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|  | <p style="text-align: center;">केन्द्रीयसमुद्रीमात्स्यिकीअनुसंधानसंस्थान<br/> <b>CENTRAL MARINE FISHERIES RESEARCH INSTITUTE</b><br/>         भारतीयकृषिअनुसंधानपरिषद<br/> <b>(INDIAN COUNCIL OF AGRICULTURAL RESEARCH)</b><br/>         केन्द्रीयसमुद्रीमात्स्यिकीअनुसंधानसंस्थानकामण्डपमक्षेत्रीयकेन्द्र<br/> <b>MANDAPAM REGIONAL CENTRE OF CENTRAL MARINE</b><br/> <b>FISHERIES RESEARCH INSTITUTE</b>मरीनफिशरीज़डाकघर/ <b>Marine</b><br/> <b>Fisheries PO. मण्डपमकैप /Mandapam Camp</b>रामनाथपुरमजिला/<br/> <b>Ramanathapuram District तमिलनाडु/ Tamil Nadu. PIN-</b><br/> <b>623520.दूरभाष</b>Phone: 914573-241443 &amp; 241973<br/>         Fax: 04573-241502<br/>         e-mail: scientistincharge.incharge@gmail.com</p> |  |
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संख्याFile No. 75-6/2025-PUR (PMMSY-NBC)

दिनांकितDated: 15.12.2025

### **NOTICE INVITING ONLINE TENDER**

Mandapam Regional Centre of ICAR-CMFRI, Mandapam Camp invites e-tenders for the **supply of 1 No. of Nano quantification Machine (Nano Drop Machine)** through the website [www.eprocure.gov.in](http://www.eprocure.gov.in) under **Dual bid system (Technical bid & Price bid)** from reputed manufacturers/suppliers.

|                           |  |
|---------------------------|--|
| Tender Enquiry No.        | 75-6/2025-PUR (PMMSY-NBC)  |
| Published Date            | 15.12.2025, 3.00 P.M.  |
| Bid submission start date | 16.12.2025, 10.00 A.M.   |
| EMD Amount                | 2.5%, Demand Draft/BG in favour of <b>ICAR UNIT CMFRI, KOCHI</b> |
| EMD Submission start Date | 16.12.2025   |
| Bid submission end date   | 05.01.2026   |
| Bid opening date          | 06.01.2026   |

#### **IMPORTANT NOTES:**

1. Tender Documents can be downloaded from CMFRI Website [www.cmfri.org.in](http://www.cmfri.org.in) or from the Central Public Procurement Portal [www.eprocure.gov.in](http://www.eprocure.gov.in). Bidders should enroll/register in the e-procurement module of Central Public Procurement Portal through the website [www.eprocure.gov.in](http://www.eprocure.gov.in) for participating the bidding process. Bidders should also possess a valid DSC for online submission of bids.
2. **Bids received one-tendering portal only will be considered.** Bids in any other form sent through sealed cover/e-mail/post/fax etc. will be rejected.
3. ICAR-CMFRI reserves the right to accept/reject any or all the tenders in part/full without assigning any reason thereof.
4. ICAR-CMFRI will not be responsible for any delay in enrollment/registration as bidder or submitting/uploading the offer on e-tender portal. Hence, bidders are advised to register in e-tendering website [www.eprocure.gov.in](http://www.eprocure.gov.in) and enroll their Digital Signature Certificate and upload their quotation well in advance.
5. Any change/corrigendum/extension of opening date in respect of this tender shall be issued through websites only and no press notification will be issued in this regard. Bidders are therefore requested to regularly visit our website for update.

lace: Mandapam Camp  
Date: 12.12.2025

Assistant Administrative Officer  
Mandapam RC of ICAR-CMFRI.

