



Corrigendum No – I

Date of Corrigendum: 07-01-2025

Tender Enquiry No: - TPCODL/CCG/1000001733/2024-25

Tender Subject – RFQ for Transportation, Erection, Testing and Commissioning of Grid-Connected Rooftop Solar Plant with capacity of 1 KWp per Households in the Service area of TP DISCOMs Odisha

Revisions has been made for below mentioned Annexures.

- 1. ANNEXURE I: SCHEDULE FOR ITEMS**
- 2. ANNEXURE VII: SCOPE OF WORK**

Revised Annexures are attached herewith.

ANNEXURE I
SCHEDULE FOR ITEMS

S. No.	Item Description	UOM	Unit Price Rs.	GST Rs.	All Incl. Unit Rate Rs.
			A	B	C=A+B
1	ITC of Solar Panel (1 KWh) Including handling of concrete ballast, Panel , Module & installation at customer site)	Each			
2	Transportation (including/Loading/Unloading/Stacking etc.) of Panel & associated material to Site /Store (LP Truck 1512 LPT or equivalent with GVW 16020 kg and net loading capacity 10 ton (with Driver)				
2a.	Upto 50 KMS (To & Fro)	Per Trip			
2b.	Upto 100 KM (To & Fro)	Per Trip			
2c.	Upto 150 KM (To & Fro)	Per Trip			
2d.	more than 150 KMS (To & Fro)	Per Trip			
3	Transportation (including/Loading/Unloading/Stacking etc.) of Panel & associated material to Consumer site (Tata Ace (1.6 Ton)) (With Driver)				
3a.	Upto 50 KMS (To & Fro)	Per Trip			
3b.	Upto 100 KM (To & Fro)	Per Trip			
3c.	Upto 150 KM (To & Fro)	Per Trip			
3d.	more than 150 KMS (To & Fro)	Per Trip			
4	Door to Door Survey: Locating the customer, verification of electricity bill, assessment of rooftop, approach to roof, collection of application/consent letter, submission of section wise consolidated report	Each			
5	Hiring of TRX Crane for loading/ unloading (If Required)				
5a	Per Hour	Each			
5b	Half Day (4 Hrs)	Each			
5c	Full Day (8 Hrs)	Each			
6	Operations and Maintenance for 5 Years including maintenance, replacement and transportation of Free issued material which will be available at TP DISCOM Designated Warehouse.	Per Visit			

ANNEXURE VII SCOPE OF WORK

Request for Quotation for Transportation, Erection, Testing and Commissioning of Grid-Connected Rooftop Solar Plant of 1 KWp Capacity for identified Households in the Service area of TP DISCOMs Odisha.

Odisha DISCOM has received a target of Erection, Testing and Commissioning of Grid-Connected Rooftop Solar Plant of 1 KWp Capacity for **3 Lacs Households** in the Service area of TP DISCOMs Odisha till March'26.

SCOPE OF WORK:

The Scope of work includes the Empanelment of Business Associates through tendering for Providing Logistics and ITC Services of 1KW Panel and Installation Kit for each Households. The Panel and Installation Kit shall be provided by TP Odisha DISCOMs at their designated warehouses in Odisha.

The BA has to load the Panels and Installation Kit from designated warehouse and transfer it to their warehouse / Consumer Site (if nearby). The BA then needs to ensure that the installation, testing and commissioning of the Panels with Kit has to be completed within the due timeline:

Following activities to be executed by the empaneled BA:

- Designing and Marking: Field Feasibility. The first step is doing survey, designing and marking on the rooftop.
- Module Mounting Structure Installation: Installation of concrete ballast and Panel Module.
- Cabling: The solar modules are connected in series with DC cables to the inverter, and with AC cables from the inverter to the evacuation point.
- Inverter Connection: Once the installation is complete, the inverter is charged..
- Net Metering and Grid Synchronization: Completion of Net Metering Process. It begins synchronizing solar power with the customer's existing electrical grid
- Project Completion Report: The BA needs to complete the documentation process.
- Periodic Maintenance including overhauling, wear and tear and regular checking of healthiness of system at proper interval shall be in the scope of vendor for a period of 5 years.

