

Govt. of the People's Republic of Bangladesh
Ministry of Power, Energy and Mineral Resources
Power Division
Power Cell

Biddiyut Bhaban (Level 10), 1, Abdul Gani Road, Dhaka 1000, Bangladesh.
(www.powercell.gov.bd)

**REQUEST FOR EXPRESSIONS OF INTEREST (REOI)
FOR CONSULTING SERVICES FOR ANALYSIS OF TRANSMISSION AND
DISTRIBUTION LOSSES AND ESTABLISHING LOSS TARGETS**

No: 27.71.0000.005.10.055.17-361(1)

Date: 29-03-2017

1. The power sector in Bangladesh has gone through a revolutionary change since 2009. The generation capacity has reached at above 15,000 MW and actual generation has picked upto 9036 MW. In order to achieve the goal set by the government, power system of Bangladesh needs to be further strengthened by efficiency improvement in transmission and distribution sectors. Hence, a study is required to identify the way to reduce the system loss as well as improve the condition of power sector. The objectives of the study is to disaggregation of technical and commercial losses in each transmission and distribution entity, standardization of losses, setting annual loss targets and frame out a strategy to reduce losses.
2. Government has assigned Power Cell, Power Division, to appoint consulting firm to conduct a study for Analysis of Transmission and Distribution Losses and Establishing Loss Targets of the respective entities under the Technical Assistance (TA) component of Bangladesh Power System Enhancement and Efficiency Improvement Project to be financed by the Asian Development Bank (ADB).
3. Power Cell now invites applications from eligible consulting firms with the following team composition. The qualification and the required eligibility of the Consultants are given below:
 - a. Team Leader / Power Distribution Planning Specialist (International)-1 person**
At least Master degree in Electrical Engineering with a minimum 20 years of professional experience in power distribution planning and modeling, distribution line design, system analysis, operation, software based data analysis and maintenance of electric utility.
 - b. Power Transmission Planning Specialist (International)-1 person**
At least Master degree in Electrical Engineering with a minimum 15 years of professional experience in power transmission planning and modeling, transmission line design and grid operation.
 - c. Distribution Modeling Engineer (International)-1 person**
At least bachelor degree in Electrical Engineering with minimum 8 years professional experience in electric utility. Specifically in data preparation, metering and system analysis.
 - d. Power Distribution Planning Specialist (National)-1 person**
At least bachelor degree in Electrical Engineering with minimum 10 years of working experience in similar job preferably in distribution planning, design and load flow analysis. S/he should have experience in modeling process and distribution software.
 - e. Power Transmission Planning Specialist (National)-1 person**
At least bachelor degree in Electrical Engineering with a minimum 10 years of working experience in power transmission planning, design and grid operation.




f. Distribution Modeling Engineer (National)-1 person

At least bachelor degree in electrical engineering with minimum 5 years professional experience in power distribution system. S/he must be well conversant with WindMil software or recognized distribution planning and design software.

g. Distribution Engineer (National)-2 Persons

At least bachelor degree in Electrical Engineering with minimum 5 years professional experience in power distribution system.

4. Applicants will be selected in accordance with the procedures set out in the ADB's Guidelines. The consultants will be selected based on the following evaluation criteria:
 - a. Age of the firm
 - b. Experience of the firm in Bangladesh Power Sector
 - c. Experience of the firm in similar assignment
 - d. Experience of firm in donor funded project
 - e. Qualification and experience of the key professionals
 - f. Work methodology and plan
5. Detail Scope of Work will be available in the Terms of Reference (TOR) which can be downloaded from the website of Power Cell (www.powercell.gov.bd) and ADB website from the date of publication of EOI.
6. Consulting firms are requested to submit their EOI to the above mentioned address within the submission deadline of 5th May, 2017, 17:00 hrs (BST). Any submission received after the confirmed submission date will not be accepted.
7. The Authority reserves the right to accept or reject any or all EOIs without showing any reason.

 29/3/17

(Mohammad Hossain)

Director General

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