

HSCC (India) Ltd

AMENDMENT No – XV Dated 15/02/2016

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

Bidder is requested to note the following technical Amendments:

Item No. 01 –

The specification of item no. 1 has been Revised as per following: RIGID SIGMOIDOSCOPE

1. It should have possibility to magnify the view via adjustable magnifier.
2. It should have scale graduated in cm- easy to see level of insertion.
3. Autoclavable.
4. Rectoscope Tube, outer diameter 20-24 mm, working length 20-30 cm, with Obturator.
5. Illumination Head Unit, for Rectoscope Tubes, with fiber optic light transmission, LUER-Lock hub for rubber insufflation bulb, including glass window plug.
6. Glas Window Plug
7. Glass window, for sigmoidoscope.
8. Adjustable Magnifier, for Illumination Head Unit, with sealing cap, for use with 10 mm instruments, including reducer, for use with 5 mm instruments.
9. Rubber insufflation bulb, with detachable tube, with LUER-lock connector, consisting of: Rubber bulb & Rubber tube.
10. LED LIGHT SOURCE- LED , High-Performance LED Cold Light Fountain with one light outlet, power supply 100 - 240 VAC, 50/60 Hz including: 400A Mains cord.
11. Fiber optic cable- Diameter 3.5 to 4 mm with length 230cm or more

12. HAND INSTRUMENTS

- a. Micro Biopsy Forceps, rotating, with connector pin for unipolar coagulation, size 5 mm, length 33-36 cm, single action jaws, consisting of: Plastic Handle, without ratchet Outer Tube, insulated Forceps Insert.
- b. Suction Tube, working length 30-40 cm

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- c. Biopsy Forceps, rotating, dismantling, insulated, with connector pin for unipolar coagulation, with LUER lock adaptor for cleaning, large jaws, single action jaws, size 5 mm, length 33-36 cm consisting of: Plastic Handle, without ratchet Outer Sheath, insulated Forceps Insert.

The EMD of the Item no. 1 after the revision in specification has been revised to Rs. 54000/-

Item No.5) OT Table (Minor)

Tender Specification	Amended Specification
Four section electro mechanical eccentrically pointed radio-translucent table top suitable for C-Arm	<ul style="list-style-type: none"> Four section electro hydraulic eccentrically pointed radio-translucent table top both side slid able, suitable for C-Arm
Operating Position: Height adjustment, Lateral Tilt, Trendelenberg, Reverse Trendelenberg and Back Section are precisely.	<ul style="list-style-type: none"> Operating Position: Height adjustment, Lateral Tilt, Trendelenberg, Reverse Trendelenberg and Back Section are precisely.
Head & Foot section are manually operated by the means of ratchet System	<ul style="list-style-type: none"> Head & Foot section are manually operated
☑ Stainless steel made of 304 Grade covered base and cylinder covers for easy cleaning and hygiene	<ul style="list-style-type: none"> Stainless steel made of 304 Grade covered base and cylinder covers for easy cleaning and hygiene
☑ Complete with stainless steel side –rail, clamps and standard accessories.	<ul style="list-style-type: none"> Complete with stainless steel side –rail, clamps and standard accessories.
Specification:	Specification:
Table top length : 1900 mm	Table top length : 1900 mm
Table top width : 500 mm	Table top width : 500 mm
Height : 750-1000 mm	Height : 750-1000 mm
Trendlenberg/Rev Trendlenberg : ± 20 deg	Trendlenberg/Rev Trendlenberg : ± 20 deg
Lateral tilt : ± 15 deg	Lateral tilt : ± 15 deg
Back section : + 70 deg -- 20 deg	Back section : + 70 deg -- 20 deg

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Leg section : -90 deg	Leg section : -90 deg
Head section : + 45 deg ~ -90 deg	Head section : + 45 deg ~ -90 deg
Weight Capacity : 200 Kg approx	Weight Capacity : 150 Kg approx
It should have standard accessories like four/five sections mattress (1 set) Anesthetist screen L (1Pc), Lateral support padded (2 Pair), shoulder support padded (2 Pair), Lithotomic crutches padded (2 Pair) and Arm rest padded.	It should have standard accessories like four/five sections mattress (1 set) Anesthetist screen L (1Pc), Lateral support padded (2 Pair), shoulder support padded (2 Pair), Lithotomic crutches padded (2 Pair) and Arm rest padded.
The company should have ISO 9001: 2008 and unit should be CE Certified.	The unit should be European CE Certified.

