



SALIENT TECHNICAL FEATURES

“Salient Technical Features of the systems /equipment/ services 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 Document shall be final and binding.”

Salient technical features of the proposed project are as follows:

Name of the Project	EPC PACKAGE FOR DEVELOPMENT OF 250MW SOLAR WITH 50MW/200MWh BESS PROJECT at SITAPUR, U.P."
Project capacity	250MW Solar with 50MW/200MWh BESS
Block/Plot capacity	One Block of 250MW Solar with 50MW/200MWh BESS

1. **One Block of 250MW Solar with 50MW/200MWh BESS** Project as an EPC Package.
2. Complete Design, engineering, manufacturing, supply, packing and forwarding, transportation, unloading, storage, installation, testing and commissioning of Solar Photo Voltaic Plant with BESS **including** supply of Solar PV Modules.
3. **MMS** as per Technical Specification – Fixed Tilt ~~or Tracker based~~ **(Cost per MU Based Bidding)**
4. String / Central Inverter with minimum cumulative capacity to meet the respective block capacity with Maximum Power Point Tracking technology along with associated cables, cabling, Transformer & Switchgears.
5. PPC, SCADA, & Weather Monitoring System.
6. Electrical works and associated switchgear equipment as per technical specification.
7. Evacuation of power to 33kV Switchgear of Owner's 33/220kV Substation(s), as per SLD.
8. Module cleaning system ~~(Dry Robotic Type only)~~ including supply and installation of all accessories.
9. Integration of BESS equipment with Solar plant Infra to commission a complete BESS system integrated with Solar plant and Grid.