



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, Government of India

No-NACOF/OD/2026-27/202

Date-12.06.2026

SHORT TENDER CALL NOTICE

Sealed Tender in two cover bid systems are hereby invited from the intending individual contractors/firms/company for "Installation, Commissioning and Operation & Maintenance of Six (06) Nos. of Solar Powered Water ATM Kiosks for Distribution of Safe Drinking Water for Endalaba, Rekhidipur, and Raichanda GPS, (Dharmasala Block) under District Mineral Foundation (DMF) in Jajpur District" as per the terms and conditions. The Tender shall be submitted in prescribed form to the undersigned on or before **21.06.2026 by 1.00 P.M.** Only. The tender documents will be available on the website <http://www.nacof.in>. Contractors duly empaneled 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 60 days from the date of issuing the work order. 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.

Sl. No.	Name of the project	Quantity	Period of completion
1	Installation, Commissioning and Operation & Maintenance Six (06) Nos. of Solar Powered Water ATM Kiosks for Distribution of Safe Drinking Water for Endalaba, Rekhidipur, and Raichanda GPS, (Dharmasala Block) under District Mineral Foundation (DMF) in Jajpur District	06 nos	60 Days

1. Eligibility Criteria

- Registered suppliers/vendors contractors with valid statutory registrations Contractors must have valid Registration certificate in the State of Orissa.
- Experience in Maintenance Six (06) Nos. of Solar Powered Water ATM Kiosks
- Copy of income Tax Return
- Copy of the Turn over Certificate
- Bidder must have submitted an undertaking regarding the Blacklisting as annexed in **Schedule-1**
- Bidder must have submitted 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**
- **Letter head of the Applicant** for Financial bid of Contractor must have to submit as attached in **Schedule-4**
- Check list details of Contractor must have to submit as attached in **Schedule-5**

2. Cost of Tender Paper & EMD

- Tender Paper Cost: Rs 5,000 + GST 18%
- Earnest Money Deposit (EMD: NIL -For the Empanelled bidder of NACOF. Others bidders are to be deposited EMD @ 1% of their quoted value in shape of DD/TDR in favour of the undersigned. The Bidders who are registered under MSME in can avail 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** superscribing 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 (L1)

5. Scope Work:

(A) Kiosk Structure

- **Kiosk Type** -Self-contained, weatherproof, solar-powered water vending kiosk
- **Structure Dimensions**- Approximately 2 m × 2 m × 2.5 m (custom-fabricated as per site requirement)
- **MOC**- SS 304 exterior panels / GI sheet with powder coating; UV-resistant; weatherproof
- **Protection**- IP54 or higher rated enclosure for all electrical components; vandal-resistant design
- **Signage**- NACOF / DMF Jaipur branding; transparency board showing project details as per DMF requirement
- **Civil Works**- RCC platform / plinth, protective compound, drainage arrangement with Tile flooring.

(B) Water Storage

- **Tank Capacity** – Minimum 500 litres (food-grade; to be replenished as required from treated water supply)
- **Material**- Food-grade SS 304 or food-safe food-grade HDPE
- **Inlet**- Lockable, tamper-proof inlet connection for treated water supply
- **Level Indicator**- Float-type or electronic water level indicator with low-level alert
- **Overflow / Drain**- Overflow pipe and drain valve for periodic cleaning
- **Cleaning Protocol**- Tank designed for complete internal cleaning; access port provided

(C) Smart Vending / Dispensing System

- **Dispensing Mode**- RFID card / prepaid smart card / coin-operated (multi-mode)
- **RFID System**- Reader, controller, and household-level smart card issuance and management
- **Dispensing Unit**- Motorised dispensing valve with flow meter; measured dispensing in liters
- **Display**- Digital display showing dispensed volume, balance, and transaction confirmation
- **Daily Limit Setting**- Configurable per-household daily limit (e.g. 20 litres per RFID card per day)
- **Transaction Log**- Automated logging of each transaction — time, volume, card ID, cumulative
- **Faucet / Nozzle**- Food-grade hygienic dispensing nozzle with auto-shutoff

- **Manual Bypass-** Emergency manual valve for maintenance / power-off situations

(D) Solar Power System

- **Solar Panel Capacity** — Minimum 300–500 Wp (as required for continuous kiosk operation)
- **Battery Backup-** Sealed Lead Acid or Lithium Ion; minimum 24-hour backup without solar charging
- **Charge Controller-** MPPT Solar Charge Controller
- **Inverter / Converter** -DC-DC / DC-AC conversion as required for dispensing and IoT systems
- **Protection-** Lightning arrester, surge protection device (SPD), earthing
- **Mounting-** GI / Aluminium mounting structure on kiosk roof or adjacent pedestal

