

**ABRIDGED INVITATION FOR BIDS**

***NTPC RENEWABLE ENERGY LIMITED***  
**(A wholly Owned Subsidiary of NTPC GREEN ENERGY LIMITED)**

**CONTRACT SERVICES**

**INVITATION FOR BIDS (IFB)  
FOR  
EPC PACKAGE FOR 2X500 MW GROUND MOUNTED SOLAR PV PROJECT  
AT KAMBADUR, ANANTAPUR, AP  
(DOMESTIC COMPETITIVE BIDDING)**

**IFB No. NRE-CS-5852-004(EPC)-9**  
**ETS Search Code: NTPCREL-2026-TN000039**

**Date: 29.09.2026**

*NTPC RENEWABLE ENERGY LIMITED* (NTPC REL) invites online bids on Single Stage Two Envelope Bidding basis (Envelope I: Techno-Commercial Bid & Envelope II: Price Bid) followed by Reverse Auction from eligible bidders for **'EPC PACKAGE FOR 2X500 MW GROUND MOUNTED SOLAR PV PROJECT AT KAMBADUR, ANANTAPUR, AP.**

For the detailed IFB and bidding documents please visit <https://ntpctender.ntpc.co.in> or [www.ntpc.co.in](http://www.ntpc.co.in) from 15.10.2026 or contact AGM(CS) / GM (CS), NTPC RENEWABLE ENERGY LIMITED, 4<sup>th</sup> Floor, Renewable Building, Plot No. 3E, Ecotech-II, Udyog Vihar, Greater Noida, Distt. Gautam Budh Nagar - 201301 (U.P.) on Mob No. +91-9650990766 Tel No. +91- 120-2356557 or at e-mail: [sanjaykumar@ntpc.co.in](mailto:sanjaykumar@ntpc.co.in) / [skjambhale@ntpc.co.in](mailto:skjambhale@ntpc.co.in)

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## **BRIEF SCOPE OF WORK FOR EPC PACKAGE FOR 2X500 MW GROUND MOUNTED SOLAR PV PROJECT AT KAMBADUR, ANANTAPUR, AP**

The scope includes the following:

1. Design, engineering, manufacturing, supply, packing, loading and forwarding, transportation, unloading, storage, installation, testing and commissioning of Solar Photo Voltaic power project ***including supply of Solar PV modules***.
2. The 1000MW of solar project is proposed to be executed tentatively under EPC mode as 2x500MW.
3. Site-grading, clearing of vegetation, Topography survey, Geotechnical Investigation, if necessary.
4. Design and Construction of foundation & erection of Tracker based Module Mounting Structure (MMS) for SPV panels, including fixing of PV Modules with MMS and PV Modules interconnection.
5. Providing power supply and water supply for construction purposes.
6. Construction of Inverter rooms/ stations with Power conditioning unit, associated LT and HT switchgear.
7. Construction of Central Monitoring and Control Station having SCADA room, Storeroom, Battery room, associated switchgear etc with all electrical fitting and furniture, security cabin etc.
8. All associated electrical and civil works required for interfacing with 400kV grid (i.e. transformers, breakers, isolators, panels, protection system, cables. metering at 400kV level) and evacuation of power at substation provided by APNHAL. The PSS and power transformer is under the EPC scope.
9. Supply and erection of transmission line (approx. 60kms) from the plant to substation.
10. Laying and termination of LT/ HT Cables (including supply) as per specification.
11. Grid compliance study as per regulations.
12. Dry Module cleaning system including supply and installation of all accessories.
13. Construction of approach road, internal roads, pathways, drainage system, individual block fencing etc.
14. SCADA system for remote monitoring and control with all hardware & software and complete set of weather monitoring station including cloud cover.
15. Dynamic reactive power compensation equipment to comply with the requirements of dynamic reactive power capability at PoI as per the "Report of the Working Group in respect of Data Submission Procedure and Verification of Compliance to CEA Regulations on Technical Standards for Connectivity to the Grid by RE Generators July 2022" and its clarification(s)/ amendment(s) thereof if any.

16. CCTVs along with remote monitoring system with coverage of 100% periphery, entry/exit gates of the solar blocks, WMS inverter stations etc
17. Supply of Mandatory spares.
18. Operation & maintenance of SPV Plant along with electrical equipment, consumables and spare parts for a period of Three years from the date of successful project commissioning.