

REPUBLIC OF TURKEY
MINISTRY OF ENVIRONMENT, URBANISATION AND CLIMATE CHANGE
GENERAL DIRECTORATE of CONSTRUCTION
Internationally Funded Seismic Retrofitting Department
SEISMIC RESILIENCE AND ENERGY EFFICIENCY IN PUBLIC BUILDINGS PROJECT

TERMS OF REFERENCE FOR
RECRUITMENT OF CIVIL ENGINEER

(Ref: WB/INDV-CE-03)

1.BACKGROUND

The Ministry of Environment, Urbanization and Climate Change has received 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 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 national strategic approach to increase 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 for the overall implementation of the Project, such as the 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.).

Within the framework of the Seismic Resilience and Energy Efficiency in Public Buildings Project (SREEPBP), a Civil Engineer (WB/INDV-CE-03) will be employed at the Project Implementation Unit of the General Directorate of Construction Affairs of the Ministry of Environment, Urbanization and Climate Change (MoEUCC).

2.OBJECTIVES

The main objective of the Consultant's services under this Terms of Reference (ToR) is to employ a Civil Engineer as an individual consultant who will work full-time in the Project Implementation Unit (PIU) to assist in the project implementation processes as specified in "Section 3. Scope of the Services", provides services for the monitoring of the activities planned within the Project.

3.SCOPE OF THE SERVICES

The Consultant shall;

- 1.Supervising the work of consultant companies (project designers, construction companies and supervision companies),
2. Examining and evaluating the technical proposals of Consulting Firms and contractors' proposals, providing input to technical evaluation reports and supporting PIU in contract negotiations,
3. Reviewing all inspections and designs to ensure compliance with best practices in matters related to the façade and building envelope,
4. To examine and compare the structural designs and calculations, structural drawings, costs and quantities regarding the renovation, strengthening and reconstruction works of public buildings within the scope of the project, and the necessary principles regarding construction and structural issues at the design, tender and tender stage.
5. To prepare technical reports such as tender documents, project review, approximate cost preparation and review, progress payment preparation, review and approval, price difference calculations work program, work increase/decrease, time increase/decrease, examine, review, project reports. , reviewing technical input on evaluation reports, project audit and acceptance/commissioning reports,
6. Visiting construction sites for periodic inspections in terms of compliance of field practices with relevant contracts and specifications, monitoring and reporting issues, contributing to and participating in project-related activities, checking and approving payment plans and progress payments.
7. Coordinating the monitoring of result indicators of renovations
8. Ensuring compliance with local building codes, material standards and engineering norms in Turkey throughout the design and construction of the renovation process,
9. Examining detailed technical designs and specifications, tender documents for renovation works, evaluating renewal offers, examining construction control reports,
10. Based on early project experience and input from design firms, develop/suggest technical standards and norms to be used in all future tender documents to ensure high and consistent quality,
11. To provide training to improve the technical capacities of PIU personnel on building renovations, reinforcement projects and progress payments,
12. To carry out other technical studies and duties requested by the General Directorate and PIU.

4. DURATION OF THE SERVICES

The services will be required on a full-time basis. The Consultant is expected to commence work from September 2024, with two months probation period and a renewable 1-year contract if performance is satisfactory.

5.QUALIFICATION REQUIREMENTS

- 1.Having at least a bachelor's degree in Civil Engineering, at least 5 years of professional experience in the construction industry, especially in field work and Public public payment affairs,
2. Having experience in the implementation of the Public Procurement Law (4734) and the Public Procurement Contracts Law (4735). Having experience in tasks and transactions such as preparation/control/approval of control payment programs and payments, preparation and control of work schedules, work increase/decrease time extension, price difference calculations, final account preparation.
3. Preferably to have experience in externally financed projects.
- 4.To be familiar with public administrative and bureaucratic procedures.
4. Being proficient in basic computer applications (Word, Excel, PowerPoint).
5. Oska, APM, autocad, Ms. Knowing professional programs such as Project and Primavera.
6. Not having any travel restrictions.

6.REPORTS

The Consultant shall submit brief monthly progress reports summarizing the Project related activities, issues, and recommendations during the assignment.

7.METHODOLOGY

The Consultant will be hired following the guidance of the World Bank's "Procurement Regulations for IPF Borrowers" – November 2020 ("Procurement Regulations"). The contract will be signed between the General Directorate of Construction Affairs of MoEUCC or his designee and the Consultant.

8.APPLICATION

Curriculum vitae (CV) in Turkish and 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 September 13, 2024, at 4:00 p.m. Turkey local time.** Confirmation will be shared upon receipt of the application.

Ministry of Environment, Urbanization and Climate
Change General Directorate of Construction Affairs
Internationally Funded Seismic Retrofitting
Department

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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			

* Language proficiency should be demonstrated through recognized language proficiency tests or assessments such as; YDS, TOEFL, IELTS. etc. Language proficiency statements without any proof will not be considered.

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