



Foundation for Innovation and Technology Transfer (FITT), Indian Institute of Technology Delhi (IIT Delhi) invites proposals in Two-Bid System (Techno-Commercial) from the eligible Principal/OEM or their verified Indian agents for the Purchase of equipment for BioNEST Laboratory at R&I Park, IIT Delhi, Hauz Khas, Delhi-110016.

RFP No. – RFP/BioNEST/Equip/23/01

Date – September 19th, 2023

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Chapter 1. Introduction

- **Purpose of the RFP:** The purpose of this Request for Proposal (RFP) is to invite qualified suppliers to submit proposals for the supply of the following Equipment (**Annexure 4**) as per the specifications provided (Ref. chapter 5) in **RFP No. - RFP/BioNEST/Equip/23/01** by Foundation for Innovation and Technology Transfer (FITT), Indian Institute of Technology Delhi (IITD).
- **Quantity Required:** Ref Annexure 4
- **EMD:** Refer Annexure 4
- **Delivery period:** Within 6 weeks from the date of award of contract or, in case of Ex-
import, within 12 weeks from the date of award of contract.
- **Submission Deadline:** All proposals needed to be sent in hard copy by 3rd October 2023 to O/o COO, FITT, IIT-Delhi.
- **Last date for submission of queries:** 25th September 2023
- **Response to queries:** 27th September 2023
- **Last Date of Bid Submission: 3rd October 2023**
- **Contact Information:** For inquiries and clarifications related to this RFP, please contact:
O/o The Chief Operating Officer,
Foundation for Innovation and Technology Transfer, Deans' Complex, First
Floor, Indian Institute of Technology Delhi, Hauz Khas, New Delhi – 110016
- **Email Address:** coo@fitt-iitd.in
- **Subject Heading to put Queries:** Query for the supply of Equipment at BioNEST Lab at R&I Park, IIT Delhi.
- **Subject line for bid/proposal submission:** Proposal for the supply of Equipment at BioNEST Lab at R&I Park, IIT Delhi.

Chapter 2. Instruction to Bidder

- A. Please go through the enclosed “bid document” carefully for other bidding instructions.
- B. No request for an extension of the due tender date will be considered.
- C.
- In the tender, either the Indian agent on behalf of the Principal/OEM or the Principal/OEM itself can bid, but both cannot bid simultaneously for the same item/product. In the event of simultaneous bidding by both Principal/OEM and Indian agent; the bid submitted by the Indian agent will not be considered.
 - If an agent submits a bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product. In the event an agent submits the bids on behalf of more than one Principal/OEM for the same item in the same tender, then all such bids will not be considered.
- D. The bid should remain valid for a period of **180 days** from the date of opening. In case your offer has a different validity period, that should be clearly mentioned in the quotation. The validity period may also be extended without change in bid prices, if required, on a mutually agreed basis only.
- E. Clarification of bidding documents: If a prospective bidder requires any clarification regarding the bidding documents, they may mail to: coo@fitt-iitd.in
- F. Tenderers are advised to complete all submission-related work well before the last date for submission of tender online. Any request for modification in the time/date of submission of tender due to the tenderer’s failure to submit his offer will not be accepted. Tenderers must try to submit their bid prior to the last date to avoid any failure.
- G. Warranty and Support (applicable for all Equipment)**
- 3-year comprehensive warranty on the complete system from the date of installation, including an Annual Maintenance Contract (AMC) of 3 years (3 preventive maintenance visits per year) and breakdown visits as and when required.
 - Reliable after-sales support, including maintenance and technical assistance, should be provided.
- H. Proposal Submission**

1. Submission Requirements

a) Submission Guidelines:

- All proposals must be submitted in Physical form. Under this system, the bidder must submit their offer in two separate sealed envelopes marked as Technical Bid and Commercial Bid on the cover page of the envelopes. The sealed envelopes should be placed in a third larger envelope. The main envelope containing both bids should be super-scribed with RFP enquiry no. - **RFP/BioNEST/Equip/23/01.**
- The sealed envelope (Hard Copy) is to be sent via registered postage or physical submission to **O/o The Chief Operating Officer, Foundation for Innovation and Technology Transfer, Deans' Complex, First Floor, Indian Institute of Technology Delhi, Hauz Khas, New Delhi – 110016**
- All proposals must be clearly marked as **Proposal for supply of Equipment at BioNEST Lab at R&I Park, IIT Delhi.**
- The last date for submission of proposals is **3rd October 2023.** Any submissions made after the mentioned date will not be considered.

b) Bid Security (BS)/ (Earnest Money/ EMD) and its forfeiture:

The earnest money should be deposited in the form of a Demand Draft of a Scheduled Bank issued in favour of the Foundation for Innovation and Technology Transfer. No bank guarantee will be accepted in lieu of the earnest money deposit.

FITT shall forfeit the EMD in the following events:

- i. If the proposal is withdrawn during the validity period or during the extension agreed by the Firm thereof.
- ii. If the Proposal is varied or modified in a manner not acceptable to FITT after opening of Proposal during the validity period, or any extension thereof.
- iii. If the bidders try to influence the evaluation process.
- iv. If the Performance Security for performance is not furnished as per the relevant clause given in the bid and/or the Contract is not signed within the time limit specified.
- v. The earnest money of unsuccessful Bidders shall be discharged/returned by the FITT as promptly as possible after the expiration of the Bid Validity or the award

to the successful bidder, whichever is earlier. The earnest money deposited by the successful bidder will be refunded after submission of the performance guarantee within 30 days of the award of work.

