



भारतीय राष्ट्रीय कृषक उपज उपाजन प्रसस्करण एवं रिटेलिंग सहकारी संघ मयोटित

National Federation of Farmers' Procurement
Processing & Retailing Cooperatives of India Ltd.

NACOF

Registered Under Ministry of Agriculture and Cooperation Government of India

No-NACOF/OD/2026-27/355

Date-01.08.2026

TENDER CALL NOTICE

Sealed Tender in two cover bid systems are hereby invited from the intending individual experienced Electrical contractors/firms/company/Solar EPC Developers for execution of the following work **under Odisha Renewable Energy Development Agency (OREDA)** as per the terms and conditions. The Tender shall be submitted in prescribed format on quoted rate basis to the undersigned on or before **14.08.2026 by 5.00 P.M.** Only. The tender documents will be available on the website <http://www.nacof.in>. Contractors duly empanelled with NACOF and other contractors/firms having valid registration, GST, PAN, and other statutory clearances are also eligible to participate in the tender. The work shall be completed within 180days from the date of issuing the work order. The work shall be executed strictly as per approved estimate, drawings and specifications and direction of Odisha Renewable Energy Development Agency (OREDA. Payment shall be made as per measurement and availability of funds. The Defect liability period shall be as per agreement conditions. Sealed tender should be reached at the office of the undersigned on or before of the scheduled time through speed post/courier/ by person. Office of the undersigned is not responsible for any kind of delay in receiving the tender.

1. Eligibility Criteria

- Only individual experienced Electrical contractors/firms/company/Solar EPC Developers empanelled with NACOF are eligible to participate
- Registered Company/Firm
- Contractors must have valid Electrical Contractor License in the State of Orissa.
- Contractor must have the Experience in execution of Government Projects.
- Experience in successful commissioning of Grid Connected Rooftop Solar Projects
- GST registration and PAN are mandatory.
- Copy of income Tax Return
- Copy of the Turn over Certificate / Audited Balance Sheet.
- EPF Registration
- ESIC Registration
- Bidder must have submitted an undertaking regarding the Blacklisting as annexed in **Schedule-1**
- Bidder must have submit the No relationship certificates as annexed in the [*Schedule-2*](#)
- Legal status and details of Contractor must have to submit as attached in **Schedule-3**.



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- An forwarding letter is to be submitted by the bidder as attached in *Schedule-4 (i & ii)*
- Checklist to be submitted by the bidder as per the attached annexure in *Schedule-5.*
- Price Bid is to be submitted in a separate envelope (**Cover-2**) by addressing to the undersigned.
- Technical Bid (**Cover-1**) is to be submitted carrying, the rest of documents excluding the Prices Schedule

2. Cost of Tender Paper & EMD

- a. Tender Paper Cost: 10000.00+18%GST Earnest Money Deposit (EMD): 20 lakh - For the Empanelled bidder of NACOF. The bidders are to be deposited in shape of DD/TDR in favour of the undersigned. The EMD exemption against submission of the Udyam/MSME Registration Copy. Non submission of EMD/ Exemption of EMD certificates, the bid of such bidders are liable for rejection

3. Tender Submission

The tender shall be submitted in a **sealed cover** super scribing the name of the work and must include:

- Filled all tender documents
- Cover-1 as Technical Bid as per the required documents.
- Cover-2 as the Financial BID

4. Evaluation of Tender

The tender will be evaluated based on

- Eligibility criteria
- Experience and past performance
- Quoted rates
- NACOF reserves the right to negotiate with the lowest bidder (L)

5. General Terms & Conditions The tender

- i) NACOF reserves the right to accept or reject any or all tenders without assigning any reason
- ii) The contractor shall follow all relevant CPWD/OPWD specifications and standards
- iii) Quality of work must be maintained as per approved specifications
- iv) Any deviation from the specification shall lead to rejection of work
- v) Contractor responsible for site safety
- vi) No escalation unless specified
- vii) Quality control mandatory
- viii) All applicable taxes shall be borne by the contractor
- ix) Defective work to be rectified at contractor's cost
- x) The contractor shall be responsible for safety and security at site
- xi) Payment shall be made as per measurement by Engineer in



