



क्रय अनुभाग  
वन अनुसंधान संस्थान  
(भारतीय वानिकी अनुसंधान एवं शिक्षा परिषद)  
देहरादून-२४८००६, उत्तराखण्ड  
GSTIN 05AAAAI1708G2Z6  
PAN NO. AAAAI1708G

Purchase Section  
Forest Research Institute,  
(Indian Council of Forestry Research and Education)  
Dehradun-248006, UTTARAKHAND  
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 X-132/POFRI/GTI/SY/AICRP-11/2020-21

Date: 26/02/2021

Tender ID: 2021\_ICFRE\_592733\_1

Physical Bids (Offline mode) under two bid system (Technical and Commercial) are invited from the reputed manufacturer /authorized supplier/dealer for the following items. The bids complete in all respect must reach by By-post/By-hand/By-Courier etc., to the Purchase Officer, Purchase Section, Forest Research Institute, P.O. New Forest, Dehradun-248006, Uttarakhand, India on or before:

<b>Bid Submission End Date</b>	<b>12-03-2021</b>	<b>Time</b>	<b>03:00 PM</b>
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**वस्तु की तकनीकी विशिष्टताये / Technical Specification of item:**

S. No.	Name of item	Quantity	Warranty	EMD (Rs.)	Tender Fee (Rs.)
1.	2 D Gel Electrophoresis with Compatible gel doc system	01 No.	As Per Specification Annexure-VI	36,000/-	NIL

(For Detailed Technical Specification Please refer Annexure-VII)

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.

<b>Technical Clarifications</b>	<b>Dr. Shambhavi Yadav, Scientist-B</b>	<b>Genetics &amp; Tree Improvement Division, FRI Dehradun</b>	<b>Ph: 0135-222-4402, Mobile- 9532494919 E-mail: shambhaviy@icfre.org</b>
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**Critical Date Sheet**

S.No.	Particulars	Date	Time	Location
1.	Published Date	26.02.2021	04:00 PM	FRI website and CPP portal: <a href="https://www.eprocure.gov.in/epublish/app">https://www.eprocure.gov.in/epublish/app</a>
2.	Bid Document Download Start Date	26.02.2021	04.30 PM	At CPP Portal as above
3.	Seek Clarifications Start Date	26.02.2021	05:00 PM	Through Phone/Email
4.	Bid Submission Start Date	26.02.2021	05:00 PM	At Purchase Section, FRI Dehradun
5.	Seek Clarification End Date	10.03.2021	05:00 PM	Through Phone/Email
6.	Bid Submission End Date	12.03.2021	03:00 PM	At Purchase Section, FRI Main Building
7.	Bid Opening Date	12.03.2021	04:00 PM	At Purchase Section, FRI Main Building

Sd/-  
[PURSHCASE OFFICER]

## CHAPTER-1: INSTRUCTION TO BIDDERS

**1.1 All the pages of bid being submitted must be signed and sequentially numbered by the bidder irrespective of nature of content of the documents.**

**1.2 Checklist as per Annexure-I, must be filled along with page numbers of tender document failing which bid is liable to be rejected and no further correspondence in this regard will be entertained.**

**1.3 Duly filled Annexure-1 must be placed in the front part of tender document.**

1.4 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.

**1.5 Supply means: "Supply, Installation & Commissioning".**

**1.6 बोली का जमा किया जाना / Submission of Bids:**

(i) The bids should be submitted with Supporting / Required documents in two parts:

**(a) The Technical Bid (Annexure – I, II, III, IV and V.**

**(b) The Financial Bid (Annexure – VI)**

Both the above bids should be 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:

**Ref. No X-132/POFRI/GTI/SY/AICRP-11/2020-21, Tender ID: 2021\_ICFRE\_592733\_1**

<b>Bid Submission End Date/Time:</b>	<b>12-03-2021</b>	<b>by</b>	<b>03:00 PM</b>
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Name (in full) and complete address of the firm should be mentioned on left hand bottom corner of the covering envelop.

