

**Response To Pre-Bid Queries (Pre-Bid date: 24.04.2018)**

**NIB Ref: HITES/PCD/NCI-AIIMS/14/18-19 Dated: 13.04.2018**

**Schedule No. 20 (Rfx/Event number 3000002796) Video Laparoscopy Set HD System**

Sl. No	Reference to the bidding document	Specification/Clause of the bidding documents	Name of firms	Queries/Clarification asked by firms	Recommendations/replies by the Committee
	Page 91	Please refer to the Note provided at the end for the Technical Specifications, Complete set of equipments should be quoted of same make/manufacturer otherwise the bids shall be summarily rejected			Amended as: Camera system, light source, monitors, Telescopes, Insufflator should be of same make
	Page 91 Para 2	LED/Xenon light source with 300 watts Standby Mode TOGGLE MODE FOR WHITE LIGHT & ICG/IR/ENV superficial layer of mucosa for early detection of lesions Light source should be compatible for ICG/IR/ENV	Stryker	ICG based LED 300Watt/ICG based xenon light source with 300 watts. In case of xenon 10 extra bulbs shall be supplied to compensate the lamp life of LED Vs Xenon	Amended as: Xenon light source 300 watts Standby Mode TOGGLE MODE FOR WHITE LIGHT & ICG/IR/ENV superficial layer of mucosa for early detection of lesions Light source should be compatible for ICG/IR/ENV Added Para: Should be supplied along with 3 nos. light guide cables 3mtr or more length
		Added Para:			Added Para: Para 2a: LED light source with 3nos. light guide cables of 3mtr or more length - 1 no. Deleted
	Page 91 Para 3	Fiber Optic Light Cable - 2 nos.			
	Para 4	High Definition LED/LCD 26" or more Flat Panel Monitor	Stryker	High Definition LED 26" or more Flat Panel Monitor. LCD monitor is an older technology	No Change
	Para 5	ENV/ICG /IR Fleurosense compatible Telescopes Angle of view: 0°, 30°, Diameter 10 mm, Length 28 - 30cms, Autoclavable	Stryker	Angle of view: 0°, 30°, Diameter 10 mm, Length 28 - 33cms, Autoclavable	Amended as: ENV/ICG /IR Fleurosense compatible Telescopes Angle of view: 0°, 30°, Diameter 10 mm, Length 28 - 33cms, Autoclavable - 1 no. each



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6.I	Hopkins Forward-Oblique Telescope 30° enlarged view, diameter 10 mm, length 30-33 cm, autoclavable, fiber optic light transmission incorporated.	Stryker	Hopkins (This word Hopkins should be removed) & HD forward oblique HD telescope 30 deg enlarged view, diameter 10mm, length 30-33cm, autoclavable, fiber optic light transmission incorporated	<b>Amended as:</b> Forward-Oblique Telescope 30° enlarged view, diameter 10mm, length 29-33 cm, autoclavable, fiber optic light transmission incorporated.
6.II	Hopkins Forward-Oblique Telescope 30° enlarged view, diameter 5 mm, length 30-33, autoclavable, fiber optic light transmission incorporated	Karl storz	Kindle amend the length from 29cm -33cm.	<b>Amended as:</b> Forward-Oblique Telescope 30° enlarged view, diameter 5 mm, length 29-33cm, autoclavable, fiber optic light transmission incorporated
6.III	Hopkins Straight Forward Telescope 0° enlarged view, diameter 10 mm, length 30-33 cm, autoclavable, fiber optic light transmission incorporated.	Stryker	Hopkins (This word Hopkins should be removed) & HD forward oblique HD telescope 0 deg enlarged view, diameter 10mm, length 30-33cm, autoclavable, fiber optic light transmission incorporated	<b>Amended as:</b> Forward Telescope 0° enlarged view, diameter 10 mm, length 29-33 cm, autoclavable, fiber optic light transmission incorporated
6.IV	Hopkins Straight Forward Telescope 0° enlarged view, diameter 5 mm, length 30-33 cm, autoclavable, fiber optic light transmission incorporated.	Karl storz	Kindle amend the length from 29cm -33cm.	<b>Amended as:</b> Forward Telescope 0° enlarged view, diameter 5 mm, length 29-33 cm, autoclavable, fiber optic light transmission incorporated
6.V	Hopkins Telescope 45°, enlarged view, diameter 10 mm, length 30-33 cm, autoclavable, fiber optic light transmission incorporated	Stryker	Hopkins (This word Hopkins should be removed) & HD forward oblique HD telescope 45 deg enlarged view, diameter 10mm, length 30-33, autoclavable, fiber optic light transmission incorporated	<b>Amended as:</b> Telescope 45°, enlarged view, diameter 10 mm, length 29-33 cm, autoclavable, fiber optic light transmission incorporated
6.VI	Hopkins Telescope 45°, enlarged view, diameter 5 mm, length 30-33 cm, autoclavable, fiber optic light transmission, incorporated	Stryker	Hopkins (This word Hopkins should be removed) & HD forward oblique HD telescope 45 deg enlarged view, diameter 5-5.5mm, length 30-33, autoclavable, fiber optic light transmission incorporated	<b>Amended as:</b> Telescope 45°, enlarged view, diameter 5 mm, length 29-33 cm, autoclavable, fiber optic light transmission, incorporated
7	High Flow Co2 Gas 45 L/min or more Insufflator:	Karl storz	Kindly amend this to "30 L/min or more" as 45L/min is used for bariatric surgery.	<b>No Change</b>
	Powerful Insufflation flow rate of 45 L/Min or more required	Karl storz	Kindly amend this to "30 L/min or more" as 45L/min is used for bariatric surgery.	<b>No Change</b>
	Should have automatic or manual smoke evacuation facility.	Karl storz	Should have smoke evacuation available in the system or separate smoke evacuation system should be offered	<b>Amended as:</b> Should have smoke evacuation available in the system or separate smoke evacuation system should be offered