### **GENERAL TERMS & CONDITIONS**

1. Only bids received on CPP Portal will be considered for opening. Bids in any physical form sent through Fax/e-mail/courier/post/delivered personally will not be considered.
2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
3. Bidders shall not be permitted to alter or modify their bids after expiry of the deadline for receipt of bids.
4. For Indian Bidders – The rates quoted should be for delivery and installation under the supervision of MRC of ICAR-CMFRI, Mandapam Camp. The bid shall be valid for a period of 90 days from the date of opening of the tender. If taxes, duties or any other charges payable by the Purchaser should be clearly indicated in the financial bid (BOQ).
5. In case the manufacturer has submitted the bid, the bids of its authorized dealer will not be considered. In case of violation, both infringing bids will be rejected.
6. In case bidder is an authorized Dealer/Agent/Distributor – **attested photocopies of Manufacturer's Authorization Certificate and also Manufacturers confirmation of extending the required warranty for that product to be enclosed failing which the tender will be rejected.**
7. In case the bidder is an Indian Agent of foreign manufacturer, **an attested copy of Agency Agreement between the Original Equipment Manufacturer and the Indian Agent showing the details of Agency Commission and confirmation of acceptance of payment in Indian Rupees to be enclosed failing which the tender will be rejected.**
8. Rules and regulations for transportation of goods from foreign countries will be as per the contemporary version of the International Commercial Terms (Incl. terms).
9. The equipment offered shall confirm to the specifications as given in Annexure-I shall be guaranteed against defective design, defective quality material supplied, manufacturing defects etc., for a minimum period of 1 year from the date of supply/installation. Documents supporting the technical specification of the quoted goods may be uploaded in cover-1 in the PDF format.

10. Manufacturer's name and country of origin of materials offered must be clearly specified. Please quote whether your organization is large scale industry or small scale industry. If you have NSIC/MSE/MSI/DGS&D Certificate, please attach it to the quotation. Mention your Registration details.
11. Complete details and ISI specification if any must accompany the quotation. Make/brand of the items shall be stated wherever applicable. If you have got any counter offer as suitable to the material required by us, the same may be shown separately.
12. Complete specification of the article quoted, including its Make & Model No., etc. in bidder's letter head shall be uploaded in the e-tender in PDF form along with illustrated pamphlets, brochure, drawings etc. wherever applicable in Cover-1. Correct postal address, Phone/Mobile number, e-mail ID of the Bidder and address & contact details to whom the purchase order has to be placed, also has to be given.
13. Proper servicing, whenever necessary, has to be provided by the supplier or their authorized agents. Availability of technical support & servicing facility locally/nationally should be submitted in PDF form in Cover-1 of the Bid.
14. Users list may also to be attached in the tender form
15. **Bid Validity:** A bid shall remain valid for the period of 90 days from the date of opening of tender.
16. **Bid Security:**
  - a) The units registered with Micro Small Enterprises (MSEs) as defined in MSE Procurement Policy issued by Dept. of Micro, Small and Medium Enterprises (MSME) or are registered with the Central Organization or the concerned Ministry or Department or Startups as recognized by Department of Industrial Policy & promotion (DIPP) shall be exempted from the payment of Bid Security (Earnest Money Deposit) as defined under Rule 170 (i) of General Financial Rules (GFR-2017). In such case, copy of the Certificate showing registration with the above mentioned institutions to be uploaded in Cover-I of the e-tender in PDF format. **The MSMEs having exemption in Paying the bid security need to submit a copy of the exemption certificate by Register Post to reach us at least 7 working days prior to the closing date of the tender.**
  - b) In case the unit is not covered as above, it shall submit the offer along with the Bid Security for 2.5% bid value.
  - c) The Bid Security of 2.5% can be submitted in the form of Demand Draft/Bank Guarantee in favour of **"ICAR UNIT – CMFRI" payable at Kochi** or Bank Guarantee in the prescribed format, valid for 45 days beyond the final bid validity period. **Name of the Bidder, Tender and Tender reference No. has to be furnished behind the Bid Security DD/Bankers Guarantee.** The scanned copy of Bid Security by way of DD/BG or its exemption Certificate in PDF form should be uploaded in the relevant field of the e-Tender. The offers without Bid Security will be rejected.

- d) The Bid Security will be returned to the unsuccessful bidders after the orders are placed with the successful bidder.
- e) The Bid Security will be forfeited if the bidder fails to accept the order based on his/her offer or fail to supply the items.
- f) Bid Security will be refunded to the successful bidder on receipt of Performance Security.

