

**OFFICE OF THE REGISTRAR : BODOLAND UNIVERSITY**

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F. No- BU/TIC/Engg/2021/01/ 357

date – 06/12/2021

**Notice Inviting Tender**

Sealed Tenders are invited from reputed manufactures/authorized dealers/suppliers for Supply, Installation and Commissioning of Laboratory Instruments at Commercial High Yielding Tissue Culture Centre of Bodoland University. Detailed specification of the items, terms & conditions etc are given below. Last date of submission of Tender with all relevant papers is 27/12/2021 up-to 12:00 noon to be submitted at Tender box of Bodoland University.

The tender should be submitted in one sealed envelope containing two separate envelopes i.e. Part –I TECHNICAL BID and Part –II FINANCIAL BID. The technical bid shall be opened on above mentioned date and time and the financial bid of only those bidders who qualify in technical bid shall be opened on the same date or at a later date which shall be intimated to the tenderer whose technical bid are found to be valid. Detailed specification and any other special features along with company manuals, Demand Draft of EMD & Tender fee should be submitted with their Technical bid. Total approved amount Rs. 18,43,160.00.

The bidders are advised to visit the website [www.bodolanduniversity.ac.in](http://www.bodolanduniversity.ac.in) for download the detail forms.

Tender with complete details and relevant documents along with a Demand Draft for an amount of Rs. 1,000/- as Tender fee (non-refundable) and EMD 2% of total quoted amount (Re-fundable) in the form of bank draft in favour of the Registrar, B.U, Kokrajhar payable at SBI, North Kokrajhar Branch may be submitted to Registrar, Bodoland University, Debargaon, Distt. Kokrajhar (BTC.) Pin-783370 on or before 12.00 noon on 27/12/2021. Security Deposit 8% would be deducted from final bill, which would be released after 180 days of release of final bill. The payment would be released by the University authority, after receiving the fund from BTC authority.

The university authority reserves the right to reject or accept any one or all tender without assigning any reasons thereof.

Registrar

Copy to :-

1. The P.S to the V.C for kind appraisal to him.
2. The Finance Officer, for information.
3. Dr. Sandeep Das, PI, for information.
4. The System Administrator for upload in university website.
5. The Assistant Engineer for information.

Registrar

### List of instruments with specifications:-

| Sl. No | Particulars                     | Specifications  | Qty |
|--------|---------------------------------|---|-----|
| A      | Plant growth Chamber            | 2000L capacity<br>Temperature:10°C to 60°C<br>Humidity range upto 95% RH<br>Controlled through a Digital Temperature & Humidity Indicator<br>Cum Controller Cum Digital Logger<br>Regulated photoperiod system with different lights (LED)  | 1   |
| B      | Laminar air flow cabinet<br>4x3 | <b>Size: 4' x 2' x 2' (M.S. Body Duly Powder Coated.)</b><br><ul style="list-style-type: none"> <li>• WORKING TABLE OF S.S. 304.</li> <li>• HEPA of 0.3 um of an efficiency of 99.97% down to 0.3um.</li> </ul> Materials of working space need to be made of glass fibre& made of pleats back &fro in a anodized Aluminium frame.<br><ul style="list-style-type: none"> <li>• Pre filter (10um) of dry fibre washable type with the frame on all the sides.</li> <li>•To qualify International Standard 209 E.</li> <li>• Statically Balanced motor blower Assembly (Heavy Duty)</li> <li>• Velocity of the output of HEPA to be 90 + 20 FPM</li> <li>• to have ultra-quiet noise level of not more than 65 dBA</li> <li>• Vibration to be very low.</li> <li>• Work area to be properly illuminated by diffused glare free fluorescent light.</li> <li>• Static Pressure Manometer</li> <li>• U. V. Light 1 x 30/15 watts.</li> <li>• Front &amp; Side Door of Acrylic Sheet (Transparent)</li> <li>• Cock for gases or vacuum line.</li> <li>. Gas Burner and plug point inside the work area</li> </ul> | 1   |
| C      | Autoclave                       | <ul style="list-style-type: none"> <li>• made of double Steel Layered inner body SS 304, and Outer body to be made of SS 304.</li> <li>• Variable type of Pressure adjuster.</li> <li>• The chamber need to be leak proof &amp;should be operated at any selected point in between 5 to 22 pound per sq (variable) inch.</li> <li>• provide with safety valve, pressure gauge, pressure release valve, indfosspezostat for pressure setting, S.S. basket &amp; water level indicator with cord &amp; plug With water level Indicator</li> <li>• Digital Temperature and Time controller</li> <li>• Capacity :100 litres</li> <li>• Size: 450x600mm (18"x24")</li> <li>• Wattage: 5 KW</li> </ul>  | 1   |

