

REQUEST FOR EXPRESSIONS OF INTEREST (CONSULTING SERVICES – FIRMS SELECTION)

PAKISTAN ELECTRICITY DISTRIBUTION EFFICIENCY IMPROVEMENT PROJECT (EDEIP)

Assignment Title: Project Implementation and Management Support Consultants (PIMSCs) for Hyderabad Electric Supply Company (HESCO)


Loan No.9318-PK

Reference No. (as per Procurement Plan): PK-HESCO-CS-01/2022

The Government of Pakistan has received financing from the World Bank towards the cost of the **Electricity Distribution Efficiency Improvement Project (EDEIP)** covering **selected areas of HESCO** and intends to apply part of the proceeds for consulting services.

The consulting services (“the Services”) are likely to include, but not limited to:

- (i) **Improving Grid Reliability.** Carrying out and reviewing load flow studies, demand/load forecasts, etc., preparation of design & drawings of 132KV grid stations with transmission lines as per required specifications/standards, preparation of specifications, tender design and bidding documents & BERs, approval/vetting of technical data, route surveys, line profile, preparation of implementation plan & monitoring of construction activities, work supervision, ensuring quality control, verification of contractor claims/bills, preparation of progress & completion reports, testing & commissioning etc. for investments in Secondary Transmission and Grid (STG) of the HESCO to improve reliability of electricity supply and reduce technical losses. The subprojects include:
 - a. Construction of two new 132 kV grid stations and the associated transmission lines;
 - b. One augmentation, one extension, one conversion of the existing grid stations;
 - c. Construction, rehabilitation and reconductoring of 132kV transmission lines with HTLS conductors;
- (ii) **Modernizing Operations and Management.** Development of systems and support in modernization of the HESCO operations and management functions using latest equipment, technology and information systems. Major activities include:
 - a. Preparation of feasibility studies for successful implementation of (i) Deploy Asset and Inventory management System (ii) SCADA or equivalent system for HESCO’s 80 No. Grid stations (iii) Enterprise Resource Planning (ERP) solutions and detailed rollout plan (iv) Customer//Consumers Management system.
 - b. Assist HESCO effectively to carryout revenue and equipment protection Program. It will comprise of installation of Advanced Metering Infrastructure (AMI) with about 30,000 meters including transformer monitoring system to be installed on distribution transformers along with data acquisition, monitoring


Chief Engineer (Development)
PMU, HESCO, Hyderabad

