

# HSCC (India) Ltd

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## AMENDMENT No – VII Dated 15/12/2015

**Sub.: Procurement of Medical Equipment for Kalpana Chawala Government Medical College, Karnal.**

**Ref: Tender Enquiry No.: HSCC/KCGMC/Medical Equipment/2015/02 dt. 06.10.2015**

**This is in continuation to Amendment No. I, II, III, IV, V & VI wherein the Bid submission date is being extended from 15.12.2015 to 22.12.2015 & from 17.12.2015 to 23.12.2015 for Equipments under Sr. No. mentioned as per Revised Schedule as below:**

Sl. No.	Description	Revised Schedule for Items under Sr. No. 36 to 45 only	Revised Schedule for Items under Sr. No. 1 to 5, 13, 15, 17, 18, 20, 24, 26 to 29, 31 to 35, 46, 47 & 50 only
i.	Closing date & time for receipt of tender	22.12.2015 at 02:30 P.M.	23.12.2015 at 02:30 P.M.
ii.	Time and date of Opening of Techno – Commercial Tenders	22.12.2015 at 03:00 P.M.	23.12.2015 at 03:00 P.M.

Based on the amended Specifications for Items & revised quantity and EMD for some items, queries received Post amendments were attended & accordingly, based on the same, necessary amendments only are attached below. All other terms and conditions of the tender enquiry document shall remain unchanged. Bidders are also advised to be guided by the EMD clause mentioned in the Tender Document & submit in the form of DD/ BG/Bankers Cheque & also to check whether the EMD (in case of EMD is in the form of Bank Guarantee) being submitted are valid for 165 days from the revised date of opening. Additional Sheet has been inserted in Price Schedule for submitting optional / essential etc items, if any, and revision of CMC sheet for CT Scan & MRI only in the Tender Document, are also changed from 3 years to 8 years. Please be guided no queries shall be entertained henceforth for any items & no further extension of submission date shall be made. Bidders are also advised to re-submit their bids, if already submitted.

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.

CGM, HSCC India Limited  
For and on behalf of DGMR, Panchkula

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Further to amendments made vide Amendment - V dated 26/11/2015 for items under Sr. No. 36 to 45, following changes ***only*** have been made by the Technical Expert (all other amendments made vide Amendment - V dated 26/11/2015 stands unchanged):

<b>Sr. No. 38) 1000 mA X-Ray Fluoroscopy Unit with Table &amp; IITV</b>				
				<b>Amended Specifications</b>
The unit should be completely integrated system (integrated X ray generator and image acquisition control console) having the following specifications:-				No Changes
<b>1. Generator</b>				
1000 MA unit with microprocessor controlled high frequency X-Ray generator with power output of 80 KW.				No Changes
Specify KV and mA range.				No Changes
Specify exposure time range.				No Changes
KV range 40 KV – 150 KV or more.				No Changes
Output should be 1000 mA or more at 80 KV & 800 mA or more at 100 KV.				To be now read as " <b>Output should be 1000 mA or more at 79m KV &amp; 800 mA or more at 100 KV</b> ".
It should have digital display of KV & mAs.				No Changes
It should have over loading protection.				No Changes
For trauma patients, the generator should have minimum exposure time of 1 ms.				No Changes
There should be provision for automatic exposure control.				No Changes

