

Quotation notice No. 1/22-23 dated 7-10-22

Sealed quotations are invited from the manufacturers/authorized distributors for the supply of the under mentioned items for implementing various projects for the year 22-23.

Sl. No.	Name of item	Quantity
1	DELL PowerEdge T40 Intel Xeon E-2224G 3.5 GHz 8M cache, TPM 4 DIMMS, 1 TB, 8 GB, Onboard SATA Raid or Similar Server system with onboard SATA raid/ 8 GB RAM	1
2	Lenovo ThinkCentre ST-250, 8 GB RAM with SATA Onboard RAID excluding HDD or Similar Server system with onboard SATA raid / 8 GB RAM	1
3	Desktop PC with i3/12th/8GB/256GB /M.2 NVME/ 19"/	2
4	UPS 3KVA 200 Ah	1
5	Full HD LED Projector	
6	Desktop PC with i3/12th/8GB-DDR4/256GB M.2/15.6"	1
7	Automated Anaerobic Workstation	1
8	Ion Selective Electrode	1
9	Table top Glass Distillation Unit	1
10	Glass and Polythene Wares	
10	StuDiomaster XR 40HH UHF Dual Hand Wireless Omnidirectional microphone	1
11	StuDiomaster Flex 4- 21" Gooseneck Microphone	2
12	Monitor speaker 30 W	1
13	8 Channel mixer	1
14	50 W Speaker	4
15	Epson EcoTank L3250 A4 Wi-Fi All-in-one Printer Ink tank	2

Detailed Specifications for Automated Anaerobic Workstation (item no. 7)

Model - Benchtop Automated Anaerobic Workstation

Dimensions

Bench Space (W x D x H) (mm) : 800 x 660 x 650
Maximum plate capacity (90 mm Plates) : >250
Working capacity (90 mm Plates) : 200
Area Capacity (Liters) : 300-400 approx

Important FEATURES required

- Advanced carbon filtration system
- Dual gas supply (N₂ and mixed)
- Oxygen Sensor with Display
- Activated Carbon Particles
- LCD Display with control
- Anaerobic indicators
- Sleeve type hand entry system for work
- Fluorescent illumination
- Inspection spot lamp
- Low gas alarm
- Automatic humidity control
- Palladium catalyst
- Petri dish holders
- Adjustable shelves

Nitrogen Pump

In built gas supply system associated with the anaerobic chamber.

Detailed Specifications for Ion Selective Electrode (item no. 8)

Ion 700Metre with integral electrode holder & Fluoride ion Plus Sure flow solid state combination electrode.

- 100/240 VAC adaptor & Measurement range – Saturated to 10⁻⁶ M,
- Saturated to 0.02 ppm,
- Optimum Temperature range: 0 to 80°C,
- Waterproof BNC connector)

Detailed Specifications for Table top Glass Distillation Unit (item no. 9)

- Heater quartz,
- Output-1.5 liter/hour,
- With auto cut-off system,
- Boiler & condenser: Borosilicate
- Power – 3 KW

- Dimensions(w*d*h) = 640*630*440

Detailed Specifications for Glass and Polythene Ware (item no. 10)

Culture tube with polypropylene cap	Capacity-30 mL, Approximate OD*Length(mm) = 25*100mm
Condenser	Coiled, distillate type, graham, drip tip, interchangeable inner (24/29) and outer (24/29) joints, Overall height-450mm, Jacket length-300m
Soxhlet extraction unit	Capacity-200mL, Flask size-500mL, with interchangeable joints, Complies with IS 10640
Micropipette stand	
Pipette stand	
Petri dish	50*12 mm
L rod	6*150 mm
Micropipette fixed volume 10mi	Accuracy - $\pm 0.3\%$
Micropipette fixed volume 5 ml	Accuracy - $\pm 0.3\%$
Micropipette fixed volume 2 ml	Accuracy - $\pm 0.3\%$
Micropipette fixed volume 1 ml	Accuracy - $\pm 0.3\%$
Round bottom flask 250ml	Grade B, Short neck, Interchangeable joints
Standard volumetric flask 1000ml	Grade B
Standard volumetric flask 500ml	Grade B
Standard volumetric flask 250ml	Grade B
Conical flask 1000ml	Grade B
Burette stand	
Filtration stand	

Digestion tube for Kjeld Hal infrared
digestion unit

Quartz digestion tube

Last date of receipt of Quotation- 22-10-22, 3 pm

Sundaresan Pillai

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