

## INVITATION FOR BIDS

### EPC for 10 MW/40 MWh Battery Storage System

**Publication date:** 22<sup>nd</sup> Apr 2022

**Submission date:** 23<sup>rd</sup> May 2022

**Country:** India

#### **Description:**

Development of 10MW/40MWh Battery Energy Storage System (BESS) at NTPC Ramagundam.

#### **Scope of Work:**

1. Design, Engineering, Supply, Packaging and Forwarding, Transportation, Unloading, Storage, Construction, Erection, Testing, Commissioning of grid connected Battery Energy Storage System (BESS) with 10 MW and 40MWh rated AC discharge capacity at 33KV switchgear interconnection point and Comprehensive Operation and Maintenance (O&M) works of BESS system throughout the service lifetime of the project from the date of successful completion of trial run shall be on turnkey basis.
2. The BESS shall comprise of Battery System, Battery Management System (BMS), Energy Management System (EMS) and SCADA, Power Conversion System (PCS), Protection system, Communication System, HT & LT System, Auxiliary power system, Monitoring & Control system, Fire Fighting, remote control and monitoring, and all other associated materials and accessories necessary for trouble free operation and maintenance of the BESS system.
3. Design, install and make ready for the electrical connections from the battery energy storage system to the grid.

#### **Eligibility Requirements:**

1. The average annual turnover of the Bidder should not be less than INR 72 Cr (Indian Rupees Seventy-Two Crores Only) during the preceding three (3) completed financial years as on the date of techno-commercial bid opening.
2. The bidder should have manufactured and supplied Batteries for grid interactive battery energy storage system(s) of cumulative installed capacity of minimum 6.0MW and 6.0 MWh, out of which at least one grid interactive battery energy storage system should be of minimum 2.0 MW and 2.0 MWh capacity. The reference grid interactive battery energy storage system of minimum 2.0 MW and 2.0 MWh capacity must have been in successful operation for at least six (6) months prior to the date of techno-commercial bid opening.

OR

3. The bidder should have supplied, installed/ supervised installation and commissioned/ supervised commissioning of grid interactive battery energy storage system(s) of cumulative installed capacity of minimum 6.0 MW and 6.0 MWh, out of which at least

one grid interactive battery energy storage system should be of minimum 2.0 MW and 2.0 MWh capacity. The reference grid interactive battery energy storage system of minimum 2.0 MW and 2.0 MWh capacity must have been in successful operation for at least six (6) months prior to the date of techno-commercial bid opening.

For more information about the bidding details, please email: [info@tenderingprojects.es](mailto:info@tenderingprojects.es)