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### 43) CT SCAN – 64 Slice

Tender Specs	Amended Specifications
The system should be latest state of the art, independent 64 or more rows of detectors with acquisition of at least 64 slices per rotation capable of integrating with any PACS/HIS system. The system should be <b><u>DICOM – enabled / ready</u></b> with true isotropic volume acquisition and sub millimeter resolution. The model quoted should be, AERB Type approved and US FDA and European CE certified. The essential requirements of the system are as follows:-	To be now read as "The system should be latest state of the art, independent of at least 64 slices per rotation capable of integrating with any PACS/HIS system. The system should be <b><u>DICOM – enabled / ready</u></b> with true isotropic volume acquisition and sub millimeter resolution. The model quoted should be, AERB Type approved and US FDA and European CE certified. The essential requirements of the system are as follows:-
<b>a) Gantry:</b>	
• Aperture: 70 cms or more	No Change
• FOV: 50 cms or more	No Change
• 3-D laser lights for positioning.	No Change
<b>b) X-Ray Generator:</b>	
• High Frequency type.	No Change
• Power output: 80 kW or higher	To be now read as " <b>Power output: 70 kW or higher</b> ".
• mA Range: 20-600 mA (With incremental steps of 10 mA)	No Change
• KV Range: 80-110 or more	No Change

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### NIT & LIST OF REQUIREMENTS

With reference to the NIT & List of Requirement mentioned in Tender Enquiry No.: HSCC/KCGMC/Medical Equipment/2015-02 dt. 06.10.2015 the Quantity & EMD of only following items have been amended as mentioned below (Quantity and EMD of other items remains unchanged):

Sl No.	Name of the Article	Qty.	DEPARTMENT	EMD (in IRs)
3a	Diagnostic Cystoscope ( <i>Surgery - 3 Nos</i> )	3	Various Departments	640,000
3b	Cystoscope - Paediatrics ( <i>Paed Surgery</i> )	1		
3c	Resectoscope ( <i>Surgery - 2 Nos &amp; Obs/Gyn - 2 Nos</i> )	4		
24a	Diagnostic Laparoscope ( <i>Surgery - 1 No, &amp; Obs/Gyn - 1 No</i> )	2	Various Departments	2,40,000
24b	Operative laparoscope ( <i>Surgery - 1 No &amp; Obs/Gyn - 1 No</i> )	2		
24c	Resectoscope ( <i>Surgery - 2 Nos &amp; Obs/Gyn - 2 Nos</i> ) <del>DELETED from here</del> ( <i>Read at 3c</i> )	0		
32	Cystoscope - Paediatrics ( <i>Paed Surgery</i> ) <del>DELETED from here</del> ( <i>Read at 3b</i> )	0	SURGERY	0
33	Rigid Bronchoscope (sets) ( <i>Paed Surgery - 2 Nos &amp; TB Chest - 1 No</i> )	2	Various Departments	10,000
34	Oesophageal dilators (sets) ( <i>Paed Surgery</i> )	1	SURGERY	1,000
35	Paediatrics Sigmoidoscope Video Flexible	1	SURGERY	40,000
40	Ultrasound (Coloured) ( <i>Radiology - 1 No, Surgery - 2 Nos, Medicine - 1 No &amp; Obs/Gyn - 5 Nos</i> )	9	Various Departments	360,000

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Further to amendments made vide Amendment - VI dated 30/11/2015 for items under Sr. No. 2, 3 & 24, following changes **only** have been made by the Technical Expert (all other amendments made vide Amendment - VI dated 30/11/2015 stands unchanged):