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	Automatic feedback control for any malfunction. Automatic gas heating to body temperature	Stryker	Automatic feedback control for any malfunction. Automatic Internal gas heating to body temperature	Amended as: Automatic feedback control for any malfunction. Automatic gas heating to body temperature through either inbuilt heating system or through external heating system
	High Flow O <sub>2</sub> Gas 45 L/min or more Insufflator Added Para:			Added Para: Insufflator tubing set - 3 sets should be supplied with each Insufflator
8	Suction Irrigation pump Should have Suction pressure: 0-600mmHg or more	Karl Storz	Kindly amend this to "non-regulated: max. (-)0.75 bar (-75 kPa)".	Amended as: Should have Suction pressure: 0 to -550 mmHg or more
	Suction Irrigation pump: Added Para:			Added Para: Suction Irrigation tubing set - 3 sets to be supplied with each suction Irrigation machine
Para 9	Trolley from OEM			Amended as: Trolley should be from same principle manufacturer
10	All the items should be compatible with each other & ENV/ICG/IR technology, All the items (CAMERA/ LIGHT SOURCE/MONITOR/ FIBRE OPTICABLE & Trolley) should be of same make/ manufacturer for system compatibility, all items should be USFDA OR European CE certified with 4 digit notified body number , Certificate should be submitted with tender documents.	Karl Storz	Kindly add that atleast 80% hand instrument must be from same manufacturer.	Amended as: All the items should be compatible with each other & ENV/ICG/IR technology. Camera system, light source, monitors, Telescopes, Insufflator should be of same make for system compatibility. Trolley should be from same principle manufacturer. All items should be USFDA OR European CE certified with 4 digit notified body number , Certificate should be submitted with tender documents.
12	Laparoscopy Instruments Set	as per pre-bid discussion		Deleted
12.a	Single piece instruments: (Qty 2 nos. each)	Stryker	Video laparoscopy camera endovision system & laparoscopy hand instruments should be asked separately, there should two separate schedules. Schedule A video laparoscopy camera endovision system with recorder and another for Schedule B. Laparoscopy hand instruments	Deleted
		Karl Storz	Kindly revise it to three piece instruments: (Qty 2 nos. each).	Deleted

