



## 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	<b>EPC PACKAGE FOR DEVELOPMENT OF 245 MW (PLOT-16) GRID CONNECTED SOLAR PV PROJECT IN SOUTH BLOCK OF KHAVDA RE PARK, RANN OF KUTCH</b>
Project capacity	<b>245MW (Plot-16 in South Block of NTPC REL's Khavda RE Park), Timeline ~13 Months</b>
Block/Plot capacity	1x245MW (Bidders shall quote for total capacity of 245MW if the Block is quoted)

1. Total capacity of 245MW of Solar Photovoltaic Power Projects inside NTPC REL Solar Park, Khavda is a single block under the 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. **Tracker based MMS** as per Technical Specification – Tracker based **(Cost per MU Based Bidding)**
4. String / Central Inverter with minimum cumulative capacity to meet the respective block capacities with Maximum Power Point Tracking technology along with associated cables, cabling, Transformer & Switchgears.
5. SCADA, CCTV & Weather Monitoring System.
6. Electrical works and associated switchgear equipment as per technical specification.
7. Evacuation of power to 33kV Switchgear of SPPD's 33/400kV Substation(s), as per SLD.
8. Construction of main road along the periphery of the project as per section Type-1 and the scope detailed in the tender drawings.
9. Module cleaning system (Robotic Dry-Cleaning Method) including supply and installation of all accessories.