(E) IoT Connectivity and Remote Monitoring

- **Connectivity** — GSM / 4G SIM-based IoT module
- **Real-Time Data-** Dispensing volume, transaction count, tank level, solar status, fault alerts
- **Dashboard-** Cloud-based web and mobile dashboard accessible to NACOF / DMF Jajpur / District Administration
- **Alerts-** Low tank level, power failure, tampering, dispenser malfunction — SMS / app alerts
- **Data Retention-** Minimum 3 years of transaction and operational data on cloud platform
- **Reports-** Automated daily, weekly, and monthly reports to designated authorities
- **Integration-** API linkage with centralized MIS for end-to-end water supply chain monitoring

(F) Control Panel

- **Enclosure** — Weatherproof IP54 enclosure; installed inside kiosk structure
- **Protection-** MCB / MCCB protection; fuse protection for solar and AC circuits
- **Surge Protection-** SPD for both solar and grid / inverter inputs
- **Indicators-** Power ON/OFF, solar charging, battery status, dispenser status LEDs
- **Timer / Automation-** Programmable operating hours and automatic lock/unlock

(G) Operation and Maintenance — 5 Years

- Routine inspection, preventive maintenance, and troubleshooting
- Replacement of all consumables — micron filter cartridges, UV lamps, filter media, RO membranes — at no additional cost to NACOF / DMF
- **Periodic Inspection:** Monthly physical inspection of all 8 kiosks — structural, electrical, and mechanical components
- **Solar System Maintenance:** Periodic panel cleaning, battery health check, charge controller inspection, and replacement of failed components
- **Dispensing System:** Regular valve inspection, nozzle cleaning, flow meter calibration, and replacement of worn parts
- **IoT System:** Software updates, SIM plan renewal, dashboard maintenance, and cloud data management
- **Tank Cleaning:** Quarterly cleaning and disinfection of the food-grade storage tank at each kiosk
- **RFID System:** Card replacement for damaged/lost cards; system firmware updates; daily limit adjustments as directed
- **Reporting:** Monthly operational and dispensing reports to DMF Jajpur; water quality records
- **Breakdown Response:** On-site response within 48 hours of reported breakdown; temporary manual supply arrangement during downtime.
- Monthly progress reports and water quality test reports to NACOF / DMF, Jajpur
- Handover of all operation manuals, technical drawings, and IoT access credentials upon commissioning

6. General Terms & Conditions.

- 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) The successful bidder should deposit 10% of Contract Value as a Performance Security in shape of Bank Guarantee PBG should be valid for a period 60 months contract period

- iv) Quality of work must be maintained as per approved specifications
- v) Any deviation from the specification shall lead to rejection of work
- vi) Contractor responsible for site safety
- vii) No escalation unless specified
- viii) Quality control mandatory
- ix) All applicable taxes shall be borne by the contractor
- x) Defective work to be rectified at contractor's cost
- xi) The contractor shall be responsible for safety and security at site
- xii) Payment shall be made as per measurement and progress of work
- xiii) The contractor must deploy adequate manpower and machinery
- xiv) Any defect during warranty must be rectified within [48/72 hours]
- xv) NACOF reserves the right to accept or reject any or all quotations without assigning any reason
- xvi) Conditional or incomplete quotations shall be rejected

7. Financial Bid

Name of Work- Installation, Commissioning and Operation & Maintenance Six (06) Nos. of Solar Powered Water ATM Kiosks for Distribution of Safe Drinking Water for Endalaba, Rekhidipur, and Raichanda GPS, (Dharmasala Block) under District Mineral Foundation (DMF) in Jajpur District

Sl no	Item of work	Unit	Qty	Quoted Rate	
				Rate in figure	Rate in word
1	Kiosk Structure Weather proof, vandal-resistant, SS 304 / GI powder-coated enclosure with branding, transparency board and all civil works (RCC plinth, compound, drainage)	Per Unit	6		
2	Food-grade SS 304 Water Storage Tank (500 litres) with inlet, outlet, overflow valves and cleaning port, integrated within kiosk structure	Per Unit	6		
3	Smart Vending Dispensing System — RFID / prepaid card multi-mode; motorised valve; flow meter; digital display; daily limit programming; transaction logging	Per Unit	6		
4	Solar Power System — 300–500 Wp PV panel, MPPT charge controller, battery bank (24-hour backup), inverter/converter, SPD, lightning arrester, earthing and mounting structure	Per Unit	6		
5	Control Panel — IP54 weatherproof enclosure, MCB protection, SPD, status indicators, timer / automation controls	Per Unit	6		
6	IoT System — GSM/4G module, cloud platform, real-time dispensing monitoring, alerts, reports, centralized MIS integration, RFID card management software	Per Unit	6		

7	Installation, Testing, Commissioning — civil, electrical, mechanical and software integration at site	Per Unit	6		
8	Operation and Maintenance — 5 Years from Commissioning — including solar maintenance, tank cleaning, valve servicing, IoT upkeep, SIM plans, RFID card management, monthly reporting)	Lump Sum	6		

**Dy.General Manager(T),
NACOF, Bhubaneswar.**

Memo No-NACOF/OD/2026-27/203 Date- 12.06.2026

Copy submitted to the Accountant, State Manger, Admin Manager & MIS (NACOF, BBSR)/ Head Office Delhi NACOF/PA to Chairman NACOF/ DMF Jajpur for kind information.

