



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	Development of EPC PACKAGE FOR DEVELOPMENT OF 550MW (1x550MW) GRID CONNECTED SOLAR PV PROJECTS NEAR SHIMBHOO KA BURJ, RAJASTHAN
Project capacity	550 MW (1 x 550MW)
Block/Plot capacity	1 Block of 550MW

1. One Solar Block of **550MW**. Bidders shall bid for entire **550MW** capacity.
2. Complete Design, engineering, manufacturing, supply, packing and forwarding, transportation, unloading storage, installation, testing and commissioning of Solar Photo Voltaic Plant **including** supply of Solar PV Modules.
3. **MMS** as per Technical Specification – Tracker based
4. String / Central Inverter with Maximum Power Point Tracking technology along with associated cables, cabling, Transformer & Switchgears.
5. SCADA, Weather Monitoring System, and CCTV system.
6. Electrical works and associated switchgear equipment as per technical specification.
7. Evacuation of power up to Owner’s 33kV Switchgear of Pooling Substation
8. Module cleaning system including supply and installation of all accessories.
9. All associated civil works for Solar plant and power evacuation up to Owner’s 33kV Switchgear of Pooling Substation
10. Dynamic reactive power compensation at Pol as per CEA technical standards and working committee report.
11. Facilitation for Grid compliance study of Solar projects
12. Comprehensive O&M for 3 years from date of commissioning of full capacity
13. Supply of mandatory spares