**17. Performance Security**

The successful Firm/Party is required to remit a Performance Security (or Performance Bank Guarantee (PBG) or Security Deposit (SD) amounting to 5 % of the cost of equipment in the form of an account payee Demand Draft drawn in favor of "ICAR UNIT – CMFRI" Kochi or Fixed Deposit receipt from a commercial bank, bank guarantee issued/confirmed from any other commercial bank in India in an acceptable form as directed by this office. **The Performance Security to be remitted within 14 days after notification of the award and it should remain valid for a period of 12 months beyond the date of completion of all contractual obligations of the supplier, including warranty obligations.** Performance Security shall be refunded to the contractor without interest, after he duly performs and completes the contract in all respect but not later than 12 months of completion of all such obligations including warranty under the contract. Performance Security will be forfeited and credited to the Procuring Entity's account in the event of a breach of contract by the contractor.

**18. PAYMENT CLAUSE**

- a) In case of **Indigenous Goods**, the main elements of price may include raw material, production cost, overhead, packing and forwarding charges, margin of profit, transit insurance, excise duty, IGST and other taxes and duties as applicable.
- b) **Elements of Price:** Price includes the price of the goods, cost of installation and Commission, operators' trains and so on. The bidders shall be furnishing a cost break-up indicating the applicable prices and taxes for each of such components along with the over all price.
- c) **Currency:** Domestic tenderers are to quote and accept their payment in Indian currency. In case of foreign currency, conversion rates in INR will be taken on that day when financial bid will open.
- d) **Terms of Payment for Domestic Goods:** Where the **terms of delivery is FOR** Destination/delivery at site, the usual payment terms is 100 per cent on receipt and acceptance of goods by the consignee and on production of all required documents by the supplier and successful installation and commissioning of the equipment.
- e) Payment of sales tax a primarily the responsibility of the seller and will not be paid unless the percentage value is clearly mentioned in the quotations. If no indication regarding IGST is recorded in the quotation, the IGST will be considered as included.

- 19. Mode of payment for Domestic Goods:** Payment for domestic suppliers will be on transparent electronic payment systems like Electronic Clearance System (ECS), Real-Time Gross Settlement Systems (RTGS), National Electronic Funds Transfer (NEFT) or Electronic Payment Gateways.

## 20. Documents for payment for Domestic Goods:

- i) Supplier's Invoice indicating, inter alia description and specification of the goods, quantity, unit price, total value.
- ii) Packing list identifying contents of each package
- iii) Certificate of Origin
- iv) Insurance Certificate
- v) Railway receipt/consignment note
- vi) Manufacturer's guarantee certificate and in-house inspection certificate
- vii) Inspection certificate issued by purchaser's inspector
- viii) Any other document(s) as and if required in terms of the contract.

## 21. Terms of payment for Imported Goods:

Letter of Credit will be opened for 100% value with condition to release the payment as follows:

### A) On shipment:

**90% of the contract price** shall be paid through irrevocable letter of credit established in favour of the foreign supplier in scheduled commercial bank in India or a bank in the supplier's country acceptable to the purchaser, upon submission of the following documents:

- i) Supplier's original invoice giving full details of the goods including quantity, value, and soon;
- ii) Packing list identifying contents of each package
- iii) Certificate of country of origin of the goods to be given by the seller or a recognized chamber of commerce or another agency designated by the Local Government for this purpose;
- iv) Certificate of pre-dispatch inspection by the purchaser's representative wherever necessary;
- v) Manufacturer's test certificate and guarantee;
- vi) Certificate of Insurance
- vii) Bill of lading/airway bill, rail receipt or any other dispatch document, issued by a Government Agency (like the Department of Posts) or an Agency duly authorized by the concerned Ministry/Department, indicating:
  - a) Name of the Vessel/Carrier;
  - b) Bill of loading/Airway Bill;
  - c) Port of loading;
  - d) Date of shipment;
  - e) Port of discharge and expected date of arrival of goods and
  - f) Any other document(s) as and if required in terms of the contract.

### B) On final Acceptance

**10% of the contract price** of the goods received shall be paid within 30 days of successful installation and commissioning at the consignee's premises and acceptance by the consignee.

- C) **Payment of Agency Commission**, if payable, against FOB/FAS/CFR/CIF/CIP contract – the entire 100% Agency Commission is generally paid (in non-convertible **Indian Rupees** on the basis of BC selling rate of exchange) after all other payments have been made to the supplier in terms of the contract.

