NATIONAL FEDERATION OF FARMER'S PROCUREMENT PROCESSING & RETAILING COOPERATIVES OF INDIA LTD. (NACOF)

(A Multi-State Co-Operative Federation Registered under the Ministry of Cooperation, Govt. of India)

West Bengal State Office: 235/2, B.B. Ganguly Street, 2nd Floor, Kolkata – 700012

No: NACOF/WB/2026-27/RAINA/101 **Date:** 24.10.2026

NOTICE INVITING TENDER / DETAILED TENDER CALL NOTICE (DTCN)

Sealed tenders in a two-cover system (Technical Bid & Financial Bid) are hereby invited by the undersigned from empaneled contractors of NACOF as well as other eligible contractors, firms, and companies for execution of the following solar installation works under the **261-Raina (SC) Assembly Constituency** within Purba Bardhaman District, funded under the **BEUP Fund (2026-2027)**.

The tenders shall be submitted in the prescribed format on a **percentage rate basis** on or before **10.11.2026 by 1:00 PM**. The work shall be completed within **180 days** from the date of issuing the Work Order.

1. WORK DETAILS & ESTIMATED COSTS

- **Name of Work:** Installation of Stand-Alone Solar Street Lights (6m GI Pole, 18W LED Luminary) and Solar High Mast Lights (10.5m Octagonal GI Pole, 6x50W LED Luminary) at various locations under 261-Raina (SC) Assembly Constituency, Purba Bardhaman.
- **Total Project Estimated Value: Rs. 49,97,616.00** (Rupees Forty-Nine Lakh Ninety-Seven Thousand Six Hundred Sixteen Only).
- **Cost of Tender Document: Rs. 10,000.00 + 18% GST** (Non-Refundable).
- **Earnest Money Deposit (EMD):**
    - **Empaneled Bidders of NACOF & MSME Registered Bidders:** NIL (Exemption granted upon submission of valid Udyam/MSME Registration Copy).
    - **Other Bidders:** 1% of the quoted value in the form of a Demand Draft (DD) or Term Deposit Receipt (TDR) in favor of **NACOF**.
- **Time of Completion: 180 Days**.

Detailed Package Location & Breakdown:

Package / SL No.	Location / Description of Work PDF+ 1	Type of Work	Approx. Cost (In Rs.) PDF+ 1
1	Serpur High School More, Raina-II	Solar Street Light (6m)	33,000.00
2	Bulchandrapur near Vivekananda Club, Raina-II	Solar Street Light (6m)	33,000.00
3	Pashanda Diger Para near ICDS Centre, Raina-II	Solar Street Light (6m)	33,000.00
4	Kenje Village Road Tematha, Raina-I	Solar Street Light (6m)	33,000.00
5	Rasuikhanda Daspara, Raina-I	Solar Street Light (6m)	33,000.00
6	Mathnurpur Uttarpara Near SK Sohrab House, Raina-I	Solar Street Light (6m)	33,000.00
7	Sundarpur Bazar Near Tematha More, Raina-II	Solar High Mast (10.5m)	3,99,968.00
8	Keunta Uttarpara Road Side near Chandana Sau House, Raina-II	Solar High Mast (10.5m)	3,99,968.00
9	Painta High School More Tematha, Raina-II	Solar High Mast (10.5m)	3,99,968.00
10	Bhanjapur Tematha More Main Road Side, Raina-II	Solar High Mast (10.5m)	3,99,968.00

Package / SL No.	Location / Description of Work PDF+ 1	Type of Work	Approx. Cost (In Rs.) PDF+ 1
11	Bajekumarpur Bazar beside Village Road, Raina-II	Solar High Mast (10.5m)	3,99,968.00
12	Kowara Malik Para near Sukumar Malik house, Raina-II	Solar High Mast (10.5m)	3,99,968.00
13	Tajpur Village Tematha More, Raina-I	Solar High Mast (10.5m)	3,99,968.00
14	Ahaladipur Bus Stand More Matha, Raina-I	Solar High Mast (10.5m)	3,99,968.00
15	Shyamsundar Chator Bus Stand, Raina-I	Solar High Mast (10.5m)	3,99,968.00
16	Netrakhanda Adibasipara Market, Raina-I	Solar High Mast (10.5m)	3,99,968.00
17	Haripur Paschimpara Dhankal, Raina-I	Solar High Mast (10.5m)	3,99,968.00
18	Jamui Village Chowmatha More, Raina-I	Solar High Mast (10.5m)	3,99,968.00
TOTAL	**18 Schemes across Raina-I & Raina-II Blocks**		**Rs. 49,97,616.00**

2. TECHNICAL MATERIAL SPECIFICATIONS

A. Stand-Alone Solar High Mast Light System (10.5 Meter Pole)

1. **Octagonal GI Pole:** 10.5 Meter Hot Dip Galvanised Octagonal GI Pole (min. 3 mm thickness, min. 410 mm base dia, 150 mm top dia) with base plate (500 mm $\times$ 500 mm $\times$ 16 mm), 4 nos. foundation bolts (24 mm dia $\times$ 600 mm length), equipped with hand pulley winch system / metallic rope or metallic ladder for maintenance.