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charge of (OREDA) and progress of work

xii) The contractor must deploy adequate manpower and machinery

6. Scope of Work

The successful bidder shall undertake complete responsibility for

Detailed site survey, Feasibility assessment, System design, Preparation of engineering drawings, Structural stability assessment, Supply of all materials, Civil works, Fabrication, Installation, Testing, Commissioning, Synchronization with Utility Grid, Net Metering, Statutory approvals and Comprehensive Operation & Maintenance for entire contract period

7. Technical Specifications

All components of the PV plant shall be in accordance with technical specifications given in relevant IS/IEC Standards. The design and commissioning also shall be as per latest IEC/IS standards. The following are some of the technical measures required to ensure quality of the major components used in grid connected solar power Projects

1. PV Module Qualification The PV modules used in the grid connected solar power Projects must qualify to the latest edition of any of the following IEC PV module qualification test or equivalent BIS standards. Crystalline Silicon Solar Cell Modules IEC 61215 Thin Film Modules IEC 61646 Concentrator PV modules IEC 62108 In addition, PV modules must qualify to IEC 61730 for safety qualification testing @1000 V DC or higher. For the PV modules to be used in a highly corrosive atmosphere throughout their lifetime, they must qualify to IEC 61701.
2. Power Conditioners/ Inverters The Power Conditioners/Inverters of the SPV power plants must conform to the latest edition of IEC/ equivalent BIS Standards as specified below: Efficiency Measurements IEC 61683 Environmental Testing IEC 60068-2/ IEC 62093 Electromagnetic Compatibility (EMC) IEC 61000-6-
2. IEC 61000-6-4 Electrical Safety IEC 62103/ 62109-1&2 Protection against Islanding of Grid IEEE1547/IEC 62116/ UL1741 or equivalent EN/BIS Standards LVRT Compliance As per the latest CERC Guidelines/ Order/ Regulations Grid Connectivity Relevant CERC Regulations (including LVRT Compliance) and Grid Code as amended and revised from time to time. Rated capacity Nominal/Rated output power of the inverter (if different power ratings are mentioned at different temperatures, then power rating at 500 C shall be considered) in kW will be considered as inverter rated capacity
3. Cables and connectors: All cables and connectors for used for installation of solar field must be of solar grade which can withstand harsh environment conditions for 25 years



and voltages as per latest IEC standards. (Note: IEC Standard for DC cables for PV systems is under development. It is recommended that in the interim, the Cables of 600-1800 Volts DC for outdoor installations should comply with the EN50618/ TUV 2pfg 1169/08/07 or equivalent IS for service life expectancy of 25 years)

4. Other Sub-systems/Components Other subsystems/components used in the SPV power plants (Cables, Connectors, Junction Boxes, Surge Protection Devices, etc.) must also conform to the relevant international/national Standards for Electrical Safety besides that for Quality required for ensuring Expected Service Life and Weather Resistance
5. Authorized Test Centres The PV modules / Power Conditioners deployed in the power plants must have valid test certificates for their qualification as per above specified IEC/ BIS Standards by one of the NABL Accredited Test Centres in India. In case of module types/ equipment for which such Test facilities may not exist in India at present, test certificates from reputed ILAC Member body accredited Labs abroad will be acceptable
6. Warranty • PV modules used in grid connected solar power plants must be warranted for peak output wattage, which should not be less than 90% at the end of 10 years and 80% at the end of 25 years. • The modules shall be warranted for at least 10 years for failures due to material defects and workmanship. • The mechanical structures, electrical works and overall workmanship of the grid solar power plants must be warranted for a minimum of 5 years. • The Inverters/PCUs installed in the solar power plant must have a warranty for 5 years
7. Identification and Traceability Each PV module used in any solar power Project must use a RF identification tag. The following information must be mentioned in the RFID used on each module (This can be inside or outside the laminate, but must be able to withstand harsh environmental conditions): i. Name of the manufacturer of PV Module ii. Name of the Manufacturer of Solar cells iii. Month and year of the manufacture (separately for solar cells and module) iv. Country of origin (separately for solar cells and module) v. I-V curve for the module at Standard Test Condition (1000 W/m², AM 1.5, 25°C) vi. Wattage, Im, Vm and FF for the module vii. Unique Serial No. and Model No. of the module viii. Date and year of obtaining IEC PV module qualification certificate ix. Name of the test lab issuing IEC certificate x. Other relevant information on traceability of solar cells and module as per ISO 9000 Site owners would be required to maintain accessibility to the list of Module IDs along with the above parametric data for each module.
8. Performance Monitoring package As part of the performance monitoring, the following shall be carried out: a. The SPG shall maintain the list of Module IDs along with