(ii) The bids should be printed on official pad preferably with GST Number of the firm.

(iii) The quotations should bear full details and where possible may be duly supported with catalogues, pamphlets, literature, samples of the item/items as the case may be for comparing the quality and rates of the item(s).

(iv) Quotation/Bids received after the closing date and time shall not be considered.

(v) The transportation cost, insurance charge etc., if any, Percentage/ rate of GST or all other taxes and duties should be clearly mentioned.

(vi) **The bids / rates / tenders should remain valid for a minimum period of 90 days from the date of opening.**

(vii) **Since this purchase being for research purpose and ICFRE/FRI, Dehradun is registered in DSIR, New Delhi. It is therefore exempted from the payment of custom duty and GST @ 5% as per the Govt. Rules. The bidder should quote accordingly.**

(viii) 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.

(ix) The rates shall not be subject to escalation of any nature.

(x) The rates quoted should be applicable to educational institutions and any cost advantage received in lieu thereof should be passed on the Institution.

(xi) While quoting/ sending rates, the firm shall give an undertaking as per Annexure-IV.

(xii) The quotations should be given for the items in the same order & specification as in the enquiry letter/tender document.

(xiii) Agreements/Purchase order/Completion certificates if any for similar works in other institutes, the details of such supplies for the preceding three years should be given together with the prices eventually or finally paid.

(xiv) **Duly filled checklist as per Annexure-I should be submitted along with tender.**

(xv) **Firm from India quoting on behalf of their foreign principal**

**(a)** Copy of agreement, with their foreign principal with the precise relationship between them, their mutual interest and nature of services which would be available from bidding firm from India, shall be submitted along with their tender.

**(b)** Price to be quoted in Indian Currency only.

**1.7 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 / Bank Guarantee / Demand Draft only of the value mentioned at the first page of this tender document only for the equipment(s) bidding by the bidder as the case may be**, 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 mentioned the Tender Fee and EMD details as per quote item (s) and the hard copy of these payment (s) along with the

bid proposal should be deposited to the Purchase Officer, Purchase Section Forest Research Institute, Dehradun-248006 on or before the Bid Submission end date. Time as mentioned in Critical date sheet.

**Exemption on submission of Tender Fee/EMD will be given against valid MSME/NSIC/KVIC 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.

### 1.8 अग्रिम धन राशि प्रत्याभूति/Earnest Money Deposit (EMD) & निष्पादन बैंक प्रत्याभूति/Performance Bank Guarantee (PBG)

1. The Earnest Money Deposit (EMD) in the form of Bank Guarantee or FDR pledged in favour of “Director, Forest Research Institute, Dehradun” is required to be submitted by the bidder with tender Notice. This should remain valid for Ninety days. The format of the EMD is available at the institute’s website. No interest shall be claimed by the bidder on the EMD. The Earnest Money to be forfeited, if wrong information is given in the tender to influence the tender cost. The Earnest Money will also be forfeited if bidder wants to withdraw his bid without any reliable reason.
2. 3% 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 the successful bidder before the delivery / installation works complete of the items(s) which should remain valid at least during the warranty period plus sixty days. The format of the PBG is available at the institute’s website ([fri.icfre.gov.in/downloads](http://fri.icfre.gov.in/downloads)) 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 after verification from the concerned Consignee/HOD. Bank Guarantee will only be accepted in the form of FDR/Bank Guarantee. **Bank Guarantee in the form of demand draft will not be accepted.**

### 1.9 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):

<b>Bid Submission Opening Date/Time:</b>	<b>12-03-2021</b>	<b>04:00 PM</b>	<b>Venue: Purchase Section, Main Building, FRI Dehradun</b>
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- 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 firm(s) may be present at the time of opening the financial bids if they so desire.

