

ABRIDGED INVITATION FOR BIDS

NTPC GREEN ENERGY LIMITED
(A SUBSIDIARY OF NTPC LIMITED)

CONTRACTS SERVICES

ABRIDGED INVITATION FOR BIDS (IFB)

FOR

EPC Package with Land for Development of Cumulative 100 MW Agri-PV Projects
(DOMESTIC COMPETITIVE BIDDING)

IFB No.: NGEL-CS-5837 004 (AgriPV)-9

Date: 16.12.2025

NTPC GREEN ENERGY LIMITED (NGEL) invites online bids from eligible bidders on Single Stage Two Envelope (i.e. Envelope-I: Techno-Commercial Bid and Envelope-II: Price Bid) for **“EPC Package with Land for Development of Cumulative 100 MW Agri-PV Projects”**

For the detailed IFB and bidding documents please visit at <https://www.bharat-electrictender.com> or <https://ntpctender.ntpc.co.in> or www.ntpc.co.in or <https://ngel.in/tender> from 29.12.2025 or may contact DGM (CS) / AGM (CS), NTPC Green Energy Limited, 4th Floor, NETRA Building E-3, Ecotech-II, Udyog Vihar, Greater Noida, Distt. Gautam Budh Nagar, (UP), INDIA, Pin-201306 on Mob No. +91-9424140768/ Tel No. +91-120-2356601 or at e-mail: abhishekkumar02@ntpc.co.in / omprakash08@ntpc.co.in

Registered Office:
NTPC Green Energy Limited
NTPC Bhawan, SCOPE Complex,
7, Institutional Area, Lodhi Road, New Delhi-110003,
Corporate Identification Number (NGEL): **L40100DL2022GOI396282**,
Website: www.ngel.in

Brief Scope of Work for “EPC Package with Land for Development of Cumulative 100MW Agri-PV Projects”

1. Hiring of an expert agency to carry out site selection, soil test, water requirement study, crop selection, DPR preparation, Agri-PV design, PMC during the construction and support for onboarding Farmer Producing Organization (FPOs).
2. Identification and arrangement of required land and complete transfer of title/ lease deed of land in favor of NGEL or its subsidiary. including infrastructure development for development of cumulative 100 MW Agri-PV projects (Min 10 MW at single location) in states like Bihar, Odisha, West Bengal and Madhya Pradesh.
3. Site - Grading & Clearing of Vegetation to suit agriculture activity, Topographical Survey, Geotechnical Investigation.
4. Design, engineering, manufacturing, supply, packing and forwarding, transportation, unloading storage, installation, testing and commissioning of Solar Photovoltaic plant (including Supply of Solar PV modules), reactive power compensating devices, erection and commissioning of Transmission system from solar plant till ISTS/ STU substation including bay and bus extension, if applicable.
5. Design and Construction of foundation & erection of **Module Mounting Structure (MMS)** suitable for Agri-PV projects, including fixing of PV Modules on MMS and PV Modules interconnection.
6. All associated civil works like internal roads, office cum control room building, pooling substation, storage sheds, permanent water supply arrangements, approach road etc.
7. All associated electrical works required for interface with grid (i.e. transformers, panels, protection system, cables, metering at 33kV level, grid compliance study as per regulation, internal HT cable works, common group control and metering station, common EHV substation(s) with necessary switch gear) and grid extension (i.e. external overhead line up to ISTS/ STU grid sub-station, bay extension or creation of additional facilities at grid sub stations, if required).
8. All agreements, statutory approvals and clearances such as power evacuation/ ISTS grid connectivity, environmental, central/ state nodal renewable energy agency, electrical, forest, etc. as required/ applicable.
9. Construction of Pre-Engineered type Inverter room (if applicable) with Power conditioning unit associated LT and HT switchgear. In case of String Inverter, Construction of Pre-Engineered type HT Switchgear room.
10. Laying and termination of HT Cables (including supply) from block boundary to 33kV Pooling switchgear as per specification.
11. Design, supply, and installation of Module cleaning system including supply and installation of all accessories.



12. Construction of internal roads, pathways, construction of Drainage system as per General Layout and Topography, internal and boundary fencing, security cabin etc.
13. Installation of irrigation network and other facilities for agriculture activity.
14. Arranging power supply and water supply for construction purposes.
15. SCADA system for remote monitoring and control of Inverters with all hardware & software and complete set of Weather Monitoring Station including cloud cover. **SCADA, and associated equipment shall be installed at identified location in Main Control Room.**
16. Dynamic reactive power compensation equipment to comply with the requirements of dynamic reactive power capability at Pol 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”.
17. Comprehensive Operation & maintenance of Agri-PV plant including agriculture activity, tie-up with FPOs, sale of the Agri produce etc. along with electrical equipment, consumables and spare parts for a period of Three years from the date of commissioning of full Project capacity.
18. Supply of Mandatory spares.