2. Technical & Commercial Bid

a) Part I – Technical Bid (WITHOUT PRICE)

1. This part should contain detailed specifications of the items quoted by you (Tenderer/ Bidder), along with technical literature and leaflets.
2. This Bidder should include all the specification checklists outlined in the **Equipment Specification** section of **Chapter 5** pertaining to the quoted Equipment.
3. A compliance statement showing the compliance of the item quoted by you with that of the item tendered by us should be prepared and enclosed in this part.
4. Any other information called for in the tender-related technical and commercial specifications can also come in this part.
5. Prices should **NOT** be indicated in this part.
6. The commercial terms applicable for the items quoted by you (Bidder) should be indicated in this part.
7. If any compliance statement is called for the commercial terms/contractual terms and conditions, the same is to be attached in this part.
8. Prices should **NOT** be indicated in this part. However, **a copy of the price bid (without prices) must be enclosed in this part to enable us to understand whether all the items required to be quoted by you have been quoted in the price bid (Commercial Bid).**
9. The Commercial terms, such as delivery terms, delivery period, payment terms, Warranty, validity of the offer, installation & commissioning, duties and taxes etc., shall come into this.
10. The Tenderer/ bidder needs to provide hard copies of the following certificates along with the Tender Documents to confirm their eligibility in this part:
 - Proof of establishment of Firms/shop/business/ manufacturing unit etc. or Goods and Service Tax Registration Certificate (REG-06 Format), whichever is applicable. (Clear visible scanned copy)
 - The bidder should Photocopy the PAN card issued in the name of the bidder's firm. (Clear visible, coloured scanned copy)

Note:

- Technical Specifications and terms & conditions as above should be very clearly reflected item-wise with reference to the items called for in the tender.
- The bidders must have to provide a letter of acceptance of tender terms & conditions duly sealed & signed in this part (As per Annexure-1).

b) Part II: Commercial terms (Price Bid):

- The prices applicable for the items, item-wise in response to the tender shall come into this part in the prescribed format only. **The bid will be rejected if rates are not quoted in the prescribed format. (ref. Annexure 2 and 3)**
- The tenderer shall indicate very clearly item-wise prices with reference to their technical offer.
- The tenderer/ Bidder should mention prices for all the quoted items (as mentioned in the Technical bid) in this section.

3. Prices

- a. The Bidder/Tenderer shall indicate unit prices in the prescribed format only.
- b. Prices indicated on the price-schedule form shall be entered separately in the following manner:
- c. **For Goods being offered from India/ abroad in INR:** The price of the goods quoted should be FOR FITT, IIT Delhi, inclusive of all taxes(GST, Custom etc.), charges for inland transportation, insurance and other local services required for delivering the goods at the desired destination as specified in the price schedule form, installation, commissioning, training charges etc, if any. (Annexure 2)
- d. **For Goods being offered from abroad in currency other than INR:** The price of the goods, quoted on FCA (named place delivery abroad) or FOB (named port of shipment), as specified in the price schedule form. The price should be FOR FITT, IIT Delhi, inclusive of all taxes, charges for insurance and transportation of the goods, agency commission, installation, commissioning, training charges etc. if any. (Annexure 3)
- e. The terms FOB, FCA, CIF, CIP etc. shall be governed by the rules prescribed in the current edition of the Incoterms published by the International Chambers of Commerce, Paris.

- f. Prices quoted by the Bidder/Tenderer shall be fixed during the Bidder/Tenderer's performance of the Contract and not subject to variation on any account.

4. Responsiveness of Bids:

Prior to the detailed evaluation, the FITT, IIT Delhi, will determine the substantial responsiveness of each bid to the bidding documents. For purposes of this clause, a substantive responsive bid is one that conforms to all terms and conditions of the bidding documents without material deviations, reservations or omissions. A material deviation, reservation or omission is one that:

- a) affects in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or
- b) limits in any substantial way inconsistent with the Bidding Documents, the FITT, IIT Delhi rights or the Bidder/Tenderer's obligations under the Contract; or
- c) If rectified, it would unfairly affect the competitive position of other bidders/tenderers presenting substantially responsive bids.
- d) FITT, IIT Delhi's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.
- e) If a bid is not substantially responsive, it will be rejected by the FITT, IIT Delhi and will not subsequently be made responsive by the Bidder/Tenderer by correction of the material deviation, reservation or omission.

I. Amendment of Bidding Documents

- Corrigendum, if issued for the tender, shall form part of the Tender Document. Corrigendum will be posted on FITT, IIT Delhi website (www.fitt-iitd.in) Bidders/Tenderers are requested to visit FITT, IIT Delhi website regularly and note the corrigendum/amendments to the tender without fail and submit the offer accordingly. FITT, IIT Delhi will not be responsible for ignorance of the corrigendum.
- At any time prior to the deadline for submission of bids, the FITT, IIT Delhi may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder/Tenderer, modify the bidding documents by amendment. The same would also be hosted on the FITT, IIT Delhi website and all prospective

bidders/tenderer are expected to surf the website before submitting their bids to take cognizance of the amendments. Bidder/Tenderer who has submitted bids before publishing the amendment may revise their bid incorporating the amendments before the last date of tender.

- In order to allow prospective Bidder/Tenderer's reasonable time in which to take the amendment into account in preparing their bids, the FITT, IIT Delhi, at its discretion, may extend the deadline for the submission of bids and host the changes on the website.

J. Custom Duty: The FITT, IIT Delhi, have registration in the Department of Scientific & Industrial Research (DSIR).

Chapter 3. Evaluation and comparison of bids

- I. The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive.
- II. To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined below. No other criteria or methodology shall be permitted.
- III. The bids shall be evaluated on the following basis which shall be arrived as under:

A. For goods being offered from India.

Goods price will be calculated FOR FITT, IIT Delhi. The lowest bid (L1) will be decided by the price of the goods quoted, should be FOR FITT, IIT Delhi inclusive of all taxes (GST & Custom Duty, etc.), charges for inland transportation, installation, commissioning, training charges, insurance and other local services required if any for delivering the goods at the desired destination as specified in the price schedule Price Bid format.

B. For goods being offered from Abroad

In case of goods being offered from abroad, the Lowest bid (L1) will be decided based on total cost at FITT, IIT Delhi, which includes the basic price of goods, freight and Insurance up to Indian Airport/port (CIF/CIP value up to Indian airport/port), customs duty and other taxes as applicable etc., Inland transportation and insurance up to FITT, IIT Delhi, packaging, forwarding, agent commission for custom clearance and installation, commissioning and training charges if any.

C. Conversion to Single Currency:

To facilitate evaluation and comparison, Bids quoted in foreign currency will be converted into Indian Rupees at the selling exchange rate established by the Reserve Bank of India on its website on the date of price bid opening.

In case charges for packing, forwarding, transportation inside India, custom clearance charges or other incidental charges are quoted extra in addition to the quoted rates, the amount thereof must be specified. Packing, forwarding, freight, entry tax etc., when quotes separately are reimbursable at actuals after production of original receipts/invoices. If external agencies are employed, their receipts must be enclosed with the invoice.

If vendor wishes, he/they may, alternatively, quote the price of imported items in Indian rupees. In this case item may be treated as offered from India. Payment will be released accordingly.