## CHAPTER-2: CONDITIONS OF CONTRACT

### 2.1 कीमत / Price

- (i) The price quoted shall be considered firm and no price escalation will be permitted. The price criteria should be on F.O.R., FRI Dehradun. Govt. levies like GST, if any, shall be paid at actual rates applicable on the date of delivery. The rates should be quoted accordingly giving the basic price, GST, if any.
- (ii) The rate of **GST applicable to FRI Dehradun is 5% and also exempted from the payment of custom duty** for the items procured for Research Purpose as per Notification No. 45/2017-Central Tax (Rates) New Delhi, 14<sup>th</sup> November, 2017 and Notification No.47/2017-Integrated Tax (Rate) New Delhi 14 November 2017. The bidder should quote accordingly
- (iii) The price mentioned in Financial Bid must be inclusive of transportation, insurance, Custom Clearance Charges (if any) loading/unloading, installation, commissioning, training, warranty, AMC(if any) and any other incidental/local service required for delivering the goods for desired destination as decided by FRI Dehradun.
- (iv) The institute will not be responsible in case of the bidders failing to include charges towards insurance & transportation, installation, commissioning and training, warranty, AMC (if any). **The price mentioned in the financial bid will be final and the bidder has to comply with that, if awarded the tender.**

### 2.2 वारंटी सपोर्ट / Warranty Support

- (i) The items covered by the schedule of requirement shall carry the warranty for the period mentioned in this tender document/specification of **COMPREHENSIVE WARRANTY** from the date of acceptance of the equipment by FRI Dehradun. Warranty shall include free maintenance of the whole equipment supplied including free replacement of

- parts. The defects, if any, shall be attended to on immediate basis but in no case any defect should prolog for more than 48 hours. The comprehensive warranty includes onsite warranty with parts.
- (ii) The defects, if any, during the guarantee/warranty period are to be rectified free of charge be arranging free replacement wherever necessary. This includes cost, insurance, freight, custom duty, octroi, local taxes, if any, should be borne by the beneficiary or his agent.
  - (iii) The warranty on the associated software should cover providing of upgraded version/s, if any, released during the warranty period free of cost.
  - (iv) The bidder shall ensure the supply of spare parts after warranty is over for maintenance of the equipment supplied if and when required for a period of 5 years from the date of supply of equipment on payment on approved price list basis.
  - (v) The equipment must be supported by a Service Centre in India manned by the principal vendor's technical support engineers. The support through this Centre must be available 24 hours in a day, seven days a week and 365 days a year. Also it should be possible to contact the Principal's vendor support Centre on a toll free number/web/mail
  - (vi) The vendor will have to arrange for all the testing equipment & tools required for installation, testing & maintenance etc.
  - (vii) Details of onsite warranty, agency who shall maintain during warranty and undertake Annual Maintenance Contract/Comprehensive Service Maintenance Contract beyond warranty shall be given in the offer. In case of foreign quote, the Indian Agent who shall maintain during warranty and AMC beyond warranty shall be given in the Technical Offer.
  - (viii) The warranty period and validity of Performance Guarantee shall be extended for the period of delay in satisfactory installation and delay in warranty services.

### 2.3 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 evaluation of techno-commercial proposal submitted by the prospective qualified bidders.

### 2.4 पूर्व आपूर्ति निरीक्षण/ Pre-supply Inspection:

Authorized representative of the Institute shall make the final inspection before supply of the item at site of the firm, if required.

### 2.5 वस्तु की आपूर्ति / Supply of Item:

The whole supply 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 of items ordered. The firm will have to arrange for supply of the material/ equipment in good condition.

### 2.6 छतिपूर्ति / Indemnity

The vendor shall indemnify, protect and save FRI Dehradun against all claims, losses, costs, damages, expenses, action suits and other proceeding, resulting from infringement of any law pertaining to patent, trademarks, copyrights etc. or such other statutory infringements in respect of all the equipments supplied by them.

### 2.7 भाड़ा व इन्श्योरेन्स / Freight & Insurance

The equipment's to be supplied will be insured by the vendor against all risks of Loss or damage from the date of shipment till such time it is delivered at FRI, Dehradun, Uttarakhand site.

