

ONGC Energy Centre

OEC/RD/2017-18/01

12th April, 2017

Call for Proposals

Design, Development and Demonstration of Bulk Electrical Storage Devices

ONGC Energy Centre (OEC) is interested in collaborative R&DD with academic/scientific research institutions of repute to work on "Design, Development and Demonstration of Bulk Electrical Storage Devices", suitable for integration with Solar and/or Wind energy system.

Various technology options, except commercially available lead-acid batteries can be considered. The minimum storage capacity to be developed and demonstrated under the project should be at least 10 kWh. Development of higher storage capacity will be preferred and encouraged. The Technology developed should have potential for commercial production suitable for large scale energy storage with the Grid interactive Solar and/or Wind energy system.

Interested groups may like to send a technical note of about 4 pages mentioning the proposed technology to be developed, work plan, methodology, expected output and the proposed time frame. The proposal should include among other things, the charge - discharge efficiency, maximum depth of discharge, self-discharge rate, cycle life, temperature coefficients, nominal voltage and likely material and processing cost in large volumes etc. Availability of basic infrastructure relevant to the development may also be elaborated. Involvement of industrial group may also be considered. **This technical note may please be sent by E-mail to OEC by 30th May, 2017. Contact E-mail: oec_rd@ongc.co.in**

Based on the initial Expression of Interest, OEC will further interact with the interested groups to discuss about the proposed work to develop a detailed proposal, which will be as per OEC guidelines and formats available on OEC web pages on website <http://www.ongcindia.com/wps/wcm/connect/ongcindia/home/ongc-energy-centre> (Invitation Seeking Proposals)

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