Note: *Where there is no mention of packing, forwarding, freight, transportation, insurance charges, taxes etc. such offers shall be REJECTED as incomplete.*

D. Clearance and delivery

On arrival of shipment/consignment, the supplier is required to arrange customs clearance and transportation of the consignment up to FITT, IIT Delhi premises. The Tenderer/ bidder will do all types of clearance work and **formalities to deliver/provide the equipment at the site of installation. The expenses incurred will be reimbursed on an actual basis, not exceeding the quoted amount.** FITT, IIT Delhi will provide all types of documentary support, including a Customs Duty exemption certificate. The custom duty, demurrage (in case of delay in the release of custom duty to the customs department by FITT, IIT Delhi) and government taxes/levies (if any) will be paid extra by the buyer after as per the term of payment. Please note that if your consignment is supplied from a different state, the State of Delhi may charge entry tax on all goods entering the State. This may be included in your quotation as a separate item. Entry Tax will be reimbursed on production of proof of payment. **Principals will themselves have to procure any requisite permission from the Govt. of the country of origin of equipment.**

E. Agency Commission/other charges

Agency commission, if any, should be clearly mentioned by the Bidder/tenderer and will be paid in Indian Currency. Please note that actual reimbursement will not exceed the quoted amount in any circumstances.

FITT, IIT Delhi reserves the right to conduct a pre-dispatch inspection of goods and the vendor must facilitate it at FITT, IIT Delhi cost for pre-dispatch inspection.

F. Warranty Period:

The warranty period should be a minimum of 3 years with spares or as mentioned in technical specifications (whichever is higher) from the date of installation with satisfactory performance as per specifications.

Chapter 4: Terms and conditions

A. Terms of Payment:

The method and conditions of payment to be made to the Supplier under this Contract shall be as follows:

I. Payment for Goods and Services offered from India:

Payment for Goods and Services supplied from within India shall normally be made in Indian Rupees, as follows: 100% payment will be made in account payee cheque or Draft/Online Transfer using RTGS to the Supplier normally within thirty (30) days after the successful installation and commissioning of equipment's subject to submission of performance security, if any.

II. Payment for Goods and services offered from abroad:

Payment of the foreign currency portion shall normally be made in the currency of the contract in the following manner:

- a) **On Shipment:** All payments for foreign OEMs will be through a letter of credit, and all the bank charges within India will be borne by FITT. The payment terms would be as under:

30% on Purchase Order through LC (LC would be shared on placement of Purchase order; LC would be released on equipment being dispatched on High Sea)

50% LC (LC would be shared on dispatch of equipment on High Sea; LC would be released on Landing at Delhi Airport) 20% LC would be released on Installation and commissioning of the equipment at R & I Park, IIT Delhi, Hauz Khas, New Delhi-110016. The Goods shipped shall be paid through an irrevocable letter of credit (L/C) opened in favour of the Supplier in a bank in its country upon submission of the following documents specified as below:

Within **24 hours of dispatch**, the supplier shall notify the purchaser of the complete details of dispatch and also supply the following documents by Registered Post/ courier and copies thereof by FAX.

- i. Two copies of the supplier's Invoice giving full details of the goods including quantity, value, etc.
- ii. Packing list.
- iii. Certificate of country of origin.
- iv. Manufacturer's guarantee and Inspection certificate/test report.

- v. Inspection certificate issued by the Purchaser's Inspector, if any.
- vi. Insurance Certificate, if required under the contract.
- vii. Name of the Vessel/Carrier.
- viii. Bill of Lading/Airway Bill.
- ix. Port of Loading.
- x. Date of Shipment.
- xi. Port of Discharge & expected date of arrival of goods and
- xii. H S code of classification of goods.
- xiii. Any other document(s) as and when required in terms of the contract.

Note:

- The nomenclature used for the item description in the invoices(s), packing list(s), delivery note(s) etc., should be identical to that used in the contract. The dispatch particulars, including the name of the transporter, should also be mentioned in the Invoice(s)
- The above documents should be received by the Purchaser before arrival of the Goods and if not received, the Supplier will be responsible for any consequent expenses.

b) On Acceptance:

The L/C will be confirmed at the supplier's cost if requested specifically by the supplier. If L/C is requested to be extended/ reinstated for reasons not attributable to the purchaser, the charges thereof would be to the suppliers' account. All bank charges in India to the account of the opener and all bank charges outside India to the account of the beneficiary. Payment of the local currency portion shall be made in Indian Rupees within thirty (30) days of presentation of the claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed. The L/C for 100% value of the contract shall be established after deducting the agency commission payable, if any to the Indian agent from the CIF/CIP value.

c) Performance Security (PS):

In compliance with this agreement, the winning bidder shall be obligated to provide 'Performance Security' equivalent to 5% of the total order value, denominated in Indian Rupees. This security shall be furnished in the form of either an 'Account Payee Demand Draft,' a 'Fixed Deposit,' and/or an 'Unconditional Bank Guarantee' issued by a nationalized bank and payable upon demand to the Foundation for

Innovation and Technology Transfer. This security shall remain valid for a period of sixty (60) days beyond the date of completion of all contractual obligations by the supplier, including guarantee and warranty obligations. Failure to adhere to this provision shall result in the forfeiture of the bid security. The performance security will be discharged by the Purchaser and returned to the Supplier not later than 60 days following the date of completion of the Supplier's performance obligations, including any warranty obligations.

B. Terms of Delivery:

Delivery should be made within 6 weeks from the date of order of placement of goods offered from India or 12 weeks from the date of order of placement in case of goods offered from abroad. However, the delivery period will vary as per the item and urgency of the requirement of FITT, IIT Delhi.

a. The Insurance

shall be for an amount equal to 110% of the CIF or CIP value of the contract from within "the warehouse to the warehouse/installation site", i.e., FITT, IIT Delhi on an "all risk basis", including strikes, riots, and Chemistry commotion.

b. Delayed delivery:

Maximum one-month extension in the delivery period may be given on the receipt of a written request of the successful vendor; however, liquidated damage at the rate of 0.5% of the price per week or part thereof of delay will be recovered from the firm of the value of undelivered goods. Request for an extension in the delivery period should be made before the last date of supply as mentioned in the Purchase Order.

c. Non-delivery beyond the extended period:

If the Tenderer fails to execute the order within the delivery period as mentioned above, the order will be cancelled and EMD will be forfeited by the FITT, IIT Delhi.

d. Installation time:

The Company must install the equipment within a period of 2 months from the date of delivery of the equipment at FITT, IIT Delhi, failing which order will be cancelled, and EMD will be forfeited. However, the necessary requirements for the installation of goods /equipment will be provided by FITT, IIT Delhi.

