



क्रय अनुभाग
वन अनुसंधान संस्थान
देहरादून-२४८००६
GSTIN 05AAAAI1708G2Z6
PAN NO. AAAAI1708G

Purchase Section
Forest Research Institute,
DEHRADUN-248006
Phone: 0135-2224205
http://fri.icfre.gov.in/tender/
Email: po_fri@icfre.org



Notice Inviting Tender (E-Publishing mode)

निविदा दस्तावेज/ Tender Document

Ref. No X1-43/ECC/HS/2019-20

Date: 27/02/2020

Physical Bids under two bid systems (Technical and Commercial) are invited from the reputed manufacturer /Fabricator/Repair/Works/services /supplier/dealer for the following items. The bids complete in all respect must reach to the Purchase Officer, Purchase Section, Forest Research Institute, P.O. New Forest, DEHRADUN-248006 Uttarakhand, India on or before:

वस्तु की तकनीकी विशिष्टताये / Technical Specification of item:

Sr. No.	Name of item / Specifications/	Quantity	Job Warranty	EMD (Rs.)	Tender Fee (Rs.)
1.	Repair of Open Top Chamber Facility	01	01 Year	20,000/-	590/-
(For Detailed Technical Specification Plz refer Annexure-VI)					
नोट-1: कृपया वस्तु का मूल्य एवं कर अलग-अलग दर्शाए / Please quote the rate & Taxes of the item separately.					
Note-2: E-way bill is to be issued by the Venders/Transporter					
Note-3: The HSN / SAC Code of the item must be mentioned.					
For Reasonability of Rates, The firm must enclose the last three supply/work orders for the same item with Financial Bid (Annexure-IV) only.					
Technical Clarifications:	Dr. Hukum Singh	Forest Ecology & Climate Change Division , FRI Dehradun		Ph: 0135-222-4413 Email: hukum@icfre.org	
Critical Date Sheet					
1.	Published Date	27.02.2020 5.00 P.M		FRI website and CPP portal https://www.eprocure.gov.in/epublish/app	
2.	Bid Submission Start Date	28.02.2020 10.00 A.M		Central Public Procurement Portal as above	
3.	Seek Clarifications Start Date	28.02.2020 6.00 P.M		Through Ph/Email	
4.	Seek Clarification End Date	09.03.2020 5.00 P.M		Through Ph/Email	
5.	Bid Submission End Date	12.03.2020 3.00 P.M		Purchase Section Main Building, FRI	
6.	Bid Opening Date	12.03.2020 4.00 P.M		Purchase Section Main Building, FRI	

Chapter-1: Instruction to bidders

A. The Tender should be enclosed with proper certifications like Agency Certification, Authorization certificate and /or Proprietary Certificate, as the case may be, in support of your offer.

B. बोली का जमा किया जाना / Submission of Bids:

1) The bids should be submitted in **two parts**-

- The Technical Bid (Annexure-I, II, III, V and VI with Supporting/Required documents)
- The Financial Bid (Annexure-IV).

Both in **separate sealed covers** and then these two sealed packets (with the identification statement clearly written- Technical Bid or Financial Bid) should be put in one covering sealed envelope labeled on the left hand top corner of their envelope mentioning followings:

Name (in full) and complete address of the firm should be mentioned on left hand bottom corner of the covering envelop.

- 2) The bids should be printed on **official pad** preferably with GST Number of the firm.
- 3) Quotation received after the closing date and time shall not be considered.
- 4) The transportation cost, insurance charge etc., if any, Percentage/ rate of GST or all other taxes and duties should be clearly mentioned.
- 5) The bids / rates / tenders should remain valid for a minimum period of 60 days from the date of opening.
- 6) **Since this purchase being for research purpose, the Forest Research Institute, Dehradun is registered in DSIR, New Delhi; it is therefore exempted from the payment of custom duty / GST up to the limit of exemption as per the Govt. Rules. The bidder should quote accordingly.**
- 7) There should not be any over-writing or cutting on rates quoted. However, all cutting/corrections must be duly authenticated else the offer will be rejected.
- 8) The rates shall not be subject to escalation of any nature.
- 9) The rates quoted should be applicable to educational institutions and any cost advantage received in lieu thereof should be passed on the Institution.
- 10) While quoting/ sending rates, the firm shall give an undertaking as per Annexure-II.
- 11) The quotations should be given for the items in the same order as in the enquiry letter.