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	All the instruments should have ergonomic Ring Free handle design to ensure convenient and fatigue free work, larger wheel knob for increased control of 360 degree rotational movement, should be able to use with or without ratchet, non-dismantling, without connector pin for coagulation, double action jaws.	Karl storz	All the instruments should be dismountable into three parts i.e. handle, outer sheath and inserts.	Deleted
12.b	General Specifications for 3 piece instruments (Qty 2 nos. each)	Stryker	Video laparoscopy camera endovision system & laparoscopy hand instruments should be asked seperately, there should two seperate schedules. Schdule A video laparoscopy camera endovision system with recorder and another for Schedule B. Laparoscopy hand instruments	Deleted
12.c	Trocar & Cannula: Qty 2 nos. each	Stryker	Video laparoscopy camera endovision system & laparoscopy hand instruments should be asked seperately, there should two seperate schedules. Schdule A video laparoscopy camera endovision system with recorder and another for Schedule B. Laparoscopy hand instruments	Deleted
12.d	Veress Needle	Stryker	Video laparoscopy camera endovision system & laparoscopy hand instruments should be asked seperately, there should two seperate schedules. Schdule A video laparoscopy camera endovision system with recorder and another for Schedule B. Laparoscopy hand instruments	Deleted
12.e	Injection Needle	Stryker	Video laparoscopy camera endovision system & laparoscopy hand instruments should be asked seperately, there should two seperate schedules. Schdule A video laparoscopy camera endovision system with recorder and another for Schedule B. Laparoscopy hand instruments	Deleted
12.f	Suction and Irrigation Tube- Qty -2nos	Stryker	Video laparoscopy camera endovision system & laparoscopy hand instruments should be asked seperately, there should two seperate schedules. Schdule A video laparoscopy camera endovision system with recorder and another for Schedule B. Laparoscopy hand instruments	Deleted









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12.g	Laparoscopic needle holders – Qty 2 nos. each	Stryker	Video laparoscopy camera endovision system & laparoscopy hand instruments should be asked separately, there should two separate schedules. Schedule A video laparoscopy camera endovision system with recorder and another for Schedule B. Laparoscopy hand instruments	Deleted
12.h	Laparoscopic Bipolar Forceps – Qty 2nos. each	Stryker	Video laparoscopy camera endovision system & laparoscopy hand instruments should be asked separately, there should two separate schedules. Schedule A video laparoscopy camera endovision system with recorder and another for Schedule B. Laparoscopy hand instruments	Deleted
12.11	Dissecting-Electrode L-tip, size 5 mm, length 36 cm, with connector pin for unipolar coagulation	Karl storz	Can not be three piece.	Deleted
12.11	Exchangeable Electrode Tip, L-Shaped	Karl storz	Can not be three piece.	Deleted
12.13	Unipolar HF Cord 4mm, 30cm	Karl storz	Can not be three piece.	Deleted
12.14	CUSCHIERI Retractor, size 10 mm, length 36cm	Karl storz	Can not be three piece.	Deleted
Para 13	IMAGE/VIDEO RECORDING AND DATA ARCHIVING SYSTEM – Qty-1 no	Stryker	The recorder should be a part of endovision system Recorder specifications should be simpler	Amended as: IMAGE and VIDEO RECORDING AND DATA
13.1	FULL-HD(1080P) IMAGE and Full HD(1080P) VIDEO RECORDING AND DATA ARCHIVING SYSTEM	Karl storz	Recording system should be 2D, 3D & 4K compatible.	No Change
13.2	BI-AMPLIFIED ACTIVE LOUDSPEAKER -1	Karl storz	Delete	Amended as: BI-AMPLIFIED ACTIVE LOUDSPEAKER (100Watt) -
13.3	WIRELESS HEADMIC-1	Stryker	Should be removed	Amended as: Wired/WIRELESS HEADMIC-1
13.4	1-WAY AUDIO VIDEO STREAMER-1	Karl storz	Should be removed	Deleted
		Stryker	Should be removed	
	Should captures still images, video sequences and audio files	Stryker	Should captures still images, video sequences	Amended as: Should captures still images, video sequences
	Writes multi-session and multi-patient CDs/DVDs	Karl storz	Delete	Amended as: Writes multi-session and multi-patient CDs/DVDs/USB
	Controllable via Touch Screen, camera head buttons, footswitch mouse and keyboard	Stryker	Should be removed	Amended as: Controllable via Touch Screen or camera head buttons or footswitch mouse or keyboard
	HIPAA compliant	Karl storz	Delete	Deleted