### 2.8 भुगतान की शर्तें / Payment Terms:

- (i) **No advance payments are allowed under any circumstances.**
- (ii) **Payment in INR for supply of goods:**
  - a) Where installation is not required: 100% payment will be made after satisfactory delivery of material duly certified by the HOD. **OR**
  - b) Where installation is required: 100% payment will be made after satisfactory delivery and installation of the material duly certified by the HOD. **OR**
  - c) 100% Advance will be paid against submission of 110% Bank Guarantee of the Total Order value subjected to the approval of competent authority.
- (iii) **Payment in INR for AMC/CMC/Service:**
  - a) Quarterly/Half yearly after satisfactory completion of work/service duly certified by the H.O.D./P.I.

### 2.9 दंड/ Penalty for delayed Services/LD:

A penalty of 0.5% of the total order value per week shall be levied for the delay subject to a maximum of 10% of the total order value.

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

## 2.10 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.

## 2.11 मध्यस्थता/Arbitration:

In the event of any difference or dispute arising out 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.

## 2.12 बोली अस्वीकृती के लिए मानदंड/ Criteria for bid rejection:

- (i) If not received on or before due date and time.
- (ii) If the pages of Tender Document are not sequentially numbered and signed.
- (iii) If documents as per Annexure-I are not attached.
- (iv) If technical bid found without the required undertaking (Annexure-IV).
- (v) 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.
- (vi) Canvassing in any form will result in disqualification.
- (vii) If "extra, as actual" etc. are mentioned against any of the price components in the bid, then the bid will be rejected.
- (viii) If it is found that a bidder has submitted two/multiple bids for the same item/equipment, both/all the bids will be outrightly rejected.
- (ix) If the firm quotes 'NIL' charges/ consideration, the bid shall be treated as unresponsive and will not be considered.

## 2.13 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 upto 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

### 3.1 टिप्पणी/Note:

- (i) **Technical Bid in form of Annexure-I, II, III, IV & V and Financial Bid in form of Annexure-VI have to be sealed in two separate packets and then submitted in one single large sealed envelope.**
- (ii) If the Supplier/firm is manufacturer/authorized dealer/sole distributor/of the item, the certificate to this effect should be attached.
- (iii) Please note that the firm must submit the **separate compliance Statement** for each item quoting in Annexure-III in respect of all the specifications with the supporting printed catalogue/leaflet/Brochure of the quoted items with **highlighting their offered specifications.**
- (iv) 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.
- (v) The firm is required to give its Bank Account details with IFSC for the purpose of making e-payment.
- (vi) The Forest Research Institute (FRI) Dehradun reserves the right to reject any quotation/bid wholly or partly without assigning any reason.
- (vii) The Forest Research Institute (FRI) Dehradun reserves the right to cancel the tender at any stage without assigning any reason
- (viii) The quantity shown against the item is approximate and may vary as per demand of the Institute at the time placing order.
- (ix) The decision of the Institute in all matters relating to eligibility, acceptance, rejection of the bid will be final and binding on the applicants.
- (x) Forest Research Institute (FRI) Dehradun discourages High Sea Sale Purchase. All tenders with High Sea Sale will be rejected.
- (xi) 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.