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performance characteristic data for each module. This data shall be submitted to MNRE.

b. The SPGs must install necessary equipment to continuously measure solar radiation on module plane, ambient temperature, wind speed and other weather parameters and simultaneously measure the generation of DC power as well as AC power generated from the plant. They will be required to submit this data to MNRE online and/or through a report on regular basis every month for the entire duration of TPA. c. The SPGs shall provide access to MNRE or their authorized representatives for installing any additional monitoring equipment to facilitate on-line transfer of data. d. All data shall be made available as mentioned above for the entire duration of the TPA. e. The plant SCADA should be Open Platform Communications (OPC) compliant with standard DNP3 and modbus control interfaces over TCP/ IP having the provision to add protocol converters to implement custom and secure communications protocol standard for providing real time online data (including but not limited to irradiance, plant generation (instantaneous/daily/monthly/yearly), daily peak generation, temperature, wind speed etc.) to MNRE f. Fibre Optic Ethernet Ring network (Managed type Ethernet switches in each Control Room) should be provided between MCR & Inverter Control Rooms. g. Web-based monitoring should be available, which should not be machine dependent. The web-based monitoring should provide the same screens as available in the plant. Also, it should be possible to download reports from a remote web-client in PDF or Excel format

9. Safe Disposal of Solar PV Modules: The SPG will ensure that all Solar PV modules from their plant after their 'end of life' (when they become defective/ non-operational/ non-repairable) are disposed in accordance with the "e-waste (Management and Handling) Rules, 2011" notified by the Government and as revised and amended from time to time

-SD-

Pradeep Kumar Roy
SR. State Manager, NACOF,
Bhubaneswar

Memo No-NACOF/OD/2026-27/ 356

Date- 01.08.2026

Copy submitted to the Accountant, State Manger, Admin Manager & MIS (NACOF, BBSR) /
OREDA / Head Office Delhi NACUF/Pa to Chairman NACOF for kind information

-SD-

Pradeep Kumar Roy
SR. State Manager, NACOF,
Bhubaneswar



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PRICE BID

Tender Inviting Authority: National Federation of Farmer's Procurement Processing
& Retailing Cooperatives of India Ltd. (NACOF)

Name of the Principal: Odisha Renewable Energy Development (OREDA)

Name of Work :- Design, Engineering, Supply, Installation, Testing, Commissioning, Operation &
Maintenance of Grid-connected Rooftop Solar Power Plants on Government Buildings in
Bhubaneswar Municipal Corporation (BMC) Area under Bhubaneswar Renewable Energy (RE) City
Programmed on RESCO Mode

Name of the Bidder :

GST No of Bidder :

Address of Bidder :

Rate Offer

Sl no	Name of the Work	UNIT	Quoted Rate	
			Rate in Figure	Rate in Words
1	Design, Engineering, Supply, Installation, Testing, Commissioning, Operation & Maintenance of Grid-connected Rooftop Solar Power Plants on Government Buildings in Bhubaneswar Municipal Corporation (BMC) Area under Bhubaneswar Renewable Energy (RE) City Programmed on RESCO Mode	INR/KWh		

-SD-

Pradeep Kumar Roy

SR. State Manager

NACOF,

Signature of the Bidder

Date :

Bhubaneswar.