## **22. Modes of payment for Imported Goods:**

For imported goods, payment usually happens through the Letter of Credit (LC) opened by the State Bank of India. The amount of LC should be equal to the total payable amount, and be released as per the clause mentioned above. Provisions of Uniform Customs and Practices for Documentary Credits will be adhered to while opening the LC for import into India. If the LC is not opened, payment can also be made to the seller through a direct bank transfer only after the receipt of prescribed document.

## **23. Insurance**

- a) The goods supplied under the contract, shall be fully insured in a freely convertible currency against loss or damage incidental to manufacturer or acquisition, transportation, storage and delivery in the manner specified in the contract.
- b) The amount to be covered under insurance should be sufficient to take care of the overall expenditure to be incurred by the procuring Entity for receiving the goods at the destination.
- c) Where deliver of imported goods is required by the purchaser on CIF/CIP basis, **the supplier shall arrange** and pay for marine/air insurance, making the purchaser the beneficiary.
- d) Where delivery is on FOB/FAS basis, marine/air insurance shall be the responsibility of the purchaser.

## **24. Termination of contract for Insolvency:**

If the supplier becomes bankrupt or becomes otherwise insolvent or undergoes liquidation or loses substantially the technical or financial capability (based on which he was deflected for award of contract), at any time, the purchaser may terminate the contract by giving written notice to the supplier, without any compensation to the supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will or will accrue thereafter to the Procuring Entity.

## **25. Termination of Contract for convenience:**

The purchaser by written notice sent to the supplier may terminate the contract, in whole or in part at any time for its convenience. The notice of termination shall specify the date with effect from which the termination will to become effective.

## **26. Dispute Resolution:**

When a dispute/difference arises between the procuring Entity and supplier, both the purchaser and supplier should first try to resolve it amicably by mutual consultation. If the parties fail to resolve the dispute within 21 (twenty one) days, then depending on the position of the case, either the purchaser or supplier should give notice to the other party of its intention to commence arbitration. When the contract with a domestic supplier, the applicable arbitration procedure shall be as per the Indian Arbitration and Conciliation Act, 1996. While processing a case for dispute resolution/litigation/arbitration, the procuring Entity shall take legal advice, at appropriate stage. **The venue of arbitration should be the place from where the contract has been issued (i.e MRC of CMFRI., Mandapam Camp).** In case of any Legal Dispute, the jurisdiction will be at Ramanathapuram

27. Delivery: Fully fabricated HDPE cages along with accessories should be supplied to the locations specified by the MRC of CMFRI within a maximum of three weeks from the date of supply order.
28. Liquidated Damage Clause: It would be realized @ 0.5% (half percent) of the base price (excluding taxes) of delayed goods for each week of delay subject to maximum 10%.
- 29. Warranty**
- i. The supplier warrants that the goods supplied under the contract is new, unused, of the most recent of current models and incorporated all recent improvement in design and materials unless provided otherwise in the contract. The supplier further warrants that the good supplied under the contract shall have no defect arising from design, materials (except when the design adopted and/or the material used are as per the purchaser's specifications) or workmanship or from any act or omission of the supplier, that may develop under normal use of the supplied goods under the conditions prevailing in India.
  - ii. This warranty shall remain valid for one year after the goods or any portion thereof as the case may be, have been delivered to the final destination and installed and commissioned at the final destination and accepted by the purchaser in terms of the contract.
  - iii. The purchaser shall promptly notify the supplier in writing of any claim arising under this warranty.
  - iv. Upon receipt of such notice, the supplier shall with all reasonable speed (or within the period, if specified in the **Schedule of Requirements** and the contract), repair or replace the defective goods or parts thereof, free of cost, at the ultimate destination. The supplier shall take over the replaced parts/goods at the time of their replacement. No claim whatsoever shall lie on the purchaser for the replaced parts/goods thereafter.
  - v. In the event of any correction of a defect or replacement of any defective material during the warranty period, the warranty for the corrected/replaced material shall be extended to a further period of 12 (twelve) months from the date such corrected/replaced material starts functioning to the satisfaction of the purchaser. If the supplier, having been notified, fails to remedy the defect(s) within a reasonable period (or within the period, if specified in the **Schedule of Requirements** and the contract), the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expense and without prejudice to any other rights, which the purchaser may have against the supplier, under the contract.
- 30. Integrity Pact**
- The integrity Pact essentially envisages an agreement between the prospective vendors/bidders and the buyer, committing the persons/officials of both sides, not to resort to any corrupt practices in any aspect/stage of the contract. Only those vendors/bidders, who commit to such a pact with the buyer, would be considered competent to participate in the bidding process.

