

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

**Power Cell**

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(www.powercell.gov.bd)

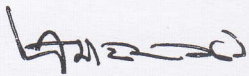
**Request for Expressions of Interest (REOI)**

**for Appointment of Individual Consultant for Supervision of Turnkey Contract (Owner's Engineer)  
for Municipal Solid Waste Based Grid Connected Pilot Power Project at Keraniganj, Dhaka**

No: 27.71.0000.005.10.057.2017-229

Date:23-02-2017

1. The People's Republic of Bangladesh has received a credit from the International Development Agency towards the cost of the Rural Electrification and Renewable Energy Development II (RERED II) Project and it intends to apply part of the proceeds of this credit to payment under the Contracts for appointment of individual consultants for supervision of turnkey contract (Owner's Engineer) for grid connected power plant based on municipal solid waste under pilot project at Keraniganj, Dhaka.
2. Bangladesh Government has given significant importance to generate electricity from Renewable Energy (RE). Govt. has already set a target to generate 10% of total electricity from RE. Accordingly RE resource-wise generation target has been set upto 2021. As part of RE development program, Govt. has taken initiatives to generate electricity using Municipal Solid Waste (MSW). Bangladesh Power Development Board (BPDB) is in the process of selection of EPC Contractor for Design, Supply, Construction, Testing & Commissioning for the pilot project for establishing Municipal Solid Waste based 1 MW  $\pm$  10% Grid connected Power Plant on Turnkey Basis at Keraniganj, Dhaka. Now BPDB requires Owner's Engineer for evaluation of technical & financial bids and for the supervision and monitoring of this Project.
3. The key functions of the consultant are to review and finalize design, drawing and specification; assist Project Director in technical and financial evaluation, monitoring and supervision of the project, overseeing of construction, testing and commissioning of the power plant etc. Detail scope of services is given in the TOR.
4. The list of specialists and their required eligibility are given below:
  - a) **Lead Expert (International):** Candidates should have at least a Bachelor's degree in Engineering or a Master's degree in Science with 10 years relevant and proven experience in the relevant field;
  - b) **Junior Expert (International):** Candidates should have at least a Bachelor's degree in Engineering or a Master's degree in Science with 5 years relevant and proven experience in the relevant field;
  - c) **Expert (National):** Candidates should have at least a Bachelor's degree in Engineering or a Master's degree in Science with 5 years relevant and proven experience in the relevant field.
5. The consultants will be selected based on the following evaluation criteria:
  - Educational Qualification
  - Overall Work Experience
  - Relevant Work Experience
  - Local/Regional Work Experience
6. Detailed Terms of Reference (TOR) can be downloaded from websites of Power Cell ([www.powercell.gov.bd](http://www.powercell.gov.bd)), BPDB ([www.bpdb.gov.bd](http://www.bpdb.gov.bd)) and UNDB from the date of publishing of EOI. Expression of Interest must be delivered to the address below within **30<sup>th</sup> March, 2017, 17:00 hrs BST**. Any submission received after the deadline will not be accepted. The Authority reserves the right to accept or reject any or all EOIs without showing any reason.



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