

UNIVERSITY OF NORTH BENGAL

Office of the Registrar



ENLIGHTENMENT TO PERFECTION

Notice inviting Tender

Sealed quotations are invited from reputed Vendors for supply and installations of Small equipments in the Department of Geology, University of North Bengal, Rajarammohunpur Campus. For details please visit www.nbu.ac.in.

Advt.no.- 52/R-2018 Date: 09.06.2018

Registrar

University of North Bengal



P.O. Raja Rammohunpur
Dist Darjeeling
Pin 734013

Quotation Notice

Sealed quotations are invited from reputed Vendors for supply of Small equipments in the Department of Geology, University of North Bengal, Rajarammohunpur Campus.

| Sl. No. | Item | Earnest Money (Rs.) |
|---------|--------------------|---------------------|
| 1 | As per Annexure -I | 10,000 |

TERMS AND CONDITIONS :

- (1) The rate shall be quoted showing separately base price and GST.
- (2) Taxes will be deducted at source as per prevailing rules of Central and State Government.
- (3) Earnest Money of Rs. 10,000/- (Rupees Ten Thousand) only in the form of A/c payee Bank Draft in favour of University of North Bengal, Payble at Siliguri is to be enclosed along with the quotation, failing which the quotation will be treated as cancelled.
- (4) The Tender form shall be downloaded from NBU portal www.nbu.ac.in , a demand draft of Rs. 1,000/- (Rupees One Thousand) only in favour of University of North Bengal, payble at Siliguri towards the cost of the tender paper shall be enclosed along with the quotation, failing which tender paper will be treated as cancelled.
- (5) Copy of current year Trade License, PAN card, GST registration certificate shall be accompanied with the technical bid documents. [NonStatutory Documents]

- (6) 92% of bill value will be paid after satisfactory delivery of the items. The remaining 8% of the bill value shall be deducted and kept aside as Security Deposit, which will be paid after three months from the date of satisfactory delivery of the items, subject to redress of complaints, if any
- (7) The bidders shall have credential of supply of above equipments in any University / institution / Govt. Organizations Copy of credential certificate shall be submitted along with technical bid (Non Statutory documents).
- (8) The bidders shall provide one year comprehensive warranty of all items of equipments.
- (9) The bidders shall provide the copy of company authorization certificate shall be submitted along with technical bid (Non Statutory documents.)
- (10) The successful tendrer shall delivery the equipments within 15 (Fifteen) days from the date of issue of supply order at the Department of Geology. No delivery charges will be paid.
- (11) The items shall be strictly as per specification.
- (12) The University authority reserves the right to accept or reject any/all quotations.
- (13) The quotation should be valid for at least 90 (ninety) days.
- (14) 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 lowest rate (L1) financial bid from among the technically qualified bidders will be accepted.
- (15) The last date of submission of tender form is on 20.06.2018 upto 3.00 p.m. and to be opened on 20.06.2018 at 4.00 p.m.
- (16) The tenderers may remain present at the opening of tender.

(17) For any clarification regarding tender please contact with the Sri Koushik Saha, Department of Geology (Tel no. 9883726604), email Id- koushiksaha09@gmail.com and Dr. Pradip Samanta, Department of Geology (Tel no.7407048130) , University of North Bengal.

(18) The duly filled in Tender paper is to be sent to the under noted address :