|   |          |  |   |
|---|----------|--|---|
| D | AC       | <p><b><u>Air Conditioner Split Type with Accessories (2nos)</u></b></p> <ul style="list-style-type: none"> <li>Capacity: 1.5 Ton</li> </ul> <p>Make: Samsung/ Voltas/ Haier/Lloyd</p>  | 2 |
| E | Ozonizer | <p>Stand-Alone type Ozone generator, which produce Ozoneto diffused in the Area.Systemneed to be Timer based and the timer can be set depending uponOzonerequirement.The unitisastandalonetype Of System, to be kept at a convenient height preferablyaround5-6 ftminimum.</p> <p><b><u>TECHNICALSPECIFICATIONSOFOZONEAIRPURIFIER</u></b></p> <ul style="list-style-type: none"> <li>ControlSystem:Microprocessorbased</li> <li>Max.RoomVolume(inft3):2001-3500</li> <li>Operation: ContinuouswithAutoTimermode</li> <li>Typeof Filtration:MicronFilter, Ozone,Ion&amp;OxygenClusters</li> <li>ConstructionDetails</li> <li>FeedGas: NormalRoomAir</li> <li>Principal of Ozone Generation : IGBT CoronaBased</li> <li>BlowerCapacity(inm3/hr):100</li> <li>CoolingofCell:AirCooled</li> <li>PowerSupply Requirement:220-230VAC/50 Hz/1PE/0.35KW</li> <li>EnclosureMOC:MS-PowderCoated</li> </ul> | 1 |
|   |          |  |   |

**Registrar**

## RESPONSE FORM

The form should be typewritten in uppercase (or written in capital letters) and completed clearly and accurately ensuring that all questions are answered. The numbers below correspond to item numbers on the registration form.

### **SECTION 1: COMPANY DETAILS AND GENERAL INFORMATION**

**1. NAME OF COMPANY/INSTITUTION:**

**2. STREET ADDRESS:**

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**3. P.O. BOX and MAILING ADDRESS:**

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**4. TEL NO:** \_\_\_\_\_ **6. E-MAIL ADDRESS:** \_\_\_\_\_

**8. CONTACT NAME AND TITLE:**

**9. PARENT COMPANY (Full legal name):**

**10. SUBSIDIARIES, ASSOCIATES AND/OR OVERSEAS REPRESENTATIVE(S):**  
(Attach list, if necessary)

**11a. NATURE OF BUSINESS (Tick one box only):**

**Manufacturer:**       **Traders:**       **Authorized Agent:**       **Consulting Company:**

**Other (specify):** \_\_\_\_\_

**11b. TYPE OF BUSINESS:**

**Corporate/Limited:**       **Partnership:**       **Government Agency:**       **University:**

**Other (specify):** \_\_\_\_\_

**12. YEAR ESTABLISHED:**

**13. NUMBER OF FULL-TIME EMPLOYEES:**

**14. TRADE LICENCE NUMBER:** \_\_\_\_\_

## TERMS AND CONDITIONS :-

### GENERAL INFORMATION

The tender bids duly complete in all respects, along with the necessary documents should be submitted to the Registrar, Bodoland University. The Technical Bids so received, shall be opened on 27/12/2021 at 12.00 noon in the Office of the Registrar, Bodoland University in the presence of the representatives of the bidders. The Financial bids of the Tenderers shall be opened on the same date or at a later date to be intimated to the tenderers whose Technical Bids are found to be valid. Right to reject any or all Tenders, without assigning any reason thereof is reserved by the authority of Bodoland University.

#### Terms and Conditions of Supply:

1. All the manufacturers/ distributors/ stockists should also give a brief profile about their company and the facilities available with them of the quoted items. Their turnover and important firms/ Government Institutes/ P.S.U.s etc. to which they are supplying quoted items, should also be mentioned.

