



**UNIVERSITY OF NORTH BENGAL**  
**OFFICE OF THE REGISTRAR**  
Accredited by NAAC with Grade A

समानो मन्त्रः समितिः समानी **Quotation Notice**

Sealed quotations are invited from the reputed vendors/suppliers for purchase of **“Instruments/Items”** under the sanctioned SERB project (EEQ/2020/000079) in the Department of Chemistry, University of North Bengal, Darjeeling, 734013, for the year 2021-22 within seven (07) days. For details, visit [www.nbu.ac.in](http://www.nbu.ac.in)

**Advt. No. 18/R-2021 Dated: 07.08.2021**

**Registrar(Offg.)**

**QUOTATION NOTICE**

Sealed quotations are invited from the interested vendors/suppliers for purchase of the following **Instruments/items**(List attached) in the Department of Chemistry, University of North Bengal.

**1. Work station with monitor**

All Quotations are to be submitted accompanying with GST & PAN photocopies, duly stamped and signed along with valid certificates as sole distributor/dealership, if applicable, to Dr. Bhaskar Biswas, Professor, Department of Chemistry, University of North Bengal, Darjeeling-734013 within seven (07) days from the date of advertisement. For further query in this matter, please contact at 7003372248.

**Terms and Condition:**

1. Copy of current year PT challan, Trade License, PAN card, GST registration certificate duly signed & stamped shall be accompanied with the technical bid documents. [Non Statutory Documents]
2. Rate should be inclusive of all taxes and charges. However, rate of GST and amount should be shown separately.
3. Quotation should be valid at least three months.
4. All the items are to be assured with warranty.
5. Supply shall be done within 15 days after issuing supply order.
6. Item(s) should be delivered in the Department of Chemistry, University of North Bengal.
7. All payment will be made as per financial Rules of the University of North Bengal.
8. Selection of the agency will be made on the basis of both technical and financial bids. The technical bid and the financial bid should be sealed by the bidder in separate cover duly superscribed and both the sealed covers are to be put in a bigger cover which should also be sealed and duly superscribed. The technical bids will be opened by the office at the first instance and evaluated. At the second stage, financial bids of only the technically acceptable offers will be opened for furnishing value and ranking before finalization and awarding of the contract. After evaluation the highest rate of discount (H1) financial bid from among the technically qualified bidders will be accepted.
9. The University reserves the right to accept in part or in full or reject any or more quotation(s) without assigning any reason or cancel the tendering process and reject all quotations at any time prior to award of contract, without incurring any liability, whatsoever to the affected bidder or bidder(s).
10. The last date for submission of the tender form is up to 05:30 P.M. of the seventh (07<sup>th</sup>) day on and from the date of publication of the advertisement and will be opened on after one working day from stipulated time of the acceptance period at the office of the Head, Department of Chemistry, University of North Bengal.
11. For any clarification regarding tender please contact with the undersigned (Tel. No. 0353-2776381).

Registrar (Offg.)

