



**Power Division**

Technical Assistance for Bangladesh Power Sector Development and Capacity Building  
Bidyut Bhaban (11<sup>th</sup> Floor),  
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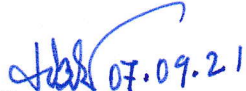
**REQUEST FOR EXPRESSIONS OF INTEREST (REOI)  
FOR**

**APPOINTMENT OF CONSULTING FIRM FOR PRE-FEASIBILITY AND DETAIL FEASIBILITY STUDY TO  
DEVELOP OFF-SHORE WIND FARMS IN BANGLADESH**

No: 27.00.0000.085.11(06).31.21 -1020

Date: 7/09/2021

1. Offshore electricity generation, mainly from wind, has increased world-wide rapidly in recent years. Wind and other marine technologies are emerging at present as an alternative energy options including low-carbon sources of electricity generation. Ocean offers enormous potential for the generation of renewable. The global offshore wind prospect estimates that the installed capacity could grow to 175 GW by 2035. In recent years the off-shore wind technology has become mature enough to be deployable with minimum risk. Bangladesh can enjoy manifold benefits of implementing off-shore wind such as faster wind speeds than on land with a small increase in wind speed can yield large increase in energy production, no barriers to wind flow at sea as compared to hills and mountains, tower frame can be lower on the sea and greater wind speed can be gained in the lower height, does not occupy valuable land area, does not involve issues such as land acquisition and environmental impact is far smaller, etc.
2. Bangladesh has immense possibilities for harnessing resources from the 26 blocks in deep and shallow seas, covering more than 118,813 square kilometers of waters altogether comprising territorial sea and an exclusive economic zone extending out to 200 nautical miles (370 km). Beside oil and gas exploration, offshore winds off the coast of Bay of Bengal hold the best source of wind energy. Bangladesh can tap into this resource to ensure a diversified portfolio of renewable energy sources.
3. Therefore, Bangladesh is intending to identify the potential blocks in its offshore regime to develop wind farms. For meeting the above purposes, Power Division, Ministry of Power, Energy and Mineral Resources taken initiative for Appointment Of Consulting Firm For Pre-Feasibility And Detail Feasibility Study To Develop Off-Shore Wind Farms In Bangladesh under the Technical Assistance (TA) component of Bangladesh Power System Enhancement and Efficiency Improvement Project to be financed by the Asian Development Bank (ADB).
4. Power Division now invites applications from eligible consulting firms with the following key experts:
  - a) Wind Energy/ Technical Expert (Team Leader) (Position-1, International)
  - b) Transmission Expert (Position-1, International)
  - c) Marine Expert (Position-1, International)
  - d) Civil Engineer (Position-1, International)
  - e) Financial/Economic Analyst (Position-1, National)
  - f) Environmental Expert (Position-1, National)
  - g) Legal and Institutional Expert (Position-1, National)
5. 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
6. Detail 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](http://www.powerdivision.gov.bd))/Power Cell ([www.powercell.gov.bd](http://www.powercell.gov.bd)) , CPTU and ADB CSRN from the date of publication of EOI.
7. Consulting firms are requested to submit their EOI to the above mentioned address within the submission deadline of 14<sup>th</sup> October, 2021. Any submission received after the confirmed submission date will not be accepted.
8. The Authority reserves the right to accept or reject any or all EOIs without showing any reason.

  
(Md. Nurul Alam)  
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and

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