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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

### “Supply and installation of Incinerator at CIFT, Kochi”

Tender Enquiry No.: **F.No. 1-6/2017-Cdn.**

(Click here to view tenders in cpp portal)

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

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

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

Tel: 0484 – 2412406 / 2412306 / 2412300

## INDEX

S. No.	Description	Page No.
1	Notice inviting tender	3
2	Instructions to tenderers	4
3.	Specification of Incinerator	5
4	General Terms & conditions	6-7
5	Online Bid submission details	8



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## NOTICE INVITING TENDER

CIFT invites e-tenders for the work "supply and installation of Incinerator at CIFT, Kochi" as per BOQ schedule of work enclosed through the website [www.eprocure.gov.in](http://www.eprocure.gov.in) from CPWD/PWD/MES or other Government agency registered contractors.

Tender Enquiry No. : F.No.1-6/2017-Cdn.	
Published Date	30.12.2017 – 1630 hrs
EMD Submission end date	19.01.2018 – 1100 hrs
Bid submission start date	30.12.2017 – 1700 hrs
Bid submission end date	19.01.2018 – 1430 hrs
Bid opening date	20.01.2018 – 1430 hrs

### IMPORTANT NOTES:-

1. Tender Documents can be downloaded from cift website [www.cift.res.in](http://www.cift.res.in) or from 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). 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 /all 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](http://www.eprocure.gov.in) and enroll their Digital Signature Certificate and upload their quotation well in advance.
5. Any changes / 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.

(P.Krishnakumar)  
Asst. Admn. Officer (Cdn.)  
FOR DIRECTOR

Place: Kochi  
Date: 30.12.2017

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

### For Registration

1. 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.
2. No extra payment shall be paid on account of any discrepancy in nomenclature of items.
3. Bidders should be registered Government Contractors.
4. 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.
5. Director, CIFT, reserves the right to reject any tender/bid wholly or partly without assigning any reason.
6. The Works Committee constituted by the Director, CIFT shall have the right to verify the particulars furnished by the bidder independently.
7. The work/service invited is for CIFT, Kochi and the contractor shall be responsible for dues damage during the execution of work.
8. All the tender documents & Price Bid to be uploaded as per this tender are to be digitally signed by the bidder.
9. 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.
10. 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.
11. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.

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.**

## Technical Specification

- I. The item offered should be operated either by HSD or by electricity
- II. Capacity 10-100kg/hour capacity
- III. Should have fabricated with minimum 6mm Thick – IS 2042 & IS 2062 Grade Ms Plate
- IV. With required channels & Angles
- V. The incinerator system should have fully automatic & consist of the following:
  1. Automatic waste feeding system
  2. Combustion chamber (primary) made from IS 2042 grade mild steel materials
  3. Duly lined with High Alumina Fire bricks (better than IS-8 standard)
  4. Combustion chamber (secondary) made from IS 2042 grade mild steel materials
  5. duly lined with High Alumina Fire Bricks 9 better than IS -8 standard
  6. Fully automatic electric heating coils with all respect for primary & secondary
  7. chambers
  8. Ash cum maintenance doors for the chambers. MS IS 2062 Grade Lining with
  9. High Grade Castable cement
  10. F.D Fan/Centrifugal Air Blower with electric motor
  11. Cyclone dust collector
  12. Flue gas scrubbing system (wet scrubber) with fibration and circulation tank
  13. Flue as ventury/ quenching system (stainless steel 316) with tank
  14. Droplet separator : 6mm thick – Ms plate fabricated with metal eliminators inside
  15. Circulation pumps with electric motor for above systems
  16. ID fan with SS impellers connected with electric motor
  17. Chimney : 30 meters / 100 Feet Hight, self supported M.S. 10mm to 5mm
  18. Thickness and 600mm to 400mm as per the requirements
  19. Duct line connected from combustion chamber to scrubber, to ID fan & Chimney
  20. Control panel with suitable box made from sheet materials, mounting plates fitting and key ignition transformer, hooter, PVC channel, control fuse, over load relay, indicating lamp, temperature controller cum indicator for primary & secondary chamber, temperature indicators etc. completely fitted and wired. The panel shall have audio visual alaram for any abnormal operations which makes operation safe and sound
  21. Required pipe line and valve fittings
  22. Painting : all the equipments & components should be coated with 2 coats of epoxy heat resistance paint
  23. Safety interlocks : safeties and interlock control will be incorporated with the incinerator system
  24. Operating standards and emission standards as per biomedical & waste management & handling) rules 1998 under schedule V
  25. Minor civil works to fix/ install the machine shall be done by bidders. The required power will be terminated in a single location with a TPN in the proposed site. The required wiring panels/ MCCB/RCCB circuit breakers for installing the machine shall be done by the bidder.
  26. The waterline/drainage will be provided at one single point in the proposed area
  27. The plumbing from this point to the machine/back shall be done by the bidder.

