

QUOTATION NOTICE

Sealed quotations are invited from the eligible firms for the supply and installation of **Trinocular Stereomicroscope with camera** for the **Project on the “Assessment of Microplastic Pollution in Aruvikkara Reservoir, Thiruvananthapuram”** in the Department of Environmental Sciences, University of Kerala, Kariavattom Campus, Thiruvananthapuram.

Technical Specification

Zoom Magnification	: 0.65X to 4.5X
Zoom ratio	: 1:7 or better
Zoom magnification click stops	: 0.65X, 1X, 2X, 3X, 4.5X
Eyepiece	: WF10 X / 22mm
Working distance	: 110mm at 0.65 X objective or without objective
Head inclination	: 45°
Interpupillary adjustment range	: 55 to 75 mm (Left / right)
Video camera adaptability	: C Mount (0.5X built in)
Zoom adjustment knob	: Left / right single-shaft horizontal knob
Interpupillary distance	: Required high / low magnification stopper
Mounting diameter	: 76mm
Focusing stroke	: 120mm
Built Light Stand	: Incident and transmitted (LED)
Intensity Control (LED)	: Required

CAMERA FOR MICROSCOPE

Effective Number of Pixels	: 5MP
Interface	: USB 2.0 or better
Sensor Type	: C MOS
Resolution (Maximum)	: 2592 x 1944 pixels @5
Exposure time	: 0.29 ms to 2000 ms or better
Features	: Adjustments,calibration, counting, time lapse, stitching
Warranty	: 3 years

Conditions

1. The rate quoted should be inclusive of Tax, transportation charges and any other charges.
2. Complaints with the items supplied should be rectified /replaced to the satisfaction of the University by the suppliers at their own cost.
3. Payment will be made only after the supply of the items at our own site.
4. The undersigned reserves the right to reject /accept any quotation without assigning any reason.
5. The equipment should be installed in the Department of Environmental Sciences, University of Kerala.

The sealed quotations should reach **‘The Principal Investigator, Assessment of Microplastic Pollution in Aruvikkara Reservoir, Thiruvananthapuram , c/o.Professor and Head, Department of Environmental Sciences, University of Kerala, Kariavattom Campus P.O. Thiruvananthapuram-695 581, Kerala on or before 6/06/2023 at 3.00 p.m.**