INSURANCE:

Before commencement of work, the Empaneled Vendor shall also take insurance for Third Party Liability covering loss of human life, engineers and workmen and also covering the risks of damage to the third party/material/equipment/properties during execution of the Contract. The Empaneled Vendor will ensure that all its employees and representatives are covered by suitable insurance against any damage, loss, injury or death arising out of the execution of the work or in carrying out the Contract. Liquidation, Death, Bankruptcy etc., shall be the responsibility of bidder.

SECURITY DEPOSIT:

Before commencement of work, the Empaneled Vendor shall submit the Security Deposit of Rs. 2.50 Lacs against the free issue material. Additional quantity shall only be issued on submission of completion report of previously issued material.

WARRANTEES AND GUARANTEES:

The Empaneled Vendor shall provide warrantee covering the rectification of any and all defects in the design of equipment, materials and workmanship including spare parts (Spare Parts shall be free issued to BA from TP DISCOM at Designated warehouse) for a period of 5 years from the date of commissioning for projects. This includes maintenance, replacement and transportation of Free issued material which will be available at TP DISCOM Designated Warehouse.

OPERATION & MAINTENANCE (O&M) GUIDELINES TO BE MANDATORILY FOLLOWED BY BIDDERS:

The bidder shall be responsible for all the required activities for successful operation and maintenance of the Rooftop Solar PV system for a period of 5 years from the date of commissioning of the plant.

Below mentioned guidelines, shall be followed for O&M practices:

- i. O&M of Solar Power Plant shall be compliant with grid requirements to achieve committed energy generation.
- ii. Deputation of qualified and experienced engineer/ technicians till the O&M period at project site as & when required.
- iii. Bidder shall provide the services to the consumers for repairs/maintenance of the RTS plant for 5 years from the date of commissioning of the plant. Non-performing/ under-performing system component will be replaced/repared by bidder (Spare Parts shall be free issued to BA from TP DISCOM at Designated warehouse).
- iv. Five (5) years Comprehensive Operation and Maintenance including overhauling, wear and tear and regular checking of healthiness of system at proper interval shall be in the scope of vendor.
- v. All the equipment testing instrument required for Testing, Commissioning and O&M for the healthy operation of the Plant shall be maintained by the Bidder. The testing equipment must be calibrated once every 2 years from NABL accredited labs and the certificate of calibration must be kept for reference as required.
- vi. If negligence/ mal-operation on part of the Bidder's operator results in failure of equipment, such equipment should be repaired/ replaced by the Bidder free of cost.
- vii. Co-ordination with Owner / DISCOM as per the requirement for Joint Metering Report (JMR). The person in charge present at site from bidder's side shall take a joint meter reading in the presence of rooftop owner at the time of commissioning.

A maintenance record register is to be maintained by the operator/technician/bidder with effect from Commissioning to record the generation, regular maintenance work carried out as well as any preventive and breakdown maintenance along with the date of maintenance, reasons for the breakdown, duration of the breakdown, steps taken to attend the breakdown, etc. Failure to adhere to above shall result in Encashment (Partial/Complete) of Performance Bank Guarantee/ any other penal action subject to the decision of TP DISCOM.

If any jobs covered in O&M Scope as per SOW are not carried out by the contractor/ Bidders during the O&M period, the designated Official shall take appropriate action as deemed fit. TP DISCOM reserves the right to make surprise checks/ inspection visits at its own or through

authorized representative to verify the O&M activities being carried out by the Bidder. Failure to adhere to above guidelines will result in penal action including debarring from participation in next tender.

The Bidders should have their service network in or Implementing Agency, within a radius of 50 Kms and shall provide address of service centre in O&M manual. A copy of the same shall also be provided to the TP DISCOM.

The bidder shall use the original parts in case of any fault in the PCU/Inverter during the AMC period of 5 years (Spare Parts shall be free issued to BA from TP DISCOM at Designated warehouse).

If Bidders fail to comply with the O&M guidelines, it may lead to the encashment of Performance Bank Guarantee and subsequently debarring or blacklisting from the future Tenders till further notice.

By Order

Chief – CCG & Engineering