C. निविदा शुल्क/ Tender Fee एवं/and अग्रिम धन राशि / Earnest Money Deposit (EMD)

The Technical Bid should accompany **non-refundable Tender Fee in form of Demand Draft only** and an **EMD in the form of FDR only of the value mentioned at the first page of this tender document only for the equipment(s) bidding by the bidder**, issued from any of the Commercial Banks of India drawn in favour of "Director, Forest Research Institute, Dehradun" valid 90 days beyond the validity period of bid. The Bidder have to fill up Tender Fee and EMD details **online if (e-Procurement mode)** as per quoted item(s) and the hard copy of these payment(s) should be deposited in a separate sealed cover super-scribed as Tender Fee and EMD for Tender No. & Item Name, addressed to: Purchase Officer, Purchase Section Forest Research Institute, Dehradun-248006 on or before the Bid Opening date and time as mentioned in Critical date sheet. And if **offline tender (e-Publishing mode)** the tender fee and EMD should be submitted physically with tender document at above mentioned address.

Exemption on submission of Tender Fee/EMD will be given against valid MSME/NSIC certificate under valid category and within the validating period of the certificate.

The earnest money shall be refunded to all the unsuccessful firms, without any interest after finalization of the contract.

EMD shall be refunded to the successful firm on receipt of PBG/Security Deposit. No interest is payable on the EMD to either the successful firms or the unsuccessful firms.

D. निष्पादन बैंक प्रत्याभूति / Performance Bank Guarantee (PBG):

5% of the cost price in the form of Bank Guarantee or FDR pledged in favour of "Director, Forest Research Institute, Dehradun" is required to be submitted by successful bidder before the delivery / installation/repair /services works complete of the items(s) which should remain valid at least during the warranty period plus sixty days. No interest shall be claimed by the bidder on the PBG submitted. The Bank Guarantee may be forfeited in case of improper services provided by the bidder/firm and duly certified by the concerned Consignee/HOD.

E. बोलियों का खोला जाना/Opening of Bids:

- 1) The technical Bids will be opened as given below. Representatives of the firms (s) may be present at the time of opening the technical bid if they so desire at below schedule (No information shall be given to the late arrivals regarding the bids):

Bid Opening Date/Time:	12-03-2020	04:00 PM	Venue: Purchase Section, Main Building FRI Dehradun
-------------------------------	-------------------	-----------------	----------------------------------------------------------------

- 2) The Financial bids of only the Technically Qualified bidders will be opened. The date and time for opening the Financial Bid will be communicated to the respective firm later on by post/e-mail.
- 3) Representatives of the firms (S) may be present at the time of opening the financial bids if they so desire.

Chapter-2: Conditions of Contract

A. कार्य अनुबन्ध / Award of Contract:

The final selection of the bidder for the award of the contract will be made on the basis of the lowest commercial bid amongst the Technically Qualified Bidders.

B. पूर्व आपूर्ति निरीक्षण/ Pre-supply Inspection:

Authorized representative of the Institute shall make the final inspection before the repair /service work completed of the item at site of the firm, if required.

C. वस्तु की आपूर्ति / Supply of Item:

The whole repair/services /works as per order shall have to be completed within the time mentioned in the order failing which the FRI Dehradun shall have the right to accept or reject any quantity/part of items ordered. The firm will have to arrange for supply/completed the work/repair/services of the material/ equipment in good condition.

D. भुगतान की शर्त / Payment Terms:

- 1) **Payment in INR after SUPPLY/INSTALLATION/TESTING/COMMISSIONING/TRAINING of Item(s) as the case may be:**
Where installation is not required: 100% payment will be made after satisfactory delivery of material duly certified by the Consignee/HOD. **OR**
Where installation is required: 100% payment will be made after satisfactory delivery and installation / work /repair/services completed of the material duly certified by the Consignee/HOD. **OR**
100% Advance will be paid against submission of 110% Bank Guarantee of the Total Order value.

