

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

PUBLIC AND MUNICIPAL RENEWABLE ENERGY PROJECT
(179867)

TERMS OF REFERENCE
FOR AN
ENVIRONMENTAL SPECIALIST

(Ref: PUMREP/WB/IND-ES-01)

Background

The Ministry of Environment, Urbanization and Climate Change has received for financing from the World Bank toward the cost of the Public and Municipal Renewable Energy Efficiency Project (PUMREP) and intends to apply part of the proceeds for consulting services. The implementation period will end on July 31, 2028. Financed by the proceeds of the Loan Agreement signed between the Ministry of Treasury and Finance, the Project holds a budget of USD\$549 million IBRD loan, US\$3 million Energy Sector Management Assistance Program (ESMAP) grant. The overall objective of the Project is to increase the use of renewable energy (RE) through self-generation in public facilities.

The Project will support investments in central government and central-government-affiliated facilities (e.g., public buildings under central ministries, universities, dormitories and hospitals) and will be implemented by the General Directorate of Construction Affairs (GDCA) under the Ministry of Environment, Urban and Climate Change (MoEUCC). Buildings will be identified through the application list of public buildings, which can then be prioritized based on eligibility criteria.

The Project will include three components: (i) RE investments in central government buildings, to be implemented by MoEUCC; (ii) RE investments in municipal buildings, to be implemented by İİbank; and (iii) technical assistance (TA) and implementation support, for both MoEUCC and İİbank.

The General Directorate of Construction Affairs (GDCA) established a project implementation unit (PIU) is responsible from implementation of Component 1, 3a and 4a of the project such as selection of the facilities, procurement of the various contractors (e.g. feasibility studies, energy audits, technical designs, installation of RE systems, renovation works, construction supervision, savings verifications, technical assistance or consultancies, etc.).

Under Component 1 investments in RE technologies, primarily solar Photovoltaic (PV) will be supported. RE installations will be primarily used to offset the facilities' electricity (i.e.. for self-

consumption purposes rather than to generate power to sell to the grid). An initial pipeline of about 291 subprojects in central government facilities (e.g., state universities, sports buildings and hospitals) distributed across most provinces in the country and amounting to a total generation capacity of nearly 136 MW has already been identified. This pipeline includes rooftop, car park canopies and ground mounted solar PV installations, ranging from a few kW to several MW. RE technologies other than solar PV are also eligible under this subcomponent, as per the eligibility criteria.

The facilities in the subcomponents have been gathered in different packages considering the geographic location and the electricity distribution company's authority zone. Under the project consultant companies will be hired to prepare the feasibility studies to assess the technical and financial viability of installing RE power generation (solar PV and solar thermal) in public facilities.

The Feasibility Studies will assess the RE installation under the unlicensed generation scheme. For the proposed sub-projects, detailed relevant audits will be carried out by a Feasibility Study Consultant Company, in order to evaluate the proposal for solar system installation, estimate energy savings, assess their financial viability, and identify potential Environmental and social impacts that the proposed installation may cause at a regional level.

Within the framework of the Public and Municipal Renewable Energy Efficiency Project, an Environmental Specialist (PUMREP/WB/IND-ES-01) will be employed at Project Implementation Unit of the General Directorate of Construction Affairs of Ministry of Environment, Urbanization and Climate Change (MoEUCC).

Objectives

The main objective of this assignment is to employ an experienced consultant as the Environmental Specialist of GDCA PIU, to assist in the project implementation activities as indicated below:

Scope of Services

The Environmental Specialist (the Consultant) shall support PIU in monitoring and evaluation activities within the scope of the Project. The scope of the services of the Consultant is to provide assistance and consultancy for the identification and management of all environmental issues related to the Project, and in particular:

- a. Supervise, monitor and control the environmental performance of the Project activities and the Work Supervisor/s;
- b. Control and ensure that all approvals/licenses are in place prior to carrying out the Project activities and make sure all the records are kept accurately including the permits collected by the Contractor/s;
- c. Ensure and follow up that relevant environmental and social procedures in line with national legislation, the World Bank Environmental and Social Framework (ESF) are conducted in case of any change in the design of the sub-projects, if deemed necessary;
- d. Ensure and follow up the Environmental and Social Management Framework (ESMF), Environmental and Social Commitment Plan (ESCP), Environmental and Social Management Plans (ESMPs), ESMP Checklists and sub-management plans, Labor

Management Procedure (LMP), and Stakeholder Engagement Plans (SEPs) of the PUMRE Project,

