

UNIVERSITY OF NORTH BENGAL

Office of the Registrar



সমানোমন্ত্র: সমিতি: সমানী

Notice inviting e-Tender

Following e-Tenders are invited from reputed Vendors, for details please visit <https://wbtenders.gov.in>

SL.NO.	NIT NO.	TENDER ID
1.	49/R-2023	2023_DHE_609873_1
2.	50/R-2023	2023_DHE_611147_1
3.	51/R-2023	2023_DHE_611203_1
4.	52/R-2023	2023_DHE_611236_1

Registrar (Offg.)

University of North Bengal



P.O. Raja Rammohunpur
Dist Darjeeling
Pin 734013

Notice Inviting e-Tender- 52/R-2023

e-Tenders are invited from reputed Vendors for supply and installation of the equipment's in the Department of Botany, University of North Bengal, Rajarammohunpur Campus. For details please visit <https://wbtenders.gov.in>

Sl. No.	Item	Earnest Money	Completion Time
1.	As Per Annexure-I	20,000/-	15 days

TERMS AND CONDITIONS :

- 1) The base price and GST shall be shown separately
- 2) Taxes will be deducted at source as per prevailing rules of Central and State Government.
- 3) The terms and conditions of payment shall be declared clearly.
- 4) Copy of current year Trade License, PAN card, GST registration certificate shall be accompanied with the technical bid documents. [Non Statutory Documents]
- 5) The vendor shall submit authorization certificate from OEM along with the technical bid.(Non Statutory documents).
- 6) The vendor shall provide Company details as per Annexure-II.
- 7) The vendor shall have credential of supply of similar equipments in any University / institution / Govt. Organization. Copy of credential certificate shall be submitted along with technical bid (Non Statutory documents).
- 8) The vendor shall clearly state the pre-installation requirements and take all responsibilities to arrange the same.
- 9) The equipment shall carry minimum 3 (Three) year on site warranty from the date of installation.

- 10) The service engineer shall attend the call within 24 hrs for trouble shooting to be done on no wait basis.
- 11) The successful tenderer shall complete the installation of the equipment within 7 (seven) days from the date of issuance of the supply order.
- 12) A sum of Rs.20,000/- shall be deposited to the under noted account of the University through RTGS as earnest money and the copy of receipt challan of RTGS with UTR number shall be accompanied with the technical bid document (Statutory Documents) failing which the tender paper will be treated as cancelled. The earnest money of the unsuccessful quotationer(s) will be refunded without interest after one month of the opening of tender paper and the same of the successful candidate will be refunded without interest after three months of the satisfactory installation of the equipment subject to redressal of complaint, if any.

Name of the A/c: N.B.U (S/B).
Account Number: 10195736768
IFSC Code: SBIN0002096

- 13) The University authority reserves the right to accept or reject any/all quotations.
- 14) The quotation should be valid for at least 90 (ninety) days.
- 15) The brochure /catalogue of the equipment shall accompany the technical bid documents (Non Statutory documents).
- 16) Selection of the agency will be made on the basis of both technical and financial bids. Technical bids and financial bids shall be submitted by online only. Offline submission of tender paper will not be accepted.
- 17) 92% of the total order value shall be released after the successful installation / commissioning of the equipment against the submission of the test report duly certified by the concerned authority. The remaining 8% of the bill value shall be deducted and kept aside as security deposit which will be paid after 3(three) months from the date of satisfactory installation, subject redress of complaints, if any
- 18) The last date of submission of tender form is upto 08.12.2023 at 10.55 a.m. and to be opened on 14.12.2023at 11.05 a.m.
- 19) The tenderers may remain present at the opening of tender.
- 20) All cases of disputes not covered under the terms & conditions of Tender will be referred to the Vice-Chancellor for a decision which shall be final and binding on both the parties.
- 21) For any clarification regarding tender please contact with Dr. Swarnendu Roy, Department of Botany (Mobile no. 9474514100) email Id- swarnendubotany@nbu.ac.in University of North Bengal.

22) Date & Time Schedule

SINO	Particulars	Date & Time
1	Publishing of Tender	30.11.2023
2	Documents download/sell start date (Online)	30.11.2023 AT 6.00 P.M.
3	Bid submission StartDate	30.11.2023 FROM 6.00 P.M.
4	Bid Submission EndDate	08.12.2023 UPTO 10.55 A.M.
5	Technical BidOpening	14.12.2023 AT 11.05 A.M.
6	Offline Submission	NO OFFLINE SUBMISSION ACCEPTED
7	Financial BidOpening	To benotified

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BIDDERS DETAILS**(To be provided on company letter head)**

NIT NO.:

TENDER ID:

1	NAME OF THE BIDDER	
2.	ADDRESS	
3.	CONTACT NUMBER	
4.	CONTACT PERSON	
4.	EMAIL ID	
5.	BANK DETAILS A/c Name A/c Number Name of the Bank Name of the Branch IFSC	

Authorized Signatory(with seal & Stamps)

SPECIFICATION OF THE EQUIPMENTS

Double Beam UV-Vis Spectrophotometer

Pre-requisites:

- Imported and Renowned Brand with International Recognition.
- The Instrument should be of the current manufacturing year.
- The quotation should be valid up to 31st March 2024.
- 3 Years onsite warranty.
- Free installation and demonstration at the Plant Biochemistry Laboratory, Department of Botany, NBU.

Specifications:

- Double beam, Czerny-Turner optical system with reference cell position
- Xenon flash lamp
- Dual silicon photodiode detectors
- Wavelength Measurement Range: 190 - 1100nm
- Wavelength Accuracy: $\pm 0.5\text{nm}$
- Wavelength Repeatability: $< \pm 0.2\text{nm}$
- Data interval when scanning: 0.1, 0.2, 0.5, 1, 2, 5 nm
- Scan speeds: Slow, Medium & Fast - up to 1600nm/min
- Photometric Display Range: -3A to +5A
- Photometric Linear Range: -2A to +3.5A
- Photometric accuracy: $\pm 0.002\text{A}$ at 0.5A. $\pm 0.004\text{A}$ at 1A. $\pm 0.008\text{A}$ at 2A
- Spectral bandwidth: = 2nm
- Noise: $\leq 0.0002\text{A}$ at 0A; $\leq 0.0003\text{A}$ at 1A; $\leq 0.0004\text{A}$ at 2A @ 260nm and 500nm
- Drift: $< 0.0005\text{A/hr}$
- Stray light @198nm $< 1.0\%T$; @220nm $< 0.05\%T$; 340nm $< 0.03\%T$
- Baseline Flatness: $\pm 0.002\text{A}$
- Removable, washable sample compartment
- Easy-access top-and-front sample compartment lid
- 7 inch/17.8cm High Definition Color Touch panel display
- 8 Position rotary changer with room light resistance

Accessories:

- All power cords, cables, software, and attachments are to be provided.
- **Two pairs of quartz cuvettes and one pair of nano cuvette.**
- Suitable PC with the following specifications - Latest desktop branded suitable for the above system with Intel i5 processor, 8 GB RAM, 512 GB SSD, 24" LCD Flat Panel Monitor, Keyboard, Mouse, USB, Interface Ports, Ethernet Network Port, Latest Windows 11 OS etc; **along with suitable UPS (Make & Model of the PC offered to be mentioned clearly).**

Digital Muffle Furnace

Pre-requisites:

- Renowned and Reputed Brand.
- The Instrument should be of the current manufacturing year.
- The quotation should be valid up to 31st March 2024.
- 3 Years onsite warranty.
- Free installation and demonstration at the Plant Biochemistry Laboratory, Department of Botany, NBU.

Specifications:

- GMP model
- Dimension: At least 360x480x540 mm
- Inner Dimension: At least 150x150x250 mm
- Maximum Temperature: 1200°C
- Working Temperature: 950°C
- Thermal Rate: 5°C/min-15°C/min
- Temperature Accuracy: $\pm 2^\circ\text{C}$
- Amperage (Imax): 6.6 A
- Heating Program: Direct/ two step
- Net Weight (kg): 38 kg
- gross Weight (kg): 52 kg
- Maximum Power: 1450 W
- Power Supply: 220V / 50Hz

Accessories:

- All power cords, cables, and attachments are to be provided.
- **Suitable crucible set (2 pairs) with thongs.**

Flame Photometer

Pre-requisites:

- Renowned and Reputed Brand.
- The Instrument should be of the current manufacturing year.
- The quotation should be valid up to 31st March 2024.
- 3 Years onsite warranty.

- Free installation and demonstration at the Plant Biochemistry Laboratory, Department of Botany, NBU.

Specifications:

- Interference filters: **Na, K & Ca Filter**
- **Coloured touch screen**
- Reproducibility: Low conc.: $\pm 1\%$ f.s., High conc.: $\pm 2\%$ f.s.
- Minimum Sample: 3ml/element approx
- Averaging time: 2-10 \pm 5 seconds
- Operating air pressure: 0.45kg/cm²
- **Curve calibration programmability using standards**
- Air compressor: CE certified, Built in air regulator and airfilter to deliver stable and moisture/oil-free air supply with pressure of 1kg/cm²
- Fuel gas: LPG
- RS-232 port: PC link data transfer
- Memory: Storage of 700 results
- Alphanumeric Graphics LCD (240X 128 dots)
- Microcontroller, Auto Ignition, Gas leak sensor, Auto Gas cut off, Pass word protection.
- Separate logging for Guest and administrator
- Quadratic curve fitting, RTC, High quality compressor
- Software for PC connection.
- Na⁺ minimum concentration without dilution 2 PPM and 0 -200 meq/l with 1:100 dilution
- Ca measurement upto 250 meq/L with 1:100 dilution
- Bandwidth 10nm
- Curve fitting accuracy $\pm 2\%$ F.S
- Product must be CE certified and Company should bear ISO
- Gas regulator must be supplied.
- Power: 230V \pm 10 %, 50 Hz

Accessories:

- All power cords, cables, and attachments are to be provided.
- **Gas lighter, air and gas tube.**

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