E. दंड/ Penalty:

A penalty of 0.5% of the total order value per week shall be levied for the delay subject to a maximum of 5% of the total order value. In case of the delay of work/repair/services after the acceptance of the work/supply order, EMD will be forfeited by the Institute.

F. अप्रत्याशित घटना/ Force Majeure:

For the purpose of and within the scope of contract by way of indication and not of limitation, the term "Force Mejeure" shall mean acts of nature, strikes, Lockouts, or other industrial disturbances, act of public/enemy, wars, blockades, insurrection, riots, epidemics, landslides, earthquakes, storms lightening, flood, washouts, civil disturbances, explosion and any other similar even not within the control of either party on which by exercise of due care and diligence neither party is able to prevent or overcome.

G. मध्यस्थता/Arbitration:

In the event of any difference or dispute arising out of this work, all effort shall be made by both the parties to settle the same amicably. Failing an amicable settlement, the dispute shall be finally settled through arbitration conducted under the Arbitration and Conciliation Act 1996, by arbitrators appointed in accordance with the said Act. The arbitration shall give reasoned and speaking award. All disputes are subject to Dehradun jurisdiction only.

H. बोली अस्वीकृती के लिए मानदंड/ Criteria for bid rejection:

- 1) If not received on or before due date and time.
- 2) If technical bid found without the required undertaking (Annexure-II).
- 3) If it found at a later date that any information given in the bids is incorrect/false then the bid is liable to be disqualified/rejected.
- 4) Canvassing in any form will result in disqualification.
- 5) If "extra, as actual" etc. are mentioned against any of the price components in the bid the bid will be rejected.
- 6) Technical bids should be sealed. More cover, Financial / Commercial bid should also be sealed separately. The sealed envelopes of technical and financial bids should be further put in the main envelop. Main envelop should be sealed. If the financial bid envelop is found opened/unsealed, then bid shall be rejected out rightly.
- 7) If any bidder submitting two/multiple bids for the same of a tender, both/all the bids if that bidder will be out rightly rejected.
- 8) If the firm quotes 'NIL' charges/ consideration, the bid shall be treated as unresponsive and will not be considered.

I. सत्यनिष्ठा संहिता /Code of Integrity


False declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up-to 2 years as per rule 151 (iii) of the General Financial Rules along-with such other actions as may be permissible under law.

Chapter-3: Schedules of requirements

A. टिप्पणी/Note:

- 1) If the Supplier/firm is manufacturer/dealer/Fabricator/Repair/Works/services of the item, the certificate to this effect should be attached.
- 2) Please note that the firms must submit the compliance Statement in an organized and structured manner in respect of all the specifications as per Annexure-V. Annexure-I, II, III, V & VI have to be submitted with Technical Bid and Annexure-IV with Financial Bid.
- 3) It may also be noted that the tender bids received after the stipulated date & time or found incomplete and tender bids containing false/incorrect information shall be summarily rejected. The Institute shall not entertain any communication in this regard, whatsoever.
- 4) The firm is required to give its Bank Account details with IFSC for the purpose of making e-payment.
- 5) The Forest Research Institute (FRI) Dehradun reserves the right to reject any quotation wholly or partly without assigning any reason.
- 6) The quantity shown against the item is approximate and may vary as per demand of the Institute at the time placing order.
- 7) The decision of the Institute in all matters relating to eligibility, acceptance, rejection of the bid will be final and binding on the applicants.
- 8) Forest Research Institute (FRI) Dehradun discourages High Sea Sale Purchase. All tenders with High Sea Sale will be rejected.
- 9) The firms should clearly mention (in the financial bid) the Harmonized System of Classification (HS code) defined by the Central Custom and Excise Board (Govt. of India) for the item (s) involving import.
- 10) If the due date happens to be a holiday, then the bid will be accepted till 03.00 PM and opened at 04.00 PM of the next working day followed by the holiday.
- 11) If an agent submits bid on behalf of the Principal/OEM, the same agent can not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.
- 12) The quantity shown in the tender can be increased or decreased to any extent depending upon the actual requirement. Any corrigendum/addendum/errata in respect of the Tender Notice/ Enquiry letter shall be made available only at our Institute website <http://fri.icfre.gov.in/tender/>. Hence prospective bidders are advised to visit the Institute website regularly.
- 13) Bidders shall be responsible for the correctness of the information provided in the enquiry letter/tender document. If it is found at later date that any information given in the bid is incorrect/false then the bid is liable to be disqualified/rejected.
- 14) Institute will not be responsible for non-receipt of bid(s) within the stipulated date due to any postal delay or delay for any other reason in transit.
- 15) Before submission of bids, bidders should read the complete enquiry letter/tender document carefully and ensure that the bidders fulfill the eligibility criteria.
- 16) In case calculation mistakes are found in the financial bid, then calculation shall be made by the Institute on the basis of rate per unit quoted by the bidders will be processed further.
- 17) **The all spare parts should be compatible with existing Open Top Chamber facility.**
- 18) The Institute reserves the right to rectify any discrepancy of this advertisement, if found later on. In case of any inadvertent mistake in the process which may be detected at any stage even after the issue of purchase order, the Institute reserves the right to modify/withdraw/cancel any communication made to the bidder without any reason.

