



## Notice Inviting e-Tender

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**Supply and Commissioning of Medical equipment for 02 (two) new Government**  
**Medical College & Hospital, Dept. Of Microbiology**

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-151 /2023

Dated- 31.03.2023

### AMENDMENT-I

### REVISED TECHNICAL SPECIFICATION

### SCHEDULE I

Item No.	Item Name	Technical Specification
Item No. 1	Microscopes	Microscope Type: Binocular non hinged type with built in light and with light intensity regulator Optical System: Infinity corrected Eye piece Type: Compensating, (FOV : 20 mm or more) Eye Piece with magnification: Set of Two For Binocular 10x Objective Type (Infinity): Plan achromatic Objective Magnification: 40X to 1000X Numerical Aperture of Objective: 1.25 Number of installations in Central / State / PSU Govt. Hospitals ( Hint: Seller should supply a performance certificate of the device to the buyer in case demanded after placement of order): 3 or more Type of lamp for Illumination: led Warranty: 2 years Objective Magnification: 4X,10X,40X & 100X ( oil immersion) Certification: CE / EC / UK Cert / US FDA / BIS
Item No. 2	Microscope Binocular	Metal body with all critical movements based on ball bearing & wire guides thereby ensuring smooth & precise manipulation. Co-axial low drive mechanical stage (125mm x 145mm) (+/-

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		<p>5 mm) with traverse area of 50 mm x 76 mm (+/- 5mm) with single side holder.</p> <p>Co-axial coarse &amp; fine controls with a focus adjustment and fine adjustment knobs, Coarse Focus range 20 mm. Fine focus range 0.2 mm. Rack &amp; pinion mounted condenser holder.</p> <p>Centerable abbe condenser with aperture iris diaphragm (N.A. 1.25) focusable with rack &amp; pinion through 20 mm and a continuously variable iris diaphragm with a removable blue filter for daylight observation.</p> <p>LED light source High brightness, long life (30,000).</p> <p>Quintuple revolving nosepiece based on precision ball-bearing mechanism with positive click stop.</p> <p><b>Objectives: Plan 4X (N.A 0.10 W.D 25 mm), Plan 10X (N.A 0.25 W.D 5 mm), Plan 40X &amp; Plan 100X.</b> Infinity corrected plan optics, Uniformly centered, Interchangeable &amp; Par focal, Anti-fungus treated, Tropicalised anti fungus treatment ensures image excellence for long periods in conditions, favoring to fungus growth. Binocular (30 deg inclined sidentopf), 360 deg rotatable, dioptr adjustment WF 10X (F.N 18 mm Or better) paired eyepiece and left eyepiece should have eyepiece micrometer. The unique optical design of the compensating eyepiece provides relief from eye fatigue and renders color- compensated wide-field images of utmost clarity.</p> <p>Compatible with optionally available eyepiece micrometer.</p> <p>Certification: CE / EC / UK Cert / US FDA / BIS</p>
Item No. 3	Microscope with universal condenser containing oil immersion, bright field , phase contrast and dark ground	<p>Co-axial low drive mechanical stage (125mm x 145mm)(+/- 5 mm) with traverse area of 50 mm x 76 mm (+/-5mm) with single side holder</p> <p>Co-axial coarse &amp; fine controls with a focus adjustment and fine adjustment knobs, Coarse Focus range 20 mm. Fine focus range 0.2 mm</p> <p>Rack &amp; pinion mounted condenser holder</p> <p>Centerable abbe condenser with aperture iris diaphragm (N.A. 1.25) focusable with rack &amp; pinion through 20 mm and a continuously variable iris diaphragm with a removable blue filter for daylight observation.</p> <p><b>LED light source High brightness, long life (30,000).</b></p> <p>Quintuple revolving nosepiece based on precision ball-bearing mechanism with positive click stop.</p> <p><b>Objectives: Plan 4X, Plan-PH-10X, Plan-PH- 20X, Plan-PH-40X &amp; Plan-PH- 100X (oil) ( Bright field cum Phase Contrast) Turret Phase Contrast Attachment.</b></p> <p><b>Dark field condenser with dark ground annular</b></p> <p>Infinity corrected plan optics, Uniformly centered, Interchangeable &amp; Par focal, Anti-fungus treated, Tropicalised anti fungus treatment ensures image excellence for long periods in conditions, favoring to fungus growth</p> <p>Binocular (30 deg inclined sidentopf), 360 deg rotatable,</p>

Item No.	Item Name	Technical Specification
		dioptr adjustment. Certification: CE / EC / UK Cert / US FDA / BIS