To

The Finance Officer

Finance Branch

University of North Bengal,

Raja Rammohunpur,

P.O.- NBU, Dist- Darjeeling,

Pin-734013

Sd/-

Registrar

University of North Bengal

SMALL EQUIPMENTS

| Sl.no. | Item | Specifications | Quantity |
|--------|----------------------------------|--|----------|
| 1 | HOT AIR OVEN | Temperature Range: 5°C above ambient to 250°C maximum; Temperature Accuracy: + / - 2°C Temperature Uniformity: + / - 1°C Controls: PID Controller Temp Display: LED Display Sensor: PT-100 Heating Element: Nichrome wire Safety device: Over temperature protection, Electric leakage breaker, Temperature safety Exterior Chamber: MS powder coated Interior Chamber: 304 stainless steel Insulation: Mineral Wool Doors: Solid doors w/ silicone rubber gasket & lock Shelves: 2 – 3 Stainless steel shelves (Removable) Air Circulation: Forced air circulation Power Supply: 220 Volts *Performance certificates should be submitted from as many institutes. * Installation (free Installation will be preferred) *Service support from Siliguri/Kolkata (Contact detail of service centers with address) | 1 |
| 2 | CENTRIFUGE 20K RPM | Max Speed: 20000rpm/min • Max RCF: 30000—g • Max Capacity: 2000ml • Speed Accuracy: ±30r/min • Temperature Range: -200--400 • Temperature Accuracy: ±10 • Time Range: 0-59 • Power Supply: AC 220V 50Hz 18A • Noise: Max 60dB • Tube capacity: 50 ml ; Type of tube : Falcon ; No of tubes/ rotor : 8 *Performance certificates should be submitted from as many institutes. * Installation (free Installation will be preferred) *Service support from Siliguri/Kolkata (Contact detail of service centers with address) | 1 |
| 3 | ULTRASONIC BATH SONICATOR | Tank Volume (litres) : 12 L Ultrasonic Wattage : 300 W Ultrasonic Frequency 40 ± 3 KHz Tank Dimension(Taper)LxWxH (mm) : 330x300x150 Outer Dimension : LxWxH (mm) 354x325x340 Tank Drain : Ball Valve Inner Tank Material : Stainless Steel Outer Housing Material : Stainless Steel Power Supply : 220 Volt, Ac 50 Hz, Single Phase | 1 |

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| | | <p>Heating : Ambient to 80°C Digitally Controlled (Dual Display)</p> <p>Digital Timer: 5 to 60 Minutes</p> <p>*Performance certificates should be submitted from as many institutes.</p> <p>* Installation (free Installation will be preferred)</p> <p>*Service support from Siliguri/Kolkata (Contact detail of service centers with address)</p> | |
| 4 | HOT PLATE (CHEMICALLY RESISTANCE) | <p>Ideal for large-volume heating applications requiring precise temperature stability, including acid base digestion, sample drying, general reagent heating, heating TLC plates, and evaporations</p> <p>Large, aluminum heating surface, thermostatic temperature controls for outstanding temperature uniformity and stability</p> <p>Cycle light indicates when power is being supplied to heating element</p> <p>Stainless-steel case provides safe, reliable construction and optimal strength for heavy loads</p> <p>Epoxy-painted surface increases chemical resistance in corrosive environments</p> <p>Manufacture Warranty: At least Three years</p> <p>*Performance certificates should be submitted from as many institutes.</p> <p>* Installation (free Installation will be preferred)</p> <p>*Service support from Siliguri/Kolkata (Contact detail of service centers with address)</p> | 2 |
| 5 | MAGNETIC STIRRER WITH HOT PLATE | <p>Stirring Capacity :2 lit</p> <p>Heating Capacity :300 W;</p> <p>PMDC motor for higher torque even at low speeds; Better speed regulation even with small volume & low speeds; Accurate step less speed control maintains excellent speed stability; Digital speed indicator for display of stirring speed</p> <p>*Performance certificates should be submitted from as many institutes.</p> <p>* Installation (free Installation will be preferred)</p> <p>*Service support from Siliguri/Kolkata (Contact detail of service centers with address)</p> | 2 |
| 6 | MUFFLE FURNACE | <p>Construction: Outer Body made of Mild Steel powder coated. Inner Body made of ceramic Muffle Kumar make.</p> <p>Insulation: Special type ceramic Insulation between body for Insulation.</p> <p>Coil: Kanthal A1 swaden make coil for long lasting.</p> <p>Temp Range: 400°C to max 1150°C.</p> <p>Accuracy: +/- 3 deg.</p> <p>Temp Controlled by: PID Dual display to view set & current temp.</p> | 1 |

