



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 2x100MW GRID CONNECTED SOLAR PV PROJECTS AT GSECL STAGE 1 SOLAR PARK, KHAVDA ”
Project capacity	200MW (2 Blocks of 100MW), Timeline ~16 Months
Block/Plot capacity	2x100 MW (Bidders shall quote for total capacity of 200MW)

1. Two blocks of 100MW Solar Photovoltaic Power Projects as a single 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 100 MW each for the two blocks 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 33/400kV Substation (S/S is being provided by the Owner as part of GSECL Park Stage-1, Khavda), as per SLD.
8. Module cleaning system (wet method) including supply and installation of all accessories.