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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 MUFFLE FURNACE**

Tender Enquiry No.: **F.No. 6-1/2016-Purchase (ABI-NAIF)**

CLICK THERE TO OPEN E-TENDER ↑  
IN CPP SITE

email: [ciftpurchase@gmail.com](mailto:ciftpurchase@gmail.com)

website: [www.cift.res.in](http://www.cift.res.in)

[www.eprocure.gov.in](http://www.eprocure.gov.in)

Tel: 0484 – 2412397 / 2412345 / 2412302

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F. No.6-1/2016-Purchase (ABI-NAIF)

Dated: 06.01.2017

**NOTICE INVITING TENDER**

The Director, Central Institute of Fisheries Technology, Kochi -29 invites e-tenders for the supply of One 'Muffle Furnace' for CIFT under Double bid system from the reputed manufactures/ suppliers through the website [www.eprocurement.gov.in](http://www.eprocurement.gov.in).

Tender Enquiry No.	F. No.6-1/2016-Purchase(ABI-NAIF)
Published Date	06.01.2017 – 1600 hrs
Bid submission start date	06.01.2017 – 1630 hrs
Bid Security submission end date	29.01.2017 – 1130 hrs
Bid submission end date	29.01.2017 – 1130 hrs
Technical bid opening date	30.01.2017 – 1130 hrs

1. Tender Documents can be downloaded from CIFT website [www.cift.res.in](http://www.cift.res.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 in the bidding process. Bidders should also possess a valid DSC for online submission of bids.
2. Bids received on e-tendering portal only be considered. Bids in any other form sent through sealed cover/email/post/fax etc. will be rejected.
3. Price quoted should remain fixed for a period of 90 days from the date of opening of the Tender.
4. Payment will be made by Electronic Transfer to the specific Bank Account of the payee. Hence Name of Bank, Branch, Account Number and IFS Code should invariably be furnished in the stamped bill for making payment.
5. 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.
6. 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



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### **INSTRUCTIONS TO THE TENDERERS**

The Tender shall be submitted in accordance with these instructions and any tender not confirming the instructions as under is liable to be rejected. These instructions shall form the part of the tender and 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 online bids on the CPP Portal may be obtained 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 Enrolment”](#). 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.
4. The intending Tenderer in case of Prime Equipment Manufacturers (PEM) shall upload a self-declaration on their letter-head, as PDF file Cover – I of e-tender, along with the tender documents, confirming that they are regular in manufacturing, supplying, installing, testing & commissioning of the similar equipment from last 2 years.
5. The indenting Tenderer, in case of Authorized Distributor/Authorized 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 three 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 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, 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 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 communication 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 : 'Muffle Furnace'
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 he/she upload the bid 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, Kochi**. 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 clearly indicated in the financial bid (BOQ). 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 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) & Australian Dollar (AUD).
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. Indian Agents, quoting for a Foreign Prime Equipment Manufacturer (PEM), have to compulsorily enlist themselves with DGS&D and details of such enlistment with DGS&D, should be furnished along with the bid in Cover-1.
10. An Agent can represent only one firm in attender 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.
11. Unless otherwise specifically agreed to be 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).

12. The equipment offered shall confirm 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 3 years 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
13. The Tenderer shall upload PDF format copy of Sales Tax/VAT Registration, Income Tax PAN, Bank details in Cover-1 of the e-tender.

**14. Bid Security**

- a) The units registered with Central Purchase Organization (DGS&D), National Small Industries Corporation (NSIC) or the concerned Ministry or Department shall be exempted from the payment of Bid Security as defined under Rule 157 of General Financial Rules (GFR), 2005. In such case, copy of the certificate showing registration with the above mentioned institutions to be uploaded in Cover – 1 of the e-tender in PDF format. The Indian Agents of foreign firms registered with DGS&D as explained at Sl. No.9 above are not eligible for exemption from submission of Bid Security.
- b) In case the unit is not covered as above, it shall submit the offer along with the Bid Security for ₹ 5,000/- (Rupees Five thousand only).
- c) The Bid Security of ₹ 5,000/- can be submitted in the form of Demand Draft/Bankers Cheque in favour of “ICAR Unit CIFT, Cochin” payable at Kochi or **Bank Guarantee** (←click to view) in the prescribed format, valid for 45 days beyond the validity of bid, is to be submitted to this office on or before **29.01.2017**. Name of the bidder, tender & tender reference number has to be furnished behind the Bid Security, DD/BC. The scanned copy of Bid Security by way of Demand Draft/BC/BG in PDF form should be included in Cover – 1 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.
15. **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 Cheque drawn in favour of “ICAR Unit CIFT, Cochin” payable at Cochin 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.
16. 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.
17. 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.

18. 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.
19. 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.
20. 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.
21. Users list may also to be attached in the tender form.

Asst. Administrative Officer (P)



SPECIFICATION FOR LABORATORY MODEL MUFFLE FURNACE

- Temperature range – T max 1200° C. Should be able to attain the maximum temperature within two hours on initiation.
- Should be a Bench top light weight rectangular type model – should be able to accommodate in the working space of lab. Maximum weight of the machine should be below 50 kg.
- The muffle chamber should have 05-10 litres capacity.
- The muffle chamber should have dual shell housing made of rust free stainless steel for low external temperatures.
- Should have either lift door or flap door with hot surface facing away from the operator.
- Should have Adjustable air inlet integrated in door.
- Heating from two sides (minimum) by ceramic heating plates or equivalent.
- Should have exhaust air outlet in rear wall of furnace.
- Should have LCD of furnace operating parameters with digital controller and provision for recording and documentation of process data.
- Should have provision for temperature uniformity measurement at a reference temperature compliant with ISO/IEC 17025:2005/EN/DIN standards.
- Should conform to EN DIN 60519-2 standards.
- Should be able to work in single phase Electrical connection, 220-230V, AC mains.
- Should provide sintering dish (4 Nos) collecting pan (2 Nos), protective heat resistant gloves (one pair) and one tong as part of standard accessories.

## **Online Bid Submission Details**

### **Online Bid Submission:**

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

<u><b>COVER – I</b></u>			
(Following documents to be provided as PDF file)			
<b>Sl. No.</b>	<b>Description</b>	<b>Content</b>	<b>File Type</b>
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 Sales Tax/VAT Registration, Income Tax PAN, Registration with DGS&D, 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><b>COVER – II</b></u>			
<b>Sl. No.</b>	<b>Type</b>	<b>Contents</b>	
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.

(K.B. Sabukuttan)  
Asst. Admn. Officer (P)  
For Director