



Notice Inviting e-Tender

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

Phone No (033) 40340308/412

E mail: procurement@wbmsc.gov.in

Supply & Commissioning of different medical equipment to be used at COVID care facility
(Submission of Bid through *online*)

Bid Reference No.: WBMSCL /NIT- 167/2021

Dated –02.06.2021

The following amendments have been made in the tender document. The changes are highlighted in yellow in the document below,

REVISED TECHNICAL SPECIFICATIONS

SCHEDULE – I

Flexible Intubation Video Endoscope

- Flexible Intubation Endoscope with CMOS / CCD chip on tip for digitally transferring the image to the screen. ~~There should be NO Optical image fiber bundles.~~ Intubation endoscope should display Full Frame 4:3 imaging and not the circular image.
- Adult with outer diameter of scope should be ranging 5.2-5.6 mm with working length of 60 cm or more. Up and down tip deflection should be same ranging 130-140 degrees. Working channel should be 2.2-2.5mm and it should take ETT from 6.0 sizes onwards.

- Flexible Intubation scope should display good quality picture by connecting it with 7 inch or more TFT monitor.
- TFT monitor/Screen/ Laptop monitor should have feature control buttons on the screen with HDMI output for connecting to a big screen.
- Automatic/manual white balance facility should be available.
- Monitor should have a facility to connect flexible scope directly without any special coupler or accessory and at the same time there should be a facility to connect video laryngoscope and can be interchanged with the toggle button present in the monitor.
- Monitor should run on battery, when fully charged should work for more than 100 minutes.
- Documentation of Video & still images should be possible with operating buttons on the scope to be recorded on SD card and USB pen drive present in the monitor.
- It should be light weight, high resolution & portable reusable flexible scope.
- ~~TUBE HOLDER should be a part of standard accessory.~~
- One imported Trolley to hang Scope as well monitor should be provided.
- Grasping and biopsy forceps must be a part standard accessory.
- Airway Guide (cum Bite block) for Oral bronchoscope should be provided with the set.
- Set should include - Suction Adaptors, Cleaning brush & Leakage tester as standard accessories.
- ~~All equipment should be from same manufacture and intubation scope should be reusable.~~
- Suitable for following applications –
 - Bronchoscopy
 - Endotracheal Intubation (Gold standard for Difficult Airways)
 - Foreign body removal
 - Bronchial Lavage
 - Inspection of the Airways

- Dilatation Tracheotomy
- It should be USFDA or European CE approved from notified body.

SCHEDULE – II

DARK FIELD FLUORESCENT PHASE CONTRAST POLARIZED MICROSCOPE WITH CCD AND PHOTOMICROGRAPHY ATTACHMENT

- Optics -ICOS System with up to 1000x magnification, Infinity corrected optical system
- Trinocular Head (Siedentop f type) I. Pre-adjustment 53 mm to 75 mm graduated inclined at 30 degrees
- Photo and Video attachment with sliding 80/20 or 100:0/0:100 beam splitter for attaching Video/ Digital camera, HD Display Monitor (21inch or more)
- Eyepiece - Whitefield eyepiece 10x High eye point, FN 22 or more
- Nosepiece - Quintuple or higher with slot for polarizer attachment.
- Stage-Double plate ceramic coated stage 191 mm (W) x 128 mm (D) with rounded corners and low positioned drop down ergonomic X-Y coaxial controls.
- Condenser - universal Abbe condenser, N.A (1.1 or higher) with iris diaphragm dove tail mount suitable for dark field phase contrast polarizing and fluorescence observations.
- Objectives- U plan 4X/5X, N.A.O.10, ~~W.D.25.9 mm~~, F.N. 22 or more
- Semi Apo plan (Phase objective) 10x, N.A.0.30/0.4, ~~W.D.1.0 mm~~ F.N. 22 or more
- Semi Apo plan (Phase objective) 40x, N.A.0.75/ 0.82, ~~W.D.0.15 mm~~ F.N. 22 or more
- Semi Apo plan 100x oil, N.A. 1.3, ~~W.D.0.2 mm~~ F.N. 22 or more
- Incident illumination with automatic voltage sensing power supply/LED.
- Modular 6 position fluorescence illuminator to be supplied with blue, green and UV excitation chroma filters.
- 100 WHG (Mercury) HBO Lamp (2200L)
- Microphotography attachment with image documentation system.
- 5 MP or better colour CMOS camera with fps 15 and image analysis system.

- Individual calibrations for all magnification are required in a linear measurement and annotation.
- ~~Camera (image sensor 1/1.8" CCD, Pixel Size 3.45 microns x 3.45 microns, frame rate 6fps@ 2080x1542, 12 fps @ 1040x770) should have the capability to capture the fluorescent image simultaneously up to 5 filters with image merging capability.~~

Standard accessories:

- Spare 100 W Mercury Lamp – 01 no. (exempted for bidders offering with LED)
- Standard power cord - 2 nos.
- ~~Spare fuse 3 amp~~
- Polyvinyl dust cover
- Immersion oil
- ~~The above microscope should be upgradable in future with motorized focus and nose piece.~~
- Branded computer with HDMI LED Monitor (21" to higher) with latest version as, CPU and other accessories to be supplied with the microscope.
- UPS for minimum backup of 30 minutes.
- Certification: should have US FDA / European CE (should be model specific mentioning country of origin)
- Should be provided with schematic diagram of the offered microscope.