

Microbiology Laboratory
Department of Biotechnology and Bioinformatics
NORTH EASTERN HILL UNIVERSITY

Ref. No. : F.1/DBT/IBSD/2017-04

Date: 02 May 2017

NOTICE INVITING QUOTATIONS

Sealed Quotations are invited from reputed manufacturers/authorized agents for supply and installations of the following equipments as per the specifications listed below

1. Orbital Shaker Incubator – Cum – B.O.D. Incubator

Technical Specifications:

- Inside chamber of Stainless Steel having insulation between two walls by mineral wool, acrylic glass door to inspect specimen without disturbing the temperature.
- Electronic Digital Temperature Controller Cum Indicator having range 5 °C to 50 °C. Inside Air circulating system with fan blade.
- Shaking platform to accommodate culture flasks, lighting system from top of the chamber. Fluorescent tubes, shaking speed from 10 rpm to 260 rpm with electronic rpm Meter in control panel. Programmed Timer, supplied with voltage stabilizer.
- Size: 660 mm X 530 mm X 540 mm (Approx).

2. Refrigerator Side-By-Side Door

Technical Specifications:

- Slide out Drawers, Water Dispenser, Auto Ice Maker (Clear View), Indoor Ice Maker, Digital Display Lock, Twin Cooling, Multi Flow , LED Display & Control, LED Light, Power Cool, Power Freeze, Big Door Bin, Door Alarm, Capacity- more than 570 litres

3. Deep Freezer (Vertical) minus 20 °C

Technical Specifications:

- Body double walled cabinet with ~75 mm puff insulation of Stainless Steel. Cabinet mounted for easy movement.
- Temperature controlled by Digital Electronic Controller Cum Indicator upto minus 20 °C in variation of +/- 1 °C. Compressor (CFC FREE) and CFC free refrigerant with all its protective device with condenser coil and electronic digital voltmeter, Capacity – more than 170 ltrs

4. Vertical Laminar Air Flow Unit

Technical Specifications:

- Cabinet CRCA Powder coated, Pre-Filter - 10 microns , HEPA Filter – 0.3 microns, Fluorescent lamp, UV- light, Stainless Steel Work table, Polycarbonate Front Door, Gas cock , Leveling leg, Extra power outlet switch
- Size: 3 feet, Inner Dimension: 3' x 2' x 2' approx. , Overall dimension: 3.5' x 2.5' x 7' approx.
- Air Flow- for 0.45m/s to 0.65 m/s.
- Pre-filters - 600 x 400 x 50 mm – 1 no, Type -Flange type, Synthetic, Non-oven Polyester fibre, Washable,Casing - M.S.Powder coated, Gasket -Neoprene, Retention-10 Micron, Efficiency-90%, Pressure drop - 6 to 8 mm
- HEPA filter - 915 x 610 x 75 mm , Box Minipleat type, Ultra clean glass fibre paper, Casing-M.S.Powder coated, Gasket-Neoprene, Retention-0.3 Micron , Efficiency-99.97% , Pressure drop-25 mm of W.c.
- Impellers - High performance noise abated statically and dynamically balanced.
- Motor Blowers- 230 V, 50 Hz, 3.5Amps, : 250 Watts, 1440 rpm, 1/3 HP
- Pressure Gauge-Aluminum case and bezel, acrylic cover, Accuracy- +/- 2 % of full scale, Pressure limits-15 psi, Temperature- 20 to 140 °F, Size- 4" dia, Range- 0-25 mm
- Hour meter -Range : 9999 hrs , Size : 2" x 2"
- Illumination - 40 watts, Fluorescent tubes
- Noise level - 65 +/- 5 db
- Power supply - 230 V AC, 50Hz.

General Terms and Conditions

- 1) All interested suppliers/ vendors/manufacturers shall send their bids to the following address: Dr S.R. Joshi, Microbiology Laboratory, Department of Biotechnology & Bioinformatics, North-Eastern Hill University, Shillong 793022
- 2) The quotation should be submitted through post within 21 days of issue of this notice (date). Bids received after due date by post will not be considered (the university shall not be responsible for any postal delay).
- 3) Separate technical and financial bids should be submitted in a sealed envelope.
- 4) The Department Purchase Committee (DPC) can accept or reject the quotations received without assigning any reasons to the bidders. No queries in this regard will be entertained.
- 5) No separate tender paper will be issued from the office: one should only download the specifications/list from the university website.
- 6) The rates should be quoted on FOR Head, Department of Biotechnology & Bioinformatics, North-Eastern Hill University, Shillong 793022 basis.
- 7) Items of foreign origin should have insurance up to installation on site.
- 8) The rates should be inclusive of all taxes, freight charges and applicable tax as per norms and should be clearly indicated.
- 9) Quoted rates should be valid at least for a period of 6 months.
- 10) The rates should be quoted along with supporting documents of specifications and technical features.
- 11) Details of availability of after sales support and warranty period shall have to be furnished during application through post only to address mentioned below
- 12) The item should be delivered, installed and free training should be given without any additional costs.
- 13) Payment will be made to successful bidders only upon completion of supply and installation of the equipments and bills in triplicates have to be submitted for settling of the payment.

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