyer	Dormitory and Social Facilities	Gölet Yurdu 4	İstanbul Teknik Üniversitesi	2001	1182
61	219	Marmara	İstanbul	Reşitpaşa/Sarıyer	Dormitory and Social Facilities	Gölet Yurdu 5	İstanbul Teknik Üniversitesi	2001	1182
61	220	Marmara	İstanbul	Reşitpaşa/Sarıyer	Dormitory and Social Facilities	Gölet Yurdu 6	İstanbul Teknik Üniversitesi	2001	1182
61	221	Marmara	İstanbul	Reşitpaşa/Sarıyer	Dormitory and Social Facilities	Gölet Yurdu 7	İstanbul Teknik Üniversitesi	2001	1182
61	222	Marmara	İstanbul	Reşitpaşa/Sarıyer	Dormitory and Social Facilities	Gölet Yurdu 8	İstanbul Teknik Üniversitesi	2001	1182
61	223	Marmara	İstanbul	Reşitpaşa/Sarıyer	Dormitory and Social Facilities	Gölet Yurdu 9	İstanbul Teknik Üniversitesi	2001	1182
61	224	Marmara	İstanbul	Reşitpaşa/Sarıyer	Dormitory and Social Facilities	Gölet Yurdu 10	İstanbul Teknik Üniversitesi	2001	1182
61	225	Marmara	İstanbul	Reşitpaşa/Sarıyer	Dormitory and Social Facilities	Gölet Yurdu 11	İstanbul Teknik Üniversitesi	2001	1182
61	226	Marmara	İstanbul	Reşitpaşa/Sarıyer	Dormitory and Social Facilities	Gölet Yurdu 12	İstanbul Teknik Üniversitesi	2001	1182
61	227	Marmara	İstanbul	Reşitpaşa/Sarıyer	Educational Settings	Trisonik Lab.	İstanbul Teknik Üniversitesi	1983	1926
61	228	Marmara	İstanbul	Reşitpaşa/Sarıyer	Educational Settings	Elektrik Elektronik Fak.	İstanbul Teknik Üniversitesi	1979	25101
61	229	Marmara	İstanbul	Reşitpaşa/Sarıyer	Educational Settings	Hidrolik Laboratuvarı	İstanbul Teknik Üniversitesi	1979	9852
61	230	Marmara	İstanbul	Reşitpaşa/Sarıyer	Educational Settings	İnşaat Fakültesi	İstanbul Teknik Üniversitesi	1978	28268,42
61	231	Marmara	İstanbul	Reşitpaşa/Sarıyer	Health	Mediko Sosyal Binası	İstanbul Teknik Üniversitesi	1978	4092,5
61	232	Marmara	İstanbul	Reşitpaşa/Sarıyer	Educational Settings	Fen Edebiyat Fak.	İstanbul Teknik Üniversitesi	1977	33082,49
61	233	Marmara	İstanbul	Reşitpaşa/Sarıyer	Administrative Buildings	Rektörlük	İstanbul Teknik Üniversitesi	1993	9953,5

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61	234	Marmara	İstanbul	Reşitpaşa/Sarıyer	Educational Settings	Yapı Malzemeleri Laboratuvarı (2 Blok)	İstanbul Teknik Üniversitesi	1979	1950
61	235	Marmara	İstanbul	Reşitpaşa/Sarıyer	Educational Settings	Merkezi Derslik A	İstanbul Teknik Üniversitesi	2007	8908
61	236	Marmara	İstanbul	Reşitpaşa/Sarıyer	Educational Settings	Altan Edige KÖY	İstanbul Teknik Üniversitesi	2006	7633
61	237	Marmara	İstanbul	Reşitpaşa/Sarıyer	Dormitory and Social Facilities	Mustafa İnan Kütüphanesi	İstanbul Teknik Üniversitesi	2000	8998
61	238	Marmara	İstanbul	Reşitpaşa/Sarıyer	Educational Settings	Adnan Tekin Uyg. Arş. Mer.	İstanbul Teknik Üniversitesi	1991	1001
61	239	Marmara	İstanbul	Reşitpaşa/Sarıyer	Educational Settings	Mekatronik	İstanbul Teknik Üniversitesi	1989	1594
61	240	Marmara	İstanbul	Reşitpaşa/Sarıyer	Dormitory and Social Facilities	Ayşe Birkan KÖY	İstanbul Teknik Üniversitesi	2001	1166,1
61	241	Marmara	İstanbul	Reşitpaşa/Sarıyer	Dormitory and Social Facilities	Arioğlu ÖY	İstanbul Teknik Üniversitesi	1999	1148,78
61	242	Marmara	İstanbul	Reşitpaşa/Sarıyer	Dormitory and Social Facilities	Gök ÖY	İstanbul Teknik Üniversitesi	1999	955,92
61	243	Marmara	İstanbul	Reşitpaşa/Sarıyer	Educational Settings	75. Yıl Öğr. Sos Merk. A	İstanbul Teknik Üniversitesi	1978	4672
61	244	Marmara	İstanbul	Reşitpaşa/Sarıyer	Educational Settings	Enerji Enst.	İstanbul Teknik Üniversitesi	1977	4571
61	245	Marmara	İstanbul	Reşitpaşa/Sarıyer	Educational Settings	MOBGAM	İstanbul Teknik Üniversitesi	2002	3340
62	246	Marmara	İstanbul	Gümüşsuyu	Dormitory and Social Facilities	Karma Yurt	İstanbul Teknik Üniversitesi	1939	6380,99
62	247	Marmara	İstanbul	Gümüşsuyu	Educational Settings	Tekstil Fakültesi	İstanbul Teknik Üniversitesi	1960	1870
62	248	Marmara	İstanbul	Gümüşsuyu	Educational Settings	Aerodinamik Laboratuvarı	İstanbul Teknik Üniversitesi	1960	407
62	249	Marmara	İstanbul	Gümüşsuyu	Dormitory and Social Facilities	Gümüşsuyu Kız Yurdu	İstanbul Teknik Üniversitesi	1960	780
62	250	Marmara	İstanbul	Gümüşsuyu	Educational Settings	Keskin Keser Laboratuvarı	İstanbul Teknik Üniversitesi	1960	2000
63	251	Marmara	İstanbul	Maçka	Educational Settings	Konsevartuar G Blok	İstanbul Teknik Üniversitesi	1966	4197
63	252	Marmara	İstanbul	Maçka	Educational Settings	Konsevartuar H Blok	İstanbul Teknik Üniversitesi	1966	3156