C. Copyright:

The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party.

D. Insurance:

- i.** Should the purchaser elect to buy on a CIF/CIP basis, the Goods supplied under the Contract shall be fully insured in Indian Rupees against any loss or damage incidental to manufacture or acquisition, transportation, storage and delivery.
- ii.** Where delivery of the goods is required by the purchaser on a CIF or CIP basis, the supplier shall arrange and pay for Cargo Insurance, naming the purchaser as beneficiary, initiate & pursue claims till settlement in the event of any loss or damage.
- iii.** With a view to ensure that claims on insurance companies, if any, are lodged in time, the bidders and /or the Indian agent, if any, shall be responsible for following up with their principals to ascertain the dispatch details and informing the same to the Purchaser and he shall also liaise with the Purchaser to ascertain the arrival of the consignment after customs clearance so that immediately thereafter in his presence the consignment could be opened and the insurance claim be lodged, if required, without any loss of time. Any delay on the part of the bidder/Indian Agent would be viewed seriously and he shall be directly responsible for any loss sustained by the purchaser in the event of the delay.

E. Right to use Defective Goods:

If after delivery, acceptance, installation and within the guarantee and warranty period, the operation or use of the goods proves to be unsatisfactory, the Purchaser shall have the right to continue to operate or use such goods until rectifications of defects, errors or omissions by repair or by partial or complete replacement is made without interfering with the Purchaser's operation.

F. Site preparation and installation:

The Purchaser will designate the installation sites before the scheduled installation date to allow the Supplier to perform a site inspection to verify the appropriateness of the sites before the installation of the Equipment if required. The supplier shall inform the purchaser about the site preparation, if any, needed for the installation of the

goods at the purchaser's site immediately after notification of Award / Purchase Order / Agreement.

G. Proposal Acceptance:

Prior to the expiry of the period of Bid Validity, FITT will notify the successful Bidder by e-mail / by registered/speed post. This letter (hereinafter and in the Conditions of Contract called 'the Letter of Award') shall mention the sum which FITT will pay to the firm in consideration of the work performed by the firm as prescribed by the Contract (hereinafter and in the conditions of Contract called 'the Assignment Fee') to the satisfaction of FITT. No correspondence will be entertained by FITT from the unsuccessful Bidders. The Letter of Award shall constitute a part of the contract.

H. Signing Of Purchase Order (PO):

FITT, IIT Delhi will draft the Purchase Order, effectively integrating all agreed-upon terms between both parties. The successful Bidder is obligated to execute the Contract Agreement within 30 days from the date of issue of the Letter of Award. This document will also be considered a part of the Purchase Order.

- a) The Successful Bidder shall submit Performance Security within a period of 15 days from the date of issue of the Letter of Award
- b) One copy of the PO duly signed by FITT authority and the Firm through their authorized signatories will be supplied by FITT to the Firm.
- c) In case the Successful Bidder does not sign the PO with FITT, FITT reserves the right to retender the project or to award it to the next suitable bidder (selected by the procedure mentioned above).
- d) The agreement may be suitably amended with mutual consent during the currency of the contract.

EMPLOYMENT OF OFFICERS/ RETIRED OFFICERS OF THE FITT

The Bidder(s), either at the Proposal stage or during the execution stage, shall not employ or attempt to employ any staff from current or past employees, including retired employees of FITT in any capacity unless such employee has completed at least two years post-retirement/ resignation or had obtained a 'No Objection Certificate specific to this effect.

STANDARDS OF ETHICS

FITT desires that the Firms shall observe the highest standard of ethics during the selection and execution of such contracts.

In pursuance of the above objective, this policy defines the terms set forth below as follows:

“Corrupt practice” means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the selection process or in contract execution; and

“Fraudulent practice” means a misrepresentation or omission of facts in order to influence a Selection process or the execution of a contract,

“Collusive practice” means a scheme, arrangement or understanding between two or more Firms, with or without the knowledge of FITT, designed to establish prices at artificial non- competitive levels.

“Coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a selection process or affect the execution of a contract.

It is further provided that: -

- FITT will reject a proposal for award if it determines that the Firm recommended for award has engaged in corrupt or fraudulent or collusive or coercive activities in competing for the contract in question.
- FITT will declare a Firm ineligible, either indefinitely or for a stated period of time, to be awarded a government contract if it at any time determines that the Firm has engaged in corrupt or fraudulent practices in competing for, or in executing this contract.

I. Force Majeure:

- i.** Notwithstanding the Clauses relating to extension of time, penalty and Termination for Default, the Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default if and to the extent that, its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- ii.** For purposes of this Clause, “Force Majeure” means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its

sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

- iii. If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof within 21 days of its occurrence. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
- iv. If the performance in whole or in part or any obligations under the contract is prevented or delayed by any reason of force majeure for a period exceeding 60 days, either party may, at its option, terminate the contract without any financial repercussions on either side.

Defective Equipment:

- v. If any of the equipment supplied by the Tenderer is found to be substandard, refurbished, unmerchantable or not in accordance with the description /specification or otherwise faulty, the institute will have the right to reject the equipment or its part. The prices of such equipment shall be refunded by the Tenderer with 18% interest if such payments for such equipment have already been made to him.
- vi. All damaged or unapproved goods shall be returned at the supplier's cost and risk and the incidental expenses incurred thereon shall be recovered from the supplier. Defective part in equipment, if found before installation and/or during warranty period, shall be replaced within 45 days on receipt of the intimation from this office at the cost and risk of supplier including all other charges.

***Note**

- Any disputes arising out of this enquiry shall be dealt in the New Delhi jurisdiction.
- Bidder must sign all the pages of this tender and enclose it with the bid.

