

Response To Pre-Bid Queries			
GEM/2022/B/2116648			
Laparoscope instrument Set & Laparoscopy hardware			
Tender Para	TENDER SPECIFICATION	RESPRESENTATION RECEIVED FROM THE FIRMS	COMMITTEE RECOMMENDATION
3.1	CAMERA CONTROL UNIT & CAMERA		
e	The system should have optical zoom & Digital zoom	UPTO 2X OPTICAL AND DIGITAL	No change considered
f	System should be able to optimize all the settings and should be ready as soon as connected to camera control unit with automatic brightness control Camera control unit should be compatible with full HD three chip camera heads. In case of downtime standby unit provided should also be of full HD three chip camera head.	CAMERA SHOULD ALSO HAVE PROVISION OF HAVING CONNECTIVITY OF VIDEO FLEXIBLE SCOPES	No change considered
a	3 x 1/3 Progressive scan CCD or 3 x 1/3 Progressive scan CMOS	We suggest for 3Chip CCD/CMOS Full HD camera Reason: 3 Chip Full HD camera provides high contrast & better colour reproduction for proper tissue differentiation and identification of anatomical landmarks to avoid surgical complications. We understand that our competitor raised point to change it to 1chip Full HD camera head but 3 chip is old, proven & established technology for Full HD Laparoscopy system ccd or cmos	3 chip full HD camera (CCD or CMOS) with progressive scan
g	Facility of direct recording into external storage from camera HUB should be available	in built recorder or external recorder from the same OEM	No change considered
3.2	MONITOR	1/ From the same OEM	No change considered
3.4	CO2 Insufflator		
2	Adjustable flow rate of 45 litres per minute or more and pressure range adjustable between 0 to 30 mm Hg	We request you to kindly amend pressure range as 3-25mm Hg We request you to kindly amend it as high flow CO2 insufflator with flow rate of 45 litres or more Remarks: Flow rate capacity of insufflator is not mentioned Adjustable flow rate of 50 litres per minute or more and pressure range adjustable between 0 to 30 mm/hg	Adjustable flow rate of 45 litres per minute or more and pressure range adjustable between 3 to 25 mm Hg
3.5	LED LIGHT SOURCE		
1	LED light source equivalent to 300 W Xenon lamp or 300 W LED Light source	IF XENON BULB TO BE QUOTED ADDITIONAL LAMPS TO BE PROVIDED FOR AT LEAST 10000 HRS BACKUP. FROM THE SAME OEM((EQUIVALENT OF 300 WATT XENON)	No change considered
2	Manual and automatic adjustment of light intensity	AUTO LIGHT INTENSTY CONTRO)	No change considered
4	Minimum 20000 hours lamp life	We request you to kindly amend it as Lamp life should be 10,000 hours or more and it should be covered under 5 years warranty Reason: Since there is no lamp life indicator in LED Light Source, hence it cannot measure the lamp life like Xenon Lamp	No change considered
3.8	IMAGE MANAGEMENT SYSTEM		
a	Documentation system for digital storage of still images, video sequences and audio files	From the same OEM	No change considered
b	Resolution of still images should be 1920x1080 and HD video	INBUILT/EXTERNAL DEVICE WITH PATIENT DATA ENTRY	No change considered
n.	It should have latest compatible operating system & color laser printer	We request you to kindly make color laser printer as optional Remarks: along with dedicated Image Management System we also request you to kindly add printer and computer with recording software separately for report generation and print out from non-sterile field We request you to kindly make color laser printer as optional Remarks: We request besides Image Management System kindly ask printer and computer with recording software separately to create report and take print out outside from non-sterile field	No change considered
3.1	HAND INSTRUMENTS & OTHER ACCESSORIES		
	Angled 90°, diameter 4.8 mm, free rotatable, to connect with standard telescopes	We request you to kindly amend it as Angled 90°, adapter to connect with Telescopes Remarks: Adapters should be compatible with Supplied Telescopes	No change considered
	suggested by bidder	We also suggest to kindly add Camera Control Unit should be compatible with Flexible & Rigid Surgical Video scopes (Choledocho-video, Cysto-video, Uretero-video and Laryngo-video) from same manufacturer.	No change considered

	Two ways Suction and Irrigation cannula Size 5mm, length 33-36cm, used with suction and irrigation handle and handpiece with stopcock - 2 nos Size 10mm, length 33-36cm, used with suction and irrigation handle and handpiece with stopcock- 2 nos	SUCTION OR IRRIGATION TUBE, WITH PROTECTION BASKET, WITH TRUMPET VALVE, SIZE 10 MM, LENGTH 33-36 CM - 2 NOS	No change considered
	Needle Aspirator Size 5mm, length 30- 36cm, Needle diameter of 1.5-2 mm	Size 5mm, length 30- 36cm, Needle diameter of 1.2-2 mm	No change considered
	Extracorporeal Knot pushers closed Eye type, length 28-33 cm, size 3-5 mm	closed Eye type, length 28-36 cm, size 3- 5 mm	No change considered
	Clip Applicator - Large Rotatable, provision for locking the shaft conveniently, 10mm, compatible with clip LT 400	Quote Different brand or delete	No change considered
4.1	System as specified. Telescope, Light source, Camera Head, Image Management system and CO2 insufflator should be of same make. Remaining items video cart, suction & irrigation unit, Video Monitor and hand instruments can be from other manufacturers and the manufacturer should have ISO 13485 certification	Try for All Equipment from Same Manufacturer	No change considered