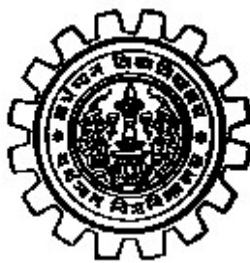


Dr. Pradipta Saha, Associate Professor
Head, Department of Microbiology



The University of Burdwan
Burdwan, West Bengal, India-713104
Mobile Ph: 06294771522

Notice

Date: 31. 01. 2024

Sealed Quotations are invited from reputed manufacturers/vendors/suppliers within 10.02.2024 for the supply of following equipments as per specifications enclosed, to be purchased by the Department of Microbiology, the University of Burdwan from Non-Plan budget head of the University (2023-24).

Terms & Conditions:

1. The envelope containing quotation must have corresponding reference number written on top.
2. The Equipments must be of good quality and the supplier must provide warranty/cashless **after sales service for a period of at least five years after installation has been made.**
3. The quotation for Indian purchase must include the final price (in INR including GST, carrying cost, transportation cost, installation cost, discount if any) in INR and the item should be transferred to Department of Microbiology, BU.
4. The authority reserves the right to decide purchase of a particular make among different submitted quotations on the basis of the lowest quoted price and the quality on a general basis or the recommendation of the user and the purchase committee. The department may not buy all products listed and the total order value may vary according to the requirement. Vendors will be directed to supply items within this financial year (2023-2024). Suppliers providing extra benefit may mention in the quotation.
5. The suppliers must also include terms & conditions for the after sales service details possible only at Burdwan (within the Dept. of Microbiology, BU).
6. All the details along with the quotation must reach the following address on or before 10.02.2024 (4:30 PM).

**To,
The HOD,
Department of Microbiology,
The University of Burdwan
Golapbag, Burdwan – 713104
West Bengal, INDIA
Mail: hod@microbio.buruniv.ac.in**

Ref. Equipment/BU/Microbiology/2023-24

1. BOD Incubator with Shaker: Technical Specification

Capacity: 170 to 200 lts (6 cft)

Temp. Range: 2°C – 60°C

Temperature accuracy: ± 0.5 °C

Temperature uniformity: ± 1 °C

Construction: Double wall

Insulation: Thick PUF insulation

Compressor: Hermetically sealed Compressor CFC Free.

Display: 7" color touch screen display

Temperature control: Combined Imported PID Controller.

Humidity System: Ambient to 90%

Sensor: High quality temp. sensor.

Blower: Motorized Blower is fitted inside the chamber to maintain the uniform temperature.

Safety device: Low and high temp. cut off settable thermostat.

Heater: U Shaped Tubular heater

Inner Chamber: 304 quality Stainless Steel.

Outer Chamber: Outer body with heavy MS sheet and powder quoting paint finish.

Door: 1 no full Plexi glass door and 1 no solid door with gasket and lock.

Number of Selves: 3 Nos. of removable & Adjustable wire mesh selves.

Shaker: High precision orbital shaker with capacity up to 200 rpm with proper display. Must be very hardy with continues Running capacity of 24 Hrs X 365 days. The shaker must contain slots for incubating flasks (1 liter, 500 ml, 250 ml and 100 ml) and Beaker (1 liter). The motor must be of long lasting hardy grade.

Wheels for moving the unit: Yes

2. Photoelectric Colorimeter (Digital)

Brand : SYSTRONICS

Model : 112

Technical Specification

Wavelength Range : 400-700 nm with 8 optical filters

Filter's peak wavelength (typical) : 420 nm, 440 nm, 490 nm, 520 nm

540 nm, 570 nm, 600 nm, 700 nm

Measuring Mode : %T & Abs,

Photometric Resolution : 1% T & 0.01 in Abs upto 1.99 Abs (O.D)

Display : 3 Digit LED

Sample Volume : 1 ml in 4 ml Test tube

Source : White LED

Detector : Hermetically Sealed photodiode

Power : 230 V \pm 10%, 50 Hz

Dimension : 160 (W) x 200 (D) x 100 (H) mm

Weight : 1.5 Kg (approx)

Accessories : a) Four Test Tubes