

# 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>

<u>SL.NO.</u>	<u>NIT NO.</u>	<u>TENDER ID</u>
1.	10/R-2024	2024_DHE_693129_1
2.	12/R-2024	2024_DHE_693152_1
3.	13/R-2024	2024_DHE_693188_1
4.	14/R-2024	2024_DHE_693208_1
5.	15/R-2024	2024_DHE_693239_1
6.	16/R-2024	2024_DHE_693278_1
7.	18/R-2024	2024_DHE_693310_1

Registrar (Offg.)

# University of North Bengal



P.O. Raja Rammohunpur  
Dist Darjeeling  
Pin 734013

## Notice Inviting e-Tender- 14/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 **26.06.24 UPTO 3.00 P.M.** and to be opened on **28.06.24 AT 3.00 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. Rajesh Kumar Das ,Department of Chemistry (Mobile no. 9434459238) email Id- [rajeshkumardas@nbu.ac.in](mailto:rajeshkumardas@nbu.ac.in) University of North Bengal.

22) Date & Time Schedule

<b>SINO</b>	<b>Particulars</b>	<b>Date &amp; Time</b>
1	Publishing of Tender	13.06.2024 FROM 6.00 P.M
2	Documents download/sell start date (Online)	13.06.2024 FROM 6.00 P.M.
3	Bid submission StartDate	13.06.2024 FROM 6.00 P.M.
4	Bid Submission EndDate	26.06.24 UPTO 11.00 3.00 P.M.
5	Technical BidOpening	26.06.24 AT 3.00 P.M.
6	Offline Submission	NO OFFLINE SUBMISSION ACCEPTED
7	Financial BidOpening	To benotified

Sd/-  
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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 &amp; Stamps)

**SUPPLY, INSTALLATION AND COMMISSIONING OF A DOUBLE BEAM UV-VIS  
SPECTROPHOTOMETER**

**SPECIFICATIONS FOR DOUBLE BEAM UV-VIS SPECTROPHOTOMETER:**

- Optical system : Rowland off-circle arrangement  
Single monochromator  
Double beam type
- Wavelength range : 190 to 1,100nm
- Spectral bandpass : 1nm
- Stray light : 1 % (198 nm KCL 12 g/L aqueous solution) 0.02 % (220 nm NaI 10 g/L aqueous solution)  
0.02 % (340 nm NaNO<sub>2</sub> 50 g/L aqueous solution)  
0.02 % (370 nm NaNO<sub>2</sub> 50 g/L aqueous solution)
- Wavelength accuracy : ±0.2nm (at 656.1nm)
- Wavelength setting repeatability: ±0.1nm
- Photometric range: -3 to 3Abs 0 to 300%T
- Photometric accuracy : +/-0.0015 Abs (0 to 0.5 Abs)  
+/-0.0025 Abs (0.5 to 1 Abs)  
+/-0.3 %T Tested with NIST SRM 930D
- Photometric repeatability : +/-0.0005 Abs (0 to 0.5 Abs)  
+/-0.0005 Abs (0.5 to 1 Abs)  
Tested with NIST SRM 930D
- Wavelength scan speed: 10 to 8000 nm/min
- Slew Speed: 24000 nm/min
- Response : Fast, standard, slow
- Baseline stability : 0.0004Abs/h (at 250nm,)
- Noise level: 0.00004 Abs (0 Abs, wavelength: 500 nm, measurement time: 60 sec, SBW: 1 nm)
- Baseline flatness : +/-0.0005 Abs
- Light source : WI and D2 lamps (D2 lamp life time is 1200 hrs)
- Light source changeover : Auto (user selectable 325 to 360 nm)
- Detector : SiliconPhotodiode
- Standard functions: IQ accessories, Start button, Analog output
- Standard programs: Abs/%T meter, Quantitative analysis, Spectrum measurement, Time course measurement, Fixed wavelength measurement, Validation, Daily maintenance, Two wavelength time course measurement
- Dimensions and weight: 486(W) x 441(D) x 216(H) mm, 15 kg
- Power requirements:120VA

- Installation requirements: Room temperature: 15-30 Celsius, humidity: below 85%
- System will come with data analysis software

**SOFTWARE FUNCTIONS:**

- Derivatives
- Arithmetic operations
- Peak detection and processing
- Smoothing (several methods)
- Deconvolution
- Baseline correction
- Axis conversion
- Kramers-Kronig conversion
- Audit trail of data processing is stored as part of the data file

**Flexible Display Features**

- Overlay printing in colors and patterns
- Auto scale mode
- Full control of styles and fonts
- Customizable workspace including tool bars and windows
- Publication quality printing
- Data import/Export using CSV, Text or JCamp formats

**Standard Windows® Features**

- Multi-tasking allows background data acquisition while analyzing data or running other programs
- User modified printing formats for any type of printer
- Digital and graphical data transfer through Clipboard

System should come with following accessories

- **one pair quartz cuvette (transparent all sides)**
- **One holmium glass filter**
- **One suitable desktop**
- **One suitable on line UPS**
- **One printer**

All the above specifications should be mentioned in printed original literature of manufacturer. Quoted company must have factory trained experienced engineer North-East/ Kolkata.

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