

OFFICE OF THE REGISTRAR : BODOLAND UNIVERSITY

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F. No – BU/TIC/Eng/2021/01/part – II/ 2376

date - 18/10/2023

Notice Inviting Tender

Sealed Tenders are invited from reputed manufactures/authorized dealers/suppliers for Supply, Installation and Commissioning of laboratory equipments, repairing and chemicals at Commercial Tissue Culture Centre project 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 09/11/2023 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 bidder whose technical bid are found to be valid. Detailed specification and any other special features along with company manuals, receipt of Tender fee deposited should be submitted with their Technical bid. Tentative cost is Rs. 18.04 lakh only.

The bidders are advised to visit the website www.buniv.edu.in for download the detail forms.

The tender fee for an amount of Rs. 3,000/- (non-refundable) should be deposited in the Bodoland University Account No. 31607155480, IFSC Code- SBIN0007379 by online mode. The receipts of the tender/EOI fee deposited should be submitted along with the technical bid. In case, if any Bandh/Holiday falls in any respect/sequence, the sequence will be held in the next working day.

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

Registrar
Bodoland University

Copy to :-

1. The P.S to the V.C for kind appraisal to him.
2. The Finance Officer, i/c, for information.
3. Prof. Sandeep Das, P.I. CTCC Project for information.
4. The System Administrator for upload in university website.

Registrar
Bodoland University

A. Details specifications:-

Sl. No	Particulars	Specification	Quantity
01	UV Sensor for Short wave UV(254 nm) and Long wave UV(365 nm)	Monochromatic bandwidth for short wave and Bandwidth: 355 to 375 nm for long wave	2 no.
		Display of UV intensity in mW/cm ² (min and max)	
		Display of energy in Joules/cm ² and running time	
		USB port for data output	
		Sensor accuracy: +/- 5%	
		Linearity : +/- 0.5%	
02	Chowmein Steamer	Steaming Pan fabricated from 304 type stainless steel sheet	1 no.
		Electrically operatable and easy to handle	
		Electrical heater of 10-15 KW load.	
		Hanging Rods	
		Dimension approx: 60"x 30" x 20".	
03	Dehumidifier	Condensate Capacity (At 30°C, 80% RH): 50-60 litres/Day	2 no.
		Automatic humidity control	
		Working Temperature: Min. 4-5 Deg. C Max. 27-38 Deg. C	
		Power Supply (Single Phase) 220-240 VAC/50 Hz	
		Capacity of Water Tank (Bucket Capacity of Drain): 8-10 Liters.	
		Filter: G2 Grade, Washable / Cleanable by water & air	
		LCD Display Room Temp. (Present Humidity, Required Humidity, warning signal, Fan speed)	
		Auto shut off when the tank is full.	
		Castor (Wheels) for easy movable	
		Quality/Safety Approval	
04	AC with stabilizer	AC Capacity: 1.5 Tons	2 no. each
		Stabilizer working range of 90 V to 280 V.	
		Maximum Output Voltage Restricted up to 240 V	
		Time-delay and Wall Mounting system	
		Smart Digital Display	
		Low & High Voltage Cut-off Protection	

05	Incubator Shaker	Variable speed and Digital temperature Controller Temp range (+5 to 50 Deg C).	1 no.
		Full view inner glass door permits inspection of specimens, without disturbing the same.	
		Unit provided with illumination lamp inside the chamber.	
		Air Circulating fan for Uniform Temperature.	
		Flask capacity: 9 flasks of 250 ml OR Mix.	
06	Pallet jack	Hydraulic Pallet jack	1 no.
		Capacity 2500 kg	
		Outer to outer 53-55 cm	
07	Humidifier	Humidity up to 95% RH. Capacity 5-7L	5 no.
08	Humidifier & Controller (ultrasonic & normal)	Humidity up to 95% RH. Capacity 5-7L	5 no.
		Controller with Automatic Timer & Humidistat for controlling Humidity	
09	Fogger	Compact design and low weight with greater efficiency	1 no.
		Pre-fitted with a liquid flow control valve to control Fog output.	
		Tank Capacity Approx.: 5-6 Liter of chemical storage.	
		Supplied with Timer for Fumigation & Sanitization.	
10	Grass Cutter	U-Handle Type	1 no.
		Operating Weight: 8-10 Kg (Approx.)	
		Speed: 6000-7000 rpm	
		Ease Start & Less Noise & Vibration	
		Suitable for tough, sloppy and rugged terrains	
		Special heat treated bearing for long and heavy duty usage	
		Double Belt Comfortable Padded Harness	
11	Generator	Maximum Output 7-7.5 kva	1 no.
		Operating hour 6-7 hours	
		Air Cleaner Dual type	
		Fuel Tank Capacity (L) 19-20	
		Oil Capacity 1- 1.5 Liter	