Asst. Admn. Officer(Cdn.)

## GENERAL TERMS & CONDITIONS

1. Before quoting for the tender, it is requested to kindly go through the quotation Document thoroughly and abide by all the terms and conditions given.
2. **Before quoting the rates, the site may be inspected.**
3. Quotations received after due date and time shall not be entertained.
4. The quoted rates must be valid for six months.
5. Rates quoted must be given in the prescribed format in BOQ only and TAX/VAT applicable may also be shown.

### **6. Earnest Money deposit**

The Contractor should furnish an **Earnest Money deposit** of **Rs.20,000/-** along with bid in the form of Account Payee Demand Draft from any of the Commercial banks in favour of "ICAR Unit CIFT, Cochin" payable at State Bank of India, Willingdon Island Cochin-682003, valid for 45 days beyond the validity of bid, is to be submitted to this office **on or before 19.01.2018**. Name of the Tender and Tender reference number has to be furnished behind the EMD DD/Bankers cheque. The scanned copy of Earnest Money Deposit by way of Demand Draft/Bankers Cheque in PDF form should be included in Cover -I of the E-tender. The offers without EMD will be rejected. The EMD will be returned to the unsuccessful bidders after the orders are placed with the successful bidder. The EMD will be forfeited if the bidder fails to accept the order based on his/her bid or fail to carry out the work.

7. The quotation must be for the whole work and not in fragments.
8. The Institute will not supply any tools, equipment, materials. The contractor has to make their own arrangement.
9. Works are to be executed strictly as per the specifications mentioned in the tender document, failing which, payment will not be made. Six months guarantee should be provided for the repairs undertaken.
10. Mandatory tax will be deducted at source from the bill as per rules.
11. 1% of the billed amount towards water charges will be recovered, if water for the work is supplied by the Department.
12. Deductions for electrical charges either on actual basis or at the rate of 1% of the billed amount will be made if the electricity is supplied by the Department.
13. 5% the total amount quoted for one year will have to be deposited with the Institute by the contractor as Performance Security within 7<sup>th</sup> day of the award of the work. This amount shall be refundable without any interest after six months from the date of completion.
14. The agency has to abide by all rules and regulations pertaining to labour act. The contractor has to take all necessary steps for the welfare measures of labour employed by him at the site.
15. The agency will be fully responsible for providing medical facilities to their labourers in case of any accident, etc. Matters related to labour welfare/problems should be dealt by the contractor only. CIFT, Cochin shall not be responsible in such matters.
16. The tenders/bidders in their own interest are instructed to visit the site for understanding the site conditions, nature of work involved, etc
17. Legal jurisdiction for all disputes shall be within the purview of the Ernakulum.
18. The payment shall be released only as per the actual measurement at the site and after satisfactory completion of work. No part payment/supplementary/enhanced/revised shall be considered in any circumstances.

19. Work is to be completed within 2 months from the 7<sup>th</sup> day of award of work. If it is not completed in the scheduled time a penalty @ 0.25% from the total cost of work shall be imposed at the first week. Further delay will attract increase in the penalty up to a maximum of 2% for every week.
20. The defect liability period is six months after completion of the work. Any defect arising in the defect liability period is to be rectified by the contractor without any extra cost
21. No labour of the contractor will be allowed to stay within the campus/site of the work.
22. The decision of the Competent Authority shall be the final to select the competent firms/contractors.
23. Please note in case of closing/opening day of the tender happen to be non-working day due to bandh/ strike/holiday etc., the tender will be opened on the following working day.
24. The work shall be executed as per the approved specifications and CPWD norms.
25. The contract can be terminated at any time without assigning any reason.
26. The Director, CIFT, Cochin reserves the right to accept or reject any tender / all tenders without specifying any reason whatsoever. No correspondence shall be entertained in this regard. The decision of the Director shall be final and binding on all concerned in such matters.

**Asst. Admn. Officer(Cdn.)**

## Online Bid Submission Details

### Online Bid Submission:

The Online bids (complete in all respect) must be uploaded online in single cover explained below:-

<b><u>COVER - I</u></b>			
(Following documents to be provided)			
S.No.	Types	Content	
1	Document	Copy of Registration certificate	.PDF
2	Document	Income Tax certificate	.PDF
3.	Document	Agencies terms & conditions	.PDF
4.	Document	GST/Service Tax Registration	.PDF
5.	Document	Copy of Earnest Money Deposit by way of Demand Draft	.PDF
6.	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.

(P. Krishnakumar )  
Asst. Admn. Officer (Cdn.)  
For Director