Chapter 5. Scope of Work

1. Installation Requirements:

The installation of the laboratory equipment is to be carried out at the 4th floor of Research and Innovation (R&I) Park, IIT Delhi. Please note the following installation requirements:

- **Location:** The installation will take place on the 4th floor of the R&I Park.
- **Power Outlets:** The provision of electrical power outlets requisite for the operation of the equipment will be ensured at the designated installation site. Notwithstanding, in the event that the equipment demonstrates non-compatibility with the Indian standard power outlet, it shall be incumbent upon the selected vendor/bidder to guarantee that the equipment is compatible with the supplied electrical outlets. Furthermore, the selected vendor/bidder shall bear the responsibility for connecting the equipment to these outlets.
- **Additional Outlets or Fittings:** If the equipment necessitates any additional power outlets, fittings, or special infrastructure beyond what is currently available at the installation site, it is the responsibility of the vendor/bidder to arrange for the installation and cost associated with these requirements. This includes, but is not limited to, the installation of gas purification panels, specialized plumbing, or any other infrastructure necessary for the proper functioning of the equipment.
- **Site Inspection:** Prior to installation, the selected vendor/bidder may conduct a site inspection to assess the specific installation requirements and confirm the compatibility of the equipment with the provided infrastructure. Any findings from this inspection must be communicated to FITT, IIT Delhi for approval and any necessary modifications.
- **Compliance:** The installation must adhere to all relevant safety and regulatory standards. The selected vendor/bidder is responsible for ensuring that the installation complies with local building codes, safety regulations, and any other applicable standards.
- **Coordination:** The vendor/bidder is expected to coordinate closely with FITT, IIT Delhi personnel responsible for the installation site and any relevant third-party contractors to ensure a smooth and efficient installation process.
- **Cleanup:** Upon completion of the installation, the vendor/bidder is responsible for

cleaning up the installation area, removing any packaging materials, and disposing of waste materials in accordance with local regulations.

- **Documentation:** The vendor/bidder shall provide detailed documentation of the installation process, including any modifications made to the equipment or infrastructure, to FITT, IIT Delhi for record-keeping and future reference.

2. Training Requirements:

The vendor is responsible for providing the following without additional charges:

- Application Training for all the equipment by a trained person. Three (3) annual training.
- Detailed training and SOP for the instrument should be provided at the time of installation and demo.

3. Equipment Specifications

A. **Name of the Product: Bioreactor (Preferred makes: SPINCO Biotech Chennai/ SM Biotech Pune or BioTree Bengaluru)**

Name of Vendor:

Product Make and Model No.:

No.	Specification	Description	Compliance by the vendor (Yes or No)
1.	Purpose and Scope	The bioreactor is intended for environmental and industrial biotech applications, bioprocess development, and circular economy projects.	
2.	Capacity	Scalable capacity of 5-20 litres to suit project requirements.	
3.	Construction and Material	Constructed from high-quality stainless steel (316L or equivalent) for durability and corrosion resistance. Equipped with safety features to withstand internal pressure.	
4.	Agitation System	Efficient agitation system for uniform mixing of culture media and oxygen dispersion. Adjustable for different cultures.	
5.	Temperature Control	Precise temperature control (5°C-150°C) with monitoring through digital control system or LCD screen.	
6.	pH Control	pH control system to maintain desired pH level. Integrated pH sensors and controllers.	
7.	Aeration and Gas Supply	Provisions for controlled supply of oxygen and gases. Adjustable gas flow rates and composition.	

8.	Sterilization	Effective sterilization system using autoclaving, SIP, or other validated techniques.	
9.	Sampling and Monitoring	Easy sampling of culture media. Monitoring and data logging for temperature, pH, dissolved oxygen, and biomass concentration.	
10.	Control and Automation	User-friendly interface with programmable features. Support for remote monitoring and control.	
11.	Safety	Compliance with industry safety standards. Integrated safety interlocks and alarms for operator protection.	
12.	Documentation and Training	Provision of comprehensive user manuals, maintenance guidelines, and technical documentation. Operator and maintenance personnel training provided.	
13.	Computer Configuration	Supplied with an all-in-one system for software-based operations and data analysis. (intel i5 12 th gen or higher, 16 GB or more RAM 512 GB SSD, 21 inch or more monitor)	
14.	Compliance	Compliance with relevant international standards and certifications.	

B. Name of the product: Gas Chromatography-Mas Spectroscopy (Preferred makes: Shimadzu/Thermofisher/Agilent)

Name of Vendor:

Product Make and Model No.:

Sr. No.	Specification	Description	Compliance by the vendor (Yes or No)
1.	Purpose and Scope	The system should have a Split/Splitless injector with electronic pneumatic/pressure controls for gases and a user-friendly Chromatography Data system. It should correct retention time using multi-component n-Alkanes and comply with ISO 9001 and safety standards.	
2.	Mass Analyzer Type	- Metallic quadrupole with a pre-rod - Mass Range: 10 – 1050 u or better Max Collision Energy: 60 eV - Off-Axis Ion Optics for lower detection limits - High-speed MRM analysis up to 800 transitions per second	
3.	Ion Source	- EI sources - Dual filament in all ionization modes - Automated, vent-free source cleaning - Dual-filament system with automatic switching	
4.	Temperature Range	- Operating temp range: Near ambient to 450°C - Programmable 15 temp ramps (16 plateaus) or better - 0.1 °C or better temp set-point resolution - 120 °C or better oven ramp rate - Oven cool down: 450°C to 50°C in 3.4 minutes	
5.	Injector Port	- Fast GC Oven with 150 psi column head	

		pressure - Split/splitless capillary inlet with EPC or AFC - Max Temp: Ambient +2°C to 450°C or more - Split ratio up to 7500:1 - Maintenance without stopping the GC-MS unit	
6.	Auto sampler	- Liquid autosampler for 100 to 150 vials - Sample volume: 1 to 80% of syringe capacity	
7.	Gas Purification	Gas Purification Panel for high-purity carrier gases (helium or nitrogen)	
8.	Software	- Original and licensed universal perpetual software - ECO mode for reduced utility consumption during standby	
9.	Power Backup	Compatible Online UPS included for uninterrupted power supply during analytical runs	
10.	Accessories	Various columns, spectral libraries, syringes, vials, ferrules, injector septa, filament, liners, vacuum pump oil, cutter, deactivated glass wool, injector syringe	
11.	Computer System	Supplied with an all-in-one system for software-based operations and data analysis. (intel i5 12 th gen or higher, 16 GB or more RAM 512 GB SSD, 21 inch or more monitor)	
12.	Compliance and Cert.	- Compliance with industry standards and regulations - Manufacturer-provided certifications - IQ/OQ validation with documentation at the site	

C. Name of the Product: -80°C Ultra-Low Freezer (Preferred make: Eppendorf (Germany)/ Bluestar (India))

Name of Vendor:

Product Make and Model No.:

No.	Specification	Description	Compliance by the vendor (Yes or No)
1.	Purpose and Scope	Intended for long-term storage of sensitive biological samples, vaccines, enzymes, reagents, and temperature-sensitive materials. Provides a reliable and consistent -80°C environment.	
2.	Temperature Range	Maintains a stable temperature of -80°C or lower for sample and material preservation.	
3.	Capacity	Internal storage capacity of 700 litres or more.	
4.	Interior Design	- Adjustable shelves/racks for various sample sizes and container types. - Interior made of ultra-low temperature-resistant material (Stainless Steel or equivalent).	
5.	Temperature Control	- Digital temperature control system for precise management. - Temperature alarms with adjustable setpoints and remote monitoring.	
6.	Cooling System	Relies on a reliable, energy-efficient cooling system (e.g., cascade or two-stage compressor).	
7.	Energy	Designed for maximum energy efficiency with	

	Efficiency	features like vacuum insulation panels, LED lighting, and low heat emission.	
8.	Door and Sealing	- Robust door sealing mechanism to prevent temperature fluctuations. - Airtight sealing gasket. - Equipped with CO2 Jacket for sample protection during power failures.	
9.	Safety and Security	- Locks or security features for restricted access. - Safety mechanisms to prevent accidental door openings.	
10.	Alarm and Monitoring	- Audible and visual alarm system for temperature deviations or power failures. - Remote monitoring and data logging for continuous monitoring and documentation.	
11.	Access Port	Includes an access port for temperature monitoring probes and data loggers.	
12.	Defrosting	Automated defrosting system to prevent ice buildup and ensure consistent performance.	
13.	Exterior Construction	- Durable, corrosion-resistant exterior materials. - Casters or adjustable feet for easy installation and mobility.	
14.	Compliance and Cert.	Complies with relevant industry standards (e.g., UL, CE, etc.) and certifications.	

D. Name of the Product: UV-Vis Spectrophotometer (Preferred make: Beckman Coulter India or Shimadzu (Japan))

Name of Vendor:

Product Make and Model No.:

No.	Specification	Description	Compliance by the vendor (Yes or No)
1.	Purpose and Scope	Intended for use in environmental analysis, healthcare research, and industrial biotech. Measures absorbance and transmittance in UV and visible spectra.	
2.	Wavelength Range	Wide range covering UV (190-400 nm) and visible (400-1100 nm) spectra.	
3.	Wavelength Accuracy	- ± 0.1 nm at 656.1 nm. ± 0.3 nm at other wavelengths. Wavelength repeatability: ± 0.1 nm.	
4.	Light Source	Reliable tungsten lamp for visible light and deuterium lamp for UV light. Stable, long-lasting sources with minimal drift.	
5.	Measurement Modes	Supports absorbance (-4 to 4 Abs.), transmittance (0-400%), concentration, and kinetics. Includes quantitative analysis tools.	
6.	Stray Light	- $< 0.5\%$ at 198 nm (KCl); - $< 0.02\%$ at 220 nm (NaI); - $< 0.02\%$ at 340 nm (NaNO ₂).	
7.	Wavelength	Approx. 14,500 nm/min.	

	Slew Rate	RMS noise: <0.00005 Abs at 700 nm.	
8.	Baseline Stability	<0.0003 Abs/hr at 700 nm, one hour after light source is turned ON.	
9.	Baseline Flatness	<±0.0006 Abs from 1,100 to 190 nm, one hour after light source is turned ON.	
10.	Sample Handling	Accommodates various sample types, including cuvettes of different path lengths. Offers automatic sample changers and sipper systems.	
11.	User Interface	User-friendly interface with color touchscreen or digital display. Includes intuitive data acquisition and analysis software.	
12.	Data Logging and Export	Data logging with export options (e.g., CSV, Excel) and data transfer via USB ports or network connectivity.	
13.	Software Features	- Built-in hardware validation for multiple parameters. - Validation software and optical filters included. - Windows-based operating software with real-time concentration display, enzyme kinetics, event recording, DNA/protein quantification.	
14.	Spectral Scanning	Spectral bandwidth (SBW) of 1.0 nm (190 to 1,100 nm). Supports spectral scanning and provides advanced software for spectral analysis.	
15.	Connectivity	Supports connectivity to external devices such as printers and laboratory information management systems (LIMS).	
16.	Compliance and Upgradability	Complies with relevant industry standards (e.g., USP, EP). Fully upgradable to 21CFR Part 11 compliance on a client-server network.	
17.	Accessories	Includes two pairs of quartz cuvettes.	
18.	Computer Configuration	Supplied with an all-in-one system for software-based operations and data analysis. (intel i5 12 th gen or higher, 16 GB or more RAM 512 GB SSD, 21 inch or more monitor)	

E. Name of the Product: Inverted Microscope/Cell Imager (Preferred make: Nikon/Olympus/Thermofisher)

Name of Vendor:

Product Make and Model No.:

No.	Specification	Description	Compliance by the vendor (Yes or No)
1.	Optical System	Infinity-corrected optical system with RMS threaded objectives supporting fluorescence, brightfield, color brightfield, and phase contrast imaging modes.	
2.	System Integration	Compact integrated unit including microscope, digital cameras, computer, and	

		high-power fluorescence lighting system for various applications.	
3.	Imaging Methods	Supports single colour, multicolour, time-lapse, Z-stacking, and movie capture imaging methods.	
4.	Condenser	60 mm LWD condenser with 4-position turret and phase annuli.	
5.	Mechanical Stage	Motorised (Preferred) OR Mechanical X/Y stage with 120 mm x 80 mm travel range and sub-micron resolution. Includes vessel holders and lockdown holders.	
6.	Focus Mechanism	Automated focus mechanism with sub-micron (0.150 µm) resolution and mechanical focus wheel for coarse and fine focus.	
7.	CMOS Sensor	Integrated 3.2 MP or better monochrome CMOS sensor with 3.45 µm pixel resolution or better.	
8.	Image Overlay	Provides 1-click RGB channel overlay and automatic phase contrast and fluorescence image acquisition and overlay.	
9.	Image Review and Cell Count	Allows image review, measurement, annotation, and cell counting in fluorescence mode post-acquisition.	
10.	Onstage Incubator	Compatibility with onstage incubator for precise control of environmental conditions for biological studies.	
11.	Software and Updates	Includes wizard-based software and offers downloadable software updates at no additional cost.	
12.	Footprint	Small footprint with dimensions of 18 x 23 x 18 inches (preferable).	
13.	Networking	Networking capability through Windows/SMB network via Ethernet cable and USB 3.0 WiFi dongle.	
14.	Output File Formats	Supports 16-bit monochrome TIFF or PNG, 8-bit colour TIFF, PNG, JPG, BMP, and 12-bit dynamic range image formats.	
15.	Output Ports	Includes power, 4 USB 2.0 ports, 1 USB 3.0 port, 1 Display Port, and 1 RJ45 network jack.	
16.	Display	18.5" or higher articulated colour monitor with 1920x1080 pixel resolution.	
17.	Computer Configuration	Supplied with an all-in-one system for software-based operations and data analysis. (intel i5 12 th gen or higher, 16 GB or more RAM 512 GB SSD, 21 inch or more monitor)	