2. **Foundation:** RCC Shallow Foundation (1.2m $\times$ 1.2m $\times$ 1.5m) using M25 grade ready mix concrete with 20mm graded stone chips, 10mm TOR reinforcement steel both ways, 12mm MS vertical rods, and Jhama brick flat soling as per IS 10262 & IS 456 standards.

3. **Solar PV Modules:** 6×200 Wp Mono PERC PV Modules compliant with IEC 61215 & IEC 61730-1,2 (ISI / MNRE approved).

4. **LED Luminaries:** 6×50 W LED Luminaries (Philips / Osram / equivalent reputed make with BIS certificate) having CCT 5500K–6500K, minimum typical luminous output of 3600 Lm, equipped with MPPT Charge Controller (>92% efficiency).

5. **Battery Storage:** 6×12.8V, 100 Ah Lithium Ferro Phosphate ($LiFePO_4$) Battery with built-in Battery Management System (BMS), minimum 12 Hours backup capability, housed in an outdoor GI battery box / inbuilt in luminaries.

6. **Protections:** Overcharge, deep discharge, battery/panel reverse polarity, load short circuit, open circuit, and over-temperature protection. Automatic dusk-to-dawn sensor operation.

7. **Earthing & Cabling:** Pipe earthing using 50mm dia GI Pipe (3.04m long) with 1×4 SWG GI wire, 4 sqmm DC Cable (40m), control cables, and metallic display board.

B. Stand-Alone Solar Street Light System (6.0 Meter Pole)

1. **GI Pole:** 6.0 Meter Hot Dip Galvanised GI Pole (3 mm thickness, 100 mm dia) with Base Plate (200 mm $\times$ 200 mm $\times$ 10 mm) and RCC foundation.

2. **Solar PV Module:** 1×100 Wp Mono/Polycrystalline Module compliant with IEC 61215 / IEC 61730 (MNRE / ISI approved).

3. **LED Luminary:** 1×18 W LED Luminary (Philips / Osram / equivalent BIS certified) with dusk-to-dawn automatic controller and complete electronic protection setup.

4. **Battery:** 1×12.8V, 42 Ah Lithium Ferro Phosphate ($LiFePO_4$) Battery with BIS certificate, offering minimum 12 Hours backup.

5. **Cabling & Accessories:** 4 sqmm DC cable (15m), control cable, display plaque board.

3. ELIGIBILITY CRITERIA

1. NACOF empaneled contractors or registered individual contractors / firms / companies.
2. Valid Registration certificate with State Govt. / Central Govt. / Semi-Govt. / Local Authorities.
3. Class "A" or "B" License registration.
4. Experience in executing government solar/electrical/civil projects.
5. Mandatory GST Registration Certificate and PAN Card.
6. Submission of Non-Blacklisting Undertaking (Schedule-1).
7. Submission of No Relationship Certificate (Schedule-2).
8. Submission of Legal Status & Bank Mandate Details (Schedule-3).
9. Bid Submission Forwarding Letter (Schedule-4) and filled Checklist (Schedule-5).

4. GENERAL TERMS & CONDITIONS

1. **Standards:** Execution shall strictly follow CPWD / PWD / WBREDA specifications.
2. **Quality Control:** Quality of materials and workmanship must be strictly maintained. Non-conforming or defective work shall lead to rejection and must be rectified at the contractor's cost.
3. **Price Escalation:** The quoted rate shall be firm and final. No price escalation will be allowed.
4. **Taxes & Cess:** Rates must be inclusive of all applicable statutory taxes, GST, and Labour Welfare Cess.
5. **Site Inspection & Safety:** The contractor is solely responsible for site safety, security, and compliance with labour regulation laws.
6. **Work Program:** The successful bidder shall submit a Bar Chart work execution plan within 7 days of receipt of the Work Order.

5. WARRANTY, COMPREHENSIVE MAINTENANCE, HANDOVER & PENALTY

- **Warranty & Comprehensive Maintenance (CMC):**
    - The contractor must provide **5 (Five) Years Comprehensive Maintenance Contract (CMC)** from the date of successful commissioning and handover.
    - During the 5-year warranty/CMC period, the contractor shall conduct **at least 01 (one) routine maintenance visit per quarter** and attend to any breakdown within 48 hours.