1. The last date and time for the acceptance of the bids is 27/12/2021 up-to 12:00 noon.
2. Suppliers should submit the following documents along with their quotations:
  - (a) **PAN, GST Registration, ESI certificate, EPF certificate, Labour License, Trade License, Bank balance sheet, experience certificate.**
  - (b) Technical specifications offered by the Supplier.
  - (c) Technical compliance table
  - (d) Technical literature regarding the offered products including diagrams.
3. The rates should be mentioned in the Schedule attached with the Tender Document. Each page of the tender shall be signed in full and stamped with the seal by the supplier. The supplier must clearly state in what capacity he or she is signing the Tender.
4. The supplier shall submit the tender in two envelopes. The first envelope (Technical Bid) shall contain all the documents referred to in above and sealed. The second envelope (Commercial Bid) shall contain the Schedule, in which the supplier shall register the rates of supply. The second envelope shall also, likewise, be sealed. Both the envelope then should be put together, and should be sealed in an envelope on which the cut out slip provided as part of the tender document should be pasted, and should prescribe time and date. The Technical Bid shall be opened first to ensure that suppliers have submitted all the requisite documents. If the Technical Bids are not in order or are deficient in some respect, the commercial bids in respect of such tenders shall not be opened. The date and time of opening the financial bids shall be announced one day after opening all the Technical bids.
5. Supplier should read carefully all the instructions and terms and conditions, etc before registering rates in prescribed schedule of the tender. Taxes and duties etc. should be shown separately.

6. The Technical Documents shall be opened, at 12:30 P.M. on 27/12/2021 or on the next working day if the offices of the University remain closed due to any reason.
7. Technical specifications of the instruments/equipments are given separately.
8. The delivery and installation should be completed within 45 (forty five) days or as specified from placing of the order. No extension shall be granted to the contractors/suppliers for the period of delivery, under any circumstances.
9. If the supplier fails to deliver the article as per the delivery schedule, the University shall be free to procure the balance/undelivered supply, at the risk and cost of the supplier, from other such suppliers.
10. The goods, articles, materials supplied by the supplier shall be accepted after inspection by an officer authorized by the competent authority. No articles/materials which do not conform to the specifications laid down in the terms and conditions or damaged in transit shall be accepted.
11. The bills of the suppliers shall be paid by the University after all the materials/articles/equipments have been received and installed, inspected.
12. Supplier/Vendor must submit Compliance statement in tabular form comparing each specification of the quoted item with that given in the Tender Document
13. The bidder has to install all the required applications provided by the user and also has to provide at least 1 (one) day training to the user including their group.
14. This tender document is not transferable.
15. In the event of any breach of the terms and conditions of the supply, the University may terminate the contract placed with the supplier and forfeit the security deposit of the supplier.
16. The Bidder shall have to be an Original Equipment Manufacturer (OEM) certificate of the products.
17. The bidder should have average annual sales turnover of Rs.20.00 lakh or more during the last three financial years ending 31<sup>st</sup> March, 2021. Attach firm's last 3 years audited profit and loss Account balance sheet duly audited by C.A.
18. The quantity as mentioned may be increased or decreased at the time of placing Order as per requirement.
19. Tenderers are advised to study all technical and commercial aspects, instructions, forms, terms and specifications carefully in the tender document. Failure to furnish all information required in the Tender Document or submission of a bid not substantially responsive to the Tender document in every respect will be at the tenderer's risk and may result in the rejection of the bid.

**20. If the Supplier/Firm could not meet up the standard of the work or not up to the satisfaction of the authority, the authority would not liable to release the payment for partially or whole of the work, as desired, whose decision would be the final. The Supplier/Firm should be bound to accept the decision without any claim thereof.**

21. Note:

(a) Tenderers are advised to read carefully the Terms and Conditions of supply before recording the rates in this Schedule. The bidders should sign the all pages of the tender documents as well as relevant documents and should submit the same in the technical bid.

(b) No erasures or overwriting shall be allowed, unless they are authenticated under the full signature and the seal of the tenderer.

(c) The University reserves the right to:

(i) Accept/reject any/all tenders without assigning any reason thereof.

(ii) Revise the quantities at the time of placing the order without change in the rate quoted by the bidder.

(iii) Add/modify/relax or waive any of the conditions stipulated in the tender document whenever deemed necessary.

(iv) Award the contract to one or more tenderers for the items covered by the tender.

**CERTIFICATION:**

I, the undersigned, warrant that the information provided in this form is correct and, in the event of changes, details will be provided as soon as possible:

Name \_\_\_\_\_

Functional Title \_\_\_\_\_

## **Declaration**

1. I declare that all the terms and conditions stated in the Notice Inviting Tender are acceptable to me/us and I/We shall abide by the same in case the contract is awarded to me/us.
2. I also declare that the specification given would strictly be maintained by me/us.
3. I/we understand that non-fulfillment and/or partly fulfillment of specification as made is liable for penalty as deemed fit and necessary by the University authority.
4. All the particulars furnished by me/us in the bid are true to the best of my/our knowledge.
5. I/We will also abide by the conditions that should be stipulated during the period of contract.
6. The decision of the authority will be accepted by me/us during and after the bid evaluation process, without any assigning reason thereof.

