



झारखण्ड केन्द्रीय विश्वविद्यालय
Central University of Jharkhand

Brambe, Ranchi, Jharkhand, 835205

Ref No: CUJ/CAC/SB/Purchase/SERB/2017/01

Dated: 22/12/2017

Sealed quotations are invited for the articles enclosed in the separate sheet subject to the terms and conditions given below: The quotation should be addressed to **Dr. Sabyasachi Bhunia** (P.I. of the Project), Assistant Professor, Centre for Applied Chemistry, Central University of Jharkhand, Ratu-Lohardaga Road, Brambe, Ranchi, 835205 and should reach on or before 25 days from the advertisement of the tender. Quotations will be opened on the next working day.

TERMS AND CONDITIONS

1. Quotations without any erasures and overwriting must be submitted in sealed cover addressed to the Dr. Sabyasachi Bhunia, Central University of Jharkhand, Ratu-Lohardaga road, Brambe, Ranchi-835205, super scribed Tender/Enquiry No. and the due date failing which, quotation may be ignored. Tender/ quotation should be sent through Post/ Courier/ By Hand.
2. The rate quoted should be inclusive of all packing, forwarding, sales tax, freight and insurance charges and should remain valid for our acceptance for minimum period of Six (6) months from the due date of opening of the quotations. The quotation should be CUJ consignee's site basis i.e. Central University of Jharkhand, Ratu-Lohardaga Road, Brambe, Ranchi.
3. Manufacturer's name of company of origin of materials offered must be clearly specified. Complete details of illustrated literatures/or drawings, in original (not photocopies), if any must accompany all quotations.
4. The University will not entertain requests for revision in prices once quoted for whatever reason after the tenders are opened during the period of contract.
5. All goods must be delivered at the university at Ratu-Lohardaga Road, Brambe, Ranchi for inspection by our inspecting authority.
6. Full payment will be made within 30 days of the receipt and acceptance after inspection of supplies at destination, quotations containing different payment terms are liable to be ignored.
7. All goods must be delivered at our university at Ratu-Lohardaga road, Brambe, Ranchi (Dr. Sabyasachi Bhunia, CAC) after confirmed order. The University will provide DSIR certificate, Educational certificate if necessary. The University will not be responsible for issuing any Road Permit.
8. Only Manufacturer/ Authorized distributor/ firms of repute dealing in the items listed in the quotation having experience in sale and repair/ maintenance may apply. In case of dealer, tender specific Authorization in original from the manufacturer should be attached with the Technical Bid.
9. Foreign Manufacturers should have their own office in India along with Technical Support/ Service Support for better after sales service.
10. It should be mentioned specifically whether price quoted includes all taxes and duties. Sales tax and/ or other duties legally liable and intended to be claimed should be distinctly shown in the tender.
11. GST Registration Number and its validity should be indicated. Documentary evidences be supplied/ attached to the tender documents.
12. All rates shall be indicated both in words and figures. Where there is difference between the rates quoted in words and figures, rate quoted in words will prevail.

13. The supplier shall make delivery of the items within the stipulated period from the placement of the purchase order. The purchase order would be placed after assessing the requirement and hence, actual quantity may increase/ decrease.
14. The Tender Document for items will be Two- Bid system consisting of Technical Bid and Price Bid. The Tender Document will be submitted item-wise in two separate sealed covers clearly mentioning on the envelope the details of items for which Bid is submitted.
15. The Bidder must enclose point wise compliance of the technical specifications of each item.
16. The price of Tender Document is Rs. 1000/- only (One Thousand rupees only) (non- refundable). The Tender Document price may be attached to the Technical Bid in the form of Bank Draft in favor of “Central University of Jharkhand” payable at Ranchi.
17. The Tender Documents comprising of Price Bid, Technical Bid and Earnest Money Deposit (refundable) mentioned against each items in the form of Bank Draft in favor of “Central University of Jharkhand” payable at Ranchi kept in the separate envelope superscripted with the name of the same. The Tender Document must be enclosed with Earnest Money Deposit otherwise the tender document will be rejected. All the documents must be enclosed in a bigger size envelope super- scribed with the tender number and item name.
18. All legal disputes shall be under the jurisdiction of Jharkhand High court, Ranchi.
19. The University reserves the right to accept or reject any Bid, without assigning any reason thereof. No correspondence in this regard will be entertained.
20. All the participating firms should attach supporting documents in favor of:
 - a) Have at least 5 years of experience in the field.
 - b) Have an annual turnover of at least Rs. 20 Lakh per annum for each of the last 3 years (i.e 2014-15, 2015-16 & 2016-17) (Agency should produce a certificate from their Audit Firm in respect of turnover for the mentioned period)
 - c) Be registered with Directorate of Industries or Small Scale Industries or any other appropriate authorities.
 - d) Have valid TIN Number for registration under GST
 - e) Have PAN for Income Tax. Supporting documents for Income Tax return for the last Two years (i.e 2015-16 & 2016-17) are to be attached.
 - f) Documents as proof in respect of Technical bid along with supporting documents.
 - g) Profile and Track Record of the agency. (3 years)
 - h) Copy of signed Balance Sheets of last three years.
 - i) Detailed terms & conditions regarding performance/ warranty (**36 months**)/ bank guarantee/ Inspection/ LD/ EMD validation/ penalty for delayed supplied will be elaborated in purchase order.
 - j) For proprietary items/ single manufacturers or Government manufacturers, proper certification in original is to be attached along with the Technical Bid.

