



Notice Inviting e-Tender

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

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Supply and Commissioning of Laparoscopic Surgery System for Department of General Surgery at
M R Bangur Hospital

(Submission of Bid through *online*)

2nd call of Bid Reference No.: WBMSCL/NIT-252/2023; dated-16.05.2023

Bid Reference No.: WBMSCL/NIT-500/2023

Dated-23.08.2023

Amendment-I

REVISED TECHNICAL SPECIFICATION

Laparoscopic Surgery System		
Category	Specification	Bid Requirement
4K Camera (3 chip or equivalent technology)	Resolution of Camera in pixel	3840*2160
	Technology of Camera	Digital Matrix Processing Technology
	Mode of output	Digital
	Method of input	Touch screen/Keyboard
	Video output	DVI/SDI/HDMI

Laparoscopic Surgery System		
Category	Specification	Bid Requirement
High Resolution 4K medical grade monitor	Size of monitor in inches	31.0 or More
	Type of monitor	LED
	Provision of cooling	Passive cooling
	Video input	DVI/ SDI/HDMI
	Video output of monitor	DVI
Light Source (separate console)	Type of Light source	300 watt LED
	Facility of Light Adjustment	Automatic
	Life of light bulb in hours	15000
Fibre optic light cable	Diameter in mm	4.5mm or more
Co2 insufflators	Co2 insufflator provided	Yes
	Flow rate in Liter per minutes	Minimum 40
	Quick and precise continues insufflations	Fully Microprocessor Based
HD documentation System (Record system)	HD Documentation system with real time patient data entry provided	Inbuilt / External
Mobile video cart	Mobile video cart provided	Yes
Miscellaneous Parameters	Number of installation completed in Central / State Government Hospital (Documentary proof regarding installation to be submitted to buyer on demand at the time of supplies)	More than 3
Additional Specification parameters-High definition Laparoscopic Surgery System		
Category	Specification	Bid Requirement
4K Telescopes	30 degree	5mm -1 pcs

Laparoscopic Surgery System		
Category	Specification	Bid Requirement
4K Telescopes	30 degree	10mm-1 pcs
Hand instrument set	Additional Hand instrument	i) Endo Needle Holder – 2 pcs ii) Trocar and cannula 10mm – 4pcs iii) Trocar and cannula 5mm -4 pcs iv) 10-5mm reducer – 2pcs v) Bowel Grasper – 4 pcs vi) Veress Needle- 4pcs (80mm-2 pcs & 120mm- 2pcs), vii) Maryland Grasper – 4pcs, viii) Nontoothed Grasper – 4pcs, ix) Toothed Grasper – 4pcs, x) Portclosure Needle/Suture passer – 2 pcs, xi) Suction Irrigation Cannula 10mm -2pcs, xii) Suction irrigation cannula 5mm – 4pcs, xiii) Monopolar cable – 4pcs, xiv) Bipolar cable- 4pcs, xv) Bipolar Maryland- 2pcs, xvi) Bipolar Grasper- 2pcs, xvii) Endoscissor – 4pcs, xviii) Endostone Forceps – 2pcs, xix) Endoclip Applicator LT 300 - 2pcs, xx) Endoclip Applicator LT 400 -2pcs, xxi) Endoclip Applicator LT 200 - 1pcs, xxii) Crocodile Grasper – 2pcs xxiii) Endobabcock forceps – 2pcs xxiv) Fan retractor- 2pcs xxv) Liver retractor-1pcs
Certification	Certification	Whole system should be European CE (4 digit notified body) / USFDA / BIS approved