18.	Accessories: Should be supplied with System	<ul style="list-style-type: none"> List of available vessel holders (Well Plates, Dishes, Flasks, and Slides), 02 independent high-output LED illuminators with intensity control, 128 GB USB Drive/Pen Drive, 5-position objective turret with Plan Flourite 10x, 20x, 40x, 100x objectives. 	
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F. Name of the Product: Environmental Stress Tester (Preferred make: Remi or Kelviron)

Name of Vendor:

Product Make and Model No.:

No.	Specification	Description	Compliance by the vendor (Yes or No)
1.	Purpose and Scope	The Environmental Stress Tester is intended for environmental testing, reliability testing, and quality control processes for various products and materials.	
2.	Environmental Parameters	Capable of simulating temperature, humidity, thermal shock, vibration, altitude, and corrosion. Temperature range: 10°C - 60°C, humidity levels: 40% - 95% ±3 RH. With PID controller.	
3.	Testing Chamber Size	200 liters with adjustable shelves.	
4.	Temperature Control	Precise and stable temperature control with uniform distribution throughout the chamber. Rapid temperature transitions for thermal shock testing.	
5.	Humidity Control	Humidity control system to maintain desired humidity levels with uniformity and stability.	
6.	Vibration and Shock Testing	Support for vibration and shock testing to evaluate resistance to mechanical stresses.	
7.	Altitude Simulation	Ability to simulate different altitude conditions to assess product performance at varying atmospheric pressures.	
8.	Corrosion Testing	Capability to conduct salt spray or other corrosion tests with corrosion-resistant chamber and sample holders.	
9.	Control and Monitoring	User-friendly control interface with programmable testing profiles. Real-time monitoring and data logging of environmental conditions and specimen responses.	
10.	Safety Features	Includes safety mechanisms like emergency shut-off, over-temperature protection, and	

		ventilation systems. Compliance with safety standards for testing equipment.	
11.	Sample Mounting	Adjustable and flexible sample mounting options to accommodate various specimen shapes and sizes. Specimen holders and fixtures provided.	
12.	Data Analysis and Reporting	Software for data analysis, reporting, and test certificate generation. Export data in various formats (e.g., PDF, Excel).	
13.	Compliance and Certification	Complies with relevant industry standards (e.g., ASTM, ISO) and holds safety certifications.	

G. Name of the Product: Workstations/Servers (Preferred make: Dell)

Name of Vendor:

Product Make and Model No.:

No.	Specification	Description	Compliance by the vendor (Yes or No)
1.	Purpose and Scope	Two Workstations/Servers designed for computational tasks, in silico work, molecular modelling, and simulations.	
2.	Processor	High-performance multi-core processors (Intel Xeon or AMD Ryzen Threadripper) for parallel computing.	
3.	Memory (RAM)	Each unit should be equipped with 16 GB or more RAM for memory-intensive computational tasks.	
4.	Graphics Processing Units (GPUs)	Both units feature powerful GPUs optimized for scientific computing (NVIDIA Quadro or GeForce RTX series).	
5.	Storage	High-speed storage with 1 TB or larger SSDs (Solid-State Drives) for rapid data access and computation.	
6.	Cooling System	Efficient cooling system, preferably liquid cooling, to maintain optimal operating temperatures.	
7.	Power Supply	Robust power supply units (PSUs) to support demanding power requirements of GPUs and other components.	
8.	Expansion Slots and Ports	PCIe expansion slots for additional GPUs or specialized accelerator cards. USB C (Thunderbolt), USB type-A, HDMI, DisplayPort.	
9.	Network Connectivity	Gigabit Ethernet and/or high-speed network interfaces. Wi-Fi enabled (Wi-Fi 6) for data	

		transfer and remote access.	
10.	Operating System	Microsoft Windows 11 Pro operating system for each unit.	
11.	Remote Management	Support for remote management capabilities for monitoring and maintenance.	
12.	Display and Accessories	29-inch or larger 4k monitor (refresh rate 90 Hz or more) with DisplayPort or HDMI (2.1 or better) connectivity, optical mouse, and keyboard.	
13.	Security Features	Hardware-based encryption and trusted platform modules (TPMs) for data protection.	

H. Name of the Product: FPLC (Preferred make: Cytiva/ BioRad)

Name of Vendor:

Product Make and Model No.:

No.	Specification	Description	Compliance by the vendor (Yes or No)
1.	Chromatography Techniques Supported	Affinity Chromatography, Ion-Exchange Chromatography, Size-Exclusion Chromatography, Hydrophobic Interaction Chromatography.	
2.	Flow Rate	Capable of operating at a flow rate of 20 ml/min or more.	
3.	Flow Rate Adjustment	Automatically adjusts flow rate when operating in a cold cabinet.	
4.	Operating Pressure	Can withstand operating pressure of 100 bar or above.	
5.	Pump Type	High-performance positive displacement piston pump with hydrophobic coating.	
6.	Gradient Mixer	Capable of creating a gradient between 0-100%.	
7.	Inlet Ports	Supplied with 2 or more inlet ports.	
8.	Mixer	Equipped with a mixer for buffer mixing.	
9.	Sample Injection	Provision to insert protein sample into the column bypassing the mixer.	

