



भाकअनुप - राष्ट्रीय कृषि अनुसंधान प्रबंध अकादमी
राजेन्द्रनगर, हैदराबाद-५०००३०, तेलंगाणा, भारत
ICAR-National Academy of Agricultural Research Management
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F. No.5-682(B)/2025-26/Model Farm-Fish Feeder/A.III
5th February 2026

**NOTICE INVITING TENDER FOR
SUPPLY AND INSTALLATION OF AUTOMATIC FISH FEEDER AND WATER
QUALITY MANAGEMENT SYSTEM AT ICAR-NAARM**

The Director, ICAR-NAARM invites Bids from the authorized Dealers/OEM to Tender for Automatic Fish Feeder and water quality management system at **ICAR-NAARM**. The bidders are requested to submit the bids Online on GeM Portal. The summary of the requirement is as under:

S.No	Item Description	Quantity
1.	Tender for Automatic Fish Feeder and water quality management system at ICAR-NAARM	As per Schedule I

Specifications along with quantity required for the above items are available in Schedule – I of this tender document.

TERMS AND CONDITIONS

1.	Online bids on GeM are invited for and on behalf of the Director, ICAR – NAARM, from eligible dealers / OEM for Supply and Installation of Automatic Fish Feeder and water quality management system at ICAR-NAARM.
2.	All communications must be addressed to the Director, ICAR-NAARM, Rajendranagar, Hyderabad.
3.	Specifications: The detailed specifications for Supply and Installation of Automatic Fish Feeder and water quality management system at ICAR-NAARM are provided in Schedule – I of this tender document.
4.	<p><u>Eligibility Criteria:</u></p> <ul style="list-style-type: none"> a. Scanned Copy of PAN and GSTIN b. Scan of Brochure of the equipment Offered c. Filled Annexure – A. d. Filled Details as per Annexure-B. e. Proof of 2 similar contracts related to Supply and installation of Automatic Fish Feeder and water quality management system in Government/Public/Private Sector Undertakings in last 3 financial years (FY 22-23,23-24 and 24-25) along with duly filled Annexure-C f. Scanned copy of Bid Security Declaration to be submitted on Firm’s letter head. Annexure D g. The detailed specifications offered and its brand should be provided in the technical document. h. The bidder should write the make, model and specifications of the offered products clearly. <p>*It is advisable to mention the page numbers of all documents attached/submitted as per Annexure-A (Checklist), as this facilitates easy verification and minimizes the possibility of any document being overlooked during scrutiny.</p>
5.	Rejection of tenders: Tenders not complying with any one of the above conditions, are liable to be rejected. No correspondence in this regard will be entertained.
6.	Rates: The quoted price shall be inclusive of all costs such as supply, delivery, installation, testing, commissioning, training of NAARM personnel on operation and maintenance, provision of software licenses and user access credentials, charges, warranty services, transportation and all applicable taxes, duties, and incidental expenses. No additional payment will be made on any account.
7.	Performance Security Deposit: The successful bidder must furnish a Performance Security Deposit @ 5% on the total amount quoted which will be refunded / returned only after satisfactory completion of warranty (1 year from date of installation) of the material. The Security Deposit should be in the form of Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any commercial bank and on which no interest will be paid.

8.	If after finalization of the tender, the selected firm expresses its inability to supply the material at the quoted rates, thus failing in fulfilling the stipulated terms and conditions for award of the contract, then the Security Deposit amount is liable to be forfeited in total.
9.	Payment: Payment shall be made after successful supply, installation, testing, and commissioning of the system and upon certification by the concerned In-charge that the work has been completed satisfactorily. No advance payment will be made.
10.	Taxes / Duties: GST as applicable.
11.	Acceptance of tender: Director, ICAR-NAARM reserves the right to accept or reject any of the tenders either in part or in full without assigning any reason thereof.
12.	Jurisdiction: All disputes including court proceedings shall be settled within the Hyderabad jurisdiction only.
13.	The Finalized bidder will have to supply and install the material within 15 days of issuance of Purchase/Supply Order.
14.	The bidders may provide the details of doing this supply to any other institutes.
15.	The bidder may visit the site before submission of bids to understand existing conditions and system requirements.
16.	Warranty & Support: The system and all components shall carry a minimum 1-year comprehensive warranty from the date of commissioning. During the warranty period, the supplier shall provide preventive maintenance, on-call service, and replacement of defective components at no extra cost.
17.	The first year shall be covered under comprehensive warranty. AMC services shall commence after expiry of the warranty, and the rates for the second and third years (i.e., first and second years after warranty) shall be quoted separately in the BOQ.
18.	The successful bidder has to provide onsite training of personnel at NAARM regarding Use and Maintenance of Automatic Fish Feeder and Water Quality management system.

Generic Specification: Automatic Fish Feeder and Water Quality Management System

Purpose

The system is designed for automated feeding and continuous monitoring and control of water quality parameters in aquaculture tanks, ponds, or recirculating aquaculture systems (RAS).

