



## Notice Inviting e-Tender

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**Procurement of Surgical Operating Microscope for Dept. of Ophthalmology  
for Burdwan Medical College & Hospital**  
(Submission of Bid through *online*)

**Bid Reference No.: WBMSC/NIT-2/2026**

**Dated-02.01.2026**

### **Amendment-I**

### **Technical Specification**

### **Surgical Operating Microscope for Ophthalmology**

#### **MICROSCOPE:**

- Compact microscope body with high quality & complete apochromatic Optics with 1:6 zoom ratio. Magnification factor 0.4X to 2.4X.
- Focusing range 50mm, Objective lens f=200 mm, 65 mm diameter.
- Binocular tube: Tiltable tube with integrated image inverter from OEM only. External Inverter or third – party inverter not acceptable.
- Eye Pieces: 10X/12.5X with -8D to +5D compensator.
- Deep View: Depth of field management system for optimal depth perception & maximum light transmission.
- Stereo Co-observation tube with inclined binocular tube for teaching purpose.

#### **ILLUMINATION:**

- Stereo Coaxial Illumination system for unique detail recognition, high contrast & stability of red reflex even with strongly pigmented decentered and ametropic eye.
- Retina Protection Device
- Integrated 408nm UV barrier filter & Blue blocking filter.

#### **XY COUPLING:**

- X - Y Coupling with 60 mm x 60 mm adjustable range.
- Motorized foot – controlled X-Y coupling with automatic re-centering with a button.

**SUSPENSION SYSTEM:**

- 14 function wireless/wired foot control, Motorized foot – controlled Zoom and focus with re – centering of focusing position through foot control.
- High quality floor stands with long spring balance suspension arm with effective length of 1 Metre or more having load bearing capacity of at least 14Kg or more.
- Stand should have touch screen LCD display with programming facility for setting the speed of XY, Zoom and focus, Foot Pedal.
- Stand should have cold light fiber Optic illumination 12 v 100 w Halogen lamp/ LED within built lamp housing with two lamps, automatic Lamp change over facility in case of failure of main lamp.

**CCTV ATTACHMENT (from OEM):**

- 1CCD HD integrated Camera to eliminate any additional cabling
- Recorder with USB port, 1 TB HDD, HD LED TV 43".

**WIDE ANGLE RETINA VIEWING SYSTEM: (from OEM).**

- Wide angled non – Contact observation/ viewing system (autoclaveable).
- Field of viewing 120deg, Non-contact Lenses 68 D & 128 D.
- Both lenses should mounted & Interchangeable during surgery.

**Standard & Safety Certification:** Valid CDSCO Certificate License for the manufacturer(s) & Registration Certificate from CDSCO for the importer(s) as applicable.