Item No.17) Incubators / Transport incubators

Tender Specification	Amended Specification
<u>Specification of Baby Incubator</u>	<u>Specification of Baby Incubator</u>
It should have double lock system with collapsible trolley .	It should have double lock system with collapsible trolley. Trolley to have provision for 2 light weight cylinders with pin index mechanism. Scratch & rust proof coating.
· It should have Air curtain of access port.	It should have Air curtain of access port.
· It should have mattress (mattress tilting range- 130) platform tilting function.	It should have mattress platform.
· It should have Electro Static Filter.	It should have Electro Static Filter (Optional).
· It should have excellent visibility.	It should have excellent visibility.
· It should have active / passive humidification	It should have active / passive humidification

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· It should have sanitary structure for thorough cleaning of the unit.	It should have sanitary structure for thorough cleaning of the unit.
· It should have rotary damper control for quieter operation of the admittance panel.	It should have rotary damper control for quieter operation of the admittance panel.
· It should have O2 controller.	It should have O ₂ controller.
· It should have power requirements up to 800 VA (max.).	It should have power requirements up to 800 VA (max.). Battery back-up min. 1 hour. IV Pole stand.
· It should have Air velocity 10 cm/s or below.	It should have Air velocity 10 cm/s or below.
It should have accessories pneumoclean, dustcover, piping connecting hose 3m, oxygen sensor and skin temp probe, 5 mm O.D.	It should have accessories pneumoclean, dustcover, piping connecting hose 3m, oxygen sensor and skin temp probe, 5 mm O.D.
· It should have snap open access ports to opened and close the doors silently.	It should have snap open access ports to opened and close the doors silently.
· Should be US FDA approved	Should be US FDA/European CE approved
<u>Specifications:-</u>	<u>Specifications:-</u>
Power requirements : Main body: customer specified Power consumption : 600VA (Maximum)	Power requirements : Main body: customer specified Power consumption : 600VA (Maximum)
Classification Class I, type BF	Classification Class I, type BF

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<p>Temperature Control</p> <ul style="list-style-type: none"> · Skin temperature setting range: 34.0 ~37.5 0C / 93.2 ~99.5 0F (servo control) 37.6 ~38.0 0C / 99.7 ~100.4 0F (over ride) · Skin temperature display range: 30.0 ~42.0 0C / 86 ~107.6 0F. · Incubator air temperature setting range: 23.0 ~37.0 0C / 73.4 ~98.6 0F (manual control) 37.1 ~39.0 0C / 98.8 ~102.2 0F (over ride). · Incubator air temperature setting range: 23.0 ~37.0 0C / 73.4 ~98.6 0F (manual control) 37.1 ~39.0 0C / 98.8 ~102.2 0F (over ride). · Alarms: high temperature, set temperature, skin temperature probe 	<p>Temperature Control : Temperature & Alarms to have LED/LCD display Alarms to be Audible and visual alarms.</p> <ul style="list-style-type: none"> · Skin temperature setting range: 34.0 ~37.5 0C / 93.2 ~99.5 0F (servo control) 37.6 ~38.0 0C / 99.7 ~100.4 0F (over ride). · Skin temperature display range: 30.0 ~42.0 0C / 86 ~107.6 0F. · Incubator air temperature setting range: 23.0 ~37.0 0C / 73.4 ~98.6 0F (manual control) 37.1 ~39.0 0C / 98.8 ~102.2 0F (over ride). · Incubator air temperature setting range: 23.0 ~37.0 0C / 73.4 ~98.6 0F (manual control) 37.1 ~39.0 0C / 98.8 ~102.2 0F (over ride). · Alarms: high temperature, set temperature, skin temperature probe
<ul style="list-style-type: none"> · Incubator air temperature setting range: 20.0 ~42.0 0C / 68 ~107.6 0F Heater Output: 0 ~100% (in 10 levels). 	<ul style="list-style-type: none"> · Incubator air temperature setting range: 20.0 ~42.0 0C / 68 ~107.6 0F Heater Output: 0 ~100% (in 10 levels).
	<ul style="list-style-type: none"> · Alarms: high temperature, set temperature, skin temperature probe
<p>Noise level Approx. 41 dB (without humidification) approx. 44dB (with humidification)</p>	<p>Noise level Approx. 41 dB (without humidification) approx. 44dB (with humidification)</p>
<p>Mattress tilting range 13 degree</p>	<p>Mattress tilting range 13 degree (Optional)</p>

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Sr. No. 26) LASER

Tender Specification	Amended specification
Should have following features:	Should have following features:
It should be able to fragment calculi of any size in the bladder, ureter or kidney and any stone fragment, prostate.	It should be able to fragment calculi of any size in the bladder, ureter or kidney and any stone fragment, prostate.
It should have power output of 60 watts or better	It should have power output of 50 watts or better.
It should be able to achieve repetition rate of 40 Hz or better	It should be able to achieve repetition rate of 25 Hz or better.
It should be able to achieve energy per Pulse of 3.5 Joules	It should be able to achieve energy per Pulse of 3.5 Joules or more.
It should have pulse duration upto 500 microseconds.	It should have pulse duration upto 500 microseconds.
It should have Green-aiming beam of 1.0mw at 532nm, 3 intensity settings, 3 laser generator	It should have Green-aiming beam of 1.0mw at 532nm, 3 intensity settings, 3 laser generator.
It should have a closed loop, self-contained water to air exchanger cooling system.	It should have a closed loop, self-contained water to air exchanger cooling system.
It should be useable with single phase 230V AC 50/60Hz,	It should be useable with single phase 230V AC 50/60Hz,
It should have Case saver mode to allow to finish the procedure if system does not deliver full energy due to some fault.	It should have Case saver mode to allow to finish the procedure if system does not deliver full energy due to some fault.
It should have a shield to protect the Laser machine from Fiber misalignment or misfire	It should have a shield to protect the Laser machine from Fiber misalignment or misfire
It should be supplied with following accessories:	It should be supplied with following accessories:
365 Micron Reusable, Flexible Fiber – 5	365 Micron Reusable, Flexible Fiber – 5
200 micron Reusable, Flexible Fiber – 5	200 micron or more Reusable, Flexible Fiber – 5

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365 Micron Stripping and cleaving (set) – 2	365 Micron Stripping and cleaving (set) – 2
200 Micron Stripping and cleaving (set) – 2	200 Micron or more Stripping and cleaving (set) – 2
Fibre Inspection Scope- 1	Fibre Inspection Scope- 1
Ceramic Scissors- 2	Ceramic Scissors- 2
Should be USFDA approved	Should be USFDA approved
Prices of following essential accessories shall be part part of the LASER:	Prices of following essential accessories shall be part part of the LASER:
1. Morcellator	1. Morcellator
2. 550 Micron Reusable, Flexible Fiber	2. 550 Micron Reusable, Flexible Fiber
3. 500 Micron Stripping and cleaving (set)	3. 500 Micron Stripping and cleaving (set)

Specification of Morcellator.