- e. Keep the PIU management fully informed about environmental related topics and monthly environmental performance;
- f. Identify/anticipate environmental risks and define the measures to adopt a mitigation hierarchy approach (avoid, minimize, reduce, compensate/offset the environmental risks) in case of not defined risks in the Project document have been faced;
- g. Ensure the compliance of project activities are consistent with the requirements of the Turkish Legislation and the Project Standards set by the World Bank Environmental and Social Framework (ESF);
- h. Review environmental documents/reports (such as Contractor's Environmental and Social Management Plan, monitoring reports of Work supervisor/s, sub-management plans, etc.), prepare comments/recommendations to the PIU's management and relevant stakeholders, and take necessary actions to provide the required quality of these documents/reports before the submission to the World Bank;
- i. Assist in the preparation of environmental assessment issues of tender documents for the coverage of the environmental risks and their management; in particular, support the relevant stakeholders in the finalization of the ESHS qualification criteria in the bidding documents;
- j. Review, revise and consolidate ESMP, procedures/method statements for site-specific issues in line with Turkish Legislation and the World Bank Environmental and Social Framework (ESF);
- k. Make sure, monitor and supervise, in coordination with the Work Supervisor/s, that the commitments given in the ESMPs and other relevant management plans are implemented on the field as scheduled;
- l. Ensure compliance with ESMPs and other relevant management plans mainly monitoring plan onsite;
- m. Support the PIU for the preparation of Progress Reports (bi-annually) to the World Bank for the environmental subjects in line with the relevant environmental standards;
- n. Conduct site visits for the assessment, supervision and monitoring of the environmental issues of the Project; to ensure the environmental policies and standards are understood and followed;
- o. Assist/participate in feasibility studies, audits and monitoring missions conducted by the World Bank/Financial Institutions or the any other authorities including the Ministry of Environment and Urbanization;
- p. Conduct "on-the-job" or specific trainings on the environmental issues related to the project scope requested by the MoEUCC and ensure PIU and PIU teams are well aware of ESMF/ESMPs and the other relevant environmental issues of the Projects;
- q. Ensure notification of any significant environmental incident or accident (spills, etc.) related to the Project to the World Bank within the defined time frame, and provide the preparation and submission of incident or accident report including measures or

corrective actions taken or planned to be taken to address it and any measures to prevent its recurrence to the World Bank, in line with World Bank requirements

A more detailed list of services will be provided to the Environmental Specialist upon contract of employment.

Reports

The Consultant shall participate in the preparation and update of all progress reports and comment on any activity reports due to WB. He/she will fill in detailed time sheets on his/her activities and comply with his/her contract's requirements in terms of payment/time justification in the context of high accountability under IBRD financing. The reports prepared by the Consultant will be submitted to GDCA PIU.

Duration and Location of the Services

The services will be required on a full-time basis for an expected duration of the project. The Environmental Specialist is expected to commence work from June 2024, with two months' probation period and a renewable 1-year contract, if performance is satisfactory.

The position will be based in Ankara, and the consultant will be expected to travel to installation and civil works sites and other relevant sites under the project throughout project implementation.

Qualification Requirements

- At least bachelor's degree in **Environmental Engineering** or a related field (in which case, significant professional experience in the fields of environmental impact assessment, environmental management, pollution prevention or natural resource management including project-specific experience will have to be proven);
- Minimum **five years' general work experience** in water and/or wastewater and/or solid waste management or similar assignments/sectors;
- At least **three years'** relevant experience in management and/or preparation of ESMF/ESMPs and E&S due diligence studies and experience in the implementation of environmental and social policies of International Finance Institutions such as World bank/IFC/EBRD/EU, AFD and United Nations; in particular, extensive experience on projects financed by the World Bank will be viewed positively;
- Very good command of both written and spoken English and Turkish;
- Have a strong client orientation;
- Good computer skills with MS Office Applications;
- Ability to travel without restriction.

Methodology

The consultant will be hired following the guidance of World Bank's "Procurement Regulations for IPF Borrowers - November 2020 (Procurement Regulations)". The contracted position will be the Environmental Specialist of GDCA PIU in Ankara. The contract will be signed between the GDCA or his designee and the consultant.

Application

Curriculum vitae (CV) in English in the format given below together with a one-page application letter must be delivered to the address below in person or by e-mail, indicating the title and the reference code of the applied position in the subject line. The deadline for application is **May 14, 2024; 5:00 p.m. local time**. A confirmation will be shared upon receipt of application.

Ministry of Environment, Urbanization and Climate Change
General Directorate of Construction Affairs
External Investments Department
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SAMPLE CURRICULUM VITAE

Name of Staff :

Profession :

Date and Place of Birth :

Civil Status :

Home Address :

Phone **home** :

mobile :

E-Mail :

POSITION APPLIED :

KEY QUALIFICATIONS

Specific experience in:

-
-
-
-

EDUCATIONAL BACKGROUND

-
-
-
-

PROFESSIONAL EXPERIENCES

(Employment Record)

-
-
-

Language Proficiency:

1.	Excellent	Good	Poor
Reading			
Writing			
Speaking			

2.	Excellent	Good	Poor
Reading			
Writing			
Speaking			

3.	Excellent	Good	Poor
Reading			
Writing			
Speaking			

Computing Knowledge :

Experience in:

-
-
-

Membership of Professional Societies :

References and transcripts : **AVAILABLE UPON REQUEST**

Certification

I, the undersigned, certify that to the best of my knowledge and belief, this biodata correctly describes myself, my qualifications and my experience.

Signature

Date