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Place :

Schedule -1

Self Declaration For Non-Blacklisting And Authenticity Of Documents

I/We hereby declare that our firm/company has not been blacklisted or debarred by any Central/State Government, PSU, Autonomous Body, Municipality/NAC or any statutory authority & submitted all the relevant documents & statements are true and correct as on the date of submission of this RFP

-SD-

Seal & Signature.

Date

Schedule -2

Certificate Of No Relationship

I/We hereby certify that I/We am/are **related/not related** to any officer of P.W.D of the rank of Assistant Engineer & above and any officer of the rank of Assistant / Under Secretary and above of the Works Department, Govt. of Odisha I/We am/are aware that, if the facts subsequently proved to be false, my/our contract will be rescinded with forfeiture of E.M.D and security deposit and I/We shall be liable to make good the loss or damage resulting from such cancellation. I/We also note that, non-submission of this certificate will render my / our tender liable for rejection

-SD-

Seal & Signature.

Date



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Schedule -3

Legal Status of the Bidder

Name of the Bidder/Firm:_____.

Name of the Owner/Promoter:_____.

Address of the Bidder _____.

_____.

Constitution of Firm:_____.

Contact No:-----

Mail ID:_____.

GST No:_____.

Pan No: _____.

Registration No:_____.

Bank Mandate:

Bank Name : _____.

Account No : _____.

Branch Name : _____.

i. IFSC Code : _____.

-SD-

Seal & Signature.



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Date

Schedule -4

(On the Letter head of the Applicant/Bidder)

To

The Dy. General Manager (T), NACOF, Bhubaneswar.
Plot No.- 60, 2nd Floor, Prachi Enclave, Chandrasekharpur,
Bhubaneswar – 751016, Odisha

Sub: Submission of **Technical Bid and Financial Bid** for the work “Design, Engineering, Supply, Installation, Testing, Commissioning, Operation & Maintenance of Grid-connected Rooftop Solar Power Plants on Government Buildings in Bhubaneswar Municipal Corporation (BMC) Area under Bhubaneswar Renewable Energy (RE) City Programmed on RESCO Mode

Ref :TCN No.- NACOF/OD/2026-27/ , Date – .08.2026

Dear Sir,

I/we, the undersigned, am/are pleased to provide our Proposal / Technical Bid in respect to the above subjected work as provided in your **TCN No.- NACOF/OD/2026-27/**
Date – .08.2026 Having gone through the TCN and having fully understood the Scope of Work with Terms and Conditions for the assignment. I/we am/are also agreed on the terms & conditions of this tender and the same is/are accepted me/us. I/We am/are submitting all the technical qualification documents as per the check list and as per the TCN. The Documents which I/We have submitted with this bid are absolutely true & correct.

Thanking You

-SD-

Seal & Signature of the

Bidder



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Schedule -5

CHECK LIST TO BE FILLED UP BY THE BIDDER

Sl no	Required Documents	Whether Furnish		Page no
		Yes	No	
1.	Registration certificate			
2.	Valid class of Licence.			
3.	Experience in execution of Govt. Projects			
	a) Year of Experience			
	b) Similar Nature of work			
	c) Executed High Value Projects			
4.	GST registration			
5.	Pan Card			
6.	Income Tax Return			
7.	Balance Sheet/Turn Over Certificates			
8.	undertaking of Blacklisting (Schedule-1)			
9.	No relationship certificates (Schedule-2)			
10.	Legal Status of Bidder (Schedule-3)			
11.	Bid Submission Letter (Schedule-4)			
12.	Acceptance by Signing all page of TCN.			

-SD-



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Seal & Signature of the Bidder