

## **Department of Zoology, University of Kerala, Kariavattom Campus**

Quotations are invited from the competent vendors to supply the following items to the Department of Zoology of the University of Kerala. Please submit the tenders to the Professor and Head, Department of Zoology, University Of Kerala, Kariavattom on or before 4.00pm on 28<sup>th</sup> February 2018

<b>No.</b>	<b>ITEMS</b>	<b>SPECIFICATION</b>	<b>NUMBERS</b>
1	LCD Projector	White light out- put-2700ANSI Lumens Colors 16.7Million colors Contrast ration -2000:1 Throw ratio – 108:1 Focus distance-35”-429” Display size – 30”-300” Computer, Video, USB Compatible	2
2	Centrifuge	Speed 5250 rpm Phase Single Warranty 12 Months against any manufacturing defects Package Content Complete with 6x50 ml (R-82) Swing out Head with graduated glass tubes. Number of Tubes 6 Rotor Capacity6x50 ml Capacity 400 ml Voltage 220-240 V Frequency 50 Hz Head Type Swing out Rotor Head Maximum RCF 3600 g	1
3	Desktop computer	Processor i37100 4GBRAM 1TB HDD 16” Monitor	4

		DVD writer Cabinet with SMPS Key Board Cabinet with SMPS Optical mouce	
4	Cryocan(Liquid nitrogen container)	Capacity-47.3L Static holding time – 4months Cansiter Capacity -11	1
5	Trinocular compound microscope	<p><b>Stand:</b> single mode sturdy stand with anti-rust materials. Extended base with hand rests for enhanced stability and comfort.</p> <p><b>Viewing Bodies:</b> Trinocular tube, 30<sup>0</sup> inclined, 360<sup>0</sup> rotatable, Interpipullary distance 48 – 75 mm.</p> <p><b>Eyepieces:</b> Wide Field focusable paired eyepiece WF 10x/22mm, with foldable eye guard, anti-fungus coating.</p> <p><b>Nosepiece:</b> Reverse angle quadruple nosepiece (Ball bearing type) with click stopsand rubber grip, antifungal coating.</p> <p><b>Objectives:</b> RP series DIN Infinity Corrected Plan Achromatic objectives 4x, 10x, 40x (spring loaded), 100x (spring loaded oil)</p> <p><b>Mechanical Stage:</b> Rackless X-axis, double plate mechanical stage plate size 200x 160 mm, XY travel range 78 x 54 mm. Low drive movement controls. Hard coated surface for scratch resistance.</p>	4

	<p><b>Condenser:</b> Sub-stage Abbe condenser NA 1.25 with aspherical lens and iris diaphragm. Rack and pinion movements on stainless steel guides. Daylight blue filter provided.</p> <p><b>Focusing:</b> Co-axial coarse and fine focusing on ball drive system for smooth operation.</p> <p><b>Illumination:</b> LED Illumination with built-in rechargeable battery.</p> <p><b>Electrical:</b> Input 220V – 240V AC</p>	
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S/d

Professor and Head

20<sup>th</sup> February 2018  
Kariavattom