### Sr. No. 2) Flexible Endoscope, Upper GI & Colonscope

Sr. No.	Flexible Endoscope, Upper GI & Colonscope Description	Amended Specification
	<b>Please refer to the Note provided at the end for the Technical Specifications of Instruments. Complete set of Instruments should be quoted otherwise the bids shall be summarily rejected.</b>	
<b>A</b>	<b>Video Gastro-scope – Should have the following:</b>	
	Capable of producing Chrome Endoscopy images like NBI/SPIES/I-SCAN, with following features:	To be now read as "Capable of producing Endoscopy images like NBI/SPIES/I-SCAN, with following features:".
a	High Definition	To be now read as "High Definition / Digital Video Processor".
<b>B</b>	<b>Video Colonoscope – Should have the following:</b>	
	<b>Capable of producing Chrome Endoscopy images like NBI/SPIES/I-SCAN</b>	To be now read as "Capable of producing Endoscopy images like NBI/SPIES/I-SCAN, with following features:".
a	High Definition	To be now read as "High Definition / Digital Video Processor".
	Each of the above Scopes should be supplied along with each of the following:	
	<b>HIGH DEFINITION VIDEO PROCESSOR</b>	To be now read as " <b>HIGH DEFINITION / DIGITAL VIDEO PROCESSOR</b> ".
	<b>Special Features:</b>	
	<b>XENON LIGHT SOURCE</b>	
a	a. 300watts Xenon Light Source	To be now read as "100 to 300 Watts Light source (Xenon or LED Light Source)".
b	b. Backup lamp halogen/Led/Xenon	
c	c. Lamp life of xenon bulb should be 500 hrs	To be now read as "Lamp life of Xenon bulb should be 500 hrs / LED bulb should be 25000 hrs or more".
d	d. Lamp life of back up lamp, should be atleast 500hrs, with one or multiple bulbs	To be now read as " Back up lamp should be available / Spare Light source".
e	e. 300w Xenon light source can be combined unit/ integrated with HD video processor	To be now read as "100 to 300 watts Light source (Xenon or LED Light Source) can be separate unit or integrated with the HD / Digital video processor".

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### Sr. No. 3) Diagnostic Cystoscope, Paediatric Cystoscope & Resectoscope

Sr. No.	Diagnostic Cystoscope Description	Qty	Amended specification
	<b>Technical Specification:-</b>		
	<b><u>Please refer to the Note provided at the end for the Technical Specifications of Instruments. Complete set of Instruments should be quoted otherwise the bids shall be summarily rejected.</u></b>	-	
<b>Part A</b>	<b>Instruments for (a) Diagnostic Cystoscope, (b) Telescope and Instruments for Cystoscope - Paediatrics (<i>Paed Surgery</i>), (c) Instruments for Resectoscope Set</b>		
<b>3.a</b>	<b>Diagnostic Cystoscope</b>		
<b>(i)</b>	<b>TELESCOPES</b>		
	<ul style="list-style-type: none"> <li>• Forward Viewing HD 4mm Telescope 0 degree, enlarged view, autoclavable, fiber optic transmission incorporated</li> </ul>	01 No.	To be now read as "Forward Viewing 4mm Telescope 0, 30 & 70 degrees, enlarged view, autoclavable, fiber optic transmission incorporated with HD".
	<ul style="list-style-type: none"> <li>• Forward Viewing HD 4mm Telescope 30 degree, enlarged view, autoclavable, fiber optic transmission incorporated</li> </ul>	01 No.	To be now stand <b>DELETED</b> .
<b>(ii)</b>	<b>CYSTOSCOPE – URETHROSCOPE</b>		
	<ul style="list-style-type: none"> <li>• 19 Fr. Cysto Sheath with Standard Obturator</li> </ul>		To be now read as "16 to 19 Fr with leverage of 1 mm for Sheath & Obturators".
	<ul style="list-style-type: none"> <li>• 21 Fr. Cysto Sheath</li> </ul>		To be now read as "20/21 Fr".
	<ul style="list-style-type: none"> <li>• 23 Fr. Cysto Sheath</li> </ul>		To be now read as "25 Fr Cysto Sheath for Cysto Lithotripsy".
	<ul style="list-style-type: none"> <li>• 21 Fr. Cysto Standard Obturator</li> </ul>		To be now read as "20/21 Fr".
	<ul style="list-style-type: none"> <li>• 23 Fr. Cysto Standard Obturator</li> </ul>		To be now read as "25 Fr Cysto standard obturator".
	<ul style="list-style-type: none"> <li>• 21 Fr. Cysto Visual Obturator</li> </ul>		To be now read as "20/21 Fr".
	<ul style="list-style-type: none"> <li>• 23 Fr. Cysto Visual Obturator</li> </ul>		To be now stand <b>DELETED</b> .
<b>3.b</b>	<b>Telescope and Instruments for Cystoscope - Paediatrics (<i>Paed Surgery</i>)</b>		