**Dy.General Manager(T),
NACOF, Bhubaneswar.**

PRICE BID

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

Name of the Principal: DMF Jaipur.

Name of Work: - Installation, Commissioning and Operation & Maintenance Six (06) Nos.
of Solar Powered Water ATM Kiosks for Distribution of Safe Drinking
Water for Endalaba, Rekhideipur, and Raichanda GPS,
(Dharmasala Block) under District Mineral Foundation (DMF) in Jaipur District

Name of the Bidder: _____.

GST No of Bidder: _____.

Address of Bidder: _____.

Rate Offer

Sl no	Item of work	Unit	Qty	Quoted Rate	
				Rate in figure	Rate in word
1	Kiosk Structure Weather proof, vandal-resistant, SS 304 / GI powder-coated enclosure with branding, transparency board and all civil works (RCC plinth, compound, drainage)	Per Unit	06		
2	Food-grade SS 304 Water Storage Tank (500 litres) with inlet, outlet, overflow valves and cleaning port, integrated within kiosk structure	Per Unit	06		
3	Smart Vending Dispensing System — RFID / prepaid card multi-mode; motorised valve; flow meter; digital display; daily limit programming; transaction logging	Per Unit	06		
4	Solar Power System — 300-500 Wp PV panel, MPPT charge controller, battery bank (24-hour backup), inverter/converter, SPD, lightning arrester, earthing and mounting structure	Per Unit	06		
5	Control Panel — IP54 weatherproof enclosure, MCB protection, SPD, status indicators, timer / automation controls	Per Unit	06		
6	IoT System — GSM/4G module, cloud platform, real-time dispensing monitoring, alerts, reports, centralised MIS integration, RFID card management software	Per Unit	06		

7	Installation, Testing, Commissioning — civil, electrical, mechanical and software integration at site	Per Unit	06		
8	Operation and Maintenance — 5 Years from Commissioning — including solar maintenance, tank cleaning, valve servicing, IoT upkeep, SIM plans, RFID card management, monthly reporting)	Lump Sum	06		

(Above Price is Excluding cost of 18% GST and NACOF Service Charge)

Signature of the Bidder

Date :

Place :

Dy. General Manager (T)

NACOF, Bhubaneswar.

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.

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

Seal & Signature.

Date :

Legal Status of the Bidder

1. Name of the Bidder/Firm: _____.

2. Name of the Owner/Promoter: _____.

3. Address of the Bidder: _____.

_____.

_____.

4. Constitution of Firm: _____.

5. Contact No: _____.

6. Mail ID: _____.

7. GST No: _____.

8. Pan No: _____.

9. Registration No: _____.

10. Bank Mandate :

i. Bank Name : _____.

ii. Account No : _____.

iii. Branch Name : _____.

iv. IFSC Code : _____.

Seal & Signature.

Date :

(On the Letter head of the Applicant/Bidder)

To

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

Sub: Submission **Financial Bid** for the work “Installation, Commissioning and Operation & Maintenance Six (06) Nos. of Solar Powered Water ATM Kiosks for Distribution of Safe Drinking Water for Endalaba, Rekhideipur, and Raichanda GPS, (Dharmasala Block) under District Mineral Foundation (DMF) in Jajpur District

Ref- TCN No.- NACOF/OD/2026-27/202 , Date – 12 .06.2026

Dear Sir,

I/we, the undersigned, am/are pleased to provide our financial proposal /Price Bid in respect to the above subjected work as provided in your **TCN No.- NACOF/OD/2026-27/202** , Date – 12 .06.2026 Having gone through the TCN and having fully understood the Scope of Work with Terms and Conditions for the rates & contracts as described. We are pleased to quote the amount against the proposed assignment as per the attached price schedule.

Thanking You

Seal & Signature of the Bidder :

Name :

Date :

Place :

Schedule -5**CHECK LIST TO BE FILLED UP BY THE BIDDER**

SL No	Required Documents	Whether Furnish		Page No
		Yes	No	
1.	Registration certificate in the State of Orissa			
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 I & II)			
12.	Understanding of TOR			
13.	Work Plan			
14.	Approach & Methodology			
15.	Acceptance by Signing all page of TCN.			

Seal & Signature of the

Bidder : Name :

Date :

Place :