- **Completion Period:**
    - Total period for completion is **180 Days** from the date of issue of the Work Order.
- **Handover & Payment:**
    - Payment shall be released based on joint measurement and verification by the designated Engineer-in-Charge and subject to the release of BEUP funds. Final handover requires complete functional testing and installation of Marble / Metallic Display Boards at each site detailing MLA BEUP scheme information.
- **Liquidated Damages / Penalty for Delay:**
    - If the contractor fails to complete the work within the stipulated time of 180 days, a penalty of **0.5% per week of delay** (subject to a maximum limit of **10% of the total contract value**) will be deducted from the contractor's final bills.
    - Failure to rectify non-functional lights during the 5-year CMC period will result in forfeiture of performance security or imposition of maintenance penalty fees.

6. SUBMISSION OF BIDS

Bids must be submitted in two separate sealed covers placed within an outer sealed envelope superscribed with **"Tender for Solar Lighting Projects under 261-Raina (SC) AC"**.

- **Cover-1 (Technical Bid):** Contains Tender Paper Fee / EMD proof, Registration Certificate, GST, PAN, IT Returns, Schedules 1 to 5, and signed copy of DTCN.
- **Cover-2 (Financial / Price Bid):** Contains the percentage rate offer quoted in the prescribed Price Bid format.

Submitted To:

Office of the State Manager, NACOF India Ltd., 235/2, B.B. Ganguly Street, 2nd Floor, Kolkata – 700012.

SCHEDULES & FORMATS FOR BID SUBMISSION

PRICE BID FORMAT (Cover-2)

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

Executing Agency: BEUP Scheme 261-Raina (SC) AC

Name of Work: Installation of Stand-Alone Solar Street Lights & Solar High Mast Lights under 261-Raina (SC) Assembly Constituency.

Name of Bidder: _____

GST No. of Bidder: _____

Address of Bidder: _____

Project Description	**Estimated Cost Including GST & Cess (Rs.) DOCX+ 2**	**Quoted Rate (% Less or % Excess)**	**Rate in Figures**	**Rate in Words**
Composite Solar Lighting Project in 18 Locations under 261-Raina (SC) AC	**49,97,616.00**			

(Note: The Quoted Price is inclusive of NACOF Service Charges & GST as applicable)

Signature of Bidder with Seal

Date:

Place:

SCHEDULE - 1: Self-Declaration for Non-Blacklisting

I/We hereby declare that our firm/company has not been blacklisted, debarred, or banned by any Central/State Government, PSU, Autonomous Body, Municipality, or statutory authority, and all documents submitted are authentic, true, and correct as of the date of bid submission.

Seal & Signature of Bidder

Date:

SCHEDULE - 2: Certificate of No Relationship

I/We hereby certify that I/We am/are related / not related to any officer/engineer of NACOF or the Works Department / District Administration. I/We am/are aware that if the facts are subsequently proven false, my/our contract will be rescinded with forfeiture of EMD and Security Deposit.

Seal & Signature of Bidder

Date:

SCHEDULE - 3: Legal Status & Bank Mandate of Bidder

- **Name of Bidder/Firm: _____**
- **Promoter/Owner Name: _____**
- **Address: _____**
- **Contact No & Email ID: _____**
- **GST No & PAN No: _____**
- **Bank Name & Account No: _____**
- **Branch IFSC Code: _____**

Seal & Signature of Bidder

Date:

SCHEDULE - 4: Bid Submission Forwarding Letter

(To be printed on Bidder's Letterhead)

To,

The State Manager,

NACOF India Ltd., Kolkata State Office.

Sub: Submission of Technical & Financial Bid for Solar Installation Works under 261-Raina (SC) AC.

Ref: Tender Call Notice No. NACOF/WB/2026-27/RAINA/101

Dear Sir,

Having examined the DTCN and fully understood the scope of work, technical specifications, warranty, completion, and penalty conditions, I/We submit our technical and price proposals. All submitted documents are genuine and accurate.

Yours faithfully,

(Signature of Bidder with Seal)

SCHEDULE - 5: Checklist of Submitted Documents

Sl No.	Document Description	Furnished (Yes / No) DOCX	Page No. DOCX
1	Contractor Registration Certificate		
2	Valid Class 'A'/'B' License		
3	Work Experience Certificates in Govt. Projects		
4	Valid GST Registration Certificate		
5	PAN Card Copy		
6	IT Returns for last 3 years		
7	Schedule-1 (Non-Blacklisting Declaration)		
8	Schedule-2 (No Relationship Certificate)		
9	Schedule-3 (Legal Status & Bank Details)		
10	Schedule-4 (Bid Forwarding Letter)		
11	Schedule-5 (Filled Checklist)		
12	Signed Copy of DTCN on all pages		