



Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited
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Procurement, supply and installation of different medical equipment for the Department of Neuro Surgery, Anamoy SSWH, Burdwan MCH in the Hospital and Medical College of the Government of West Bengal
(Submission of Bid through online)

Bid Reference No.: WBMSCL/NIT-898/2025

Dated-07.11.2025

The following amendment have been made in the tender document,

Amendment –I (Revision of Technical Specification)

The revised technical specifications for the item is given below,

High-End Visualization system for Neurosurgery with intraoperative Fluorescence Imaging (Indocyanine Green Angiography, Sodium Fluorescence)

Surgeon Control Robotic System for Neurosurgery-

1. Magnification: Motorized Zoom, Apo chromatic optics, 20X or more for super-microvascular anastomosis
2. Focusing: 200 - 620 mm (± 25) continuously variable working range or more. Magnification linked adjustment of focus speed: electronically adjustable depth of field. Working distance displayed on the touch screen and on the ocular. Manual & motorized focus-lock function. To change the microscope head at any working distance (recommended WD) the focus will remain fixed.
3. Eye piece 10X or 12.5X magnetic wide field eye piece with integrated eye cups for main surgeon binocular tube with diopter correction of +05 to -05D.
4. Main surgeon and for face-to-face attachment binocular tube tiltable 0° to 180° or better. PD adjustment range of 55 -75mm.
5. Stereo co-observation binocular tube with minimum two joints for 180° movement. (3 Headed Setup)
6. Floor stand mobile on antistatic castors. Auto balance or equivalent technology of microscope suspension system or entire system by single touch without the use of additional weight.

7. Suspension system and height: Robotic suspension with capability not less than 07 kg. Height in standby position is not less than 1889 mm.
8. Fully integrated video chain: Integrated 24" or larger HD touch screen or manual Medical Grade Monitor and 3 C-Mos HD medical grade video camera or better with medical grade HD recorder with integrated HDD with HDMI input and output port / system should have video in for external sources.
9. Illumination: 300-watt xenon lamp or better with similar back-up. Integrated light source and light guide. Integrated two-way illuminations. Display of remaining lamp lifetime. Working distance light intensity.
10. Vascular Fluorescence: ICG module should have auto gain technology which means the ICG image cannot be under exposed or overexposed. IR cameras must be fully integrated into head to get optimum Images. ICG images can be injected in eyepieces and can be control/monitor by the navigation system side by side. It should offer unique analysis tools to view and visually assess intra-operative blood flow dynamic data in surgical procedures.
11. Tumor Sodium Fluorescence: The fluorescence mode, where fluorescence objects are emphasized in a greenish – yellow color and the fluorescence can be observed looking through the eyepiece while simultaneously object that are not fluorescent almost completely keep their natural color. The system must give excitation in the wavelength range from 460-500nm and observation in the wavelength range from 540-690nm as it is comfortable to the observer along with distinguish the tumor cell.
12. Power Supply: 110 - 260 V, 50 - 60 Hz.
13. Microscope cover should be provided
14. Certification: Valid CDSCO Certificate License for the manufacturer(s) & Registration Certificate from CDSCO for the importer(s) as applicable.