

# Quetta Electric Supply Company



**HIRING OF CONSULTANCY FIRM FOR VALIDATION OF  
TECHNICAL FEASIBILITY PC-II AND PC-I OF QESCO  
7<sup>TH</sup> SECONDARY TRANSMISSION & GRID (STG)  
PROJECT.**



## **1. TERMS OF REFERENCE**

### **1.1. Background Information**

Area Electricity Board (AEB) Quetta was one of the eight AEBs constituted through amendments in WAPDA Act during 1981. Later on Government of Pakistan under the Power Sector Restructuring Program approved revamping of WAPDA power sector, resultantly twelve corporate entities were formed including Eight Distribution and Supply Companies (DISCOs), one National Transmission and Dispatch Company (NTDC) and three Generation Companies (GENCOs). All these companies have been incorporated under Companies Ordinance 1984.

QESCO was incorporated on 13th May, 1998 vide company registration No. 0039092 of 1997-98 under section 32 and certificate for commencement of business was obtained on 1st July, 1998 under section 146(2) of Companies Ordinance 1984.

The main objective of the company was to acquire/take over those properties, rights, and liabilities of Pakistan Water and Power Development Authority (WAPDA) comprising of administrative division formally known as the Quetta Area Electricity Board (AEB) and to carry on, expand and extend the business and activities.

### **QESCO**

### **1.2. Scope of Work**

The consulting firm will be required to perform the following Tasks:

- Task 1.** Consultancy firm will validate the feasibility report (PC-II) & (PC-1) of 7<sup>th</sup> STG.
- Task 2.** Consultancy firm will validate Load Flow Study and Load Forecast report on the basis of which PC-I & PC-II have been prepared.
- Task 3.** Consultancy firm will validate Tangible and Intangible Benefits of the Project on the basis of Project Cost Estimates and Project Savings calculated through PSS/E Software.
- Task 4.** Consultancy firm will validate Capital Cost Estimates and Streamline the Project Objectives, Description, Justification, Technical Parameters, and the summary of 7<sup>th</sup> STG Project.
- Task 5.** Consultancy firm will prepare Implementation schedule of PC-I on Primavera/SAP-PS/ MS-Project.
- Task 6.** Consultancy firm will identify Result Based Monitoring (RBM) Indicators of the 7<sup>th</sup> STG Project using Inputs & Outputs of the Project with Baseline Indicators, Targets after Completion of the Project and their Targeted Impacts.



- Task 7.** Consultancy firm shall also validate Financial Analysis prepared by QESCO Team. The Analysis will include Net Present Value (NPV), Financial Internal Rate of Return (FIRR), Sensitivity Analysis with 10% increase in Cost and 10% Decrease in Revenue, Benefit/Cost Ratio, Pay Back Period, Economic Internal Rate of Return (EIRR) etc. of the Project.
- Task 8.** Consultancy firm will also prepare Demand & Supply Analysis, suitable Financial Plan, Social Benefits, and Employment Generation resulting from the execution of 7<sup>th</sup> STG Project.
- Task 9.** The Consultancy Firm will also validate the measures adopted to mitigate the environmental and social impacts resulting from the execution of the Project and propose remedial measures to resolve the Right of Way Issues in the Project.
- Task 10.** The Consultancy Firm will assess the escalation rate to be adopted keeping in view of the Year to Year historical Indexes (CPI, WPI & SPI) of Pakistan Bureau of Statistics.
- Task 11.** Consultancy firm will also prepare its final report on Feasibility PC-II of 7<sup>th</sup> STG.
- Task 12.** Consultancy firm will also prepare its final report on PC-I of 7<sup>th</sup> STG.
- Task 13.** Consultancy firm will also prepare its final report on Load Flow/Short circuit Analysis of 7<sup>th</sup> STG Projects identifying year wise impact of Sub Projects on the basis of with & without reinforcement scenarios.
- Task 14.** Consultancy firm will also prepare its final report on Load Forecast of QESCO amidst National Generation & Transmission Plans.
- Task 15.** Consultancy firm will make the presentation regarding PC-II & PC-I of 7<sup>th</sup> STG Project for perusal of QESCO Development Working Party(QESCO-DWP) as and when required.
- Task 16.** Consultancy firm will incorporate the suggestion of QESCO Development Working Party (QESCO-DWP) in relevant PC-II & PC-I of the Project.

### **1.3. Deliverables**

Consultant shall deliver:-

- i. Final Draft report on PC-II of the 7<sup>th</sup> STG Project
- ii. Final Draft report on PC-I of the 7<sup>th</sup> STG Project
- iii. Final Draft report on Load Flow & Short Circuit Analysis of the 7<sup>th</sup> STG Project
- iv. Final Draft report on Load Forecast of QESCO
- v. Presentation to QESCO Development Working Party (QESCO-DWP)
- vi. Final report after Incorporating QESCO Development Working Party (QESCO-DWP)'s suggestions.



## **2. CRITERIA FOR EVALUATION OF EXPRESSION OF INTEREST (EOI)**

**2.1.** Expression of Interest shall be evaluated of each interested participants on following grounds and the RFP will be issued to shortlisted firms accordingly.