Date:

(Signature of the Bidder)

Name:

Place:

Contact Number:

Address:



Financial Bid:-

| Sl. No | Particulars                  | Specifications   | Qty | Rate | Amount in Rs. Including all taxex |
|--------|------------------------------|--|-----|------|-----------------------------------|
| A      | Plant growth Chamber         | 2000L capacity<br>Temperature:10°C to 60°C<br>Humidity range upto 95% RH<br>Controlled through a Digital Temperature & Humidity Indicator Cum Controller Cum Digital Logger<br>Regulated photoperiod system with different lights (LED)  | 1   |      |                                   |
| B      | Laminar air flow cabinet 4x3 | <p><b><u>Size: 4' x 2' x 2' (M.S. Body Duly Powder Coated.)</u></b></p> <ul style="list-style-type: none"> <li>• WORKING TABLE OF S.S. 304.</li> <li>• HEPA of 0.3 um of an efficiency of 99.97% down to 0.3um. Materials of working space need to be made of glass fibre&amp; made of pleats back &amp;fro in a anodized Aluminium frame.</li> <li>• Pre filter (10um) of dry fibre washable type with the frame on all the sides.</li> <li>•To qualify International Standard 209 E.</li> <li>• Statically Balanced motor blower Assembly (Heavy Duty)</li> <li>• Velocity of the output of HEPA to be 90 + 20 FPM</li> <li>• to have ultra-quiet noise level of not more than 65 dBA</li> <li>• Vibration to be very low.</li> <li>• Work area to be properly illuminated by diffused glare free fluorescent light.</li> <li>• Static Pressure Manometer</li> <li>• U. V. Light 1 x 30/15 watts.</li> <li>• Front &amp; Side Door of Acrylic Sheet (Transparent)</li> <li>• Cock for gases or vacuum line.</li> </ul> | 1   |      |                                   |

|   |           |   |   |  |  |
|---|-----------|---|---|--|--|
|   |           | . Gas Burner and plug point inside the work area  |   |  |  |
| C | Autoclave | <ul style="list-style-type: none"> <li>• made of double Steel Layered inner body SS 304, and Outer body to be made of SS 304.</li> <li>• Variable type of Pressure adjuster.</li> <li>• The chamber need to be leak proof &amp; should be operated at any selected point in between 5 to 22 pound per sq (variable) inch.</li> <li>• provide with safety valve, pressure gauge, pressure release valve, indfospiezostat for pressure setting, S.S. basket &amp; water level indicator with cord &amp; plug With water level Indicator</li> <li>• Digital Temperature and Time controller</li> <li>• Capacity :100 litres</li> <li>• Size: 450x600mm (18"x24")</li> <li>• Wattage: 5 KW</li> </ul> | 1 |  |  |

|   |          |   |   |  |  |
|---|----------|---|---|--|--|
| D | AC       | <u><b>Air Conditioner Split Type with Accessories (2nos)</b></u> <ul style="list-style-type: none"> <li>• Capacity: 1.5 Ton</li> </ul> Make: Samsung/ Voltas/ Haier/Lloyd | 2 |  |  |
| E | Ozonizer | Stand-Alone type Ozone generator, which produce Ozoneto diffused in the Area.Systemneed to be Timer based and the timer can be set depending uponOzonerequireme           | 1 |  |  |

|  |  |   |  |  |           |
|--|--|---|--|--|-----------|
|  |  | <p>nt.The unit is a stand alone type Of System, to be kept at a convenient height preferably around 5-6 ft minimum.</p> <p><b><u>TECHNICAL SPECIFICATIONS OF OZONE AIR PURIFIER</u></b></p> <ul style="list-style-type: none"> <li>• Control System: Microprocessor based</li> <li>• Max. Room Volume (in ft<sup>3</sup>): 2001-3500</li> <li>• Operation: Continuous with Auto Timer mode</li> <li>• Type of Filtration: Micro Filter, Ozone, Ion &amp; Oxygen Clusters</li> <li>• Construction Details</li> <li>• Feed Gas: Normal Room Air</li> <li>• Principal of Ozone Generation : IGBT Corona Based</li> <li>• Blower Capacity (in m<sup>3</sup>/hr): 100</li> <li>• Cooling of Cell: Air Cooled</li> <li>• Power Supply Requirement: 220-230 VAC/50 Hz/1 PE/0.35 KW</li> <li>• Enclosure MOC: MS-Powder Coated</li> </ul> |  |  |           |
|  |  |   |  |  | Total Rs. |

Seal and Signature of bidder