

**IB NO. 2024-24: PROCUREMENT OF BINOCULAR BIOLOGICAL  
MEDICAL MICROSCOPE AND MICROSCOPE CAMERA**



**SECTION VII-  
TECHNICAL  
SPECIFICATIONS**

## TECHNICAL SPECIFICATIONS

### IB 2024 –24 PROCUREMENT OF BINOCULAR BIOLOGICAL MEDICAL MICROSCOPE AND MICROSCOPE CAMERA

Item	Specifications	Statement of Compliance
		<p><i>[Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]</i></p>
<p><b>A. SUPPLY AND DELIVERY OF BINOCULAR BIOLOGICAL MEDICAL MICROSCOPE AND MICROSCOPE CAMERA</b></p>		
1	<p><b>Binocular Biological Medical Microscope</b>  <b>KEY FEATURES:</b>High contrast and sharp image with high quality optical system, Low environment requirement with Anti-mold technology, Comfortable operation with low position coarse and fine adjustment knobs, ECO function that automatically turn off after 30 min of no use, with cord rest on the back.  <b>TECHNICAL DATA:</b>            Optical System: Infinite Optical System            Eyepiece: WF10x / 20mm, ANTI FUNGUS            Viewing Head: Seidentopf Binocular Head, inclined at 30°, Interpupillary 47-78mm ANTI FUNGUS, Objective: Infinite Semi-Plan Achromatic, Objectives 4x, 10x, 40x, 100x ANTI FUNGUS, Nosepiece: Backward Quadruple Nosepiece, Stage: RACKLESS Double Layers Mechanical Stage 150mm×139mm Moving Range 75mm×52mm, Condenser: Abbe Condenser NA1.25, Focusing: Coaxial Coarse and Fine</p>	

	<p>Adjustment, Fine Division 0.002mm, Moving Range 25mm Illumination: S-LED Illumination with Rechargeable Battery, Brightness Adjustable, ECO Function, automatically turn off after pre-defined time of no use.</p>	
2	<p><b>Microscope Camera</b> KEY FEATURES: Use mouse to control the Camera, Record image and video to SD card, High frame rate of 15fps, 3D Noise Reduction, Set Exposure Time Capability, 1080P Video Recording, mage Comparison Function. <u>TECHNICAL DATA SHEET:</u> Image Sensor: CMOS, Aptina MT9P031 Sensor Size: 1/2.5" Pixel Size: 2.2um × 2.2um Video Resolution: 1920 × 1080 Capture Resolution: 2592 × 1944 Frame Rate: 1920 × 1080 15fps via USB2.0 1920 × 1080 15fps via HDMI Data Record: SD Card (4G) Video Record: 1080p 15fps @ SD Card 1080p 15fps @ PC Scan Mode: Progressive Electronic Shutter: Electronic Rolling Shutter A/D conversion: 8 bit Color Depth: 24bit Dynamic Range: 60dB S/N ratio: 40.5dB Exposure time: 0.001 sec ~ 10.0 sec Exposure: Automatic &amp; Manual White balance: Automatic Settings: Gain, Gamma, Saturation, Contrast Built- in software: Cloud 1.0 version PC software: IS Capture Output model 1: USB2.0 Output model 2: HDMI System Compatible: Windows XP/Vista/ Win 7/Win 8/Win 10 (32 and 64-bit), MAC OSX, Optical port: C- Mount, Power Supply: DC 12V /2A Operational Temp: 0°C~60°C Humidity: 45%-85% Storage Temperature: -20°C~70°C Dimension &amp; Weight: ±5mm*67.2*90.9mm, ±0.2kg</p>	

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Name of Bidder over Printed Name

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Date