The essential ingredients of the Pact include:

- a) Promise on the part of Procuring Entity to treat all the bidders with equity and reason and not to seek or accept any benefit, which is legally available.
- b) Promise on the part of bidders not to offer any benefit to the employees of the Procuring Entity not available legally and also not to commit any offence under Prevention of Corruption Act, 1988 or Indian Penal Code 1860.
- c) Promise on the part of bidders not to enter into any undisclosed agreement or understanding with other bidders with respect to prices, specifications, certifications, subsidiary contracts; etc.
- d) Undertaking (as part of Fall Clause) by the bidders that they have not and will not sell the same material/equipment at prices lower than the bid price;
- e) Foreign bidders to disclose the name and address of agents and representatives in India and Indian Bidders to disclose their foreign principals or associates;
- f) Bidders to disclose the payments to be made by them to agents/brokers or any other intermediary; vii) Bidders to disclose any past transgressions committed over the specified period with any other company in India or Abroad that may impinge on the anti corruption principle;
- g) Integrity Pact lays down the punitive actions for any violation.
- h) Integrity Pact (IP) would be implemented through a panel of Independent External Monitors (IEMs): Shall be appointed by the organization in consultation with Central Vigilance Commission. Names and contact details of the Independent External Monitor(s) should be listed in Notice Inviting Tender (NIT). The IEM would review independently and objectively, whether and to what extent parties have complied with their obligations under the Pact. Government of India organizations and Public Sector Undertakings desirous of implementing Integrity Pact are required to select at most three persons (below the age of 70 (seventy) years) of high integrity and reputation as Independent External Monitors (IEM) after due diligence and forward to the CVC for its approval. Only those officers of Government of India Departments or Public Sector Undertakings, who have retired from top management positions, would be considered for appointment as IEM, provided they are neither serving or retired from the same organization. Eminent persons, retired judges of High/Supreme Courts, executives of private sector of considerable eminence could also be considered for functioning as Independent External Monitors. The appointment of Independent External Monitors would be for an initial period of three years and could be extended for another term of two years (maximum tenure of five years). Names and contact details of the Independent External Monitor(s) should be listed in Notice Inviting Tender (NIT).
- i) In tenders meeting the criteria of threshold value/nature of procurement: Integrity Pact clause and format should be included in the Bid Documents. Each page of such Integrity pact proforma would be duly signed by Purchaser's competent signatory. All pages of the Integrity Pact are to be returned by the bidder (along with the technical bid) duly signed by the same signatory who signed the bid, i.e. who is duly authorized to sign the bid and to make binding commitments on behalf of his company. Any bid not accompanied by integrity Pact duly signed by the bidder shall be considered to be a non-responsive bid and shall be rejected straightway.



j) Role/Functions of IEMs: The Monitors would not be subject to instructions by the representatives of the parties and should perform their functions neutrally and independently. They would review independently and objectively, whether and to what extent parties have complied with their obligations under the Integrity Pact. For this purpose, they would have access to all contract documents/books of accounts of the bidders in case of any allegation of violation of any provisions of the Integrity Pact or payment of commission, whenever required. The IEMs will have the option to participate in such meetings among the parties related to the project provided such meetings could have an impact on the contractual relations between the parties. Ideally all IEMs of an organization should meet once every two months to take stock of ongoing tendering process. The IEMs would examine all complaints received by them and give their recommendations/views to the designated officer of the Procuring Entity, at the earliest. The Monitors would also inform the Procuring Entity, if they notice or have reason to believe, a violation of the Integrity Pact. They may also send their report directly to the Central Vigilance Commission, in case of suspicion of serious irregularities requiring legal/administrative action. At least one IEM would be invariably cited in the NIT. However for ensuring the desired transparency and objectivity in dealing with the complaints arising out of any tendering process, the matter should be examined by the full panel of IEMs, who would look into the records, conduct an investigation, and submit their joint recommendations. The recommendations of IEMs would be in the nature of advice and would not be legally binding. IEMs may not be equated with consultants in the Procuring Entity. Their role is independent in nature and the advice once tendered would not be subject to review. The role of the Chief Vigilance Officer (CVO) of Procuring Entity shall remain unaffected by the presence of IEMs. A matter being examined by the IEMs can be separately investigated by the CVO, if a complaint is received by him or directed to him by the CVC.