- (xii) **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.**
- (xiii) 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.
- (xiv) **Indian Agent should submit the certificate from the Foreign Principal that they are the Authorized & Registered Indian Agent.**
- (xv) 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.
- (xvi) Any corrigendum/addendum/errata in respect of the Tender Notice/ Enquiry letter shall be made available CPP Portal (<https://www.eprocure.gov.in/epublish/app>) and <http://fri.icfre.gov.in/tender/>. Hence prospective bidders are advised to visit the CPP Portal (<https://www.eprocure.gov.in/epublish/app>) and <http://fri.icfre.gov.in/tender/> regularly.
- (xvii) **Bidders shall be responsible for the correctness of the information provided in the enquiry letter/tender document. If it is found at a later date that any information given in the bid is incorrect/false then the bid is liable to be disqualified/rejected.**
- (xviii) 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.
- (xix) Before submission of bids, bidders should read the complete enquiry letter/tender document carefully and ensure that the bidders fulfill the eligibility criteria.
- (xx) In case the item /product is under rate contract with DGS&D or GeM, than bidder should certify that the rate quoted is not over and above (higher side) the rates under RC with the DGS&D or GeM.
- (xxi) 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.
- (xxii) 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.
- (xxiii) Indian Council of Forestry Research & Education, Dehradun is registered with the Department of Scientific and Industrial Research (DSIR) for purposes of availing customs duty exemption in terms of Government Notification No. 51/96-Customs dated 23 July, 1996 and Central Excise duty exemption in terms of Government Notification No. 10/97-Central Excise dated 1 March, 1997.

<b>Chapter-4:</b>	<b>Specification and allied Technical details</b>	<b>Please See Annexure-I, II, III, IV, V &amp; VII</b>
<b>Chapter-5:</b>	<b>Financial/Price Schedule (to be utilized by the bidders for quoting their prices)</b>	<b>Please See Annexure- VI</b>
<b>Chapter 6:</b>	<b>Contract Form</b>	<b>Purchase Order is used as Contract Form</b>

Sd/-  
[PURCHASE OFFICER, FRI]

**CHECK LIST**  
(Eligibility Criteria for Bidders)

Bidders to indicate whether the following documents are enclosed by striking out the non-relevant option.

<b>Envelope – 1 (Technical Bid)</b> (Following documents to be provided with BID)			
S. No.	Content	Attached (Yes/No)/N.A.	Page No.
1.	<b>TENDER FEE</b> OR Self attested copy of Exemption certificate		
2.	<b>EMD</b> OR Self attested copy of Exemption certificate		
3.	<b>AUTHORIZATION</b> certificate issued by the OEM, if applicable.		
4.	Self attested copy of <b>GST certificate</b> as applicable		
5.	Self attested copy of affidavit of <b>PARTNERSHIP DEED</b> as applicable.		
6.	<b>BIDDER'S PROFILE/INFORMATION FORM:</b> Annexure -II		
7.	<b>*COMPLIANCE SHEET</b> with any deviation: Annexure- III		
8.	<b>Tender Acceptance Letter</b> : Annexure- IV		
9.	<b>A copy of Un-priced Commercial/Financial Bid:</b> Annexure- VI		
10.	<b>*Printed CATALOGUE/BROUCHER/LEAFLET</b> of the quoted item(s) enclosed.		
11.	<b>Copy of the previous two supply orders</b> of the similar equipment/ item of last 3 years from the Central Govt./State/Govt./PSU/ CSIR/ICAR/ ICMR/AICTE colleges etc. attached for reasonability of rates: Annexure-V		

<b>Envelope – 2 (Financial Bid)</b> (Following documents to be provided with BID)		
S. No.	Price Bid – Annexure VI	Attached (Yes/No)

**\*Note:** Separate sheets need to be attached in case of quoting for more than one equipment as applicable.

- 1. Checklist as per above Annexure-I, must be filled along with page numbers of tender document.**
- 2. Above checklist (annexure-1) must be kept in the front part (first page) of tender document.**
3. The firms who have already submitted EMD in the Tender Ref. No X-112/POFRI/GTI/SY/AICRP-11/2020-21, Tender ID: 2021\_ICFRE\_584108\_1, dated 19.01.2021, for a particular item need not to submit again for the same. But the firms have to submit the bid again with all other codal formalities.

