



Notice Inviting e-Tender

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SUPPLY AND INSTALLATION OF LAPAROSCOPE SURGERY SET WITH INSTRUMENT IN THE HOSPITALS AND MEDICAL COLLEGES OF THE GOVERNMENT OF WEST BENGAL.
(Submission of Bid through *online*)

Bid Reference No.: WBMSCL /NIT-294/2024

Dated –22.05.2024

The following amendment have been made in the tender document,

Amendment –III (Revision of Technical Specification)

The revised technical specifications for the item is given below,

Laparoscopic Surgery Set with Instruments

A	High Definition Laparoscopy System	
	1	High Definition Three Chip or equivalent with high quality Camera System
	2	Camera console 220 v with universal coupler & Autoclavable camera head
	3	Pure Digital signal with high definition video (1920 X 1080 native resolution)
	4	Resolution -1920 X 1080 or more
	5	8 specialty settings / Customized setting
	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 or HDMI or SDI output
C	LED Light source (External / integrated)	
	1	LED 300 Watt equivalent to Xenon Light
	2	Bulb working life 10000 hrs or more
	3	Automatic / Manual light adjustment
	4	Stand By Mode
	5	Universal law assembly to adapt any make of fiber optic cable with 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 or LED based central display monitor
	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 1 1/5 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 cannula, 10 mm - 2 nos.
	21	Laparoscopic suction cannula, 5 mm - 2 nos. (trumpet type)
	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

	26	Laparoscopy trolley to be supplied with the machine
	27	Safety trocar 10mm – 2 nos.
	28	Aspiration needle – 1 no.
	I	Inbuilt or external medical grade video recording system (Full HD)
	Note	Whole system should be CDSCO and European CE (4 digit notified body) / USFDA /BIS approved.
		All hand instruments should be with ratchets (where ever applicable)