Dr. Sabyasachi Bhunia

Principal Investigator

List of Instruments

S. No.	Item	Specifications	Unit	EMD
1.	Rotary Evaporator with Vacuum pump	<p>Rotary Evaporator specifications:</p> <ul style="list-style-type: none"> ✓ Vertical condenser with shut-off valve ✓ Standard distillation ✓ 6 types of flasks ranging from 50 ml to 3,000 ml ✓ 1 Litre, 250 ml & 50 ml Sampling Flask and 1 Litre Receiving Flask ✓ A blubs for flask 24/40 ✓ Motorized jack for lifting and lowering the condenser ✓ It should equipped with speed control and RPM value displayed in digital ✓ Digital Display/Speed Control Range : 20 – 280 RPM ✓ Suitable stabilizer for equipment ✓ 2 sets of vacuum seal ✓ CE certified <p>Heating bath of high alloy stainless steel</p> <ul style="list-style-type: none"> ✓ If water level at heating bath goes down power will have to be cut off automatically by sensor ✓ Speed control 20 ~ 280rpm ✓ Continuous supply device for large capacity ✓ Central connection ✓ Dimensions: 620 W x 410D x 870 H mm ✓ Power source: 220VAC, 50Hz, 2.5A ✓ Heating bath power wattage: 1000 W, 4.5A ✓ Temperature Control Range: Ambient – 180 °C ✓ Bath Capacity: 3.5L ✓ Bath size: Dia. 245, 120 H mm <p>Cooling bath circulator</p> <ul style="list-style-type: none"> ✓ Chemical pump ensuring no contamination ✓ Corrosion proof paint ✓ Bath capacity: 4L ✓ Temp. Range: Amb. ~ -20 °C ✓ Temp. indicator: Digital Display and Control ✓ Refrigeration unit: 334W ✓ Circulator pump: 40W, Max. Flow 15L/min. ✓ Dimension: 250(w) x 510(d) x 510(h) mm ✓ Power source: AC 220V 50/60Hz <p>Diaphragm Vacuum Pump</p> <ul style="list-style-type: none"> ✓ Delivery(l/min)¹ 20 ✓ Ultimate Vacuum (mmHg) 730 ✓ Connectors for tube (mm) OD 10 ✓ Voltage/Frequency 750V/50Hz 	01 Each	7,000/- Rs
2.	Low Temp. Reaction Bath	<p>Low Temp. Reaction Bath (Ultrachill Immersion Cooler)</p> <ul style="list-style-type: none"> ✓ Temperature range: -90 to + 40° C ✓ Temperature stability: +/- 1° C ✓ Temp. control: Microprocessor PID ✓ Temp. Control Sensor: DIN (1/3A)Pt100 ✓ Temperature Indication: Digital LCD ✓ Cooling Capacity: 340 W at + 20 °C; 300 W at 0.0 °C ; 225 W at – 20 °C; 150 W at – 40 °C ; 100 W at – 60 °C; 50 W at – 80 °C ✓ Refrigeration: Dual stage, Air cooled ✓ Refrigerant: R23 / R404a ✓ Cooling Coil: Flexible, 100 x 16 mm dia ✓ Power supply: 230 V / 50 Hz Weight: ~60 Kg ✓ Dimensions (WxLxH): 38 x 46 x 60 cm <p>Vacuum jacketed, insulated vessel Capacity :</p> <ul style="list-style-type: none"> ✓ 2 litre MOC: SS 316 double walled with vacuum jacket & PUF insulation 	01 Each	6,000/- Rs