

www.cift.res.in
Phone: 0484-2412300
Fax: 0091 -484-2668212

E.Mail: cift@ciftmail.org
ciftpurchase@gmail.com



केन्द्रीय मात्स्यकी प्रौद्योगिकी संस्थान
CENTRAL INSTITUTE OF FISHERIES TECHNOLOGY
(भारतीय कृषि अनुसन्धान परिषद)
(INDIAN COUNCIL OF AGRICULTURAL RESEARCH)
विल्लिंगडन आइलैंड, मत्स्यपुरी पी. ओ., कोच्चिन-682 029
WILLINGDON ISLAND, MATSYAPURI P.O., COCHIN-682 029



***TENDER FOR THE SUPPLY OF
ZETA POTENTIAL ANALYSER/
PARTICLE SIZE ANALYSER
FOR
CIFT - KOCHI***

Tender Enquiry No.: **F.No. 4-7/2019-Purchase**

(Type here to view the tender in CPP Portal)

email: ciftpurchase@gmail.com

website: www.cift.res.in

www.eprocure.gov.in

Tel: 0484 – 2412397 / 2412345

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NOTICE INVITING TENDER

CIFT invites e-tenders for the supply of Zeta potential analyser/Particle size analyser through the website www.eprocure.gov.in under two bid system from reputed manufacturers / suppliers.

| Tender Enquiry No. : F. No. 4-7/2019-Purchase | |
|---|------------------------|
| Published Date | 27.09.2019 - 1600 hrs |
| EMD Submission end date | 18.10.2019 - 1100 hrs |
| Bid submission start date | 27.09.2019 - 1630 hrs |
| Bid submission end date | 17.10.2019 - 1130 hrs |
| Technical bid opening date | 18.10.2019 - 11 30 hrs |

IMPORTANT NOTES:-

1. Tender Documents can be downloaded from CIFT website www.cift.res.in or from the Central Public Procurement Portal 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 for participating in the bidding process. Bidders should also possess a valid DSC for online submission of bids.
2. **Bids received on e-tendering portal only will be considered. Bids in any other form sent through sealed cover/email/post/fax etc. will be rejected.**
3. CIFT reserves the right to accept / reject any or all the tenders in part /full without assigning any reason thereof.
4. CIFT 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 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 updates.

Asst. Admn. Officer (P)
FOR DIRECTOR

Place: Kochi
Date: 27.09.2019



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INSTRUCTIONS TO THE TENDERERS

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 link [“Online Bidder Enrollment”](#). Enrolment on the CPP Portal is free of charge.
3. Foreign Bidders have to refer [“DSC details for foreign Bidders”](#) (☞ click here to view) for Digital signature Certificates requirements which comes under Download Tab at <http://eprocure.gov.in/eprocure/app?page=StandardBiddingDocuments&service=page> and the remaining part is same as above and below.

Bid Submission

4. The intending Tenderer, in case of Prime Equipment Manufacturers (PEM) shall upload a self-declaration on their letter-head as PDF file in Cover-I of e-tender, along with the tender documents, confirming that they are regularly manufacturing, supplying, installing, testing & commissioning of the similar equipment for the last 2 years.
5. The intending Tenderer, in case of Authorized Distributor/ Authorised Dealer shall possess valid authorized Distributorship /Dealership license from Prime Equipment Manufacturers (PEM). The tenderer shall enclose the copy of the same as PDF file in Cover-I 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, be provided with their full technical details including their use and advantage in a separate sheet with the tender documents. **Minimum 1 year warranty has to be provided for the equipment.**
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 tenderer stipulates any condition of his own, such conditional tender is liable to be rejected.
10. Director, CIFT, 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 ground for Institute's action.
11. The Technical Committee constituted by the Director, CIFT 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 **i.e. CIFT, Cochin** before quoting the rates. In this regard no claim for any extra payment for any reason shall be entertained.
13. The item should be delivered at **CIFT, CIFT Junction, Matsyapuri P.O ,Cochin 682029** 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:

**The Director,
Central Institute of Fisheries Technology,
Willingdon Island, Matsyapuri P.O.
Kochi – 682029.**



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GENERAL TERMS & CONDITIONS

1. Name of the Item : **Zeta Potential analyser/Particle size analyser**
2. Quantity : **1 No.**
3. Only bids received on CPP Portal will be considered for opening. Bids in any physical form sent through fax/email/courier/post/ delivered personally will not be considered.
4. Bidder should log into the site well in advance for bid submission so that the bid is uploaded in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
5. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
6. For Indian Bidders, the rates quoted should be for delivery and installation at **CIFT, Cochin**. The tender shall be valid for a period of 90 days from the date of opening of the tender. **If taxes, duties or any other charges over and above the rates quoted are payable by the purchaser actuals of such taxes/duties/charges should be clearly indicated in the financial bid (BOQ). Please note that this Institute is entitled to 5 % concessional GST, exempted from payment of excise duty as applicable to Educational / Research Institutions/ Laboratories etc. against DSIR Certificate.**
7. For Goods imported from abroad the bid should be in FOB basis and the FOB Place has to be clearly indicated in the bid. Bidder can quote in Indian Rupee(INR), US Dollar(USD), Japanese Yen(JPY), Euro(EUR), Great Britain Pound(GBP), Swiss Franc(CHF) & Canadian Dollar(CAD), Norwegian Krone (NOK).
8. Name & address of the Indian agent with authorization letter from the Prime Manufacturer and agency commission, if any, may be specifically mentioned in the quotations in the case of foreign procurements. Indian Agency Commission wherever applicable, will be paid in INR only.
9. An Agent can represent only one firm in a tender and a PEM cannot submit more than one offer against a tender through different sole selling agents or one directly and another through sole selling agent. In such cases, all the offers will be rejected

10. Unless otherwise specifically agreed to by the purchaser and the supplier and incorporated in the contract, the applicable rules & regulations for transportation of the goods from foreign countries will be as per the contemporary version of the International Commercial Terms (Incoterms).
11. The equipments offered shall confirm to the specifications as given in Annexure -I/supply order and 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 - I in the PDF format.
12. The Tenderer shall upload PDF format copy of GST Registration/ Income Tax PAN, in Cover - I of the e-tender.

13. **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 Purchase 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.
 - b. In case the unit is not covered as above, it shall submit the offer along with the **Bid Security for Rs. 30,000/- (Rupees Thirty thousand only)**
 - c. The Bid Security of Rs. 30,000/- (Rupees Thirty thousand only) can be submitted in the form of Demand Draft /Bankers cheque in favour of "ICAR Unit CIFT, Cochin" payable at State Bank of India, Willingdon Island Cochin-682009 or **Bank Guarantee** (←click here to download the BG Format) in the prescribed format, valid for 45 days beyond the validity of bid. **The Bid security is to be submitted to this office on or before 17.10.2019 .** Name of the Bidder, Tender and Tender reference number has to be furnished behind the Bid Security DD/Bankers cheque. The scanned copy of Bid Security by way of Demand Draft/Bankers Cheque /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 (bid) or fail to supply the items.
14. **Performance Security:** The successful Firm/Party is required to remit a performance security amounting to 5% of the cost of the item/equipment in the form of Demand Draft /Bankers cheques drawn in favour of "ICAR Unit CIFT, Cochin "payable at State Bank of India, Willingdon Island Cochin-682009 or Bank Guarantee from a commercial Bank as directed by this office. The performance security to be remitted within 10 days from the formal intimation. If the bidder fails to remit the Performance Security the Bid security will be forfeited and the acceptance of the tender will be withdrawn and no further correspondence in this regard will be entertained.