12	Repairing of Equipment	-Misc Lab Equipment, Stabilizer, UPS, Heating and Cooling instruments, AC maintenance etc	1 no
13	Consumables	Cotton Rolls Gloves Syringe 5 ml Syringe 10ml Glass Syringe 20ul Face Mask Syringe Filter 0.22ul Beaker 1000ml Beaker 100ml Conical Flask 1000ml Measuring Cylinder 1000ml (PP) Measuring Cylinder 100ml (PP) Micropipette Tips 10 ul Micropipette Tips 200 ul Absolute Alcohol 450 ml Aluminum Foil Tissue Roll Scalpel and Forceps	50 Nos 10 Box 500 Nos 500 Nos 5 nos 5 Box 100 Nos 5 Nos 5 Nos 5 Nos 2 Nos 2 Nos 10 Packets 5 Packets 100 Bottle 50 Nos 100 Nos 1 Set
14	Spare Parts	Relay for Incubators, Heating element of Autoclave, Compressor etc	
16	Voltage Stabilizer Servo Air Cooled	100 KVA Voltage Stabilizer (3 Phase In and 3 Phase Out) Input Voltage 260-465 and output Voltage 415V	

B. Chemicals:-

17	Chemicals	Quantity
1.	MS medium containing Benzylaminopurine (BAP)	50gm
2.	MS medium supplemented with Indole butyric acid (IBA)	50gm
3.	MS medium supplemented with Napthalene acetic acid (NAA)	50gm
4.	Kinetin	10gm
5.	Carbendazim	10gm
6.	<u>Ampicillin Sodium Salt</u>	25gm
7.	HgCl ₂	250gm
8.	Chloramphenicol	25gm
9.	Sodium hypochlorite	1L
10	Ascorbic acid	100gm
11	Sucrose	1kg
12	Agar	500gm x5
13	Benzylaminopurine (BAP)	10gm
14	Indole butyric acid (IBA)	25gm
15	Napthalene acetic acid (NAA)	50gm
16	Thidiazuron	1gm
17	Citric acid solution	500gm
18	MS Medium containing sucrose and gelled with Diffcobacto agar.	5lt
19	Charcoal alone	250gm
20	Cefotaxime	1pk
21	Benzyl adenine	10gm
22	Gibberellic acid	10gm
23	Auxin	25gm
24	Cytokinin hormones	25gm
25	Knudson C Modified Orchid Medium	5lt x2
26	VW medium	5lt x2
27	MS medium	5lt x2
28	Nitsch Medium	5lt x2
29	Mitra Orchid Medium	5lt x2
30	Biotin	5gm
31	Pyrodoxin	25gm
32	Glycine	250gm
33	Zeatin	250mg
34	<u>Plant Preservative Mixture-PPMTM</u>	500ml
35	Labolene	5lt x2
36	Ammonium nitrate	500g
37	Potassium nitrate	500g
38	Calcium nitrate	500g

39	Manganese sulphate	100g
40	Pyrodoxine HCl	100g
41	Nicotonic Acid	1g
42	Thiamine HCl	1g
43	Potassium Iodide	100g
44	Boric Acid	500g
45	Copper Sulphate	500g
46	Myo inositol	500g
47	NiSO ₄	500g
48	Cobalt Chloride	500g
49	Zinc Nitrate	500g

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:

3. P.O. BOX and MAILING ADDRESS:

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 09/11/2023 at 12.00 noon in the Office of the Registrar, Bodoland University in the presence of the representatives of the bidders. The Financial bid of the Bidders shall be opened on the same date or at a later date to be intimated to the bidders 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 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. 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 09/11/2023 up-to 12:00 noon.
2. Suppliers should be submitted the following documents along with their quotations:

a. Technical Bid:

Cover-I

- (a) Unconditional Covering Letter,
- (b) The contractor's experience of successful execution of similar works having value mentioned in the N.I.T. The details of work order and work completion certificate from the executing officers may be furnished for establishing eligibility.
- (c) **PAN, GST Registration, Trade License, Bank balance sheet, experience certificate Income Tax Clearance Certificate, GST Registration Certificates etc.**
- (d) Tender documents.
- (e) Tender fee deposited receipt.
- (f) Non black listed certificate in stamp paper.

b. Financial Bid : The Tender document with Bill of Quantities, duly priced and the **Cover-II** enclosed set of Tender Drawings duly signed.

