Quotation/ Tender Notice

Competitive Quotations/Tenders are invited from the bidders for the purchase of stereo Microscope, for the Department of Zoology, University of Kerala, Kariavattom, Tvm, pin-695581, As per the Technical specifications mentioned. Please forward the tenders with necessary details on or before 5pm on 17/01/2019 to the Dr. Sreejith.P, Assistant Professor, Department of Zoology, University of Kerala, Kariavattom
**Technical Specifications**

Optical System - Greenough/Galilean

Magnification - 6:1, Zoom

Zoom Objective - 0.8×-5×, with click stops at 1x, 2x, 3x, 4x and 5x

Eyepieces - WF 10x/22mm

Diopter Correction - ±5 diopters

IPD - 50-100 mm

Maximum Specimen Height - 1.4” (35 mm)

Working distance – 110mm

Base Size - 290X 245X60mm

Magnification Range - 8x to 100x

Illumination bottom 3.5V/1W LED light, light adjustable separately

Object field diameter - 4.4 to 27.50 mm

Eye guards - Foldable

Auxiliary Objectives - 0.5x, 1.5x, 2x

Reticules - For length measurement & counting

Warranty – 2year

Battery Backup – 1 hour

Acrylic Humidification Chamber

**Camera specification**

Sensor - 2.38 MP IMX236 (C)

Sensor Size - 1/2.8" (5.5x3.4)

Pixel Size - 2.8 x 2.8 um

FPS/Resolution - 60/1920X1080 (HDMI)30/1920X1080 (USB)

Capture Resolution- 2.36 MP (1980x1080) in HDMI Mode

Operating Temperature - 10~ 50(in Cent degree)

Storage Temperature - -20~ 60 (in Cent degree)

Operating Humidity - 30~80%RH
Storage Humidity - 10~60%RH
Power Supply - DC 12V/1A Adaptor

**System specification**

Processor; I-3 or better
OS- Win 10 Pro/ Win 8 Pro/ Win 8.1/Win & Pro 64 bit
UI Operation: With USB Mouse
Image Capture: High Speed in SD Card
Video Record: 1080P 30fps in SD Card
HDD- 1TB
Graphics Card-1 GB Separate
Recording System: Still Picture or Movie (USB)
Capture/Control AP: Standard UVC for Windows/Linux/Mac(USB)
PC Requirements: PC Requirements
CPU: Equal to Intel
Core2 duo 2.5 GHz or Higher,
Memory: 4GBor More
Wifi receiver,
Display: 19” LED orLarger,
Key board, Mouse, Optical Drive, CD-RO