



# Alipurduar University

P.O. Alipurduar Court , Dist Alipurduar , Pin736122

Memo No. Apdu/reg/tender/05/2023

Dated 09.11.2023

e-Notice Inviting e-Tender - e-NIT /APDU-04/ 2023-24 (2<sup>nd</sup> Call)

e-Tenders are invited from reputed Vendors for supply and installation of Lab. equipments in the Department of Chemistry, Alipurduar University, P.O. Alipurduar Court, Dist. Alipurduar, PIN- 736122. For details please visit <https://wbtenders.gov.in>

Sl. No.	Item	Earnest Money	Completion Time
1.	As Per Annexure-I	20,000/-	15 days from the date of issuance of supply order

## 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 15 (Fifteen) days from the date of issuance of the supply order.
- 12) A sum of Rs.20,000/- shall be deposited to the 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.
- 13) The University authority reserves the right to accept or reject any/all quotations.
- 14) The quotation should be valid up to 31.03.2024.
- 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 28.11.2023 at 6.00 P.M. and to be opened on 01.12.2023 at 11.00 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 the Dr. Rinku Chakrabarty, Head of the Department, Chemistry, Alipurduar University. (Tel. No. 9474709142), email Id- rckncs@gmail.com, Alipurduar University.
- 22) Date & Time Schedule

Sl.NO	Particulars	Date &Time
1	Publishing of Tender	<b>11.11.2023</b>
2	Documents download/sell start date(Online)	<b>11.11.2023 FROM 10.00 A.M.</b>
3	Bid submission Start Date	<b>11.11.2023 FROM 10.00 A.M.</b>
4	Bid Submission End Date	<b>28.11.2023 UP TO 6.00 P.M.</b>
5	Technical Bid Opening	<b>01.12.2023 AT 11.00 AM.</b>
6	Offline Submission	<b>NO OFF LINE SUBMISSION WILL BE ACCEPTED</b>
7	Financial Bid Opening	<b>To be notified</b>

Sd/-  
Registrar (Additional Charge)  
Alipurduar University

## List of Lab. equipments along with specification

Sl. No.	Instrument Name	Specification
1.	Balance (3digit)	(220g / 0.001g- 3 Digit) ; Dimension (Length), 475 mm ; Dimension (Width), 315 mm ; Weight, 10 kg ; Max. (Capacity), 50 / 220g.
2.	Rough balance (2digit)	Precision Balance/Digital Balance 2 Digit (0.01-610 to 3100g) P-Scale Taiwan ; Weight Capacity: 0.1-2100g, 0.01-610g, 0.01-1100g, 0.01-2100g, 0.01-3100g
3.	Mini distilled water plant	4 litres per hour, single distilled Temperature 35 to 50 °C Pyrogen Content Pyrogen free Power Requirement 220/240v , 50/60 Hz single phase, 13A fused Dimension (d x w x h) 50 x 15 x45 cm
4.	Melting point apparatus (2nos)	Display 4 Digit, 7-Segment LED Display (Model – 935) 3 Digit, 7-Segment LED Display (Model – 934) Temperature 0 – 300 °C Resolution 0.1 °C (Model – 935) 1 °C (Model – 934) Capillary Glass Tubes 75 mm long, 0.8 – 1.1 mm internal diameter Boiling Point Glass Tubes 75 mm long glass tube
5.	Magnetic stirrer	Model 15-MLH Plus Speed range(rpm) 200 – 1800 Input power (Max. W) 800w Working plate temp range (°C) RT+5~380°C
6.	Magnetic heater cum stirrer	Stainless Steel Hot Plate Cum Magnetic Stirrer Capacity: 500 ML TO 20 LTRS Heating power (Max. W) 750w Speed Range: 4000 RPM
7.	Column chromatography set-up	Two different size columns, silica gel two mesh size, 2.5 kg each
8.	Suction unit (2nos)	Glass suction unit for water suction
9.	Centrifuge	Max. Speed, rpm, 10000 ; Max. RCF, 'g', 5070 ; Max. Capacity, ml, 400 ; Digital timer range, Min, 0-59 ; W x D x H · Mm, 380 x 470 x 300
10.	Drying oven	Dimensions: 115" W x 160" L x 113" H · Material thermal combustion: 800°F · Afterburner chambers' operating temperature: 150°C
11.	Hydrothermal oven	Maximum operating temperature: ≤240°C. Safe temperature: – 200°C. Working Pressure: ≤3MPa or 30 Bar. Heating and Cooling Rate: ≤5°C/min.
12.	Muffle furnace	Max. Temperature 1000°C with temp controller Heating element KANTHAL A1 wire U shape MoSi2 heating elements Thermocouple K Type B Type Heating chamber MOC Ceramic fiber board 1900°C ceramic fiber board (imported) Exterior MOC Powder coated steel
13.	Water bath (2nos)	Chamber Dimensions, 300 x 250 x 100 mm, 355 x 405 x 100 mm ; No. of holes, 6, 12 ; Holes Dia. 75 mm ; Temperature range, 5°C above ambient to 100°C.
14.	Kruss tensiometer	Instrument dimensions. Footprint. Height. Weight (without accessories). 230 mm × 270 mm (W × D).

15.	Thermostat	Characteristics ; -30 to 20°C models: Approx. 0.5 to 2.5°C · (variable) 0 to 50°C models: Approx. 0.5 to 4°C · (variable) 0 to 100°C models: Approx. 0.5 to 4°C ·
16.	pH meter	Deluxe pH Meter Digital pH Meter Accuracy pH mV $\hat{A}^{\circ}\text{C} \pm 0.01$ pH $\pm 1$ mV $\pm 0.1^{\circ}\text{C} \pm 1$ digit $\pm 0.01$ pH $\pm 1$ mV Temperature Compensation Auto : 0 to 100°C Manual : 0 to 100°C Manual : 0 to 100°C Input Impedance > 10 ohms > 10 ohms Slope Control 80 to 120% 80 to 120%
17.	Potentiometer	Parameter Description Parameter Output Shaft Female 5mm Hex Mounting Holes REV Motion Pattern (6x M3 tapped) Range of Motion 270° Taper Linear (B)*
18.	Conductometer	Conductivity : 0~200mS/cm spread into 5 ranges 0.00~20.00 $\mu\text{S}/\text{cm}$ , 20.0~200.0 $\mu\text{S}/\text{cm}$ , 200~2000 $\mu\text{S}/\text{cm}$ , 2.00~20.00mS/cm, 20.0~200.0 mS/cm, Resistivity : 0~100M $\Omega\text{cm}$ TDS : 0~100ppt (g/L) Salinity : 0~100ppt Temperature : -10.0 ~ 110.0°C Meter Dimensions (mm) 165 (L) x 190 (D) x 60 (H) Meter Weight 700 g
19.	Inert atmosphere reaction set-up	Nitrogen gas cylinder with regulator, two and three armed 250 ml and 500 ml r.b. 24 joint and 19 joint, rubber septum, 19 and 24 joint stopper and side armed glass channel

**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)