Chapter-4:	Specification and allied Technical details	Plz. See Annexure-I, II, III, V & VI
Chapter-5:	Price Schedule (to be utilized by the bidders for quoting their prices)	Plz. See Annexure-IV
Chapter 6:	Contract Form	Purchase Order is used as Contract Form
Chapter-7:	Other Standard Forms, if any to be utilized by the purchaser and bidders	Plz. See Annexure - V


Page 3 of 11

[PURCHASE OFFICER, FRI]

तकनीकी बोली

(To be given on Company Letter Head)

विस्तृत विवरण अनुपालन रिपोर्ट के साथ प्रस्तुत किया जाना है (अपने आधिकारिक लेटरहेड पर विक्रेता/ फर्म द्वारा प्रस्तुत करने के लिए)
Detailed specification cum compliance report to be submitted with the Technical Bid
(to be submitted by the vender/firm on its official letter head)

(For Detailed Technical Specification Plz refer Annexure-VI)

Sr. No.	Name & Required Specifications of item (s)	Qty.	EMD	Offered specification of item (s) by the firm
1.				

Firm's Profile	
1)	Manufacturer/Authorized Agent/Distributor/Dealer/Supplier/fabricator/repair works (Valid certificate must be attached)
2)	E-mail ID & Telephone/Mobile No. Detail of Bank A/C
Note:	(i) "Offered specification" should be filled up properly in the format provided as per Annexure-I
	(ii) Volume & Weight of the item should also be mentioned.
	(iii) The HSN / SAC Code of the item must be mentioned.

Signature:

Name:

Designation:

Seal of the Organisation

उपक्रम/UNDERTAKING
TENDER ACCEPTANCE LETTER
(To be given on Company Letter Head)

Date:

To,
Director
Forest Research Institute
Dehradun-248006

Sub: Acceptance of Terms & Conditions of Tender.

Ref. No X1-43/ECC/HS/2019-20

Date: 27/02/2020

Agreement/Contract Form

Dear Sir,

- (i) I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from (including all documents like annexure(s), schedule(s), etc.), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.
- (ii) The corrigendum(s) issued from time to time by your department/organization too have also been taken into consideration, while submitting this acceptance letter
- (iii) I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.
- (iv) **I / We do hereby declare that our Firm has not been blacklisted/ debarred / banned by any Govt. Department/Public sector undertaking.**
- (v) I / We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.
- (vi) It is certified that the rate quoted is not over and above (higher side) the rates under RC with the DGS&D or GeM.