**Note :- In Failing of above, bid shall be summarily rejected & no further correspondence in this regard will be entertained.**

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

**BIDDER PROFILE/INFORMATION FORM**

(To be given on Company Letter Head)

**Company Name** :  
**Registration Number** :  
**Registered Address** :  
**Name of Partners /Directors** :  
 :  
**City** :  
**Postal Code** :  
**Company's Establishment Year** :  
**Company's Nature of Business** :  
**Company's Legal Status** 1) Limited Company  
**(tick on appropriate option)** 2) Undertaking  
 3) Joint Venture  
 4) Partnership  
 5) Others

**Company Category** 1) Micro Unit as per MSME  
**(tick on appropriate option)** 2) Small Unit as per MSME  
 3) Medium Unit as per MSME  
 4) Ancillary Unit  
 5) SSI  
 6) Others

**CONTACT DETAILS**

Contact Name :  
 Designation :  
 Email Id :  
 Phone No :  
 Mobile No :

**BANK DETAILS**

Name of Beneficiary :  
 A/c. No. CC/CD/SB/OD:  
 Name of Bank :  
 IFSC NO. (Bank) :  
 Branch Address:  
 Branch Code:  
 Other Details

**Vendor's PAN No.**  
**Vendor's CST No/LST No/WCT**  
**No/TIN No:**

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



**COMPLIANCE STATEMENT OF SPECIFICATIONS**

(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)

Name of the Item(s).....Make:.....Model:.....

Manufacturer/Authorized Distributer /Dealer/Supplier.....

**TECHNICAL SPECIFICATIONS:**

(For Detailed Technical Specification Please refer Annexure-VII)

S. No.	Required Items Specifications/ Part/ Accessories as per Tender	Offered specification of item by the bidder	Compliance (Yes/No)	Deviation, If any, in unambiguous terms	Whether highlighted in technical leaflet/literature
1.					
2.					
.					
.					

I have also enclosed all relevant documents in support of my claims (as above) in the following pages.

Signature:

Name:

Designation:

Seal of the Organisation

- Note:
- (i) Manufacturer/Authorized Distributer/Dealer/Supplier valid certificate must be enclosed.
  - (ii) It is compulsory to enclose the printed Catalogue/Leaflet/Brochure etc. of the quoted items.
  - (iii) "Offered specification" should be filled up properly in the format provided above and should be **HIGHLIGHTED** in the enclosed printed Catalogue/Leaflet/Brochure etc.
  - (iv) Volume & Weight of the item should also be mentioned.
  - (v) Separate Compliance Sheets (Annexure-III) must be attached for different quoted Item(s)/Make/Model.

**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 X-132/POFRI/GTI/SY/AICRP-11/2020-21****Date: 26/02/2021****Tender ID: 2021\_ICFRE\_592733\_1****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**

## PREVIOUS SUPPLY ORDERS FORMAT

## Name of the Firm:

Order placed by (Full address of Purchaser)	Order No., Date and Amount (Rs.)	Name of the ordered equipment and quantity	Date of completion of delivery as per contract	Has the equipment been installed satisfactorily?	Contact Person along with Telephone no., Fax no. and e-mail address

Signature and Seal of the Manufacturer/ bidder .....

Place:

Date:

**Note :** Please attach self attested copy of the previous two supply orders during last three years period and/or performance certificate of successful installation/commissioning of the similar equipment/item from the Central Govt./State Govt./PSU/CSIR/ICAR/ ICMR etc. attached/uploaded.

**COMMERCIAL/FINANCIAL BID**  
(To be given on Company Letter Head)

Ref. No X-132/POFRI/GTI/SY/AICRP-11/2020-21

Dated: 26/02/2021

Tender ID: 2021\_ICFRE\_592733\_1

Rates:						
S.No.	Name of item / Specifications/ Make/Model....	Qty.	Unit Rate (Rs.)	Amount (Rs.)	*GST etc. @5%	TOTAL (Rs.)
1.	2 D Gel Electrophoresis with Compatible gel doc system as per specification at Annexure-VII Make & Model.....	01 No.				
Total						
Grand Total Rs.						

\*FRI Dehradun is eligible for concessional GST @ 5% and Custom Duty exemption. Therefore the bidders are requested to quote accordingly.

