

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

Program Solicitation: EPRC/58-2022-009

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

**Bangladesh Energy and Power Research Council
Power Division
November 2022**

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:

Proposers 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 project are listed below:

Program Solicitation	Maximum Project Duration	Maximum award amount Per Research Project
Renewable Energy	3 Years	BDT 4,00,00,000

BEPRC reserves the right to:

- Increase or decrease the duration and maximum award amount mentioned above.

Key Activities Schedule:

Key activities, dates and times for this solicitation and agreements resulting from this solicitation are presented below. An addendum will be released for any kind of amendment:

ACTIVITY	DATE	TIME
Solicitation Release	November 21, 2022	11:59 PM
Deadline to Submit Applications	December 19, 2022	
Anticipated Notice of Award (NOA) Posting Date	01 May 2023	
Anticipated Grant Agreement Start Date	15 May 2023	

Eligibility Information:

Who May Submit Proposals:

The categories of proposers eligible to submit proposals to BEPRC are described in the *BEPRC Grants Proposal Innovation Guideline*.

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 in a single proposal under this solicitation. Listing of an individual in multiple projects under the same solicitation will result in rejection of the proposal.

Proposal Preparation and Submission Instruction:

Full Proposal:

- Proposer must submit full proposal via BEPRC's online portal: (<http://researchgrant.eprc.gov.bd>)
- *BEPRC Grants Proposal Innovation Guideline* will be applicable. The complete text of the mentioned guideline is available at: (<http://researchgrant.eprc.gov.bd>)

Collaborative Proposal:

- Proposers from two or more organizations may collaborate on a unified research project and submit the applied research projects under this solicitation. The PI must be a residential Bangladeshi.

Engaging Industry:

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

Proposal Evaluation and Award Information:

BEPRC Grants Proposal Innovation Guideline applies. The complete text of the mentioned guideline is available at: (<http://researchgrant.eprc.gov.bd>)

Inquiries:

Following officials may be contacted in case of any query:

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