- (c) Technical specifications offered by the Supplier.
- (d) Technical compliance table
- (e) 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 09/11/2023 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.10.00 lakh or more during the last three financial years ending 31st March, 2023. 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. Bidders 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 bidder'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 during execution and supply, 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. The payment of bill against the supply work would be paid directly to the concerned firm by the BTC, Government or by the University, if the fund would be deposited by the BTC to the University. The University shall not be responsible in any manner for the payment against bill by the BTC, Kokrajhar. The Supplier/Contractor/Firm should be bound to accept the decision without any claim thereof.
22. Any dispute between the Parties on matters concern shall be resolved by mutual discussion and legal recourse shall be only as last resort, in which case the matter shall be submitted for Arbitration subject to Kokrajhar Jurisdiction only.
23. Note:
 1. (a) Bidders are advised to read carefully the Terms and Conditions of supply before recording the rates in this Schedule. Bidder should sign all the relevant documents along with Tender documents and should be submitted with the technical bid. Before submission of the Tender, Bidder shall sign each page of the tender form/document and all of its relevant papers with date. The additional alternative and or subtractive clause (if any) shall also to be signed by the bidder, otherwise Bid documents may be treated as cancelled.

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

(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 bidders for the items covered by the tender.

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.
7. The payment of bill against the supply work would be paid directly to the concerned firm by the NEC, Government of India or by the University, if the fund would be deposited by the NEC to the University. The University shall not be responsible in any manner for the payment against bill by the NEC, Govt. of India. The Supplier/Contractor/Firm should be bound to accept the decision without any claim thereof.

Date:

(Signature of the Bidder)

Name:

Place:

Contact Number:

Address:

Financial bid-

Specification should be as stipulated in technical part

A.

Sl. No	Particulars	Specification	Quantity	Rate	Amount including all taxes
01	UV Sensor for Short wave UV(254 nm) and Long wave UV(365 nm)	Monochromatic bandwidth for short wave and Bandwidth: 355 to 375 nm for long wave	2 no.		
		Display of UV intensity in mW/cm ² (min and max)			
		Display of energy in Joules/cm ² and running time			
		USB port for data output			
		Sensor accuracy: +/- 5%			
		Linearity : +/- 0.5%			
02	Chowmein Steamer	Steaming Pan fabricated from 304 type stainless steel sheet	1 no.		
		Electrically operatable and easy to handle			
		Electrical heater of 10-15 KW load.			
		Hanging Rods			
		Dimension approx: 60"x 30" x 20".			
03	Dehumidifier	Condensate Capacity (At 30°C, 80% RH): 50-60 litres/Day	2 no.		
		Automatic humidity control			
		Working Temperature: Min. 4-5 Deg. C Max. 27-38 Deg. C			
		Power Supply (Single Phase) 220-240 VAC/50 Hz			
		Capacity of Water Tank (Bucket Capacity of Drain): 8-10 Liters.			
		Filter: G2 Grade, Washable / Cleanable by water & air			
		LCD Display Room Temp. (Present Humidity, Required Humidity, warning signal, Fan speed)			
		Auto shut off when the tank is full.			
		Castor (Wheels) for easy movable			
		Quality/Safety Approval			

04	AC with stabilizer	AC Capacity: 1.5 Tons	2 no. each		
		Stabilizer working range of 90 V to 280 V.			
		Maximum Output Voltage Restricted up to 240 V			
		Time-delay and Wall Mounting system			
		Smart Digital Display			
		Low & High Voltage Cut-off Protection			
05	Incubator Shaker	Variable speed and Digital temperature Controller Temp range (+5 to 50 Deg C).	1 no.		
		Full view inner glass door permits inspection of specimens, without disturbing the same.			
		Unit provided with illumination lamp inside the chamber.			
		Air Circulating fan for Uniform Temperature.			
		Flask capacity: 9 flasks of 250 ml OR Mix.			
06	Pallet jack	Hydraulic Pallet jack	1 no.		
		Capacity 2500 kg			
		Outer to outer 53-55 cm			
07	Humidifier	Humidity up to 95% RH. Capacity 5-7L	5 no.		
08	Humidifier & Controller (ultrasonic & normal)	Humidity up to 95% RH. Capacity 5-7L	5 no.		
		Controller with Automatic Timer & Humidistat for controlling Humidity			
09	Fogger	Compact design and low weight with greater efficiency	1 no.		
		Pre-fitted with a liquid flow control valve to control Fog output.			
		Tank Capacity Approx.: 5-6 Liter of chemical storage.			
		Supplied with Timer for Fumigation & Sanitization.			

