



Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited
Swasthya Sathi
GN-29, Salt Lake, Sector-V
Kolkata-700091

Phone No (033) 40340307/320
E mail: procurement@wbmsc.gov.in

Supply and Commissioning of Operating Microscope for the Department of ENT, Deben Mahato
Government Medical College and Hospital

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-252/2026

Dated-09.03.2026

2ND Call of Bid Reference Number WBMSCL/NIT-034/2026 Date : 07.01.2026

Amendment I

Revised Technical Specification

Surgical Microscope for ENT

1. Working distance: 200-625mm +/-25mm continuously variable through motorizes multifocal lens, activated through Hand Switch and through control panel. Manual over ride should be available
2. Magnification range: 2.5x -16x with 10x/12.5x eyepiece or higher
3. Zoom: should have 6:1 motorized zoom activated through hand control and control panel.
4. Eyepieces: pair of wide - field for spectacle wearers 10x or 12.5x, with dioptric setting of $\pm 5D$ with adjustable eye cup.
5. Illumination: 300W Xenon illumination with suitable backup. Both the illumination should have **equal illuminated and** independent power supply via fiber optics cable.
6. Illumination field diameter: minimum range 20 to 160 mm. should have built in automatic zoom synchronized illumination field diameter with a manual override and reset feature.
7. Automated illumination control: should have automated Illumination brightness control which is linked to working distance.

8. Main Binocular tube: Tilttable, rotatable, length adjustable (Focal Length in the range of 160 to 170 mm and if the length is increased it should be in the range of 260 to 270 mm) binocular tube for main surgeon with 360 degree rotation facility and with interpupillary adjust from 55 mm to 75 mm
9. Balancing: the system must have touch screen based balancing or one touch automatic balancing of all system axes without adding additional weight. Stand should have min, 6 electromagnetic brakes. Microscope stand should house Xenon Illumination system in it.
10. Control unit: large Graphic LED/LCD display should be of 24 inches or more having facility for adjusting speed of zoom and focus.
11. Hand grips: control for zoom, focusing, recording, light intensity adjustment, joystick control for adjustment of the microscope.
12. Camera: fully Integrated Medical grade 3 Chip Full HD CMOS (1080p) camera for still and video images with HD recording. Camera and Microscope should be of same make.
13. Monitor: Should supply min. 24 inches or more touch screen integrated Monitor for display
14. Microscope should have Stereo Co-Observer attachment lateral with two joints for all axis movement.
15. Certification: operating microscope and essential accessory like camera should be from the same manufacturer.
16. Power supply: 220-240v ac \pm 10% 50 Hz. Supplier has to give an online 1 KVA UPS of reputed make.

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