THE UNIVERSITY OF BURDWAN

DEPARTMENT OF ZOOLOGY

Ref. No. Zoo/BU/ 2018/Tender/AMB- Project/02 **Dated: 13/08/2018**

Sealed Quotations are invited from reputed manufacturers/vendors/suppliers for the supply of following equipment's as per specifications enclosed, to be purchased for a DST-SERB project sanctioned to Dr Anandamay Barik.

Terms & Conditions:

1. The Equipment must be of good quality, hardy and the supplier must provide warranty/cashless after sales service for a period of at least **two years** after installation has been made.
2. The quotation MUST include the FINAL PRICE (inclusive of all; viz, **GST**, **any other tax**, carrying cost, transportation cost, installation cost, discount if any, etc., if any) of the respective equipment's in INR (Indian rupees).
3. The suppliers must also include terms & conditions for the after sales service details possible only at Burdwan (within the Dept. of Zoology, BU), warranty period.
4. All the details along with the quotation must reach the following address on or before 03rd September, 2018 (11.00-4.00 PM). To Dr Anandamay Barik, Associate Professor, Department of Zoology, the University of Burdwan, Golapbag Campus-713104, Burdwan, WB, India.

Item with Specification:

Sr. No.	Item	Specification
1.	***Shaker Incubator*** 455X410X610) mm Cut 4 ft, No of Shelves 3, Capacity-112 lit, Flask capacity 9x250 ml	**SS chamber** 1. Double wall system, Outer MS- Powder coated and Inner Stainless steel. Between two walls are filled with Glass wool insulation. 2. Two Door system – Outer door is MS- powder coated with lock and key system and magnetic door closer. Inner thick transparent acrylic/Plexi glass to view the specimen without disturbing the inner samples. 3. Inside air circulation fan to maintain uniform temperature of the chamber 4. Indirect heating system is provided, comprising of air heaters made of high grade Kanthal A-1 wires of suitable wattage. The warm air is evenly distributed throughout the chamber through efficient motor fans ensuring a very good temperature sensitivity. 5. An energy efficient cooling unit – CFC Free compressor is

		installed 6. CFL Lamps inside the chamber for proper illumination to view the samples 7. RPM – 20 – 250 RPM (RPM Can fluctuate depending in voltage) 8. Temperature –Ambient+5 °C to 60 °C, Accuracy - ±1°C, Resolution – 0.1°C and PT-100 Sensor inside the chamber , Solid state relay 9. Front Control panel can be comprises of Microprocessor based P.ID. Controller, On- Off Switch and Voltmeter (Optional), heating cooling and main Indicator pilot lamps
2.	**Laminar Air Flow 2x2x2 ft**	• Horizontal Or Vertical • Cabinet – Wooden/MS/SS • Work table – 304 SS, Polished • Cleanliness level –Class 100 • Front door – Transparent thick polycarbonate/Acrylic sheet • Cleanliness level –Class 100 • HEPA Filter - 99.999 % efficiency for particles >0.3 µm • Washable prefilter • Statically balanced motor blower Assembly (Heavy Duty) • Noise of the blower is less than 55 dBA & Very low vibration **Standard parts –** • HEPA Filter, • Prefilter, • blower assembly, • UV lamp & Illumination, • pressure manometer, • Gas inlet nozzle • Base to hold the machine

Sd/-
Anandamay Barik
Associate Professor, Department of Zoology
B. U.