Automatic Fish Feeder

Parameter Specification

- Body Material Corrosion-resistant acrylic or food-grade plastic
- Dimensions (Approx.)-500 mm × 500 mm × 500 mm
- Weight - Around 30 kg
- Feed Capacity - Minimum 30 kg
- Feeding Mechanism Motorized or screw-type feed dispensing system with adjustable feed quantity and timing
- Operation -Electric with programmable digital timer and online control through Wi-Fi or mobile app
- Mounting Type - To be installed over the water system or tank edge
- Power Requirement Single phase, 230 V AC ±10%, 50 Hz

Water Quality Management System

Parameter Specification

- Water Flow Rate -100–110 m³/h (approx.)
- Filter Media -multi-layer media with ozone and UV sterilization units
- Filter Material - Mesh or equivalent, 50–60-micron filtration
- Inlet/Outlet Diameter- Water Inlet: 110 mm × 2; Water Outlet: 160 mm × 2
- System Dimensions (Approx.) - 5000 mm × 1000 mm × 1500 mm
- UV Sterilizer - Industrial-grade UV (minimum 6 units, 110 W each)
- Ozone Unit - Ozone generation capacity: minimum 30 g/h
- Air Pumps - Minimum 2 units, 200 L/min each with air diffusers
- Water Pumps Flow rate -36–50 tons/hour (minimum)
- Sensors/Controllers Integrated sensors with automatic control for: Temperature, Dissolved Oxygen (DO), pH, TDS (Total Dissolved Solids), Ammonia, Salinity and other parameters (if any)
- Display & Connectivity - Centralized control panel with digital display, Wi-Fi, and online data logging accessible via mobile and laptop
- Power Supply - 230 V AC, 50 Hz; Protection - IP65-rated electrical enclosure
- Control Interface -PLC or microcontroller-based automation panel
- Connectivity- Wi-Fi / IoT-enabled remote monitoring through mobile app
- Operating Conditions- Suitable for aquatic environments

- Warrant -Minimum 1 year comprehensive warranty
- Installation & Training - Supplier to provide on-site installation, testing, and operator training
- Documentation- Operation and maintenance manual to be provided

Compliance

- Equipment should conform to relevant BIS / ISO / CE standards for electrical safety and water quality sensors.
- Suppliers should have experience in aquaculture or environmental monitoring system installations.

CHECKLIST (To be uploaded with Technical Bid)

S. No.	Document to be uploaded in Technical bid on GeM Portal	Whether Uploaded (Yes/No)	Please mention Page No From - To
1.	Scanned Copy of PAN and GSTIN		
2.	Scan of Brochure of the equipment Offered.		
3.	Filled Details as per Annexure – B		
4.	Proof of 2 contracts related to Supply and installation of Automatic Fish Feeder and water quality management system in Government/Public/Private Sector Undertakings in last 3 financial years (FY 22-23, 23-24 and 24-25) along with duly filled Annexure-C		
5.	Scanned copy of Bid Security Declaration to be submitted on Firm's letter head. Annexure D		
6.	The detailed specifications offered, and its brand should be provided in the technical document.		

The documents and annexures as asked in the tender should be indexed and page numbers for the same may be provided in Index by bidder.

COMMERCIAL DETAILS

(To be submitted on Firm's Letter head)

1.	Name and Address of Bidder	
2.	Telephone No. / Mobile No. / FAX No.	
3.	Email ID	
4.	Month and Year of Establishment	
5.	PAN and GSTIN Number	
6.	Bid Security Declaration Form	

SIGNATURE OF THE BIDDER & STAMP

Date:

Place:

RELEVANT WORK EXPERIENCE DETAILS

(To be submitted on Firm's Letter head)

S. No.	Financial Year	Name of the Department, Organization where similar supply was made	Amount	Contact Details of the Departments / Organizations where similar supply was made
1.	2022-2023			
2.	2023-2024			
3.	2024-2025			

**AUTHORISED SIGNATORY OF THE FIRM
WITH SEAL**

Place:

Dated:

Note: While uploading this annexure bidder should make sure that work experience certificates are also uploaded along with this in one single pdf

UNDERTAKING

(To be submitted on Firm's Letter head)

To
The Director
ICAR-NAARM
Rajendranagar
Hyderabad 500 030

Sir,

We, the undersigned, declare that: We understand that, according to your conditions, bids must be supported by **a Bid-Security Declaration.**

We accept that we will automatically be suspended from being eligible for bidding in any contract with your institute for the period of time of 2 years starting on date of closing of bids if we are in breach of our obligation(s) under the bid conditions, because we:

- (a) have withdrawn our Bid during the period of bid validity specified in the Letter of Bid; or
- (b) having been notified of the acceptance of our Bid by your institute during the period of bid validity,
 - (i) fail or refuse to execute the Contract, if required, or
 - (ii) fail or refuse to furnish the Performance Security as per tender conditions

We understand this Bid-Securing Declaration shall expire if we are not the successful Bidder.

Signature of Authorized signatory with company seal