- **Management Competence (30%)**
  - Proposed Quality Control
  - Proposed Management Coordination
  - PEC Registration (Category???)
- **Technical Competence (70%)**
  - Specific Experience w.r.t Assignment
  - Firm's specialization with respect to sectorial focus of the assignment
  - Methodology w.r.t TOR
  - Contracts Managed

**1.1.** A firm must secure minimum 70% in all to be shortlisted.

**1.2.** In Case of JV/Consortium, The lead partner must meet the management and technical competence requirement.

**1.3.** The Participating Firms will be informed

**NOTE:** QESCO reserves the right to accept or reject any EOI without any justification.



### **3. TEMPLATE FOR EXPRESSION OF INTEREST (EOI)**

#### **3.1. Firm Information**

##### **A. Name and address**

- Name of the firm:
- Address:
- Telephone No: &Fax No.:
- Email: & P.O. Box No:

##### **B. Date of establishment:**

##### **C. Core Area of expertise of the firm**

##### **D. Contact person:**

- Name:
- Designation:
- Telephone No: &Email:

##### **E. Proposed lead person:**

- Name:
- Education:
- Experience year:
- Area of Expertise:

##### **F. Local Office:**

- Location:
- Staff:

##### **G. Associations (Joint Venture or Sub-consultancy)**

- Name of the firm:
- Address:
- Joint Venture or Sub consultant:
- Introduction and Background:

#### **3.2. Management Competence of the firm:**

- A.** Standard policies, procedures, and practices that your entity must assure quality interaction with clients and outputs.
- B.** How will your firm/consortium handle feedback concerning the performance of experts or quality of the reports submitted for such assignment?



- C. How will you ensure the quality of your firm's/consortium's performance over the life of this assignment?
- D. Describe standard policies, procedures and past practices that your firm has put in place to avoid changes/replacements of personnel and to ensure the continuity of professional services once contracted?
- E. Provide ISO certificates regarding consultancy services of your firm along with any other international certification.

### **3.3. Experience of the Firm**

#### **A. General experience of the firm**

- Project References
- Summary of the Project
- Country
- Finance Resources
- Relation to this Assignment
- Firm specialization w.r.t utility focus.

#### **B. List of all experiences of the firm during the last 10 years along with Key Activities performed.**

- Project References
- Summary of the Project
- Country
- Finance Resources
- Relation to this Assignment

#### **C. Specific experience of the firm that best fit with proposed TORs**

- List of specific experiences related to this assignment of the firm during the last 10 years.
- Project References
- Summary of the Project
- Technology Proposed(Breakdown)
- Country
- Finance Resources
- Relation to this Assignment.



**3.4. Methodology with reference to TORs**

**3.5. Suggestions**

**3.6. Other Information**

**3.7. Comments on TORs**

**3.8. Comments on Duration**

**3.9. Supporting documents:**

- A. Company Profile
- B. Legal documents
- C. Any Other document deemed necessary

The Consultant must submit one (1) original and two (02) copies at the address:

*CE (DEV) PMU  
QESCO ead Quarter  
Zargoan Road Quetta  
Phone # 081-9201750  
Fax # 081-9201628  
qescocedev@gmail.com*



## Request for Expression of Interest (EOI)

### Hiring of Consulting Firm for validation Technical Feasibility PC-II and PC-I of QESCO 7<sup>th</sup> STG Secondary Transmission & Grids (STG) Projects.

1. Quetta Electric Supply Company (QESCO) is a power distribution company which was incorporated on 13<sup>th</sup> May 1998 under Companies Ordinance 1984. The core function is to supply, distribute and sell power (electricity) in the area entire Balochistan except District Lasbela. It serves about 0.65 million consumers directly but touches the lives of more than 12.344 million people living in the 33 districts of its Jurisdiction.
2. Quetta Electric Supply Company (QESCO) intends to hire the services of consultant for validation of Feasibility Study PC-II and PC-I of the 7<sup>th</sup> STG Projects prepared by QESCO and to invite EOI "Expression of Interest" from consulting firms. The method of section will be made on Quality and Cost Based Section (QCBS).
3. EOI documents containing terms and conditions, etc. are available from the office of the Chief Engineer (Development) PMU QESCO Quetta and EOI documents can also be downloaded from QESCO website [www.qesco.com.pk](http://www.qesco.com.pk).
4. **Tender documents can be obtained from the office of Chief Engineer (Development) PMU QESCO Headquarter Zarghoon Road Quetta after payment of Rs. 3000/- per tender (non refundable) upto tender opening date.**
5. The EOI must reach at the office of Chief Engineer (Dev) PMU, QESCO Quetta before 23 June, 2020 1100 hours **and will be opened on the same day at 11:30 AM**
6. This advertisement is also available on PPRA website at [www.ppra.org.pk](http://www.ppra.org.pk).
7. Request for Proposal will be issued only to shortlisted firms.

**Manager Procurement**  
**o/o CE (Dev) PMU QESCO Quetta**  
**QESCO Headquarter Zarghoon Road Quetta**  
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**Phone No. 081-2901750 Fax#081-9201628**