

**REQUEST FOR EXPRESSIONS OF INTEREST (REOI)
FOR**

Appointment of Consulting Firm for Establishment of Building Energy Efficiency Rating System for SREDA

No: 27.00.0000.085.11(08).41.21 -968

Date: 02/08/2021

1. Electricity plays a pivotal role for the socio-economic development of a country. Hon'ble Prime Minister has announced the 'Vision 2021' with the target of ensuring affordable and quality energy supply for all. In order to achieve the goal set by the government and attain the Sustainable Development Goals, the Government is giving equal emphasis on Energy Efficiency and Energy Conservation. Energy Efficiency & Conservation is an important factor to ensure proper utilization of electricity, gas, water and others resources. Government has prepared an Action Plan to ensure Energy Efficiency & Conservation (EE&C) both at supply and demand side. The Government has set the following targets for energy saving:
15% reduction in Primary Energy Consumption per GDP by 2021, and
20% reduction in Primary Energy Consumption per GDP by 2030
2. Large buildings are increasingly energy intensive, and require a national procedure to establish their energy efficiency. The Bangladesh National Building Code (BNBC), 2012 is a mandatory requirement, with recommendations on the building envelope that have an indirect impact on building energy efficiency. On energy efficiency improvement requirements, the code carries specific recommendations on day lighting and lighting systems, lighting power density, occupancy sensors, lifts and escalators, renewable energy options and heating ventilation and air conditioning (HVAC) systems and water management system.
3. Aligning with BNBC-2012, Sustainable and Renewable Energy Development Authority (SREDA) has formulated "Building Energy Efficiency and Environment Rating (BEEER)". This document is a guideline to evaluate, assess and certify a building from the perspective of energy consumption, efficiency improvement and conservation during the construction and operation phases. Now it is required to find out a mechanism to establish this rating system.
4. With this end in view, Power Division, Ministry of Power, Energy and Mineral Resources intends to appoint a Consulting firm to conduct a study for establishment/operationalization of BEEER for SREDA under the Technical Assistance (TA) component of Bangladesh Power System Enhancement and Efficiency Improvement Project being financed by the Asian Development Bank (ADB).
5. Power Division now invites applications from eligible consulting firms with the following key experts:
 - a) Building Energy Efficiency Specialist/Team Leader (Position-1, International, 06 person months)
 - b) Energy Specialist (Position-1, International, 06 person months)
 - c) Architect (Position-1, National, 06 person months)
 - d) Construction Expert (Position-1, National, 04 person months)
 - e) Policy Expert (Position-1, National, 3 person months)
 - f) IT Expert (Position-1, National, 3 person months)
 - g) Financial/Economic Analyst (Position-1, National, 3 person months)
6. Firm 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. Technical Competence
 - b. Geographical Experience
 - c. Management Competence
7. Detailed Scope of Work and qualification of key professional will be available in the Terms of Reference (TOR) which can be downloaded from the website of Power Division (www.powerdivision.gov.bd/) Power Cell (www.powercell.gov.bd/), CPTU and ADB CSRN from the date of publication of EOI.
8. Consulting firms are requested to submit their EOI to the above mentioned address within the submission deadline of 09 September, 2021. Any submission received after the confirmed submission date will not be accepted.
9. The Authority reserves the right to accept or reject any or all EOIs without showing any reason.

(Handwritten Signature)

(Md. Nurul Alam)

Additional Secretary

(Planning)

and

Project Director, BPSDCB

Tel: 02-9515422

Email: addlplanning@pd.gov.bd