Signature:
Name:
Designation:
Seal of the Firm/Agency

CHECK LIST

Sl No	(A) Qualifying documents	Yes/No	Page No.
1.	Whether TENDER FEE in shape of Demand Draft in favour of Director, Forest Research Institute, Dehradun OR Signed copy of Exemption certificate like MSME, KVIC, NSIC etc with mentioning the validity date, is Attached?		
2.	Whether EMD for applicable item No. (s) of Amount(s) in shape of FDR in favour of Director, Forest Research Institute, Dehradun attached OR Signed copy of Exemption certificate like MSME/ NSIC/KVIC etc with mentioning the validity date, is Attached?		
3.	Whether Signed copy of AUTHORIZATION certificate issued by the manufacturer, if applicable, Attached?		
4.	Whether Signed copy of PAN card Attached?		
5.	Whether Signed copy of GST certificate , if applicable, Attached?		
6.	Whether Signed copy of Affidavit of PARTNERSHIP DEED , if applicable, Attached?		
7.	Whether Signed and Scanned copy of AUDITED BALANCE SHEET of last three years, Attached?		

Sl No	(B) Technical Documents	Yes/No	Page No.
1.	Whether duly Signed/ Stamped of tender document along with all Annexure (I, II, III, V and VI) by the authorized signatory Attached?		
2.	Whether signed copy of supportive documents from the Principal regarding all specifications certified and guaranteed for GENUINENESS is Attached? if applicable.		

Note:

1. It is compulsory to fill the above check list with pagination.
2. The document should be submitted/uploaded **online** in CPP portal in the above order of the check list and place the check list as cover page with pagination of documents. If **offline** tender (**e-Publishing mode**) the tender fee and EMD should be submitted physically with tender document in a separate sealed cover super-scribed as Tender Fee and EMD for Tender No. & Item Name, addressed to: Purchase Officer, Purchase Section Forest Research Institute, Dehradun-248006
3. In the absence of any of the qualifying documents, the bid shall be rejected.

Signature:

Name:

Designation:

Seal of the Firm/Agency

Financial Bid
(To be submitted by the vendor/firm on its official letter head)

Ref. No X1-43/ECC/HS/2019-20

Dated: 27/02/2020

Rates:						
Sr. No.	Name of item / Specifications/	Qty.	Unit Rate (Rs.)	Amount (Rs.)	GST etc. @.....%	TOTAL (Rs.)
1.						
Total						
Grand Total Rs.						

- 1) Price of the items should be clearly mentioned if supplied Free of Cost.

Term & Conditions:

Prices (if quoted in Rs.):

FOR FRI, DEHRADUN

1. Payment:
2. Validity:
3. Delivery period:
4. Other Charges:
5. **Job Warranty:**
6. Rejection:
7. Penalty Clause:

Onsite 01 Year

Equipment if found not as per the required specification would be rejected.

As per clause-E of enquiry letter.

In case of the non-supply of the item after the acceptance of the work/supply order, EMD will be forfeited by the Institute.

8. PBG:

5% of the cost price in the form of Bank Guarantee or FDR pledged in favour of "Director, Forest Research Institute, Dehradun" is required at the time of installation of the equipment which should remain valid at least during the warranty period plus sixty days.

It is certified that the rate quoted is not over and above (higher side) the rates under RC with DGS&D or GeM.

Signature:

Name:

Designation:

Seal of the firm/Organisation

Item No. 1 Repair of Open Top Chamber Facility Specification
Specification

S.N.	Work to be done
1	Repairing of six chambers constructed with the polycarbonate sheet. <ul style="list-style-type: none"> ➤ Repairing and replacement of curved shaped top roof covering an area of six chambers constructed with polycarbonate sheet. ➤ Polycarbonate sheet with a multilayered UV protected (4-6 mm) of more than 85% transparency level to be used. ➤ Repairing of aluminum angle. Patti, MS/GI pipe, painting, gasket, self screw, silicon tube, etc. as to be done.
2	➤ Repairing of six number of existing doors
3	➤ Repairing of controller software and accessory to accommodate analyzer and storing and visualization of data
4	➤ Replacement of temperature sensors (7 nos) with weatherproof head and installation shield temperature range from 0 to 100°C
5	➤ Replacement of humidity sensor with the transmitter with the power supply of 12~36V DC. Humidity working range: 0 to 100%RH and Humidity sensing element: Polymer humidity capacitor; the accuracy of humidity to be: ± 2%RH or more Repeatability: +/-0.3%RH or less
6	➤ Replacement and repair of CO ₂ Monitor/sensors (7 nos) (Non-dispersive infrared absorption-NDIR principle-based) with outputs: analog 4 to 20mA and 0-10 DC. CO ₂ measurement range: - 0-3,000 ppm display. Accuracy:- ±75ppm or ±5% of reading whichever is greater and SACADA repair
7	➤ Replacement of PU tubing in all OTCs ➤ PU tubing with non-corrosive and inert nature
8	➤ Replacement and repair of heater wiring and sensors wiring
9	➤ Replacement of solenoid valve with 230 V or 24 DC power supply OD ½ inch, normally open or normally closed
10	Replacement of Ceramic Infrared Heater with the controller. <ul style="list-style-type: none"> ➤ Total load 1000watt/230VAC with the provision of height adjustment of IR heater using pulley and rope system
11	➤ 1 KVA UPS for running control unit and SACADA
12	➤ Contactor and MCCB
13	➤ Other remaining work, if any required for proper functioning.

