



MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL
(Formerly, WEST BENGAL UNIVERSITY OF TECHNOLOGY)

Main Campus: Haringhata, Nadia, W.B.

Kolkata Office: BF-142, Sector -I, Salt Lake City, Kolkata -700 064

Phone: +91 33 2321-0731, 2321-1327 # Fax: +91 33 2321-7578, 2334-1034

Website: www.wbut.ac.in

TENDER NOTICE FOR SUPPLY OF ROTARY EVAPORATOR

Notice No. : MAKAUT-WB / CHEM LAB/ 03/2019 - 2020

Date of Issue : 10-12-2019

Last Date of Submission : 17-12-2019

Tender Fee : Rs. 500/-

Main Campus : NH - 12, Simhat, Haringhata, Nadia, Pin-741249, W.B.

Information / Document(s) to be provided by the Bidder :

- 1. Contact information :**
 - a) Name of the Bidder :
 - b) Address :
 - c) Telephone No. :
 - d) Mobile No. :
 - e) Fax No. :
 - f) E-mail id (if any) :
- 2. Name(s) of the Proprietor/Partners/Directors, etc. :**
- 3. Trade License No. (With Photocopy) :**
- 4. PAN :**
- 5. GSTIN :**
- 6. Additional Document(s) / Information, if the party wants to include:**
 - 1)
 - 2)
 - 3)
 - 4)
 - 5)



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7. Details of Tender Fee deposited :
- a) Demand Draft No. & Date :
- b) Name of the Bank & Branch :
- c) Signature(s) with Official Stamp :

TENDER NOTICE FOR SUPPLY OF ROTARY EVAPORATOR
AT NH – 12, SIMHAT, HARINGHATA, NADIA, PIN - 741249

Sealed Financial Bids are hereby invited from interested parties for SUPPLY OF ROTARY EVAPORATOR, at NH-12, Simhat, Haringhata, Nadia, Pin-741249, W.B. :

A. SPECIFICATION – 1 UNIT

A high-quality rotary evaporator to meet the essential needs in classical Laboratory applications. It should have manually adjustable rotation speed of 20 to 280 rpm and equipped with an action jack lift for manual lifting of the evaporating flask. Complete with vertical condenser, 1 L receiving and evaporating flasks and a vapour duct and bundled with the Vacuum Pump regulated by a Digital Vacuum Controller and the Recirculating Chiller. All items to be delivered at MAKAUT, Haringhata campus, WB and all units should have warranty for a period of Two (03) Years. Installation should be done in our laboratory at MAKAUT-Haringhata Campus, West Bengal.

Rotavapor

- Vertical condenser for standard applications with cooling surface area 1460 cm².
- Angle adjustable 0 – 35 °
- Stroke distance 150 mm (+ 100 mm extendable)
- Rotation speed 20 – 280 rpm
- Flask size range 50 – 4000 mL can be used on the same joint adapter without additional connections.
- Heating Power 1300 W
- Controlled temperature range 20 – 95 °C
- Temperature regulation accuracy ± 2 °C
- Temperature display Digital allows adjusting set temperature and indicates actual temperature
- Over-temperature protection Power cut off when actual temperature exceeds set temperature or by rapid temperature increase
- Carry handles Two integrated handles facilitate carry, re-filling and emptying the heating bath
- All glass components should be made of Borosilicate 3.3 glass.
- Protection class IP21



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- Approval CE

Vacuum Pump:

- Chemically resistant PTFE made diaphragm vacuum pump with a space saving design.
- Regulated by the Digital Controller and to be delivered with a silencer and 2 m of vacuum tubing.
- Suction capacity: 1.5 m³/h
- Number of steps (heads): 2 (2)
- Final vacuum (absolute): 10 mbar (± 2 mbar)
- Power consumption: 150 W
- Sound level: 40 – 52 dB(A)
- Pump should get automatically activated after 1 hour of operation, hence the pump does not work on its full capacity and consumes less electrical power and works under reduced stress.

Digital Vacuum Controller:

Easy to use interface that controls the vacuum digitally. It is optimally suited to on/off-regulate the Vacuum Pump.

- Measurement range 1400 – 1 mbar
- Control range 1100 – 1 mbar
- Measuring accuracy ± 2 mbar (± 1 digit) - after calibration at constant temperature
- Temperature compensation 0.07 mbar/K
- Hysteresis Automatic or 1 – 500 mbar
- Display Digital, monochrome, 4.0 in
- Timer function to stop the process after pre-set time
- Overpressure prevention - Automatic aeration when pressure above 1400 mbar
- Vacuum regulation of set pressure - Adjust and keep pressure stable within hysteresis



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IMPORATANT INFORMATION FOR THE BIDDERS

1. **The bids must be as per the specifications mentioned in the tender notice. Any deviation in item(s) will not be allowed and the bid will summarily be rejected.**
2. *The quotation should have a quotation reference number and date. The copy of tender should also be attached with the bid documents.*
3. *The item rates, taxes and other charges should be separately mentioned in the quotation. In case the rates include tax, the rate (%) of the tax should be mentioned in the quotation. The University will provide DSIR Certificate against which all permissible tax relief is exempted. Vendors registered under composite GST Scheme must mention the same in the bid document.*
4. Bids will be opened by the Officials of MAKAUT, WB. Intending bidders may remain present if they desire so. If there is any deficiency in the necessary documents, the tender will summarily be rejected. During the evaluation process, the Committee may invite the bidders and seek clarification / information or additional documents or original hard copy of any of the documents already submitted and if those are not produced within the stipulated time frame, their bids will be liable for rejection.
5. Submission of false document / information by the bidder is strictly prohibited and will be liable for rejection of the tender.
6. **Current valid Trade License (2019-2020) must be attached. In case the current valid license is not available, the vendor should attach the last trade license (2018-2019) and the same should be accompanied by the renewal application copy / copy of receipt against fees paid for renewal.**
7. Any form of sub-tendering or sub-letting of the job in part or full is strictly prohibited.
8. Partial bidding may not be allowed by the University Authority.
9. Being the lowest bidder in terms of rates are not only criteria to become eligible for the job. Selection of the eligible bidder will be done on the basis of credentials and past performances.
10. Tender fees to be paid through Demand Draft in the name of 'MAKAUT, WB' payable at *Kalyani*.
11. **The University reserves the right to accept or reject any tender without showing any reason.**



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12. For any other necessary information, please contact the University Authority to the following address :

Maulana Abul Kalam Azad University of Technology, West Bengal

(Formerly known as: West Bengal University of Technology)

NH – 12, Simhat, Haringhata, Nadia

E-Mail id: registrar@wbut.ac.in

Contact Person(s): Finance Officer, MAKAUT, WB

Sd/-

Registrar

MAKAUT, WB