- 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. Warranty: **As per Specification**
6. AMC/CMC **As per Specification (if applicable)**
7. Rejection: Equipment if found not as per the required specification, warranty and AMC /CMC, would be rejected.  
As per clause-2.9 of enquiry letter.
8. Penalty Clause: In case of the non-supply of the item after the acceptance of the work/supply order, EMD will be forfeited by the Institute.
9. PBG: 3% of the cost price in the form of Bank Guarantee or FDR pledged in favour of "Director, Forest Research Institute, Dehradun" is required from the successful bidder at the time of installation of the equipment which should remain valid at least during the warranty period plus sixty days.

**Customs Details:**

(i) **Forest Research Institute, Dehradun Custom House Agent (CHA) Address**  
M/s Cwick (Import Consolidation), Private Limited,  
L-II/101, New Mahavir Nagar Extension,  
Outer Ring Road, New Delhi-110018,  
E-mail: info@cwickimport.com and followup@cwickimport.com  
Tel: + 91-09313996082, + 91-11-25996082, + 91-11-25992781

(ii) **Details of Institute:**  
Import Export Code (IEC code FRI) – 0100000011  
AD CODE:- 02900682870007  
Union Bank of India, Main Branch, Rajpur Road, Dehradun-248001

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

**RATES:** The rates quoted by the bidders, shall be firm and inclusive of all taxes (including GST, transport etc.,) and all charges for packing forwarding, insurance, freight, delivery and unloading at FRI Dehradun, Uttarakhand. Rates to be quoted as per the schedule given in Annexure-VI

## SPECIFICATIONS

## Name of Item: 2D Gel electrophoresis with compatible gel doc system

## Purpose (General/Research):

(Strikeout/delete whatever not applicable)

1 Technical Specifications		Minor Deviation allowed (Yes/No)
<b><u>First dimension Iso Electric focusing - Qty 1 Unit</u></b>		
1.	System should include Individual Lane Control for running different samples, pH Gradients and focussing protocols in a single run.	Yes only if better
2.	System should have touch screen User Interface for easy easily creating and editing protocols and setting up the program rapidly.	Yes only if better
3.	System should include dedicated site for online data interpretation for Graphing data, Comparing lanes and generating reports.	Yes only if better
4.	System should include USB Port to export data for storage and analysis. Should come with opaque lid	Yes only if better
5.	System should include run mode flexibility- to run IPG strips gel Side Up, Gel Side Down and with cup loading configuration.	Yes only if better
6.	System should have voltage 0–10,000 V, 1 V increments(50-10000V)	Yes only if better
7.	Current range should be 0–100 $\mu$ A per lane, 1 $\mu$ A intervals	Yes only if better
8.	Power range of 0–1 W per lane.	Yes only if better
9.	Should come with all required accessories.	No
10.	System should have peltier based cooling platform.	No
11.	Temperature range should be 10–25°C $\pm$ 1.0°C @ max ambient 23°C 18–25°C $\pm$ 1.0°C @ max ambient 31°C.	Yes only if better
12.	Focusing trays should be made of polycarbonate for contaminant free process.	Yes only if better
13.	System should accommodate IPG strip length 7, 11, 13, 17, 18, and 24 cm.	Yes only if better
14.	System should have display QVGA resolution (320 x 240) touch screen or mouse control	Yes only if better
15.	System should have ramping Step, linear, gradual, and hold voltage ramping for each focusing step. Hold mode as a final step to prevent diffusion when IEF is complete.	Yes only if better
16.	System should have 2GB capacity for storing protocols.	Yes only if better
17.	Data collection should be in .dat format	Yes only if better
18.	System should have following regulatory compliances:	No
19.	Safety EN 61010-1:2001, IEC 61010-1:2001 Use NRTL to test for compliance to UL61010-1:2004 and CAN/CSA C22.2 No. 61010-1-04	No
20.	EMC EN61326 (1997 w/A1:98) Class A FCC Code of Federal Regulations, Title 47, Part 15, Subpart B, Class A	No
<b><u>Image analysis 2D Software</u></b>		
21.	Automatic Spot Detection & Quantification.	No
22.	Simultaneous analysis of more than 15 gels	No
23.	Automatic matching without manual land marking	Yes only if better
24.	Ability to detect and separate merged, overlapping spots.	Yes only if better
25.	Background removal algorithm for most accurate representation of faint abundance proteins.	Yes only if better
26.	Ruby Gel Filter for noise removal.	Yes only if better
27.	Gel Normalization with total quantity in valid spots or total density in gels or local regression levels	Yes only if better
28.	Gel land marking and automatic spot matching	Yes only if better
29.	Can Export XML data and JPEG file format	Yes only if better

