

**RESEARCH GRANT OPPORTUNITY
FOR
TRANSMISSION AND DISTRIBUTION
INTEGRATION AND INFRASTRUCTURE APPLIED
RESEARCH PROJECTS**

Program Solicitation: EPRC/58-2018-007

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

Bangladesh Energy and Power Research Council

Power Division

July 2018

PROGRAM REQUIREMENTS

Program Title:

Research Grant Opportunity for Transmission and Distribution Integration and Infrastructure Applied Research Projects

Synopsis of Program:

This solicitation mainly concentrates to fund applied research based projects that would blossom technologies, tools, and strategies paving the way for innovative technologies for improving transmission and distribution sector of Bangladesh. Specifically, funded projects under this grant solicitation will develop and upgrade technologies, strategies, and tools to better T&D line monitoring technologies, develop low cost synchronized monitoring technologies.

Funded projects will help new or improved technologies to incorporate data analytics techniques to identify anomalies, theft, cyber-security etc. Moreover, this solicitation is intended to research activity on smart-grid system in the perspective of Bangladesh.

These projects will develop technologies which can be replicated at different locations in Bangladesh and will ensure the stability, reliability of the national grid, security, dynamism of the grid and smartness of transmission as well as distribution sector of Bangladesh.

Research Focus Areas:

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

- Efficiency and losses
- T&D grid modernization
- Smart Metering
- Protection, Automation and Control
- Impact on grid due to renewable energy integration
- System Stabilization

Award Information:

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

Program Solicitation	Maximum Project Duration	Maximum award amount Per Research Project
Transmission and Distribution Integration and Infrastructure	3 Years	4,00,00,000/-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:

ACTIVITY	DATE	TIME
Solicitation Release	July 22, 2018	
Deadline to Submit Applications	September 11, 2018	
Anticipated Notice of Proposed Award (NOPA) Posting Date	January 2018	
Anticipated Grant Agreement Start Date	February 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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