

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

TURKEY ENERGY EFFICIENCY IN PUBLIC BUILDINGS PROJECT
(P162762)

TERMS OF REFERENCE FOR
ENERGY EFFICIENCY TECHNICAL EXPERT
(Ref: EEPB/WB/MoEU/PIU-IND-01D)

1. BACKGROUND

The Ministry of Environment and Urbanization has received approval of financing from the World Bank towards the cost of the Energy Efficiency in Public Buildings Project (EEPBP) and intends to apply part of the proceeds for consulting services.

The project investments will focus primarily on the renovation of central public buildings with high energy consumption and shorter pay-back periods. The proposed project would be implemented through two components: (i) energy efficiency (EE) investments in central government buildings; and (ii) technical assistance (TA) and project implementation support.

The General Directorate of Construction Affairs (GDCA) under the Ministry for Environment and Urbanization (MoEU) has been delegated to assume overall responsibility for the project. This will include completion of the necessary activities to support project preparation as well as implementation for the five-year project period. In parallel, grant funding has been mobilized from the Clean Technology Fund (CTF) to help analyze the investment needs and potential of the central government buildings.

Through the Energy Efficiency in Public Buildings (EEPBP) Project, an estimated 500-700 public buildings will be renovated for energy efficiency.

The General Directorate of Construction Affairs (GDCA) has established a new department to carry out the project implementation unit (PIU) functions, including selection of the buildings, procurement of the various contractors (e.g. energy audits, technical designs, renovation works, construction supervision, savings verifications, technical assistance or consultancies, etc.), project implementation, monitoring and reporting.

Within the framework of the Energy Efficiency in Public Buildings Project, an EE Technical Expert (EEPBP/WB/MoEU/PIU-IND-01D) who will function as technical project manager will be employed at Project Implementation Unit of the General Directorate of Construction Affairs of Ministry of Environment and Urbanization (MoEU). The project manager will report to the PIU Coordinator.

2. OBJECTIVES

The main objective of the consultant's services under this TOR is to employ a technical project manager who will work in the Project Implementation Unit (PIU) to assist the project implementation activities and provide services for the coordination and monitoring of the activities under project.

3. SCOPE OF SERVICES

The Consultant will be expected to;

- a) Provide technical inputs to bidding documents, Terms of References, Project reports, bid evaluation reports, project supervision and acceptance/commissioning reports;
- b) Review detailed technical designs, renovation works and commissioning, ensure compliance with local building codes, material standards and engineering norms in Turkey throughout the design and construction of the renovation process;
- c) Visit project sites and monitor and report issues, contribute to organize and participate in project related events,
- d) Update and further refine the methodology for determining the energy and emissions savings for each project for reporting purposes, in consultation with MENR.
- e) Help supervise the work of the technical consultants (energy auditors, designers, construction companies, construction supervisors, and commissioning/measurement and verification or M&V consultants) for public building renovations to ensure a high degree of technical quality, adherence to national and project requirements, ensuring good practices for EE renovation, etc. This will include spot reviews of energy audits, detailed technical designs and specifications, tender documents for renovation works, evaluation of renovation bids, review of construction supervision reports, supervision of renovations, accuracy of energy savings (M&V reports);
- f) Identify training needs for the auditor/design/construction firms based on early implementation experiences, audit/design/construction deficiencies, variation reports, etc. and provide help in development and implementation of suitable training modules;
- g) Carry out other technical studies, trainings and assignments as requested the PIU Project Coordinator.

4. DURATION OF THE SERVICES

The services will be required preferably on a full-time basis. The Consultant is expected to commence work from February 2020, with two months' probation period and a renewable 1-year contract, if performance is satisfactory.

5. QUALIFICATION REQUIREMENTS

- A bachelor's degree in engineering, preferably in mechanical; an MS degree in energy, energy economics or other related areas is an asset.
- Minimum 7 years' experience in energy efficiency/building energy efficiency/ green building preferably with strong analytical skills combined with work experience in the building construction, renovation and/or building sector energy efficiency,
- Minimum three-year experience on carrying out energy audits, with knowledge of monitoring, review and evaluation processes and building energy efficiency policies and technologies.
- Understanding of energy savings and CO₂ emission reduction calculations, especially from the energy audit and implementation of its recommendations;
- Experience on Works or Supplies contracts, either in design, writing of specifications, bills of quantities, tender procedures or site works supervision;
- Familiarity with relevant legal, administrative and bureaucratic procedures;
- Excellent command of English and Turkish with strong writing/reporting skills.

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 World Bank's "Procurement Regulations for IPF Borrowers" (July 2016, revised November 2017 and August 2018) ("Procurement Regulations"). The contracted position will be the EE Technical Expert of GDCA's PIU in Ankara. The contract will be signed between the General Directorate of Construction Affairs of MoEU or his designee and the consultant. The recruitment of contract shall be a subject to "No objection" from the World Bank.

8. APPLICATION

Curriculum vitae (CV) in English 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 January 20, 2020; 5:00 p.m. local time.

Ministry of Environment and Urbanization
General Directorate of Construction Affairs
External Investments Department
Attn: Gökhan Karagözlü
Mustafa Kemal Mahallesi Eskişehir Devlet Yolu (Dumlupınar Bulvarı) 9. km. No: 278 Kat: 2
Çankaya / Ankara
Tel: 0 312 410 49 62
E-mail: yigmenerji@csb.gov.tr
web-site: <https://kamuenerji.csb.gov.tr>

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