

**RESEARCH GRANT OPPORTUNITY  
FOR  
RENEWABLE ENERGY APPLIED  
RESEARCH PROJECTS**

Program Solicitation: EPRC/58-2018-001

<http://researchgrant.eprc.gov.bd/>

**Bangladesh Energy and Power Research Council  
Power Division**

January 2018

# **PROGRAM REQUIREMENTS**

## **Program Title:**

Research Grant Opportunity for Renewable Energy Applied Research Projects

## **Synopsis of Program:**

The purpose of this solicitation is to fund applied research projects that develop technologies, tools, and strategies to reduce technological and economic barriers for upgrading, repowering, and expanding renewable energy and enable higher renewable energy contribution to the national electricity mix. Specifically, funded projects under this grant solicitation will develop and upgrade technologies, strategies, and tools to maximize the use of renewable energy resources in Bangladesh, reduce the cost of energy and implementation, improve reliability and flexibility of power systems with large-scale integration of renewable energy.

Funded projects will help increase renewable energy generation, expand national installed capacity and generation, and improve the reliability and flexibility of sustainable power systems. These projects will develop technologies which can be replicated at different locations in Bangladesh and will increase economic competitiveness of renewable energy and cost-effectiveness of investments.

## **Research Focus Areas:**

Proposer submitting applied research proposals should address one of the following key research topics of interest, but are not limited to:

- Solar
- Wind
- Bio-mass, waste to power and run of river hydro
- Renewable Energy Interconnection challenges and requirements (including the role of energy storage)
- Distributed Energy Resource (DER) Integration into grid (Power Quality issues such as LVRT, frequency regulation, voltage stability)

### **Award Information:**

The maximum funding amount and maximum duration for each funding initiative is listed below:

<b>Program Solicitation</b>	<b>Maximum Project Duration</b>	<b>Maximum award amount Per Project</b>
Renewable Energy	3 Years	5,00,00,000/-taka

EPRC reserves the right to:

- Increase or decrease the group maximum award amount described in this section.

### **Key Activities Schedule:**

Key activities, dates, and times for this solicitation and for agreements resulting from this solicitation are presented below. An addendum will be released if the dates change for activities:

<b>ACTIVITY</b>	<b>DATE</b>	<b>TIME</b>
Solicitation Release	January03, 2018	
Deadline to Submit Applications	February18, 2018	5:00 p.m. BST
Anticipated Notice of Proposed Award (NOPA) Posting Date	April 18, 2018	
Anticipated Grant Agreement Start Date	May 2018	

### **Eligibility Information:**

#### **Who May Submit Proposals:**

The categories of proposers eligible to submit proposals to EPRC are identified in the *EPRC Grants Proposal Submission Guideline (Version-1)*, Section-3.

**Limit on Number of Proposals per Organization:**

There are no restrictions or limits.

**Limit on Number of Proposals per PI or Co-PI: 1**

An individual may be listed as PI, co-PI, and/or senior personnel on no more than one proposal submitted in response to this solicitation.

**Proposal Preparation and Submission Instruction:****Full Proposal:**

- Letter of Intent (LoI) or Preliminary Proposal Submission is not required. Proposer must submit full proposal via EPRC's online portal: (<http://researchgrant.eprc.gov.bd>)
- EPRC Grants Proposal Submission Guideline (Version-1) apply. The complete text of the mentioned guideline is available electronically on the website at: (<http://www.eprc.gov.bd/site/view/notices>)

**Collaboative Proposal:**

- Proposers from two or more organizations may collaborate on a unified research project and submit the applied research projects under this solicitation.

**Engaging Industry:**

- Industrial engagement in cash or kind is highly encouraged for applied research projects submitted under this solicitation.

**Proposal Evaluation and Award Information:**

EPRC Grants Proposal Evaluation Guideline (Version-1) applies. The complete text of the mentioned guideline is available electronically on the website at: (<http://www.eprc.gov.bd/site/view/notices>)

## **Enquiries:**

During the solicitation process, direct questions to the Council Officers listed below:

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