Sl. No.	Name of the Instruments/Items	Specification	Preferred Band	Qty
1.	Work station with monitor	<p><b>Processor:</b> 11th Generation Intel Xeon W-1390P, 16 MB Cache, 8 Core, 3.5 GHz to 5.3 GHz, 125W TDP, System Form Factor, Power Supply and others: Tower with 550W up to 90% efficient (80 Plus Gold) PSU, Advanced Front I/O, SD card reader, Cable Cover, Thermal Pad, Heatsink for 125W CPU, System Power Cord (India), 3.5" HDD Tray, Internal Speaker, Dust filter for Tower, 120mm Front Cooling Fan</p> <p><b>Memory:</b> 16GB (2x8GB) DDR4 UDIMM ECC Memory</p> <p><b>Storage:</b> Primary: 512GB PCIe NVMe Class 40 M.2 SSD Secondary: 1TB 7200rpm SATA 3.5" HDD</p> <p><b>Storage Configuration:</b> M.2 SSD Boot + Optional M.2 SSD + 3.5" SATA HDD</p> <p>Custom Partition: 50% Primary/Remainder 50% Secondary</p> <p>ODD: 8x DVD +/- RW 9.5mm Optical Disk Drive</p> <p>Dedicated Graphics and Adapters: Nvidia Quadro P400, 2GB, 3 mDP to DP adapter DisplayPort to HDMI 2.0 Adapter</p> <p>Additional Expansion Cards: Additional 2.5G Ethernet LAN (RJ45) Port Intel Wi-Fi 6 AX210 802.11ax Dual Band (2x2) Wireless Module + Bluetooth 5.2 with External Antenna for WLAN</p> <p>Keyboard and Mouse: Wired Keyboard (English) - US International Wired Mouse</p> <p>OS and Additional Software Windows 10 Pro for Workstations (4 Cores Plus) English OS Recovery Tool CyberLink Media Essentials for Windows 10 System Update Client (to update BIOS, Drivers, Firmware and Apps) Intel Management Engine with vPro</p> <p><b>Warranty and Service Support:</b> Accidental Damage Service, 36 Month(s) ProSupport and Next Business Day Onsite Service, 36 Month(s)</p> <p>Display Type: LED-backlit LCD monitor / TFT active matrix Diagonal Size: 60.96cm (24) Viewable Size: 0.452cm (23.8) Panel Type: IPS Aspect Ratio: 16:9 Native Resolution: Full HD (1080p) 1920 x 1080 at 60 Hz Pixel Pitch: 0.275 mm Pixel Per Inch: 92 Brightness: 250 cd/m<sup>2</sup> Contrast Ratio: 1000:1 Colour Support: 16.7 million colours Response Time: 8 ms (normal); 5 ms (fast) Vertical Refresh Rate: 50 - 76 Hz Horizontal Refresh Rate: 30 - 83 kHz Horizontal Viewing Angle: 178 Vertical Viewing Angle: 178 Screen Coating: Anti-glare, 3H Hard Coating Backlight Technology: LED backlight</p> <p>Built-in Devices: USB 3.0 hub Input Connectors: HDMI, VGA, DisplayPort</p>	Dell/HP  Workstation	1

	<p>Connectivity / Interfaces: DisplayPort, VGA, HDMI, USB 3.0 upstream (Type B), 2 x USB 3.0 downstream (Type A), 2 x USB 2.0 downstream (Type A)</p> <p>Cables Included: 1 x DisplayPort cable - DisplayPort to DisplayPort, 1 x SuperSpeed USB cable</p> <p>Display Position Adjustments: Height, pivot (rotation), swivel, tilt</p> <p>Dimensions (WxDxH) - with stand: 53.78 cm x 16.6 cm x 35.61 cm</p> <p>Environmental Standards: TCO Certified Displays 8, ENERGY STAR Qualified</p> <p>Compliant Standards: Plug and Play, DDC/CI, RoHS, EDID compatible, DisplayPort 1.2</p> <p>Manufacturer Warranty: 3-year</p> <p><b>UPS Specifications:</b></p> <p>Unit: Floor mount UPS with inbuilt isolation transformer and external battery bank</p> <p>Power rating: 1kVA</p> <p>Output power capacity: 800W</p> <p>Input voltage and phase: 230V AC single phase</p> <p>Input voltage range: 160 – 230V AC @ 60% load</p> <p>Power factor: 0.99%</p> <p>Current THD: &lt;10%</p> <p>Battery: 36V (Battery bank with three (03) 12V 42 AH batteries with rack and connectors)</p> <p>Battery charging: constant current &amp; constant voltage</p> <p>Output: Preset 220/230/240V AC ±1%</p> <p>Frequency: 50Hz ±0.1Hz</p> <p>Frequency synchronization: 47.5 – 52.5Hz</p> <p>Voltage THD: &lt;3% Linear load / &lt;5% Non-linear load</p> <p>Efficiency:AC/AC (Overall efficiency): Up to 90%</p> <p>Eco mode: Up to 97%</p> <p>Overload capacity:105 – 110%: 10min 111 – 130%: 1 min</p> <p>Communication: RS232 / USB com / Optional intelligent slot (SNMP/MODBUS/Dry contacts)</p> <p>Operating temperature: 0 - 40°C Continuous</p> <p>Output terminals: 4×6A (India)</p> <p>Additional features: Converter mode, Bypass mode (configurable), LCD display</p> <p>Ingress protection: IP 20</p> <p>Safety standard: EN 62040-1</p> <p>EMI/EMC standard: EN 62040-2</p> <p>Performance standard: IEC 62040-3</p> <p>Certification: CE</p> <p>Manufacturer Warranty: 2-year comprehensive on-site</p> <p><b>External Storage:</b>2TB external storage device</p>		
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