



## 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>Development of 300MW, ISTS Connected Solar Energy Project on EPC Mode basis, at NTPC REL's 4750MW Khavada RE Park in Rann of Kutch, Gujarat</b> |
| Project capacity    | <b>1 Block of 300MW, Timeline ~17 Months</b>   |
| Plot capacity       | 300 MW<br>(To be awarded to single bidder in single EPC Contract)  |

1. Single plot of 300MW capacity Solar Photovoltaic Power Project in single EPC Package.
2. Complete Design, engineering, manufacturing, supply, packing and forwarding, transportation, unloading storage, installation, testing and commissioning of 300MW Solar Photo Voltaic Plant **including** supply of Solar PV Modules.
3. **MMS** as per Technical Specification – Bidder's Choice (**Cost per MU Based Bidding**)
4. String / Central Inverter with minimum cumulative capacity of 300 MW 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 33kV Switchgear of 33/400kV GIS Substation (S/S is being provided by the Owner as part of RE Park), as per SLD.
8. Module cleaning system (wet method) including supply and installation of all accessories.