

**REPUBLIC OF TURKEY**  
**MINISTRY OF ENVIRONMENT AND URBANIZATION**  
**General Directorate of Construction Affairs**

**SEISMIC RESILIENCE AND ENERGY EFFICIENCY IN PUBLIC BUILDINGS  
PROJECT**  
**(P175894)**

**TERMS OF REFERENCE  
FOR AN  
ENVIRONMENTAL SPECIALIST**  
(REF: WB/INDV-ES-01)

**Background**

The Ministry of Environment and Urbanization has applied for financing from the World Bank toward the cost of the Seismic Resilience and Energy Efficiency in Public Buildings Project (SREEPBP) and intends to apply part of the proceeds for consulting services. The implementation period will end on June 30, 2027. Financed by the proceeds of the Loan Agreement signed between the Ministry of Treasury and Finance, the Project holds a budget of USD 265.000.000.

The overall objective of the Project is to improve the disaster resilience and energy savings in selected central government buildings, and to strengthen the policy framework and institutional capacity to develop, finance and implement resilient and sustainable public buildings in Turkey.

The project will promote a strategic national approach to increasing 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 (estimated at more than 9 million public and private structures). Such an approach is expected to yield the following benefits: (i) reduction in total cost through shared labor and complementary concurrent investments; (ii) sustainability of EE improvements through the building lifetime and payback period by ensuring investment in earthquake resistant buildings; (iii) functional upgrades such as autonomous energy (e.g. solar panels), which are crucial to ensure energy supply and continuity of service in the aftermath of an earthquake where energy service can be disrupted for days or weeks; (iv) strengthening of roofs associated with EE that can also increase the performance of building during disasters; (v) assessing the full economic case for building improvement through strengthening and renovation versus demolishing and rebuilding for both disaster risk management (DRM) and EE objectives; (vi) increasing the efficiency of public service investments in structural improvements and EE through more rapid and lower cost testing of critical materials and equipment and by testing and scaling innovative approaches; and (vii) minimizing disruption to building occupants and government services.

Project includes three components: (i) investments in central government buildings for seismic strengthening and EE improvement; (ii) advanced technical assistance (TA) and capacity building; and (iii) project implementation support.

The General Directorate of Construction Affairs (GDCA) established a project implementation unit (PIU) which is responsible from overall implementation of the project such as selection of the buildings, procurement of the various contractors (e.g. structural studies, energy audits, technical designs, renovation works, construction supervision, savings verifications, technical assistance or consultancies, etc.).

## **Objectives**

The main objective 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 and 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. Keep the PIU management fully informed about environmental related topics and monthly environmental performance;
- e. 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;
- f. 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);
- g. 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;
- h. 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;

- i. 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);
- j. 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;
- k. Ensure compliance with ESMPs and other relevant management plans mainly monitoring plan onsite;
- l. 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;
- m. 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;
- n. Assist/participate in audits and monitoring missions conducted by the World Bank/Financial Institutions or the any other authorities including the Ministry of Environment and Urbanization;
- o. Conduct “on-the-job” or specific trainings on the environmental issues related to the project scope requested by the MoEU and ensure PIU and PIU teams are well aware of ESMF/ESMPs and the other relevant environmental issues of the Projects;
- p. 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 December 2021, 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 conduct site visits to the retrofitting/renovation works 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 **ten years' general work experience** in water and/or wastewater and/or solid waste management or similar assignments/sectors;
- At least **five 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;
- 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 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 October 22, 2021; 4:00 p.m. (Turkey Time).**

Attn: Gökhan Karagözlü  
Mustafa Kemal Mahallesi  
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E-mail: ihale.dky@csb.gov.tr  
web-site: <https://kamuguclendirme.csb.gov.tr>

**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:

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**EDUCATIONAL BACKGROUND**

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**PROFESSIONAL EXPERIENCES**

**(Employment Record)**

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**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:

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**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