

NTPC LIMITED

PROJECT : NTPC MOUDA SUPER THERMAL POWER STATION
PACKAGE NAME : EPC PACKAGE FOR BESS IMPLEMENTATION AT NTPC MOUDA

“Salient Technical Features of the equipment/systems/services covered in the Bidding Document No. CS-9575-171C-9 are mentioned below. These Salient Technical Features are mentioned only to facilitate the prospective bidders to prima-facie understand the requirements under the tender and shall not in any way limit or alter the scope of work and technical features/specification of equipment/ systems/ services covered in the Bidding Documents. Detailed provisions in regard of scope of work and technical features/ specification of equipment/ systems/ services, contained in the Bidding Documents shall be final and binding.”

A BRIEF SCOPE OF WORK

Name of the Project	BESS Implementation at NTPC Mouda (400MWH) Super Thermal Power Station
Project capacity	400 MWh
BESS Service Life	The designed service life of BESS shall be 12 years. BESS shall be designed for two cycle operations per day. Comprehensive Annual Maintenance Contract (CAMC) for 11 years is included in the scope of this project.

- 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, Fire Detection and Protection System, remote control and monitoring, and all other associated materials and accessories necessary for trouble free operation and maintenance of the BESS system.
- Interconnection with the existing thermal power plant facilities.
- Comprehensive Annual Maintenance Contract (CAMC) of the BESS system for a period of 11 years from the date of successful completion of Performance Guarantee (PG) Test