10	Grass Cutter	U-Handle Type	1 no.		
		Operating Weight: 8-10 Kg (Approx.)			
		Speed: 6000-7000 rpm			
		Ease Start & Less Noise & Vibration			
		Suitable for tough, sloppy and rugged terrains			
		Special heat treated bearing for long and heavy duty usage			
		Double Belt Comfortable Padded Harness			
11	Generator	Maximum Output 7-7.5 kva	1 no.		
		Operating hour 6-7 hours			
		Air Cleaner Dual type			
		Fuel Tank Capacity (L) 19-20			
		Oil Capacity 1- 1.5 Liter			
12	Repairing of Equipment	-Misc Lab Equipment, Stabilizer, UPS, Heating and Cooling instruments, AC maintenance etc	1 no		
13	Consumables	Cotton Rolls	50 Nos		
		Gloves	10 Box		
		Syringe 5 ml	500 Nos		
		Syringe 10ml	500 Nos		
		Glass Syringe 20ul	5 nos		
		Face Mask	5 Box		
		Syringe Filter 0.22ul	100 Nos		
		Beaker 1000ml	5 Nos		
		Beaker 100ml	5 Nos		
		Conical Flask 1000ml	5 Nos		
		Measuring Cylinder 1000ml (PP)	2 Nos		
		Measuring Cylinder 100ml (PP)	2 Nos		
			10		
		Micropipette Tips 10 ul	Packets		

		Micropipette Tips 200 ul Absolute Alcohol 450 ml Aluminum Foil Tissue Roll Scalpel and Forceps	5 Packets 100 Bottle 50 Nos 100 Nos 1 Set		
14	Spare Parts	Relay for Incubators, Heating element of Autoclave, Compressor etc			
16	Voltage Stabilizer Servo Air Cooled	100 KVA Voltage Stabilizer (3 Phase In and 3 Phase Out) Input Voltage 260-465 and output Voltage 415V			
			Total Rs.		

B.

Sl. No	Chemicals	Volume	Quantity	Rate	Amount including all taxes
1	MS medium containing Benzylaminopurine (BAP)	50gm	1		
2	MS medium supplemented with Indole butyric acid (IBA)	50gm	1		
3	MS medium supplemented with Naphthalene acetic acid (NAA)	50gm	1		
4	Kinetin	10gm	1		
5	Carbendazim	10gm	1		
6	<u>Ampicillin Sodium Salt</u>	25gm	1		
7	HgCl ₂	250gm	1		
8	Chloramphenicol	25gm	1		
9	Sodium hypochlorite	1L	1		
10	Ascorbic acid	100gm	1		
11	Sucrose	1kg	1		
12	Agar	500gm x5	1		
13	Benzylaminopurine (BAP)	10gm	1		
14	Indole butyric acid (IBA)	25gm	1		
15	Naphthalene acetic acid (NAA)	50gm	1		
16	Thidiazuron	1gm	1		
17	Citric acid solution	500gm	1		
18	MS Medium containing	5lt	1		

	sucrose and gelled with Diffcobacto agar.				
19	Charcoal alone	250gm	1		
20	Cefotaxime	1pk	1		
21	Benzyl adenine	10gm	1		
22	Gibberellic acid	10gm	1		
23	Auxin	25gm	1		
24	Cytokinin hormones	25gm	1		
25	Knudson C Modified Orchid Medium	5lt x2	1		
26	VW medium	5lt x2	1		
27	MS medium	5lt x2	1		
28	Nitsch Medium	5lt x2	1		
29	Mitra Orchid Medium	5lt x2	1		
30	Biotin	5gm	1		
31	Pyrodoxin	25gm	1		
32	Glycine	250gm	1		
33	Zeatin	250mg	1		
34	Plant Preservative Mixture-PPM™	500ml	1		
35	Labolene	5lt x2	1		
36	Ammonium nitrate	500g	1		
37	Potassium nitrate	500g	1		
38	Calcium nitrate	500g	1		
39	Manganese sulphate	100g	1		

40	Pyrodoxine HCl	100g	1		
41	Nicotonic Acid	1g	1		
42	Thiamine HCl	1g	1		
43	Potassium Iodide	100g	1		
44	Boric Acid	500g	1		
45	Copper Sulphate	500g	1		
46	Myo inositol	500g	1		
47	NiSO ₄	500g	1		
48	Cobalt Chloride	500g	1		
49	Zinc Nitrate	500g	1		
			Total Rs.		

Signature of supplier with seal