31. The above procurement will be subject to Manual for Procurement of Goods 2017([http://www.doe.gov.in/sites/default/files/Manual%20for%20Procurement%20of%20Goods%202017\\_0\\_0.pdf](http://www.doe.gov.in/sites/default/files/Manual%20for%20Procurement%20of%20Goods%202017_0_0.pdf)) and General Financial Rules 2017 ([https://www.mof.gov.bd/en/index.php?option=com\\_content&view=article&id=48&Itemid=1](https://www.mof.gov.bd/en/index.php?option=com_content&view=article&id=48&Itemid=1)) and orders and instruction and guidance from Govt. of India and ICAR from time to time.

## **INSTRUCTIONS TO BIDDERS**

The tender shall be submitted in accordance with these instructions and any tender not confirming to the instructions as under is liable to be rejected. These instructions shall form the part of the tender and the contract.

1. For Online Bid submission, as per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal ([URL:http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app)). The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates.

More information useful for submitting the online bids on the CPP Portal is available at "Bidders Manual Kit".

### **For Registration.**

2. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal ([URL:http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app)) by clicking on the line "Online Bidder Enrollment". Enrolment on the CPP Portal is free of charge.

3. Foreign Bidders have to refer "DSC details for foreign Bidders".

### **Bid Submission**

4. The intending Tenderer, in case of Original Equipment Manufacturers (OEM) shall upload a self-declaration on their letter head as PDF file in Cover-1 of e-tender, along with the tender documents, confirming that they are regularly manufacturing, supplying, and installing testing & commissioning of the similar equipment for the last 2 years.
5. The intending Tenderer, in case of Authorized Distributor/Authorized Dealer shall possess valid authorized Distributorship/Dealership license from Original Equipment Manufacturers (OEM). The tenderer shall enclose the copy of the same as PDF file in Cover-1 of the e-tender while submitting the tender.
6. The equipment shall be in compliance with the specifications mentioned in Annexure-I of the tender and shall be of the latest technology, best quality and high standards.
7. Any optional accessories/tooling, besides the standard equipment recommended for the better performance of the equipment, if offered, is provided with their full technical details including their use and advantage in a separate sheet with the tender documents. **Minimum one year warranty from the date of installation has to be provided for the Cages.**
8. No extra payment shall be paid on account of any discrepancy in nomenclature of items.
9. While submitting the tender, if any of the prescribed conditions are not fulfilled or are incomplete in any form, the tender is liable to be rejected. If any tender stipulates any condition of his own, such conditional tender is liable to be rejected.

10. **The Head, MRC of CMFRI, Mandapam Camp**, reserves the right to reject any tender/bid wholly or partly or to cancel the Bidding processes and reject all bids at any time prior to the award of contract without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected Bidder or Bidders of the rough for Institute's action.
11. The Technical Evaluation Committee constituted by the **Head, MRC of CMFRI, Mandapam** Camp shall have the right to verify the particulars furnished by the bidder independently.
12. Tenderer shall take into account all costs including installation, commissioning, cartage etc. for giving delivery of material at site under the supervision of MRC of CMFRI, Mandapam Camp before quoting the rates. In this regard no claim for any extra payment for any reason shall be retrained.
13. The item should be delivered at the site as mentioned in the Schedule of Requirements for Indian bidders, for foreign bidders it should be on **FOB basis** and the supplier shall be responsible for any damage during the transit of goods.
14. All the tender documents & price bid to be uploaded as per this tender are to be digitally signed by the bidder.
15. All the communications with respect to the tender shall be addressed to:



Assistant Administrative Officer  
MRC of CMFRI, Mandapam Camp,  
Ramanathapuram District,  
PIN-623 520.

