

HSCC I Ltd.

Amendment –VIII

dated 08.09.2017

Tender Enquiry No. : HSCC/KCGMC/Medical Equipment/2015-06/14 dated: 30/06/2017

Bid sale, submission and opening date for items 2 & 5 has been extended as per details given in Table -1:

Table -1

Sl. No.	Description	Revised Schedule
i.	Sale date of the tender	15.09.17, 3.00 P.M.
ii.	Closing date & time for receipt of tender	15.09.17, 3.30 P.M.
iii.	Time and date of Opening of Tenders	15.09.17, 4.00 P.M.

Further bidders are requested to note the following technical Amendment:

Item No. 2 - Laproscope

Specifications as per Tender	Amended As
High Definition Laparoscopy System	
Specification for Full High Definition Digital Camera	
The system should have digital and optical zoom to enhance the quality of image size & cross speciality standardization of the camera system, regardless of the telescope used.	It should be have Digital and Integrated Optical Zoom to enhance the quality of image & cross speciality standardization of the camera system, regardless of the telescope used.
Camera head weight : 150-250 gms	Camera head weight : 150-300 gms
Video output : s-video singal	Video output : s-video singal, 2DVI, 1 x SDI
High Resolution Monitor	
Contrast ratio: 1000:1	Contrast ratio: 1400:1 or higher
Reaction time - 8ms	Reaction time - 5-12 ms
Power Supply: 100-240 VAC	Power Supply: should be as per Indian standards
Screen dimensions: 673*418*88 mm.	Screen dimensions: 26" Flat Panel full HD.
Video inputs: 2*DVI, 2*3G SDI, 1*S Video, 1*SOG, 1*RGB/VGA, 1*RS 232, 1*RJ 45 interface.	Video inputs: DVI, S Video, RGB,3G SDI, Composite Video
Output: 1*DVI, 1*3G SDI, 1*S-Video.	Video Output: DVI, S Video, RGB,3G SDI, Composite Video
Certified to: EN 60601-1, protection class IPX 1	Certified to: EN 60601-1 with protection class IPX 2
LED Light Source	
The system should have:	
Light Engine: Red, Green & Blue LED's.	deleted
Intuitive simple user interface with LCD screen	Intuitive simple user interface with touch pad
Universal jaw assembly to adapt any make of fiber optic cable	Universal Jaw Assembly to adapt any make of Fiber Optic Cable / Adaptor should be provided for other make Light Cable

Specifications as per Tender	Amended As
More than 5000 hours bulb life	More than 25000-30000 hours bulb life
<u>Fiber Optic Light Cable</u>	
Size should be diameter >3.5 mm, length 300 cm.	Size diameter >3.5 mm, length 300 cm.
<u>Insufflators</u>	1 insufflators per set
Should have neonatal mode & visual and audible alarms with min 0.1 L flow rate	Should have neonatal mode
Should have video on screen display	Unit Should have actual and set value display and it should give alarm in case of over pressure
Unit should include heated tubing, hose & yoke.	Unit should include silicon tubing, hose & yoke.
<u>Laparoscope</u>	
Wide angle full screen, autoclavable, forward oblique and lateral scope	Wide angle full screen, autoclavable, forward oblique and lateral scope, should be HD
Angle of view, 30° and 60° of 10mm diameter- 1 each	Angle of view, 0° and 30° of 10mm diameter- 1 each
5 mm diameter 30 degree - 1	Angle of view, 0° and 30° of 5mm diameter- 1 each
Length 30 cm	Length should be 30-32 cm
<u>High Definition Digital Documentation System (Recorder System)</u>	
The system should have:	
High definition digital Documentation System (Recorder System)	High definition digital Documentation System (Recorder System)- should be Medical Grade
Should have video outputs S-video, composite, DVI & XGA (1024*768, 1280*1024 and 1600*1200)	Should have video outputs S-video, composite, DVI & XGA (1920 x 1080p)
Should be capable of progressive scan image capture: Analog (640*480), Hi-Res (1024*768), and Hi Def (1280*1024).	Should be capable of Progressive scan image capture : 1920 x 1080 for 25/30 frames and resolution still images upto 1920 x 1080 and aspect ratio of 16:9
Should have touch screen (min 10") control panel interface.	Should have touch screen 8" or above with Silicon keyboard with key pad
<u>Instruments & Accessories for Laparoscopy Set</u>	
<u>Trocar & Cannula:-</u>	
Cannula & size: 11 mm diameter, should have multifunctional valve and automatic valve to prevent damage of sharp instruments. 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 cannula should be 100-110 mm.	Cannula size: 11mm diameter, should have multifunctional valve to prevent damage of sharp instruments. It should have stopcock of CO2 insufflation. Trocar should have pyramidal tip with pin holes near the tip for safety outlet of CO2 gas. The working length of the cannula should be 100-110mm
<u>Trocar & Cannula:-</u>	
Cannula & size: 5 mm diameter, should have multifunctional valve and automatic valve to prevent damage of sharp instruments and 18 quipme tip lens while passing through 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 cannula should be 100-110 mm.	Cannula & size: 5 mm diameter, should have multifunctional valve and automatic valve to prevent damage of sharp instruments. 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 cannula should be 100-110 mm.

Specifications as per Tender	Amended As
<u>Veress Needle:</u>	<u>Veress Needle:</u>
Veress needle of working length 13 cm with luer lock.	Veress needle of working length 12-13 cm with luer lock.
<u>Grasping forceps fenestrated:</u>	
Atraumatic serration, fenestrated grasping forcep with unipolar connection, insulated sheath, handle without ratchet, should be dismantable into three parts namely, outer tube, handle and inserts, length between 35-36 cm, size 5.0 mm.	Atraumatic serration, fenestrated grasping forcep with unipolar connection, insulated sheath, handle without ratchet, should be dismantable into three parts namely, outer tube, handle and inserts, length between 33-36 cm, size 5.0 mm.
<u>Grasping forcep fenestrated curved fundus grasper</u>	
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 35-38 cm, size 5.0 mm	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 33-36 cm, size 5.0 mm
<u>Bowel Grasping Forcep:</u>	
Bowel grasper fenestrated, size: 5.0 mm, length: 5-36 cm, handle with ratchet, insulated shaft.	Bowel grasper fenestrated, size: 5.0 mm, length: 33-36 cm, handle with ratchet, insulated shaft.
<u>Unipolar curved right angle dissecting and grasping forcep:</u>	
Kelly curved dissecting and grasping forceps insulated, atraumatic, working length 36 cm, size: 5 mm, dismountable into handle, insert and working tube, handle without ratchet.	Kelly curved dissecting and grasping forceps insulated, atraumatic, working length 33-36 cm, size: 5 mm and dismountable into 2/3 parts
<u>Scissor curved Unipolar</u>	
Metzenbaum curved scissor, length of blad 12mm, connection for unipolar HF cable, dismountable into insert, tube and handle. Working length 36 cm, size: 5 mm, handle without ratchet.	Metzenbaum curved scissor, length of blad 12mm, connection for unipolar HF cable, dismountable into 2/3 parts Working length 33-36 cm, size: 5 mm, handle without ratchet.
<u>L Hook HF</u>	
J shape hook 5 mm, 33 cm monopolar	J shape hook 5 mm, 33 -36 cm monopolar
Debakay forceps - 5mm, 33 cm	Debakay forceps - 5mm, 33 -36 cm
Alligator jaw forceps, 33 cm	Alligator jaw forceps, 33 -36 cm
Heavy duty robust bipolar forcep: length 36cm, 5 mm rotating dismountable, prefereably wide jaw with spare insert and handle. Suitable bipolar Hf cable 2 Nos. to be included along with it.	Heavy duty robust bipolar forcep: length 33-36cm, 5 mm rotating dismountable into 2/3 parts.Suitable bipolar Hf cable 2 Nos. to be included along with it.
Bipolar HF connecting cable	
<u>Clip Applicator:-</u>	

Specifications as per Tender	Amended As
Medium large clip applicator dismountable rotating size: 10mm, length 36cm, for titanium clips with ratchet to lock the jaw holding the clip. It should be compatible with more than one brand.	Medium large clip applicator dismountable rotating size: 10mm, length 33cm or above, for titanium clips with ratchet to lock the jaw holding the clip. It should be compatible with more than one brand.
Clip Applicator:-	
Large clip applicator dismountable rotating size: 10mm, length 36cm, for titanium clips with ratchet to lock the jaw holding the clip. It should be compatible with more than one brand.	Large clip applicator dismountable rotating size: 10mm, length 33cm or above , for titanium clips with ratchet to lock the jaw holding the clip. It should be compatible with more than one brand.
Washers: For 5 & 10 mm cannula and reducers	Washers: For 5 & 10 mm cannula and reducers- 01 each
Puncture Needle, Size: 5mm, length 36 cm	Puncture Needle, Size: 5mm, length length 33cms or above
Fan retractor:-	
Fan retractor with simple opening of the fan by axial movement of the outer sheath, dismountable and distendable, size: 10mm, length: 36 cm	Fan retractor with simple opening of the fan by axial movement of the outer sheath, dismountable and distendable, size: 10mm, length: 33 cm or above
Colpolomiser: 11mm, with insulated ball shaped sphere, dia 40mm and 35mm consisting of automatic valve.	Colpotomiser: 11mm, with insulated ball shaped sphere, dia 40mm and 35mm consisting of automatic valve.
All instruments should be USFDA or European CE approved. Thir should be provision for prior demonstration in AIIMS Jodhpur.	All instruments should be USFDA or European CE approved. Thir should be provision for prior demonstration in KCGMC Karnal.
<u>Specification for Suction and Irrigation Device for Laparoscope Set</u>	
Auxiliary Equipemnt	Deleted
Video Trolley (2 for each set)	Video Trolley (1for each set)
Suitable medical grade video trolley to be supplied for mounting equipments having minimum three self in addition to with one drawer, with antistatic wheel castors, front lockable, high grade of electrical insulation and earth protection. 5 ampere socket, 10 nos, in built with trolley to connect all electronic devices, CO2 bottle stand should be integrated with trolley. Potential equalization connection to be provided at least 8 points. Preferably from OEM.	Suitable medical grade video trolley to be supplied for mounting equipments having minimum three self in addition to with one drawer, with antistatic wheel castors, front lockable, high grade of electrical insulation and earth protection. 5 ampere socket, 10 nos, in built with trolley to connect all electronic devices, CO2 bottle stand should be integrated with trolley. Potential equalization connection to be provided at least 8 points. Should be from OEM.

Item No. 5 - Battery Operated Drill

S. No.	Specification	Amended as
3	Drill Chuck with key-02	Drill Chuck with key
	Maximum speed: 930 rpm	Maximum speed 0-900 rpm
4	AO/ASIF Quick Coupling - 01	AO/ASIF Quick Coupling
	Maximum speed: 930 rpm	Maximum speed 0-900 rpm
5	Quick Coupling for kirschner wires - 01	Quick Coupling for kirschner wires
	Maximum speed: 930 rpm	Maximum speed 0-900 rpm

All other terms and conditions of the tender enquiry document shall remain unchanged.

Prospective bidders are advised to regularly visit HSCC website/ CPPP website for corrigendum /amendments etc. if any, as these will be notified on these portals only. No separate advertisement will published in the news papers in this regard.

s/d
CGM, HSCC India Limited
For and on behalf of DGMER, Panchkula