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<b>3.c.</b>	<b>Instruments for Resectoscope Set</b>		
	<i>All items should be ideally from same manufacturer, should be USFDA or European CE (EN type) approved</i>		<b>To be now read as</b> "All items should be ideally / Mandatory (Except Trolley) from same manufacturer for better adaptability & Maintenance, should be USFDA or European CE (EN type) approved. If the products are from different Manufacturer, all items should be adaptable / interphaseable otherwise will not be accepted in final acceptance".
<b>Part B</b>	<b>High Definition Camera System for Resectoscope</b>		
	<b>Each set should consists of following items:</b>		
<b>1</b>	<b>Full High Definition Digital Camera</b>		
	<ul style="list-style-type: none"> <li>The system should have Optical zoom to enhance the quality of Image size &amp; cross specialty standardization of the camera system, regardless of the telescope used.</li> </ul>		<b>To be now read as</b> "The system should have Optical zoom to enhance the quality of Image size & cross specialty standardization of the camera system, regardless of the telescope used having focal length anything between 15 - 31 mm (2X) or better. Camera & Coupler should be one piece (Integrated)".
<b>2</b>	<b>LED / XENON Light Source</b>		
	<ul style="list-style-type: none"> <li>Should have more than 5000 hours bulb life</li> </ul>		<b>To be now read as</b> "Should have more than 5000 to 25000 hrs bulb life (with one or spare bulbs)".
<b>3</b>	<b>Fiber Optic Light Cable</b>		
<b>4</b>	<b>High Resolution Monitor</b>		
<b>5</b>	<b>Trolley (Indian)</b>		To be now read as "Trolley (Indian / Imported)".
	<b>Appropriate plastic tray/cage for sterilization</b>		

**NOTE:**

3 Nos Diagnostic Cystoscopes (3.a) are required for **Surgery Department**, 1 No Paediatric Cystoscope (3.b) is required for **Paediatric Surgery Department** and 4 Nos Resectoscopes (3.c) are required for **Surgery Department (2 Nos) & Obstetrics / Gynaecology Department (2 Nos)**. Accordingly, 4 sets of Part B are required. (**Surgery Department (2 Nos) & Obstetrics / Gynaecology Department (2 Nos)**).

All the items at Part A comprising of Diagnostic Cystoscopes, Paediatric Cystoscope & Resectoscopes should be ideally from same manufacturer.

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### Sr. No. 24) Diagnostic Laparoscope (7 now is 2 Nos.) & Operative Laparoscope (2 Nos)