15. Full specification of the article quoted, including its Make & Model No., its warranty/guarantee period 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, email id of the bidder and address & contact details, to whom the purchase order has to be placed, also has to be given.
16. Payment will be made by Bank/Electronic Transfer, only after satisfactory completion of supply/installation and receipt of pre-receipted bill in triplicate. Quotations giving any other mode of payment may be avoided.
17. The Director, C.I.F.T., COCHIN-682029 reserves the right to accept or reject any or all the quotations either in full or in part without assigning any reason in the best advantage of this Institute.
18. 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.
19. AMC charges for the first five years after warranty period, its terms and conditions etc. may be indicated. AMC Charges are also likely to be considered by the Competent Authority for comparison before selection.
20. Users list may also to be attached in the tender form.

Technical specifications for Zeta potential analyser / Particle size analyser

- Zeta potential and Particle size analyser using Dynamic light scattering technique
- Parameters to be analysed: Zeta potential and Particle size analyser with optional molecular weight
- Temperature control range +5 to +90°C ± 0.1°C

Zeta Potential:

- Zeta potential measurement range -500mV to +500mV
- Mobility range +/-20 μ .cm/V.s
- Conductivity 0 To 200mS/cm
- Should be able to measure in sample volume 100 μ L or less
- Sensitivity 10mg/mL 66kDa protein
- Should provide removable / disposable sample cell
- Measurement time should not exceed 2 min per sample

Particle Size:

- Size range 1.0 nm to 10 μ m
- Size should be calculated on a particle-by-particle basis
- Should be able to measure the concentration of particle in solution in the range of 10⁷ to 10⁹ particle per mL
- Should provide appropriate sample holder device such as glass / quartz / polystyrene cuvettes or any other sample holder device compatible with the equipment as well as the sample
- Material of the sample holder should not interfere with the analysis
- Accessories to introduce sample in the sample holder should be provided along with the equipment
- Should be able to measure in sample volume of 500 μ L or less
- Should have provision for automatic selection of detector angle based on sample concentration
- Should have compatible and sensitive detector that enables fast and accurate analysis of nanoparticles.
- Should provide real time results on size and concentration of nanoparticles
- Should be absolute technique that does not require calibration
- Sample measurement time should be less than 2 min.
- Should comply with ISO 22412, ISO 13321, ASTM E2490-09

Data processing and control:

Should provide computer with i3 processor with 4GB RAM and minimum 640GB hard disk drive, DVD/CD-RW, 4 USB Ports, 18.5 inch LCD monitor with key board, optical mouse and black and white LaserJet printer

Warranty: Minimum 1 year with offer for AMC for further 5 year

Optional:

- Instrument should have Provision to measure Molecular weight in the range 1000Da to 2x10⁷Da

ANNEXURE -I

Online Bid Submission Details

Online Bid Submission:

The Online bids (complete in all respect) must be uploaded online in Two Covers as explained below:-

| <u>COVER - I</u> | | | |
|--|------------------|--|-------------------|
| (Following documents to be provided as PDF file) | | | |
| S.No. | Documents | Content | File Types |
| 1. | Technical Bid | Make, Model No., Specification, Warranty etc. of the item quoted in the letterhead with its supporting documents. | .PDF |
| 2. | | Full Address/contact details, Copy of GST Registration, Income Tax PAN in case of Indian Agents quoting for foreign PEM. | .PDF |
| 3. | | Copy of Bid Security by way of DD/BC /BG or its exemption, if claiming | .PDF |
| 4. | | Self-declaration in letter head that the bidder is the Prime Equipment Manufacturer (PEM), Authorized Dealership license issued from the Prime Equipment Manufacturer (PEM), in case of dealers, Users list. | .PDF |
| 5. | | Details of technical support and servicing facility available locally and nationally | .PDF |
| <u>COVER - II</u> | | | |
| S.No. | Types | Content | |
| 1. | Financial Bid | Price bid (BOQ) to be filled in Excel format as per instructions given in price bid | .xls |

All the documents and BOQ has to be digitally signed by the bidder.

**Asst. Admn. Officer (P)
For Director**