30.	Group consensus feature to review consensus data for individual gels classes or replicate groups	Yes only if better
31.	Unbiased standard deviation formula to calculate coefficient of variation for groups and classes	Yes only if better
32.	Different analysis tool : Spot review tool, Scatter plot tool, Student t-Test, Fold changes, Boolean analysis etc	Yes only if better
33.	Interactive review analysis tool for analysis of sets of gels – <i>Page of Graphs</i> .	Yes only if better
34.	Creates analysis sets which integrate the functioning of spot cutter.	Yes only if better
35.	Can be integrated with data from IMAGING SYSTEM , SPOTCUTTER etc	Yes only if better
36.	Should be GLP/GMP Compliant, and should have facility for future advance upgrade.	No
<b>Gel doc with Chemi Imaging System</b>		
37.	Should include: darkroom UV transilluminator, epi-white illumination, camera, White light conversion tray, cables, 1D image analysis software	Yes only if better
38.	Applications: Calorimetry/densitometry, chemiluminescence/western blots, Imaging and analysis of DNA/RNA bands, stain-free imaging.	Yes only if better
39.	Stain-free technology to provide total protein normalization as an alternative to normalization with single housekeeping proteins (HKPs).	Yes only if better
40.	Motorizes zoom lens	No
41.	Excitation source - Trans-UV and epi-white are standard (302 nm included)	Yes only if better
42.	Maximum Sample Size : 28 x 36 cm	Yes only if better
43.	Maximum Image Area (For standard UV-excited gels) 25x25 cm	Yes only if better
44.	Detector-Supercooled CCD	Yes only if better
45.	Pixel size (H x V) - 6.45 x 6.45 $\mu$ m	Yes only if better
46.	Image Resolution - 4 Megapixels	Yes only if better
47.	Cooling system - Peltier	No
48.	Camera cooling temperature: -30°C controlled	Yes only if better
49.	Filter selector - 3 positions (2 for filters, 1 without filter, for chemiluminescence)	Yes only if better
50.	Dynamic range - >4.0 orders of magnitude	Yes only if better
51.	Precalibrated focus for any zoom setting or sample height	Yes only if better
52.	Image flat fielding - Dynamic; precalibrated and optimized per application	Yes only if better
53.	Autoexposure - 2 user-defined modes (intense or faint bands)	Yes only if better
54.	Operating voltage - 110/115/230 V AC nominal	No
55.	Operating temperature - 10–28°C	Yes only if better
56.	System should be quoted with Stain free gel for 10-15 gel run from same manufacturer.	Yes only if better
<b>2 Accessories, spares and consumables (if any)</b>		
2.1	Availability of spares for next 5 years	
<b>3 Standards, Safety, Warranty and Training (if any)</b>		
3.1	FDA, CE, ISO, UL or BIS certified:	YES
3.2	Comprehensive warranty (Years):	2
3.3	AMC after Warranty (Years):	-
3.4	Training for Lab staff:	YES
<b>4 Documentation (if any)</b>		
4.1	Catalogue/Pamphlet/Literature	YES
<b>5 Supply Type (Supply/Installation/Testing/Commissioning)</b>		
5.1	Supply/Installation/Testing	Yes
<b>6 Special Terms &amp; Condition (if any)</b>		