Sr. No.	Description	Qty	Amended specification
	<b>Diagnostic Laparoscope (7 2Nos.), Operative Laparoscope (2 Nos), and Resectoscope (4 Nos)</b>		
	<b><u>Please refer to the Note provided at the end for the Technical Specifications of Instruments. Complete set of Instruments should be quoted otherwise the bids shall be summarily rejected:</u></b>	-	
<b>Part A</b>	<b>High Definition Camera System for Laparoscope and Resectoscope</b>		
	<b>Each set should consists of following items:</b>		
<b>1</b>	<b>Full High Definition Digital Camera</b>		
	<ul style="list-style-type: none"> <li>It should have pure digital signal with high definition video of 1920x1080p (min) native resolution and progressive scan technology both on camera head and console, Should have controls on camera console and camera head.</li> <li>It should be compatible with Aspect ratio of 16:9</li> <li>The system should have Optical zoom to enhance the quality of Image size &amp; cross specialty standardization of the camera system, regardless of the telescope used.</li> </ul>		No change
	<ul style="list-style-type: none"> <li>Zoom, white balance control and two peripheral controls on camera Head</li> <li>Integrated Gain/Shutter/Enhancement with automatic brightness control</li> <li>Video Outputs: two DVI, one SVHS and one direct fiber optic output</li> <li>The system should automatically optimize all settings. The system should be ready- to- use as soon as it is connected to the camera control unit.</li> </ul>		
	<ul style="list-style-type: none"> <li>The system should be Menu driven, thus allowing the surgeon to program the camera head functions as per the surgical needs &amp; requirement.</li> <li>The system should have coupler, which can be used with any make of standard laparoscopes, cystoscopes and resectoscopes</li> </ul>		No change
			<b>To be now read as</b> "The system should have Optical zoom to enhance the quality of Image size & cross specialty standardization of the camera system, regardless of the telescope used having focal length anything between 15 - 31 mm (2X) or better. Camera & Coupler should be one piece (Integrated)".
<b>2</b>	<b>LED / XENON Light Source</b>		
	Increased patient safety & added protection in OR with safelight technology intuitive simple user interface with LCD touch screen.		<b>To be now read as</b> " Increased patient safety & added protection in OR with intuitive simple user interface with LCD touch screen "
	<ul style="list-style-type: none"> <li>Should have more than 5000 hours bulb life</li> </ul>		<b>To be now read as</b> "Should have more than 5000 to 25000 hrs bulb life (with one or spare bulbs)".
<b>3</b>	<b>Fiber Optic Light Cable</b>		



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•	Size should be diameter > 5.5mm, length >160 cm		<b>To be now read as</b> "Size should be diameter 4.5mm or more, length 160 cm or more".
<b>4</b>	<b>High Resolution Monitor</b>		
<b>5</b>	<b>Insufflators</b>		
<b>6</b>	<b>Suction irrigation pump</b>		
•	Should have irrigation floe rate max: 8l/min. Should have suction vacuum pressure for suction		<b>To be now read in addition to the cited parameter</b> "The Flow Rate of Irrigation & Suction should be proper / compatible to each other".
•	Should have suction flow rate max: 1-8l/min, should have suction pressure: 60KPa		
<b>7</b>	<b>Desktop / Laptop Computer with Laser Printer</b>		
<b>8</b>	<b>Trolley (Indian)</b>		
<b>Part B</b>	<b>Telescopes for both Operative &amp; Diagnostic laparoscope and Resectoscope</b>		
	<b>Each set should consists of following items with quantity as specified against each item:</b>		
<b>1</b>	<b>Instruments for Laparoscopy</b>		
(i)	<b>Telescopes</b>		
(ii)	<b>Laparoscopic Hand Instruments &amp; Accessories:</b>		
<b>a</b>	<b>Trocars &amp; Reducers</b>	01 each type	
•	Trocar 10 mm with Cannula	02 Nos.	<b>To be now read as</b> "Trocar 10 - 11 mm with Cannula".
•	120 mm Veress Needle	12	<b>To be now read as</b> "120 & 150 mm Veress Needle (from any manufacturer)".
<b>2</b>	<b>Instruments for Resectoscope Set</b>		<b><u>DELETED at Laparoscope Group &amp; to be read at Sr. No. 3 (Cystoscope).</u></b>
(i)	<b>Telescope</b>		
(i)	<b>Instruments, qty 01 of each type</b>	01 each type	
•	All the three sets should be imported and should be European CE or USFDA approved.		
•	The quantity of each items under Part A should be of 5 Nos each.		<b>To be replaced with:</b> The quantity of each items under Part A should be 4 Nos/sets each.
	<b>The quantity of items under Part B are indicated within bracket; Diagnostic Laparoscope (7 Nos.), Operative Laparoscope (2 Nos), and Resectoscope (4 Nos).</b>		<b>To be replaced with:</b> The quantity of individual items under Part B are indicated within bracket, total sets under part B are Instruments for Laparoscopy are 4 sets. <b>Diagnostic Laparoscope (2 Nos.), Operative Laparoscope (2 Nos)</b>
	<b>Part "A" and Part "B" should be compatible with each other</b>		