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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 ROTARY FLASH EVAPORATOR

Tender Enquiry No.: [F.No.4-12/2018-Purchase](#)

( Click here to view the tender in CPP Portal)

email: ciftpurchase@gmail.com

website: www.cift.res.in

www.eprocure.gov.in

Tel: 0484 - 2412397

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NOTICE INVITING TENDER

CIFT invites e-tenders for the supply of **Rotary Flash Evaporator** through the website www.eprocure.gov.in under two bid system from reputed manufacturers / suppliers.

Tender Enquiry No. : F. No. 4-12/2018-Purchase		
Published Date	11-07-2018	1700 Hrs
Bid security submission last date	10-8-2018	1130 Hrs
Bid submission start date	11-7-2018	1715 Hrs
Bid submission end date	9-8-2018	1130 Hrs
Technical bid opening date	10-8-2018	1130 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.

Sd/-
Asst. Admn. Officer (P)
FOR DIRECTOR

Place: Kochi

Date: 11-7-2018



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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 obtained at www.eprocure.gov.in/eprocure/app

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 "Click here to Enroll". Enrolment on the CPP Portal is free of charge.
3. Foreign Bidders have to refer "DSC details for foreign Bidders" 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.
4. The intending Tenderer, in case of Prime Equipment Manufacturers 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/Authorized Dealer shall possess valid authorized Distributorship /Dealership license from Original Equipment Manufacturers. 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 2 years 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 without assigning any reason.
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, Kochi before quoting the rates. In this regard no claim for any extra payment for any reason shall be entertained.
13. The supply should be delivered at CIFT, Kochi 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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Phone: 0484-2412300

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GENERAL TERMS & CONDITIONS

1. Name of the Item : **Rotary Flash Evaporator**
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. 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 rate quoted are payable by the purchaser actuals/percentage of such taxes/duties/charges should be clearly indicated. Please note that this Institute is entitled to concessional Customs duty, exempted from payment of excise duty as applicable to Educational/Research Institutions/Laboratories etc. against declaration form.**
7. For Goods imported from abroad the bid should be in FOB basis. Bidders can quote in **INR, USD, JPY, EUR, GBP, CAD, CHF & NOK**.
8. Name & address of the Indian agent with authorization letter from the Principal 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 an 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 equipment offered shall conform to the specifications as given in Annexure -I/supply order and shall be guaranteed against any defective design, defective quality material supplied, manufacturing defects etc., for a minimum period of **2 years** 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.

In case the unit is not covered as above, it shall submit the offer along with the **Bid Security (EMD) for Rs. 12,000/-**.

- c) The Bid Security of **Rs. 12,000/- (Rupees Twelve 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-682003** or **Bank Guarantee** (←click there to download the BG Format) in the prescribed format, valid for 45 days beyond the validity of bid. This has to be submitted to this office **on or before 10-8-2018 @ 1130 Hrs.** Name of the 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 in PDF form should be included in Cover - I 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-682003 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 for shall be uploaded in the e-tender in PDF form along with illustrated pamphlets, drawings etc., where available, in Cover - 1.
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 CIFT, Kochi - 29 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, its terms and conditions etc. may be indicated. AMC Charges are likely to be considered by the Competent Authority for comparison before selection.
20. Users list may also to be attached in the tender form.

Specification

- **Modular System with integrated rotary evaporator, chiller and vacuum pump**
 - Vertical plastic coated condenser with 5 Lts Evaporating & 3 Lts. Receiving Flasks (2 each) with motorized lift, Auto Lift in case of power loss. Additional evaporating flasks to be provided: 100 ml (2 Nos.), 250 ml (2 Nos.), 500 ml (2 Nos.), Additional receiving flasks to be provided: 1L (1 Nos.) and 2L (1Nos.).
 - The coupling ring and the flange on the condenser side of the drive should be made of PPS (Poly Phenylene Sulphide), for chemical resistance.
 - Should have graphite filled PTFE vacuum seal – 1No. Provide additional Graphite filled PTFE Vacuum Seals – 2 no
 - With non-sticking quick release vapour tube, vapour tube should have large bore for fast distillation rates (up to 1200 ml (H₂O)/hour)
 - With quiet electronic capacitor motor drive,
 - Rotation speed adjustments up to 270 rpm
 - Microprocessor controlled heating bath temperature 20°C – 210°C with digital display, heating capacity 1300 W
 - Heating bath 4.5-litre capacity, should have space for evaporating flasks from 50- 500 ml
 - Digital graphic display for (rotation speed, vapour temperature, bath temperature, vacuum pressure, temperature and pressure ramping), with integrated vacuum controller.
 - Should have USB Interface for data management with software, in-built programming feature, for distillation with Vapour Temperature Sensor.
 - Heating bath should have safety handles and over heat cut-off protection at 220°C
 - Set bath temperature on display accuracy: +/- 1°C, with Protection Class: IP 67

- **Vacuum Pump:**
 - RMP regulated vacuum pump for high distillation rates reducing process time by 30%
 - Three-Stage diaphragm pump made from chemically resistant materials,
 - Suction capacity 1.5 m³/h to achieve ultimate vacuum of 9 mbar
 - condensate cooler accessories for vacuum pump

- **Chiller:**
 - Temperature range: -10°C to +40°C
 - Should have required circulating coolant
 - Temperature control accuracy +/- 0.5°C
 - Environmentally friendly CFC-free refrigerant

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)			
Sl. No.	Documents	Content	File Types
1.	Technical Bid	Technical Compliance Sheet with supporting documents as per specifications mentioned in Annexure - I	.pdf
2.		Copy of GST registration, Income Tax PAN, in case of Indian Agents quoting for foreign PEM.	.pdf
3.		Bid security copy by way of Demand Draft /BG or bid security exemption certificate copy, if claiming.	.pdf
4.		Self-declaration in letter head that the bidder is the Original Equipment Manufacturer, Authorized Dealership license issued from the Original Equipment Manufacturer, in case of dealers, Users list.	.pdf
5.		Details of technical support & servicing facility available locally and nationally	.pdf
<u>COVER - II</u>			
Sl. No.	Types	Content	File Types
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.

Sd/-
Asst. Admn. Officer (P)
For Director