“Open Top Chamber Facility” repair additional terms and conditions

1. The make/model of all the components quoted like sensors etc should be clearly quoted.
2. The make/model/specifications of the parts/spare/components should have complete compatibility to the existing OTC facility.
3. The rate quoted in the tender shall remain for a period of the 60 days from the date of the opening of the tender.
4. The successful firm shall have to complete repair of the OTC facility or components of the facility within 30 days from the acceptance.
5. Only bids from the firms that have a minimum of three years experience in the repairs or establishment of OTC facilities/FACE facilities or any other such advanced SACADA based agriculture/forestry research facilities will be considered.
6. Rates once finalized will not be enhanced/ reduced during the execution of the repairing work.
7. In case the successful bidder shows inability during at any stage of repairing, or acceptance of the award, for whatsoever reasons, the EMD/Performance security deposited would be forfeited as applicable.
8. Tenders received from the firms that have defaulted in providing the services at FRI or any other institutes of ICFRE and outside the ICFRE in the past would not be considered. For this they have to produce a self stated certificate on firm letterhead signed by authorized signatory with seal along with the tender documents while submitting to the FRI.
9. Blacklisted or company having services issues after installation of such similar project across India will not be considered.
10. The lowest tender may be considered for acceptance keeping in the view of the overall reasonability of the quoted rates.
11. The tender document should invariably be filled in and duly signed by the authorized signatory by affixing the company/firm seal on every page of the tender and the terms and conditions should strictly be followed before submitting the tender.
12. All repairs/supplies are subjected to the inspection and approval of the consignee before acceptance.
13. Participating firms are required to be clearly understood the scope of work, location, extent of work, and detail of the repairing work to be executed before participating in the tender.
14. The firm executing the tendered work shall be responsible for the adhering to all the required safety norms including mandatory requirements for such work.
15. All tools and tackles as required for executing the work will be the responsibility of the firms.
16. In case any incident occurs with the deployed labour of the contractor/agency while repairing of the work, it shall be the responsibility of the contractor/agency. FRI shall not be liable for any claim.

17. Tenders are advised to submit the tender strictly based on the terms and conditions and specifications contained in the tender document and not to stipulate any deviations. Conditions tenders are liable to be rejected.
18. The contract will be non transferable and hence the firm shall not be entitled to assign or sub-contract the repairing work of the OTC facility or any part of it to any other person or party failing which the contract will be cancelled immediately.
19. The awarded firm is bound to accept the tender and execute/perform the work as envisage in the tender documents. In any case of unwillingness to perform/execute the work or withdrawal of the quote offer due to any reason including incorrect/wrong quoting/information on prior blacklist, the firm will be debarred from participating in future tender or period as decided by accepting authority in addition to forfeiting the performance security.
20. The payment will be made as per the actual repair work. The price escalation more than the quoted amount will not be allowed by the office.
21. The transportation of the materials required for repair of the OTC facility will be responsibility of the firm.
22. Detailed Technical Specifications of the repairing work of the OTC facility are attached at Annexure-VI.
23. The firm is required to do full calibration of all data scanner and the system in addition to the work mentioned in the specification.
24. The firm ensures to make periodic visit of engineer for smooth functioning of OTC facility every month for a year.
25. Any dispute related to the enquiry shall be subjected to the jurisdiction of the court at the Dehradun only.