**Schedule of Requirement**

| Sl.No. | Name of Equipment  | Qty   | Minimum Warranty & AMC |
|--------|--|-------|------------------------|
| 1.     | Procurement of <b>Nano quantification Machine(Nano Drop Machine)</b> | 1 No. | 1 year warranty        |

**GUIDING SPECIFICATION AND OTHER TECHNICAL DETAIL FOR EACH CAGE INDICATED BELOW:****NAME OF THE EQUIPMENT: NANO QUANTIFICATION MACHINE FOR SENSITIVE FLUORESCENT DETECTION OF BIOMOLECULES****Specification:**

1. For accurate quantification of DNA, RNA, and protein concentrations in nano/micro-volume samples using fluorescent dyes.
2. Detection Method: Fluorescence-based detection using dye-binding chemistry.
3. Instrument type: Benchtop
4. Capable of quantifying analytes in volumes as low as 1–20  $\mu\text{L}$ .
5. The system should offer built-in or software-supported calculators to assist with reagent preparation and assay normalization
6. The system should be capable of supporting dye-based assays commonly used in molecular biology research
7. Fluorescence-Based Nano Quantification System for DNA, RNA, and Protein
8. Instrument should have built-in RNA Integrity Assessment
9. Capable of processing multiple samples rapidly; minimum 1 sample within 5 seconds
10. System must include pre-installed or user-loadable protocols for DNA, RNA and protein
11. Large, color touchscreen display, User-friendly interface with guided workflows, Capability to export data via USB or cloud-enabled transfer
12. Data Output: quantification in  $\text{ng}/\mu\text{L}$  or  $\mu\text{g}/\text{mL}$ , exportable in standard file formats (CSV, PDF)
13. It should be compatible with a range of commercially available fluorescence-based quantification assays for nucleic acids and proteins.
14. Detection Sensitivity: DNA (as low as 10  $\text{pg}/\mu\text{L}$  or better), RNA (as low as 250  $\text{pg}/\mu\text{L}$  or better) and protein (as low as 0.25  $\mu\text{g}/\text{mL}$  or better)
15. Operating humidity: 15–80% (non-condensing)
16. System should use photodiode-based detection with a broad spectral range suitable for fluorescence measurements; from 320–1,100 nm or better

17. System should support at least two fluorescence channels compatible with common dyes for nucleic acid and protein quantification (Excitation filters: Blue 456–484 nm or better; Red 612–644 nm or better; Emission filters: Green 513–563 nm or better; Far-Red 671–693 nm or better)
18. Touchscreen display with minimum 8 inch or higher, with color display
19. Software module that supports with FDA 21 CFR Part 11 regulations for electronic and electronic signature (provide add-on software) or equivalent
20. System should include compatible software with computer – Inter corei7 with SSD512GB, Windows 11 OS Professional with 64 bit, GB Graphics Card, minimum 24" Monitor and color printer
21. Should include all essential accessories: Sample tubes or assay tubes (1000 number), Power adapter and cables, USB drive or equivalent for data transfer.
22. Should include 500 assays for each DNA, RNA, and protein quantification (assay should use specific dye for quantification of DNA/RNA/protein), compatible with the system.
23. System must allow calibration using manufacturer-supplied or standard reference materials: Minimum 2 standards; calibration kit must be provided, if required. OR Instrument should be factory calibrated
24. Wrap-up time: less than 40 seconds
25. Operating power: 100–240  $\pm$ 10% VAC, 1.3 A or better
26. USB drive for data export, minimum 4 GB or higher.
27. Comprehensive warranty: 3 years
28. On-site installation, demonstration, and basic user training must be provided.
29. Shortlisted vendors may be asked to demonstrate the equipment prior to final selection.
30. Supply and installation of room temperature control system for maintaining optimal environmental conditions required for Nano quantification machine operation (minimum capacity 2.0 tons)
31. Instruction manual must be supplied
32. Number of installations of the Machine in Central /State/PSU Govt Hospitals (Note: Seller should supply a performance certificate of the device to the buyer if demanded after placement of order): More than 5
33. Availability of toll-free facility for technical support maintained by OEM or authorized agencies
34. User/Technical/Maintenance manuals/brochures in original to be supplied in English in hard and soft copy
35. Supplier should attach a compliance sheet in the technical bid, mentioning offered specification against the tender specification with remark column (complied/non-complied). Also should provide supporting literature (Data sheet, application note etc) for the same. ANY OFFER NOT HAVING THE COMPLIANCE SHEET and SUPPORTING LITERATURE WILL BE OUTRIGHTLY REJECTED.

