UNIVERSITY OF NORTH BENGAL

Office of the Registrar

समानोमन्त्रः समितिः समानी

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.	21/R-2024	2024_DHE_696761_1
2.	22/R-2024	2024_DHE_696779_1
3.	23/R-2024	2024_DHE_696805_1

Registrar (Offg.)

University of North Bengal

P.O. Raja Rammohunpur
Dist Darjeeling
Pin 734013

Notice Inviting e-Tender- 22/R-2024

e-Tenders are invited from reputed Vendors for supply and installation of the equipments in the Department of Chemistry ,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 05.07.2024 12.30 P.M**. and to be opened on **08.07.2024 AT 12.30 P.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. Kinkar Biswas ,Department of Chemistry (Mobile no. **9647112215**) email Id- **kinkar.chem@nbu.ac.in** University of North Bengal.

22) Date & Time Schedule

SlNO	Particulars	Date &Time
1	Publishing ofTender	**20.06.2024FROM 6.00 P.M**
2	Documents download/sell start date (Online)	**20.06.2024FROM 6.00 P.M.**
3	Bid submission StartDate	**20.06.2024FROM 6.00 P.M.**
4	Bid Submission EndDate	**05.07.2024UPTO 11.00 P.M.**
5	Technical BidOpening	**08.07.2024AT 12.30 P.M.**
6	Offline Submission	**NO OFFLINE SUBMISSION ACCEPTED**
7	Financial BidOpening	**To benotified**

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ANNEXURE-II

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)

Annexure-I

Generalized Specifications for Double Beam UV VIS Spectrophotometer

Microprocessor based UV-VIS Spectrophotometer with high resolution touchscreen display, for operation on 220V/50Hz.

- Stand-alone operation as well as complete control through PC with PC software supplied as standard
- True double beam optics with aberration corrected concave blazed holographic grating in Czerny – Turner mounting for high energy throughput and high quality monochromatic light
- Wide wavelength ranges of 1,100 nm to 190 nm
- High resolution 1 nm spectral bandwidth over entire wavelength range
- Wavelength setting and display in steps of 0.1nm

Wavelength accuracy of ± 0.05 nm at D2 peak 656.1 nm, and ± 0.3 nm for entire range

- Wavelength repeatability of $\pm$ 0.1nm
- Wavelength Slew rate: approx. 29,000 nm/min
- Variable wavelength scanning speed: ≥ 3,000 nm/min to 2 nm/min
  29,000 nm/min when survey scanning

Ultra low stray light of <Less than 0.02% at 220 nm (NaI)
Less than 0.01% at 340 nm ($NaNO_2$)
Less than 0.5% at 198 nm (KCl)

- Wide Photometric range of -4 to +4 Abs and 0 to 400 %T
- High Photometric Accuracy of ± 0.002 Abs at 0.5 Abs
  ± 0.0025 Abs at 1.0 Abs
  ± 0.006 Abs at 2.0 Abs
  (measured using NIST930D/NIST1930 or equivalent.)
- High Photometric Repeatability of Less than
  Less than ± 0.0001 Abs at 0.5 Abs
  Less than ± 0.0001 Abs at 1 Abs
  Less than ± 0.0005 Abs at 2 Abs
- Baseline stability: < 0.0003 Abs/Hr (700 nm, one hour after light source turned ON)
- Baseline flatness: < ± 0.0006 Abs (1100 to 190 nm, one hour after light source turned ON)
- Ultra low Photometric noise of < 0.00005 Abs (700 nm)
- Noise level: Less than 0.00003 Abs (700 nm)
- Dual source – high intensity Tungsten-Halogen and Deuterium lamp with automatic changeover
- High sensitivity matched pair Silicon Photodiode detector
- 4 USB ports or more for high speed PC and printer connectivity, data storage and transfer through USB pen drive
- Guaranteed compliance with all Pharmacopoeia requirements
- Built in validation program, diagnostic and security functions
- The instrument should provide network access via wireless connectivity. Data can be transferred to a PC via a network
- The instrument should have provision for Bar code reader and key board entry function: sample names and numerical values can be entered by a bar-code reader or from the keyboard
- The instrument should have Sleep mode and wake up function: Analysis can start the instant the user arrives at the laboratory. The instrument should require no time to warm up.

- All operational modes as standard – Photometric; Spectrum; Quantitation; Kinetics, Time Scan, DNA and Protein Quantitation in stand alone and PC mode. Additionally, Multi-Component measurement available in stand-alone mode.
- Large sample compartment compatible with wide range of accessories.
- Power requirements: AC100,120,220,230,240 V, 50/60 Hz, 140 VA

Environmental requirements: Temperature: 15°C to 35°C
Humidity: 30% to 80%
(without condensation; 70% max. at 30°C or higher)

Accessories: supply with Double Beam UV VIS Spectrophotometer:

- All power cords, cables, software, and attachments are to be provided.
- **Two pairs of quartz cuvettes of** 10mm path length Quartz Cuvettes of 3.5 ml volume as a standard supply
- Must supply Branded i3 PC with original Windows 10 Professional, and UPS along with the instrument
- Must supply one Voltage Stabilizer (Used for: Stable Voltage for Home during Voltage fluctuations; Input Power Range: 90V-260V; LED Display: Yes; Wall mounted: Yes; Under Voltage Protection: Yes; Over voltage protection: Yes) to protect the instrument from electrical fluctuations.
- 3 years' warranty from the date of installation

N.B: The reputed brand like Perkin Elmer/Schimadzu/Agilent/Hitachi is preferable in this project work.

Sd/-
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