



Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited
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Kolkata-700091

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Supply and Commissioning of different medical equipment for Department
of Orthopaedics at Murshidabad Medical College & Hospital
(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-264/2023

Dated-22.05.2023

Amendment-I

Schedule-I

REVISED TECHNICAL SPECIFICATION

Double Dome LED OT Light with Camera System

SPCEIFICATIONS:

- Intensity: 1,60,000 + 1,60,000 Lux / 1,80,000 + 1,80,000 Lux
- Shadow less Feature: Yes
- Numbers of LED's: 60 + 60 / 48 + 48
- Intensity Control: 10~100 Digital Capacitive Feather Touch (Fully Remote Controlled)
- Fitting Options Available: All major joint should be 360°
- Spot Diameter: 150-300 mm
- Depth of Light Penetration: Minimum 1200 mm
- Colour Temperature: 3800 - 4800 K (in steps)
- Colour Rendering Index: Minimum 95 Ra, (R9 – 90 or more)
- Focusing: Adjustable (electronically)
- LED Average life: >60000 Hrs.
- Diameter of light: 700 mm
- Power Supply: 220V/50Hz AC

- Power Consumption: 100 Watt
- Optional Special Features: Battery Backup
- **Camera specification(wire):** HD camera system can realize remote consultation, large-screen conference, remote teaching and other functions. Through the Internet, HD camera system can realize remote consultation, large-screen meeting, remote teaching, etc., doctors can record the operating room live, seat training research, online learning precious resources. Image Sensor:1/2.8 or more type CMOS, Resolution:1920x1080, Digital zoom:12x, Optical zoom: central 10 x, external 30x, Megapixel 20 or more.
- **LCD Monitor Specification:** One monitor Size: 26 or more inch HD IPS LCD monitor, Max Resolution:1920*1080,Video Input: SDI*1, S-VIDEO*1,VGA*1,HDMI*1, Video output:SDI-1
One monitor for seminar room of 32 inch or more.
- **SDI recorder and display termination:** Size: 22 inch HD IPS LCD monitor, Local video input:SDI*1,1920*1080 60Hz, 1280*720/60Hz, Resolution:1920*1080/60Hz, Network video input:4 channels, resolution: 1920*1080/30Hz, Video output:VGA*1,HDMI*1, Audio input:1 channel Double track/3.5mm connector, Audio output:1 channel Double track/3.5mm connector, Network: 1 network port 10 MBIT/s, 100 MBIT/s, and 1000 MBIT/s adaptive Ethernet ports, USB connector:1*USB 3.0 connector , 1*USB 2.0 connector, Harddisk: Support 1 SATA connector(default harddisk is 1TB, a disk supports a maximum of 6TB), Communication: 1 RS-485. Recording system should be stand alone with touch screen display.
- Equipment should be USFDA or European CE(4 digit notified body) or BIS approved.