## **Annexure II**

### **List of Documents to be provided as PDF file in Cover-I Technical Bid.**

1. Copy of Bid Security by way of Demand Draft, Bank Guarantee or certificate showing its exemption, if claiming.
2. Full Address/contact details.
3. Copy of IGST Registration.
4. Income Tax return of last three years from 2022 -2023 to 2024-2025.
5. PAN Card.
6. In case of Original Equipment Manufacturers (OEM) shall upload a self-declaration on their letter head, confirming that they are regularly manufacturing, supplying, and installing
7. testing & commissioning of the similar equipment for the last 2 years.
8. In case of Indian Agent – attested copy of the Agency Agreement between the OEM and Indian Agent showing the details of Agency Commission otherwise tender will be rejected.
9. In case bidder is an authorized Dealer/Agent/Distributor of an Indian Manufacturer – attested copy of Manufacturer's Authorization Certificate and also Manufacturer's confirmation of extending the required warranty for the product
10. Details of technical support and servicing facility available locally and nationally.
11. Make, Model No., Specification, Catalogue, Warranty etc. of the items quoted in the letter head with its supporting documents.
12. Tender documents duly signed by the bidder.
13. If the unit registered with MSME an attested copy of Certificate.

Cover-II – FINANCIAL BID – in .pdf format to be filled as per the instructions given in Financial Bid.

All the documents and BOQ (Financial Bid) has to be signed by the Bidder.



Assistant Administrative Officer  
Mandapam RC of ICAR-CMFRI.

**TENDER ACCEPTANCE LETTER**  
(To be given on company letter head)

Date:

To,     The Head,  
          MRC of CMFRI,  
          Mandapam Camp.

Sub: Acceptance of terms and conditions of tender -regarding.

Ref: Tender No.

Name of the tender: .....

Sir,

1. I/we have downloaded the tender documents for the above mentioned Tender from the website(s) name:

.....

.....

as per your advertisement.

2. I/we have certify that I/we have read the entire terms and conditions of the tender documents from page No. .... to..... (including all documents like Annexure(s),

I/we shall abide hereby the terms/conditions, clauses contained therein.

3. I/we hereby unconditionally accept the tender conditions of above mentioned tender document(s)/corrigendum(s) in its totality.

4. I/we do hereby declare that our firm has not been blacklisted/debarred by any Government Department/Public Sector Undertaking.

5. I/we certify that all information furnished by our firm is true and correct and in the event the information is found to be incorrect/untrue or found violated, then your Department/organization shall without giving any notice or reason thereof or summarily rejected the bid or terminate the contract.

6. I/we engage to supply the material(s) to your office and comply the following:

7. Tender schedule and Technical Specification indicated

8. This offer is valid for 90 days from the date of opening of the tender

9. That the rates quoted are not higher than the rates quoted for same

Item to any Government/Undertaking.

10. That the bid submitted by us is properly sealed and prepared so as to prevent any subsequent alteration and replacement.

|                                  |  |                                      |  |
|----------------------------------|--|--------------------------------------|--|
| Signature & Seal<br>Place & date |  | Name of the<br>Authorized Signatory: |  |
| Address                          |  | Telephone No<br>Fax No               |  |
|                                  |  | Mobile No.<br>E-mail ID              |  |

**Annexure IV**

**Financial Bid**

**Tender Schedule: All Rates in Figures and in words in Rupees.**

| Sl.No. | Description<br>& specification                                    | Quantity | Rate<br>per Unit | Taxes &<br>Duties | Total Rate<br>per Cage | Total<br>Value for<br>4 cages | Remarks |
|--------|---|----------|------------------|-------------------|------------------------|-------------------------------|---------|
| (1)    | (2)   | (3)      | (4)              | (5)               | (6) (4+5)              | (7) (3x6)                     |         |
|        | <b>Nano<br/>quantification<br/>Machine(Nano<br/>Drop Machine)</b> | 1 No.    |                  |                   |                        |                               |         |

Signature:

Name:

Address:

Seal: