

THE UNIVERSITY OF BURDWAN
DEPARTMENT OF ZOOLOGY

Ref. No. Zoo/BU/ 2019/Tender/SNC/01

Dated: 30/06/2019

Sealed Quotations are invited from reputed manufacturers/vendors/suppliers for the supply of following equipment's and other items as per specifications enclosed, to be purchased by the Department of Zoology, the University of Burdwan from budget head of the University (year 2019-20).

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 15th July, 2019 (11.00-4.00 PM). To The Head, Department of Zoology, the University of Burdwan, Golapbag Campus-713104, Burdwan, WB, India.

Item with Specification:

Sl. No.	Item	Specification
1.	Vertical Autoclave	Vertical Autoclave Wing Nut Stainless Steel Internal Tank Capacity 80 Liter Construction Double wall & SS GMP construction Outer Chamber Mild Steel Inner Chamber 304 Stainless Steel Insulation Glass Wool Door / Lid Foot lifted with safety and lid with Wing Nut Equipped with Safety Pressure Release, Weight, and Steam Release/Control Valve. Highly strong and durable vacuum and steam release valves.
2.	Laminar Air Flow	Horizontal Floor Standing Laminar Airflow Air flow: Designed for 0.45m/sec to 0.65m/sec Cleanliness level: Class M 3.5 (US FED 209E) fist-aid quality with aggregates less than 3530 particles per cu.metre of 0.5 microns and larger wherever Class 100 conditions are specified.

		<p>Noise level: Less than 65dB on A scale Connections: 230V AC-1ϕ – 50 Hz, \leq 0.5KW Bio clean Workspacew \times d \times h= 61\times61\times61 Overall Dimension w \times d \times h= 69\times91\times142</p>	
3.	UV trans illuminators (Himedia-LA1047)	<ul style="list-style-type: none"> • Long life Pure-UV quartz filter • 6 High intensity UV tubes • 313nm wavelength 	
4.	Hot Air Oven	<p>Temperature Range: 5$^{\circ}$C above ambient to 150$^{\circ}$C maximum Temperature Accuracy + / - 1$^{\circ}$C Temperature Uniformity + / - 1$^{\circ}$C Controls PID Controller Temp Display Digital Display Safety device Over temperature protection, Electric leakage breaker Temperature safety as per DIN 12880 Class 3.1 Exterior Chamber stainless steel Interior Chamber stainless steel Insulation Mineral Wool Doors Dual door with Solid outer doors w/ silicone rubber gasket & lock Shelves 2 Stainless steel shelves (Removable) Air Circulation Forced air circulation Power Supply 220 Volts Size Inner Chamber(W x D x H) : 455 x 455 x 455 mm</p>	
5.	Microscope	Stand	Single mold sturdy stand with anti-rust materials.
		Viewing Body	Siedentopf Binocular, 45 $^{\circ}$ inclined, 360 $^{\circ}$ rotatable, with adjustable viewing height up to 40mm, IPD 48 - 75mm
		Eyepieces	Wide field 10x/18mm with foldable eye guards, lockable, antifungal
		Nosepiece	Reverse angle quadruple nosepiece
		Objectives	Plan Achromat Infinity objectives 4x, 10x, 40x (spring loaded), 100x (spring loaded, oil), antifungal
		Mechanical stage	Double plate stage 150 x 135mm, X-Y travel range 75mm x 40mm with low-height controls.
		Condenser	Sub stage Abbe condenser NA 1.25 with aspheric lens. Iris diaphragm with blue daylight filter. Rack and pinion movements on metal guides

		Focusing	Coaxial coarse and fine focus on ball drive system for smooth operation
		Illumination	Intensity controlled LED (up to 50,000 hours of LED life)
		Electronics	Universal input 100V - 240V AC, 50/60Hz. Built-in voltage stabilizer

Sd/-
Head, Department of Zoology
B. U.