

**QUOTATION NOTICE****DEPARTMENT OF ZOOLOGY, UNIVERSITY OF KERALA**

Competitive Sealed quotations are invited for the purchase of the following items with the specifications detailed below. Sealed quotations should be addressed to Professor and Head, Department of Zoology, University of Kerala, Kariavattom campus, Thiruvananthapuram-695581 and should reach on or before 22.12.2022, 04:00 PM.

**1. BOD Incubator (Indian Made) - (1 Nos.)**

Sl. No.	SPECIFICATION	DESCRIPTION
1	Type of Incubator	Cooling Type with digital temperature controller, indicator and interior light.
2	Temp. Range	5 <sup>0</sup> C to 60 <sup>0</sup> C with +/- 0.5 <sup>0</sup> C Accuracy
3	Volume	150L
4	Inner Chamber	Stainless Steel 450 x 400 x 800 mm
5	Number of Shelves	3
6	Sterilization Type	UV Sterilization
7	Application	BOD Test, Culture storage, incubation of microbial and plant culture, Immunological work etc.

**2. Trinocular Microscope with Full HD C-Mount Camera (Indian Made) - (1 Nos)**

Sl.No.	SPECIFICATION	DESCRIPTION
1	Observation Type	Brightfield
2	Microscope Head	Trinocular with 360 <sup>0</sup> Rotation Interpupillary Distance – 48-75 mm
3	Eyepiece	WF 10x/20mm with Dioptic Adjustment
4	Objectives	4x/0.10, 10x/0.25 40x/0.65, 100x/1.25 (water/oil) All with antifungal Treatment
5	Specimen Stage	150x139mm 75x33 x-y movement range Vernier scale
6	Focusing	Coaxial coarse and fine focusing with limit stop mechanism
7	Illumination	Fixed Koehler Type (3.6W LED) with intensity control

3. HD C-Mount Microscopic Camera - (1 Nos.)

Sl.No.	SPECIFICATION	DESCRIPTION
1	Megapixels and Resolution	8Mp, 4K Full HD (3840 x 2160)
2	SD Card Video rec.	Required (30fps)
3	USB & HDMI	Outputs required (USB 2.0)
4	Colour/Monochrome	Colour
5	Sensor size and technology	1/1.8" CMOS
6	Image format	16:9
7	Pixel Size	3.75 x 3.75 mm or above
8	Acquisition Tech.	Rolling Shutter
9	Dynamic Range	66
10	Calibration Slide	Required

**NOTE:** The rate quoted should be inclusive of all taxes. Quotations will be opened at 11:00AM on next working day in the presence of the suppliers or their authorized agents.



  
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