

The University of Burdwan
Department of Environmental Science

Date: 15.03.2017

Sealed quotations are invited from authorised vendors/manufacturers for the supply of following item under the WBDST funded research project having Ref. No. **ST/P/SNT/15G-10/2015 dated 11/01/2017** under the Principal Investigator **Dr. Naba Kumar Mondal**, Assistant Professor, Department of Environmental Science. Vendors/suppliers are asked to quote the lowest rate over the listed price for the same. VAT and other applicable taxes must be clearly mentioned in the quotation. The quotation should reach to the following address within fifteen (15) days from the date of the advertisement. The quotation should follow the specifications as per given in the tender.

SPECIFICATIONS FOR LYOPHILIZER

Features:-

1. The 7' LCD Display panel.
2. With historical data inquiry function.
3. The machine should be equipped with USB interface on control panel.
4. Large capacity Ice condenser, trap and without coil inside.
5. Cascade refrigeration technology.
6. The pre-freeze shelf can be used as guide barrel to speed up the drying rate.
7. Ice condenser trap and operation panel are made by stainless steel.
8. Drying cabinet is transparent which is visual and safe.
9. The shelves are stainless steel which can be adjustable per requirement.

Technical Parameter:-

Type :- Table top type

Ice Condenser Temp :- -55°C

Vacuum Degree :- <10Pa

Water Capture Capacity :- 3Kg/24h

Freeze drying time :-24h

Freeze drying area :- 0.12 ~ 0.18m²

Material Loading Capacity :- 1200ml

Material Loading Capacity/Shelf :- 300ml

Tray Specification (Φ*h) :- Φ200*15mm

Quantity of tray:- 4~6pcs

Multi-pipeline and bottles :- 8pcs

Capacity for Penicillin Bottle(Φ 22) :- 260

Capacity for Penicillin Bottle(Φ 16) :- 480

Consumption:- 1000W
Power Supply:- 110/220V, 50Hz/60Hz
External Size (W*D*H):- 582*625*530/960mm
Standard Accessories:- **Main Body x1 pc,**
Manifold Drying
Cabinet x1 pc,
Drying bottle x8 pcs
Vacuum Pump x1 pc for the Above Unit
CE Certified
Stabilizer 1pc
3 years warranty

Certificate of payment and delivery of the instrument be produced along with the rate.

The Technical proposal should contain scanned copies of the following and submitted the hard copies of the same, duly signed by the authorized signatory, to the above address within the closing date.

- a) Particulars of the bidder in plain paper in the following format:
- b) Tender specific authorization (MAF) from OEM
- c) Proof of PAN no.
- d) Proof of VAT/Sales Tax Registration
- e) Copies of the Income Tax Acknowledgement Receipt for the latest Assessment year, P.T. Deposit Challan for latest year, ESI Certificate, up to date clearance of Service Tax Registration (last receipt of Challan), Trade License and last three year Balance Sheet.
- f) Terms & Conditions and Delivery period to be submitted on firm's letter head mentioning the following:
 - i) Name and address of the Company including Telephone no., FAX no.
 - ii) Contact person - Name, mobile number, email address
 - iii) Banker's name and address in details
- g) Detailed Technical specifications
- h) Brochure/Leaflets/Technical Information of the item(s), if any
- i) Experience and credential documents
- j) Any other relevant documents

Sealed quotations must reach within fifteen days to **PI Dr. Naba Kumar Mondal**, Department of Environmental Science, The University of Burdwan, Golapbag, Burdwan-713104, West Bengal, India.