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| | | <p>Safety: Special type thermocouple fuses to protect overheating.</p> <p>Sensor: 'K' type calibrated sensor.</p> <p>*Performance certificates should be submitted from as many institutes.</p> <p>* Installation (free Installation will be preferred)</p> <p>*Service support from Siliguri/Kolkata (Contact detail of service centers with address)</p> | |
| 7 | LOW TEMPARATURE REFRIFERATOR | <p>Gross volume, litres (cu. ft.) 253 (8.93); Internal storage capacity: litres (cu. ft.) 236 (8.33)</p> <p>Temperature range (16°C-25°C AMB) -10°C to -45°C; Temperature probes-1;Compressor Secop ; Refrigerant Nature-R; Noise level, dB 60; Power consumption @ 23°C AMB, kWh / 24h 5,5; Power consumption, kWh / year 2.008; Voltage, V 220-240; Frequency, Hz 50; Battery Backup 50h; USB – YES; Data connection MODBUS; Digital controller XW737K; Data logging(logs) - 35.000</p> <p>*Performance certificates should be submitted from as many institutes.</p> <p>* Installation (free Installation will be preferred)</p> <p>*Service support from Siliguri/Kolkata (Contact detail of service centers with address)</p> | 1 |
| 9 | POTABLE MULTI-PARAMETER WATER ANALYSIS INSTRUMENTS (pH conductivity; PDS; Salinity and temperature; waterproof) | <p>pH Range-0.0 to 14.0 pH; pH Resolution- 0.01 pH; pH Accuracy: ±0.05 pH;Conductivity Range-0.00 to 20.00 mS/cm; Conductivity Resolution-0.01 mS/cm ;Conductivity Accuracy- ±2% F.S.; TDS Range- 0.00 to 10.00 ppt (g/L) ; TDS Resolution-0.01 ppt (g/L) ; TDS Accuracy: ±2% F.S.;</p> <p>Temperature Range:0.0 to 60.0°C / 32.0 to 140.0°F; Temperature Resolution-0.1°C / 0.1°F; Temperature Accuracy: ±0.5°C /±1°F</p> <p>Temperature Compensation ATC / MTC;EC/TDS Calibration automatic, one-point at: 12.88 mS/cm, 6.44 ppt (g/L): pH Calibration automatic, at one or two points with two sets of standard buffers (pH 4.01 / 7.01 / 10.01)</p> <p>;pH: automatic; EC/TDS: automatic with β adjustable from 0.0 to 2.4% / °C;TDS Conversion Factor-0.45 to 1.00; Non-Volatile Memory Yes; Auto-Off 8.5 mins after last key pressed (can be disabled); LCD Display Dual-display LCD (2.1 x 2.7cm); Power 4 X 1.5 V "A76" Micro alkaline batteries; Batter Life > 150 hours</p> <p>*Performance certificates should be submitted from as many institutes.</p> <p>* Installation (free Installation will be preferred)</p> <p>*Service support from Siliguri/Kolkata (Contact detail of service centers with address)</p> | 1 |

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|---|--|---|---|
| 8 | POTABLE DISOLVE OXYGEN WATER ANALYSIS INSTRUMENTS | Dissolved Oxygen Range - 0 to 19.9 mg/l or ppm; Resolution & Accuracy - 0.01 mg/l, 0.1 ppm & ±1.5% Full Scale; % Saturation of Oxygen -0.0 to 199.9 %; Resolution & Accuracy -0.1 % & ±1.5% Full Scale; Temperature Range - 0.0 to 50.0 °C; Resolution & Accuracy 0.1 °C & ± 0.5 °C;Salinity Correction 0.0 to 50.0 ppt; Barometric Pressure Correction-500 to 1499 mm Hg or 66.6 to 199.9 kPA; Method Manual input for automatic correction ; No. of Calibration Points Up to 2 points; 100% in air and/ or 0 % in known solution; Memory - 100 sets; Special Functions Averaging/Stability; Self- diagnostic; Electrode characteristics; Hold & Auto- Power Off after 20 minutes; Power Requirements 4 x 1.5V batteries; > 700 hrs or 9VDC power adapter *Performance certificates should be submitted from as many institutes. * Installation (free Installation will be preferred) *Service support from Siliguri/Kolkata (Contact detail of service centers with address) | 1 |
| 9 | RAIN GAUGE | The gauge has main three components, an outer cylinder, a measuring tube and a funnel. *Performance certificates should be submitted from as many institutes. * Installation (free Installation will be preferred) *Service support from Siliguri/Kolkata (Contact detail of service centers with address) | 2 |

Sd/-
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