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		Stryker	Should be removed		Deleted
	Motherboard: Embedded FLEX-ATX	Karl storz	Delete		Deleted
		Stryker	Should be removed		
	Microprocessor: Intel® Core 2 DUO T7400	Karl storz	Delete		Deleted
		Stryker	Should be removed		
	Graphic: Intel® Extreme Graphics 2 Controller	Karl storz	Delete		Deleted
		Stryker	Should be removed		
	Grabber-card: DVI-D, S- Video, Composite;	Karl storz	Since our platoform is advanced & latest . Interface is HDMI/DVI & Display Port.		Deleted
		Stryker	Should be removed		
	Audio: AC97/DD5.1 onboard	Karl storz	Delete		Deleted
		Stryker	Should be removed		
	RAM: 2 GB DDR2 PC800	Stryker	Should be removed		Deleted
		Stryker	Should be removed		
	Hard disk: 500 GB SATA 3.5"	Karl storz	Internal Hard Disk 2TB & more.		Hard disk: 500 GB or more internal memory & 2 TB or more external hard disk
		Stryker	Internal storage should be 1 TB or more		Deleted
	Drive: Slim SATA Blu-Ray/DVD RW/+R	Karl storz	Delete		Deleted
	Grabber-card: DVI-D, SDI, S- Video, Composite	Karl storz	Since our platoform is advanced & latest . Interface is HDMI/DVI & Display Port.		Deleted
		Stryker	Should be removed		
Para 14	The DICOM 3 interface should be installed in the system in order to allow the surgeon to view all the DICOM 3 images stored in the PACS system on a digital light box within the	Karl storz	please clarify whether you need to be inbuilt with recording system or software in separate PC. We recommend separate PC wit software.		Deleted
Para 15	Prices for all accessories & consumables should be quoted separately and prices to be fixed for 5 years	Stryker	Should be removed		
		Karl storz	It is not possible to fix the price for consumables for five years, however it is possible to fix for one year and thereafter an increment of 15% hike every year is possible. Kindly mention in BOQ.		Deleted
BOQ SI.no.2	Light Source as per technical specifications - 1 no.				Amended as: Xenon Light Source as per technical specifications - 1 no.
	Added Para BOQ:				Added Para BOQ SI.no.2a LED light source as per technical specifications-1 no.
BOQ SI.no.3	Fiber Optic Light Cable as per technical specifications - 2nos.				Amended as: Deleted











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BOQ Sl.no.10	I. Hopkins Forward-Oblique Telescope 30° enlarged view, diameter 10 mm, length 30-33 cm, autoclavable, fiber optic light transmission incorporated - 2nos.			<b>Amended as:</b> Forward-Oblique Telescope 30° enlarged view, diameter 10 mm, length <b>29-33 cm</b> , autoclavable, fiber optic light transmission incorporated - 2nos.
BOQ Sl.no.11	II. Hopkins Forward-Oblique Telescope 30° enlarged view, diameter 5 mm, length 30-33, autoclavable, fiber optic light transmission incorporated - 2 nos.			<b>Amended as:</b> Forward-Oblique Telescope 30° enlarged view, diameter 5 mm, length <b>29-33cm</b> , autoclavable, fiber optic light transmission incorporated - 2 nos.
BOQ Sl.no.12	III. Hopkins Straight Forward Telescope 0° enlarged view, diameter 10 mm, length 30-33 cm, autoclavable, fiber optic light transmission incorporated - 2 nos.			<b>Amended as:</b> Forward Telescope 0° enlarged view, diameter 10 mm, length <b>29-33 cm</b> , autoclavable, fiber optic light transmission incorporated - 2 nos.
BOQ Sl.no.13	IV. Hopkins Straight Forward Telescope 0° enlarged view, diameter 5 mm, length 30-33 cm, autoclavable, fiber optic light transmission incorporated - 2 nos.			<b>Amended as:</b> Forward Telescope 0° enlarged view, diameter 5 mm, length <b>29-33 cm</b> , autoclavable, fiber optic light transmission incorporated - 2 nos.
BOQ Sl.no.14	V. Hopkins Telescope 45°, enlarged view, diameter 10 mm, length 30-33 cm, autoclavable, fiber optic light transmission incorporated - 2 nos.			<b>Amended as:</b> Telescope 45°, enlarged view, diameter 10 mm, length <b>29-33 cm</b> , autoclavable, fiber optic light transmission incorporated - 2 nos.
BOQ Sl.no.15	VI. Hopkins Telescope 45°, enlarged view, diameter 5 mm, length 30-33 cm, autoclavable, fiber optic light transmission, incorporated - 2 nos.			<b>Amended as:</b> Telescope 45°, enlarged view, diameter 5 mm, length <b>29-33 cm</b> , autoclavable, fiber optic light transmission, incorporated - 2 nos.
BOQ Sl.no.16 to 55	Laparoscopy Instruments Set :			Deleted







