

SALIENT TECHNICAL FEATURES



EPC PACKAGE FOR DEVELOPMENT OF 650MW (2X325MW) GRID CONNECTED SOLAR PV PROJECTS AT BIKANER, RAJASTHAN

IFB No. NRE-CS-5800-004(EPC1)-9

“Salient Technical Features of the equipment/ systems/ services covered in IFB No. NRE-CS-5800-004(EPC1)-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 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 650MW (2x325MW) Grid Connected Solar PV Projects At Bikaner, Rajasthan”
Project capacity	650 MW (2 Blocks of 325 MW), Timeline ~15 Months
Block/Plot capacity	Two Blocks of 325MW each (Bidders may bid for one block (325 MW) or two blocks (650 MW))

Salient Technical Features of the proposed project(s) are as follows:

1. Two blocks of 325 MW Solar Photovoltaic Power Projects as EPC Package.
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 (**Cost per MU Based Bidding**)
4. String / Central Inverter with minimum cumulative capacity of 325 MW each for the two blocks with Maximum Power Point Tracking technology along with associated cables, cabling, Transformer & Switchgears.
5. SCADA & Weather Monitoring System.
6. Electrical works and associated switchgear equipment as per technical specification.
7. Evacuation of power to Owner’s 33kV Switchgear of 33/400kV Substation
8. Module cleaning system including supply and installation of all accessories.