

Amendment no. 03 Dated 19.12.2018

HSCC/PUR/CNCI/Kolkata/Medical Equipment/07 dt. 05.11.2018

Procurement of Medical Equipment CNCI 2nd Campus

All bidders are requested to note the following:

Name of Item	Last date & time sale/downloading of Tender document	Last closing/submission date & time for receipt of tender	Date of opening of Techno – Commercial bids.	Earlier date of opening	Amendment Status for opening date
4.Laparoscope set Operative with one endo vision system and insufflator system(one camera for two sets) 5.OT Table (imported)	02.01.2019, up to 13.00 hrs IST	02.01.2019, 14.00 hrs IST	02.01.2019, 14.30 hrs IST	21.12.2018	Date Extended

All other terms and conditions of the tender enquiry document shall remain unchanged. Prospective bidders are advised to regularly visit HSCC website/ CPP as corrigendum /amendments etc. if any, will be notified on this portal only, no separate advertisement will be published in the news papers.

**Sr. CGM-I, HSCC (I) Ltd
For & on behalf of Director CNCI, Kolkata**

Item no 4

Laparoscopic Instrument Set with Full HD Camera System and inbuilt recording

facility

Laparoscopes 10mm AND 5mm

Telescope 30° 10MM : 01 pc

Forward oblique 30 degree enlarged view, size: 10 MM
rod lenses system, Length:30- 31 cm, Autoclavable, Fiber optic light transmission
incorporated.

Telescope 30° 5MM: 01 pc

Forward Oblique Telescope 30° enlarged view, size: 5.0mm
rod lenses system ,Length:29-30 cm, Autoclavable, Fiber Optic Light Transmission
Incorporated

HAND INSTRUMENTS

Item with Specification.	Qty	
Trocar & Cannula 11MM : Cannula size : 11 mm diameter ; should have multifunctional valve and automatic valve to prevent damage of sharp instruments and quipme tip lens while passing through the cannula valve. It should have stopcock for CO2 insufflation. Trocar should have pyramidal tip with pin holes near the tip for safety outlet of CO2 gas.The working length of the canula should be 100-110 mm.	02	
Trocar & Cannula 6MM : Cannula size : 6mm diameter ; should have multifunctional valve and automatic valve to prevent damage of sharp instruments and quipme tip lens while passing through the cannula valve. It should have stopcock for CO2 insufflation. Trocar should have pyramidal tip with pin holes near the tip for safety outlet of CO2 gas. The working length of the canula should be 100-110 mm.	02	
Reducer 11-5mm	01	
Veress Needle: Veress needle of working length10cmm with luer lock one each	01	
Grasping Forcep Fenestrated curved: Atraumatic, fenestrated, curved grasping forcep with unipolar connection, insulated sheath, handle without ratchet. Should be dismantable into three parts namely, outer tube, handle and inserts. Length between 35-36cm, size: 5.0mm	01	
Grasping Forcep Non Toothed Straight: Atraumatic, straight grasping forcep with unipolar connection, insulated sheath, handle without ratchet. Should be dismantable into three parts namely,	01	

outer tube, handle and inserts. Length between 35-36cm, size: 5.0mm		
Bowel Grasping Forcep: Bowel Grasper fenestrated, size: 5.0mm, length 5-36cm, handle with ratchet, insulated shaft.	01	
Unipolar curved Kelly dissecting and Grasping Forcep: Kelly curved dissecting and grasping forceps insulated, atraumatic, working length 36 cm, size: 5mm,dismountable into handle, insert and working tube. Handle without ratchet.	01	
Unipolar Tooth Grasping Forcep: Tiger Jaw 2x4 teeth insulated. Dismantable into different parts, insert, handle and working tube, Working length of 36 cm, size: 5mm. Handle with ratchet.	01	
Scissor curved Unipolar: METZENBAUM curved scissor 10mm, length of blade 12mm, connection for unipolar HF cable, dismantable into insert, tube and handle. Working length 36 cm, size: 10mm, handle without ratchet.	01	
L-shaped hook dissector with unipolar HF connection.	01	
Claw Forcep: 10 mm claw forcep 2x3 teeth short with ratchet.	01	
Clip Applicator: Medium Large clip applicator dismantable rotating size: 10mm, length 36cm, for Titanium clips with ratchet to lock the jaw holding the clip.	01	
Two Way Suction irrigation cannula, size: 5mm	01	
Puncture Needle, size: 5mm, length 36cm	01	
Unipolar HF Cable: Unipolar HF cable suitable to connect with forcep and electrosurgical unit.	01	
Fan retractor: Fan retractor with simple opening of the fan by axial movement of the outer sheath, dismantable and distendable, size: 10mm, length: 36cm	01	

All the instruments should be USFDA & European CE certified

All instruments should be from same manufacturer

All instruments should be fully autoclaveable & reusable

The scopes should have standard couplers compatible to all international camera systems

High Definition Camera System, with integrated USB recording system

S. No	Specification
1	Three Chip High definition Camera System
	<p>The system should be truly Digital HDTV endoscopic video camera. The system should have the maximum Resolution of 1920 X 1080 pixels, progressive scan and the consistent use of 16: 9 formats for Input & Output to guarantee genuine HDTV.</p> <ul style="list-style-type: none"> The system should have facility of Optical & Digital Zoom lens to enhance the quality of Image size & cross specialty usage of the camera system, regardless of the telescope used. USB Port for Capturing FULL HD Videos/ HD Stills in External USB drive and direct interface of USB Printer to facilitate direct printouts.

