



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 Medical Equipment for katwa SDH, Purba Bardhaman

(Submission of Bid through *online*)

2nd call of Bid Reference No.: WBMSCL/NIT-129/2023; dated-15.03.2023

Bid Reference No.: WBMSCL/NIT-193/2023

Dated-24.04.2023

Amendment-I

Schedule-II

Revised Technical Specification

Laparoscopic Surgery Set with Instruments

A	High Definition Laparoscopy System	
	1	High Definition Three Chip / Equivalent technology with high quality Camera System
	2	Camera console 220 v with universal coupler & Autoclavable camera head
	3	Pure Digital signal with high definition video (1280*1024 native resolution)
	4	Resolution -1920 X 1080 or more

	5	8 specialty settings
	6	Integrated Flexible Scope filter
	7	Signal to Noise ratio-70 db
	8	Progressive scan technology both on camera head & console
	9	Brightness Control on console & Camera head
	10	Aperture Control n console
	11	Inbuilt digital image Enhancer on console
	12	Digital zoom & white balance on camera head
	13	Integrated Gain/shutter/Enhancement with brightness control
	14	Two peripheral control on camera head
B	Video Output	
	1	2 DVI and / or HDMI output
	2	2 SVHS & 1 RGB out put
	3	One Composite out put
C	LED Light source (External / integrated)	
	1	LED 300 Watt equivalent to Xenon Light
	2	Bulb working life 30000 hrs or more
	3	Automatic / Manual light adjustment
	4	Stand By Mode
	5	Universal law assembly to adapt any make of fiber optic cable without adapter
D	Fiber optic Cable	
	1	4.8 mm or more feet Snap Fit cable
E	Monitor	
	1	27" or more LED Flat Panel Medical grade Full HD Monitor (IPS)
F	Insufflator	
	1	40 Liter of high flow

	2	Microprocessor controlled unit
	3	Soft Approach Pressure control for safe recovery of abdominal pressure
	4	Gas heating
	5	LCD based central display monitor with multilingual text & graphics
	6	AV warning signal
G	HD telescope for Laparoscopic surgery	
	1	Laparoscopes, Fully Autoclavable with working length 300mm
	2	Wide angled distortion free view
	3	Universal adaptor for other light sources
	4	Yellow Glass index for optimum evenness of focus & contrast (optional)
	5	30 degree, 10mm
H	Specifications (Hand instruments)	
	1	Laparoscope hand instruments (reusable) with 310mm working length, take apart locking/unlocking mechanism, rotatable with interchangeable handle with monopolar diathermy attachment (Except trocars and veress needle)
	2	Veress needle 15 cm length - 4 nos.
	3	Carbon-di-oxide gas heating tubing - 4 nos.
	4	Trocars sleeves 11 mm - 4 nos.
	5	Reducer 11/5 mm - 2 nos.
	6	Trocars sleeves 5.5 mm - 4 nos.
	7	Trocars (pyramidal tip) 10 mm - 4 nos.
	8	Trocars (pyramidal tip) 5mm - 4 nos.
	9	Trocars washer 5 mm - 100 nos.
	10	Trocars washer 10 mm - 50 nos.
	11	Maryland dissector 5mm with unipolar diathermy - 2 nos.
	12	Maryland dissector 5mm, high performance with bipolar- 1 nos.
	13	Atraumatic graspers, 5mm - 2 nos.
	14	Metzenbaum scissors (5cm) with unipolar diathermy - 2 nos.

	15	Fan retractors 5 mm - 1 nos.
	16	L shaped hook electrode 5mm
	17	Laparoscopic bowel grasper 5mm. length 33-36 cm - 2 nos.
	18	Laparoscopic spoon forceps 10mm length 33-36 cm - 2 nos.
	19	Needle holder 5mm, 33 cm long - 2 nos. (Curve and Straight handle)
	20	Laparoscopic suction cannuala, 10 mm - 2 nos.
	21	Laparoscopic suction cannuala, 5 mm - 2 nos.
	22	Clip applicator 10 mm Large, Medium, Small Clips - 1 nos. each size
	23	Gall bladder extraction 10 mm - 1 nos.
	24	Hassan Cannula - 1 nos.
	25	Sterilization tray with cover 3 x 1
Note		Whole system should be European CE (4 digit notified body) & USFDA /BIS approved.