10.	pH Sensor	pH sensor with 2-point calibration capability.	
11.	Outlet Ports	3 or more outlet ports.	
12.	Fraction Collector	Supplied with a fraction collector capable of attaching 8-, 15-, and 50-mL falcon tubes. Equipped with spillage sensor.	
13.	Conductivity Meter	Temperature integrated conductivity meter at the post-column position with a range of 0.01-999 mS/cm.	
14.	Simultaneous Detection Wavelengths	Capable of detecting at least 280 and 260 nm simultaneously.	
15.	UV Detector Range	UV detector should read values between -3 to +3 AU.	
16.	UV Lamp	UV lamp should not heat the protein sample, have no warm-up time, and a total operating life of 4000 hours or more.	
17.	UV Lamp Control	Ability to turn off UV lamp to save lamp capacity.	
18.	Accessories	Supplied with all necessary accessories, including tubing, connectors, and ferrules for smooth system operation, 2 Nos. blank 25ml columns, 25 ml resin each of IMAC Nickle, Gel exclusion cation anion exchange.	
19.	Data Backup Feature	System software should have data backup features for backup and restore of data files.	
20.	Method Queue	Software should have an inbuilt feature to queue up various purification methods for attended purification, real-time control, and method optimization.	
21.	Column Library	In-built library of columns from vendor and third-party vendors.	
22.	Software Upgradeability	Software should be freely upgradeable, along with system firmware upgrades to enable	

		operations through upgraded software.	
23.	Computer System	Supplied with an all-in-one system for software-based operations and data analysis. (Intel i5 12 th gen or higher, 16 GB or more RAM 512 GB SSD, 21 inch or more monitor)	
24.	Multiple Users Support	Supports multiple users and can be used in multiple systems.	

ANNEXURES

Annexure 1: Acceptance of terms & conditions of tender (Must be on Letter Head) to be added in technical bid

Date:

To,

The Chief Operating Officer

Foundation for Innovation and Technology Transfer, IIT Delhi, Hauz Khas, New Delhi –
110016

Subject: Acceptance of Terms & Conditions of Tender.

RFP No. -RFP/BioNEST/Equip/23/01

Dated: DD/MM/YYYY

Dear Sir,

- i.** I/We have downloaded/obtained the tender document(s) for the above-mentioned tender enquiry no. from the website www.fitt-iitd.in.
- ii.** I/We hereby certify that I/we have read the entire terms & conditions of the tender documents for all the pages (including all documents like annexure, schedules etc.) that form part of the tender document, and I/we shall abide by the terms & conditions/clauses contained therein.
- iii.** The corrigendum(s) issued from time to time by FITT, IIT Delhi to have also been taken into consideration, while submitting this acceptance letter.
- iv.** I/We hereby unconditionally accept the tender conditions of the above-mentioned tender document(s)/corrigendum(s) in totality/entirely.
- v.** In case any provisions of this tender are found violated, FITT, IIT Delhi shall be at liberty to reject this tender/bid, including the forfeiture of the full said earnest money deposit and we shall not have any claim/right against FITT, IIT Delhi in satisfaction of this condition.
- vi.** I/We confirm that we or our proprietor/Director/Partner have not been blacklisted or debarred or declared ineligible for corrupt/fraudulent practices either indefinitely or for a particular period of time by any Government or other agency. I/we further declare that no criminal case is registered on pending against the firm/company or its owner/partners/directors anywhere in India. Also, there are no contractual restrictions or legal disqualifications or other obligations which prohibit the applicant from entering into tender process.

(Seal & Signature of the bidder)

Annexure 2: Price Schedule form: Price Schedule for Goods Being Offered from India/Abroad must be in INR (Separate forms must be used for all equipment's)

Name of the Bidder/Tenderer:

Name & Model No of offered good:

Tender No.:

S. No.	Details	Price per Unit in INR (Inclusive of all taxes)
1	Ex-works, Ex-warehouse, Ex-showroom off the shelf price (Inclusive of all taxes)	
3	Packing & forwarding up to station of dispatch if any	
4	Charges for inland transportation, insurance to ultimate destination i.e., FITT, IIT Delhi, if any	
5	Installation, Commissioning and training Charges, If any	
6	Warranty Period of 3 years from date of installation.	
7	Any other charges (Please specify)	
Total Price (Sum of S. No 1 to 7) FOR FITT, IIT Delhi		

Total Bid price in Indian currency _____

In words: _____

Name _____

Business Address _____

Note:

- (a) The cost of optional items shall be indicated separately.
- (b) Price should be quoted in the prescribed format only as per above.

Seal & Signature of Bidder

Annexure 3: Price Schedule Form: Price schedule for goods being offered from abroad in currency other than INR.

Name of the Bidder/Tenderer:

Name & Model No of offered good:

Tender No.:

S. No.		Price per unit in (USD)
1.	Total Price for final delivery at R&I park, IIT Delhi	
2.	**Custom charges (please mentioned %)	
3.	Installation, commissioning, and training Charges, if any	
4.	If any other charges (Please Specify)	
5.	Total Price (FOR FITT, IIT Delhi) (Sum of S. No 1 to 4)	

****FITT, IIT-Delhi has DSIR Registration certificate. However, any concession/ discounts will be deducted from the price quoted.**

Total Bid price in foreign currency: _____

In words: _____

(a) Indian agents name & address _____

(b) The cost of optional items shall be indicated separately _____

Seal & Signature of Bidder

Annexure 4: Approved make list, EMD and Quantity of the equipment.

SR. No.	Lab equipment	Quantity	Preferred Make and supplier	EMD (INR)
1.	Gas Chromatography-Mass Spectroscopy for analysis of material samples towards environmental, healthcare, and industrial biotech applications	1	Shimadzu, Japan/ Thermofisher/ Agilent	3,75,000
2.	FPLC basic system – For protein separations (Therapeutic and industrial biotech applications)	1	Cytiva/BioRad	1,75,000
3.	Bioreactor – For Environmental and Industrial Biotech applications, bioprocess developments, circular economy-related work, etc.	1	SPINCO Biotech Chennai/ SM Biotech Pune or BioTree Bengaluru	50,000
4.	-80C Ultra-low Freezer: For storing biological samples, microbial and cellular strains, etc.	1	Eppendorf (Germany)/ Bluestar (India)	50,000
5.	UV-Visible Spectrophotometer – For analysis/ preparatory work for environmental, healthcare, and industrial biotech applications	1	Beckman Coulter India or Shimadzu (Japan)	50,000
6.	Inverted Microscope/Cell imager	1	Nikon/Olympus/ Thermofisher	20,000
7.	Environmental stress tester	1	Remi or Kelviron	25,000
8.	Workstations/Servers with GPUs for <i>in Silico</i> work, modelling and simulations	2	Dell India	25,000

***Note:**

EMD amount would be applicable by the number of items being by a vendor. For example, if vendor bids for Sr. No. 1,3,5, then his EMD will be (3,75,000+50,000+50,000) = 4,75,000 (INR).