	<ul style="list-style-type: none"> • System should have facility of controlling additional equipments like light source/ insufflators and recording device from the camera head. • System should have facility to offer various visualization modes for surgery and diagnosis by color contrast for recognition of the finest tissue Structures and their differentiation. • Parallel live display of visualization modes besides white light mode (picture-in-picture). • Modular design: Digital FULL HD camera module should be compatible for use with video flexible GI endoscopes. • All equipments quoted should be from the same manufacturer to ensure best system compatibility • All equipments quoted should be USFDA & European CE approved <p>Technical Specifications:</p> <p>Image sensor: 3X1/3'' CCD-Chip.</p> <p>Pixels 1920 x 1080</p> <p>AGC: Microprocessor controlled</p> <p>Lens: Integrated Zoom Lens f = 15-31 mm (2x optical zoom)</p> <p>Minimum light sensitivity: 1.17 Lux (f = 1.4 mm).</p> <p>Control buttons: 3 (2 of them freely programmable).</p> <p>Video output: 2 x DVI-D output, 1 x 3G-SDI output, 3 x camera input For Communication with compatible camera module LAN Connection, 4xUSB connection (2x front, 2x back)</p> <p>Input: Keyboard input for character generator.</p> <p>Power Supply 100-240 VAC 50/60 Hz</p> <p>Certified to : IEC 601-1, 601-2-18, CSA 22.2 No. 601,UL 2601 CE according to MDD, proception class 1/CF</p>
	<p>High Definition Medical Grade Monitor</p>
	<p>The monitor should have:</p> <p>HDTV display in original 16: 9 HDTV format. 1080 p/ 50 & 1080 p/60 displays possible. LED crystal display. Max. Resolution of 1920X1080. Screen diagonal – 26". Desk top with pedestal. Should have the facility of PIP mode.</p> <p>Specifications</p>

	<p>HD TFT Flat Screen Monitor with stand size 26", Aspect Ratio 16:9 HD format Brightness : 500 cd/m2</p> <p>Maximum viewing angle : 178° vertical Contrast ratio: 1400 : 1 Reaction Time – 8ms Rated power : 115 watts Power Supply 100-240 VAC Screen Dimensions : 643 x 396 x 87mm</p> <p>Video Inputs: 2* DVI-D , 2* 3G SDI, 1* S Video , Composite 1* RGB/VGA , 1* RS 232 , 1* RJ 45 Interface.</p> <p>Output: 1* DVI , 1* 3G SDI, 1* S-Video</p> <p>Accessories External 24VDC Power Supply, Mains Cord, Pedestal. Certified to : EN 60601-1, protection class IPX 1</p>
LED Light Source with Fiber optic cable	
	<ul style="list-style-type: none"> • Lamp type:- LED 175 Watt • Color Temperatures 5500K and above • Light Outlets – 1 • Light Intensity Adjustment :- Continuously adjustable either manually or automatically by cameras video output signal. • Should be supplied with Diameter 3.5mm, Length 300cm. • Certified To :- IEC 601-1 & UL 544 CE According to MDD , protection class 1/CF

Item no 5 OT Table (imported)

Electro-motorized, Operation table. Multi-Disciplinary for all Surgical Needs.

Mobile modular operating table for patient weights up to 250 kg or more in standard height, with electro motorized adjustment of height, tilt, Trendelenburg/ anti-Trendelenburg, back and leg section joints; the table top consists of a seat section and back section; it can be adapted and expanded to meet particular surgical requirements by specific combination with modular sections; with electrical longitudinal shift. no metallic cross links; the whole positioning surface is radiolucent; the adjustments of the OR table can be operated optionally by IR remote control, cable remote control, foot switch or via the additional keypad-flush integrated in the column paneling; speed of all motors via Service Tool adjustable between 50% and 100%; the maintenance-free batteries, which are integrated into the column, are charged from an internal power pack, which can also use as a direct power supply; side rails over the hole length of the table top for adaption of accessories; fixation of pads either via mushroom-like buttons or Velcro; running gear construction with 4 double joint wheels provides plenty of space for the surgeon's feet; free and directional run adjustable via remote control; breaks via stamps electro motorized via remote control; the table top frame, column cladding, coupling points, standard rails and running gear frame are made of disinfectant-resistant, easy to clean stainless steel. Table should be 100% oil free & gas free

Technical Details

Power supply external:	230V/ 115V, 50/60 Hz
Power supply internal:	2 accumulators (Lead gel), 12 V, 10Ah
Lift:	400 mm
Trendelenburg/ anti-Trendelenburg:	- 30°/ + 330°
Tilt:	± 25°
Zero position:	Mortised leveling of all positions
Height adjustment incl. table top:	600 mm – 1,030 mm
Joint leg section up / down:	minimum ± 80°
Joint upper back section up / down:	minimum + 60°
Longitudinal shift:	more than 300 mm
Net weight:	200 kg up to 230 kg
Patient load capacity:	250 kg or more in any position & motion

To be supplied with basic accessories.

Arm support: 2 nos

Arm support pad : 2nos

Anesthesia screen : 1 no

Arm safety strap : 1 no

Body strap rotatable : 1 no

The equipment should be USFDA OR European CE certified

The table & all the accessories of the table should be from the same manufacturer