1. Morcellator	<p>ROTATION-MORCELLATOR, MORCESCOPE & LASER RESECTOSCOPE:</p> <p>ROTATION-MORCELLATOR:</p> <ol style="list-style-type: none"> I. Power control generator including footswitch, 50/60hz, 100-240 v.a.c. II. Power stick m 4, motorized handpiece with connecting cable,max rotational speed 6000 rpm. III. Rotation morcellator re usable, diameter 4.75 mm, working length 350mm comprising outer and inner blade (2no.) IV. Suction pump for continuous aspiration of irrigation fluid and enucleated tissue
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	<p>MORCESCOPE FOR MORCELLATOR:</p> <p>I. Operating telescope for mirco scope angle of view 12 degree, parallel eyepiece, capacity 5mm for auxiliary instruments up to 4.8 mm diameter, rod lens system automatic valve on the working channel, continuous irrigation through continuous irrigation sheath 26.5 fr.</p> <p>LASER RESECTOSCOPE:</p> <p>I. Telescope, new generation with fixed eyepiece, dia 4mm 30 degree angle of view, autoclavable.</p> <p>II. Outer continuous irrigation sheath "e-line," 26fr., oval, by marberger, with automatic locking mechanism and oblique distal tip</p> <p>III. Inner continuous irrigation sheath "e-line," 24 fr., oval, by marberger, with automatic locking mechanism, rotatable irrigation ring, oblique distal tip with ceramic insulation</p> <p>IV. Visual obturator 24 fr.</p> <p>V. Laser working element with probe guide channel for laser treatment in the lower urinary tract, laser probes can be secured by locking mechanism</p> <p>VI. Guide tube for laser fibre, capacity 600 micron</p>
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Item No.27) Operating Microscope

Tender Specification	Amended Specification
LED/Xenon lamp microscope with high performance LED/300W xenon illumination in the microscope head.	LED/Xenon lamp microscope with high performance LED/xenon illumination in the microscope head.
Should have 30 degree or more coupling	Should have 30 degree or more coupling
Should have integrated high performance white light LED or 300w xenon with Light performance- min 120 K Lux (200mm) min 80 kLux (250mm) min 55 colour temperature, 5,500 K +/- 10%, main voltage 100-230 V, service life LED 50,000 hrs, colour temperature 5,500 K +/- 10%, incase of xenon additional bulbs Should be quoted to match the bulb life of LED lamp.	Should have integrated high performance white light LED or xenon. In case of xenon additional bulbs . should be quoted to match the bulb life of LED lamp. Should be quoted to match the bulb life of LED Lamp.

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<ul style="list-style-type: none"> • Should have automatic light control over tilt sensor. 	<ul style="list-style-type: none"> • Should have automatic light control over tilt sensor.
<ul style="list-style-type: none"> • Should have optimized stereo effect by 24mm stereo basis. 	<ul style="list-style-type: none"> • Should have optimized stereo effect by minimum 22 mm stereo basis.
<ul style="list-style-type: none"> • Should have integrated operating panel can be upgraded with an integrated camera module, which can later on be upgraded with HD or endoscope adapter 	<ul style="list-style-type: none"> • Should have integrated camera, which can later on be upgraded with HD or endoscope adapter
<ul style="list-style-type: none"> • Should have 5- step magnification changer- (0.4 / 0.6/ 1/ 1.6/ 2.5) 	<ul style="list-style-type: none"> • Should have 5- step magnification changer- (0.4 / 0.6/ 1/ 1.6/ 2.5)
<ul style="list-style-type: none"> • Should have objective 200mm with manual fine focusing 	<ul style="list-style-type: none"> • Should have objective 200mm or more with manual fine focusing
<ul style="list-style-type: none"> • Should have scale projection for lens 200 mm, pivot mounted scale projection in the illumination field, and independent from the chosen magnification. 	<ul style="list-style-type: none"> • Deleted
<ul style="list-style-type: none"> • Should have binocular straight tube f = 160 mm 	<ul style="list-style-type: none"> • Should have binocular straight/inclinable tube
<ul style="list-style-type: none"> • Should have 2x wide-field eyepiece of 16x. 	<ul style="list-style-type: none"> • Should have 2x wide-field eyepiece of 12.5x/16x.
<ul style="list-style-type: none"> • Should have Lateral double handle for proper hand gripping. 	<ul style="list-style-type: none"> • Should have Lateral double handle for proper hand gripping.
<ul style="list-style-type: none"> • Should have Mechanical support arm 	<ul style="list-style-type: none"> • Should have Mechanical support arm
<ul style="list-style-type: none"> • Should be supplied with dust cover 	<ul style="list-style-type: none"> • Should be supplied with dust cover
<ul style="list-style-type: none"> • Should be USFDA or European CE (EN certified) certified. 	<ul style="list-style-type: none"> • Should be USFDA or European CE certified.

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 DGMER, Panchkula**