



CENTRAL POWER RESEARCH INSTITUTE

(A Govt. of India Society, Ministry of Power)

Prof.Sir C.V.Raman Road, Sadashivanagar P.O.

PB No.8066, BANGALORE – 560 080

Call for proposals for research on “Cyber-security of Power Sector”

The Indian Power System have heavily adopted information technology (IT) to perform real-time control, monitoring, and maintenance tasks. This has improved the operational aspects of Power System but has led the Power sector exposed to numerous cyber threats. Power Sector being a strategic and critical sector, any threat to Power Supply system can have catastrophic effects, even potential to cripple the entire country.

Thus research proposals are invited under the “R&D schemes of Ministry of Power being implemented through CPRI” for research on cyber security aspects of the Power Systems. The outcome of the research proposals may be but not limited to the following:

1. Pro-active detection, prevention and resolution of various cyber security threats in Generation/Transmission and Distribution systems
2. Detection of any embedded malware/Trojans/cyber threats in the equipment, components, and parts for use in the Power Supply System
3. Development of a response mechanism for cyber-attack on power system

The duration of the project may be for one year and a working prototype or software is expected as a deliverable for the project.

Proposals along with technical and financial particulars may be submitted in the prescribed format (available in the CPRI website: <https://www.cpri.in/r-a-d-schemes/research-scheme/research-scheme-on-power-rsop/list-of-rsop-formats>) to:

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| Additional Director (R&D Management Division) Central Power Research Institute, Prof.Sir.C.V.Raman Road, Sadashivanagar P.B.No.8066, Bangalore -560 080 | Phone - 080-2207-2234 Fax - 080-2207-2213 E-mail: rad@cpri.in |
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The soft copy of the proposal may be sent to rnd@cpri.in

Last date for submission of proposals is 15th January 2021.