

HSCC (India) Ltd

AMENDMENT No –I Dated 27/01/2016

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

Ref: Tender Enquiry No.: HSCC/KCGMC/Medical Equipment/2015/04 dt. 01.01.2016

Bid submission date extended from 28.01.2016 to 02.02.2016 for all items.

Sl. No.	Description	Revised Schedule
i.	Closing date & time for receipt of tender	02.02.2016, 2.30 P.M.
ii.	Time and date of Opening of Techno – Commercial Tenders	02.02.2016, 3.00 P.M.

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. Cost towards CMC (Except that of Surgical Instruments) shall be quoted for 5 Years of CMC after 2 years warrantee. Bidders are also advised to re-submit their bids, if already submitted. The amendment based on the queries/requests which have been received from the prospective bidders for Arthroscope is provided as below.

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.

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

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The amendment based on the queries/requests which have been received from the prospective bidders for Arthroscope has been reviewed & the Amended Specification is as follows:

Arthroscope – 1 set

S. No.	Description	Qty
	Specifications for Arthroscopy System: Complete Arthroscopy Set with high definition camera, HD monitor 26", Scope, General Instruments, Shaver System, Arthroscopy Pump System, hand instruments.	
	High Definition 3 chip Camera System:	01 No.
1	Resolution of 1920x1080 pixels full HD Progressive scan which displays 50-60 frames/sec 16:9 / 16:10 format. DVI & <u>HD SDI/ Another DVI Port</u> video output. Inbuilt 16 step digital Image Enhancer on console	
2	Console	
i	Camera console 220v with universal coupler & Autoclavable/Sterilizable camera Integrated Flexible Scope filter.	
ii	Shockproof prism mounting	
iii	Signal to Noise ratio- <u>60 dB - 70 db</u>	
iv	1080P Progressive scan technology both on camera head & console	
v	Aperture Control on console	
vi	Brightness Control on console & camera head	
vii	Two peripheral controls on camera head. Digital zoom & white balance on camera head	
viii	Should have optical zoom lens 16 -28mm or more, to increase and decrease the size of image which should remain in focusing zone, without readjusting the focus	
x	The camera head should have optical zoom and focus lens/rings to make it fully soakable	
	Light Source	
	LED Light Source 200 watts or above/ 300watts Xenon light source	01 No.
i	Light intensity is dimmable from zero to 100 percent and can be controlled via the camera head.	
ii	Universal jaws for accepting any make fiber optic cable.	
iii	Adjustable light intensity from 0 to 100 percent; lamp life of minimum 25000 hours for LED light source and in case of Xenon light source extra bulbs should be quoted to match the bulb life of LED light source.	
iv	Extra long Fiber Optic Cable, fully autoclavable.	

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	High Definition Monitor 26"	01 No.
	High Definition LED monitor, screen 26", 1080p Full HD wide view monitor with aspect ratio of 16:10/16:9 Option for wall mounting and desktop in same unit	
	Arthroscopy Sets	
	HD Telescope, Autoclavable, fiber optic light transmission	
	Wide Angle Forward Oblique, 4mm, 30 Deg, enlarged view, diameter 4 mm, length 13-15 cm <u>or more.</u>	01 Nos.
	High Flow arthroscopic Sheath with snap incoupling mechanism diameter 5/6.5mm, working length 13.5 cm, two stopcocks, for use with telescopes with Obturators sharp	01 Nos.
	Shaver System	
	Console	01 No.
	<ul style="list-style-type: none"> • Electronic Control Unit • Pre Programmed Memory • Shaving RPM <u>7000 or more</u>, Oscillation mode 500-3000 RPM 	
	Foot Control	01 No.
	Handpiece:	
	Autoclavable, quick coupling of blades should be possible	
	Should be provided with multifunction hand pieces, with Jacobs chuck (keyless) upto a diameter of 6.5mm, sagittal saw with attachment with blades, pin driver and synthes driver	01 Nos. Each
	Disposables	05 Nos. Each
	<ul style="list-style-type: none"> • Full radius resector- • End cutter- • Aggressive Cutter. • Meniscus Cutter. • Oval Burr • Small joint blades 	
	ACP/PCL Reconstruction Set	01 Each
1	Tendon stripper, graduated, closed 5.5mm length 30 cm.	

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2	Tendon stripper, graduated, closed 7mm length 30 cm.	
3	Tendon stripper, graduated, open 7.5 mm length 30 cm.	
	Note: the above mentioned three can be combined product also for Multipurpose open and closed tendon stripper for harvesting the graft	
4	Tendon hook	
5	Thickness Tester for checking thickness of tendon 7-12 mm in intervals of 0.5mm.	
6	Tibial Guide for ACL reconstruction	
7	Femoral Offset Guide, offset femoral offset aimer 4,6mm. (for transtibial femoral prepatation)	01 Each
8	Femoral offset aimer 5,7mm.	01 Each
9	Reamers 5,7	
10	Length Guage for measuring the tunnel.	
11	Reaming Wire	
12	Curette	
13	Rasp	
14	Suture grasper	
15	Femoral target guide for outside in PCL reconstruction / PCL tibial arm compatible with ACL zig for accurate tunnel placement	
16	Femoral target guide with handle for PCL reconstruction for use through anterolateral portal 4 locking positions for drill 7, 8, 9,10mm/ PCI Femoral arm compatible with ACL zig for accurate tunnel placement	
17	Tibial target guide for PCL, Straight, curved to left, curved to right one each.	
18	Thread catcher for PCL reconstruction.	
19	PCL awl.	
20	Raspatory for PCL reconstruction.	
21	Cannulated screw driver for Titanium and bioabsorbable interference screws - one each	
22	Notcher with fin like blade to assist in inserting interference screws.	
23	Hook Probe: graduated, length of hook 3mm, diameter1.5mm, working - length 15-18cm.	
	Arthroscopic Pump System with Tubing:	
	Each of following:	01 No.
	• Should be able to control the inflow and outflow of the fluid in the joint	
	• Should be able to maintain constant higher pressures when required	

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•	Should give ripple free fluid flow.	
•	Pole mount or stand alone system	
•	Digital display of pressure	
•	Pole mount/stand alone console with autoclavable remote control	
•	Maximum flow rate of 2000ml/minute with maximum pressure upto 150mmHg	
•	The tubing should have a back flow restrictor	
•	Should be operable on mains and battery both with rechargeable battery	
	Disposables: Arthroscopic Inflow/Outflow tubing (10-15 ft) set with connector	10 Nos.
	Modular Cart (Indian)	01 No.
•	Made of rust free material	
•	Lockable casters	
•	Arm on top to hold monitor	
•	Four equipment shelves	
•	Open back for equipment access	
	Recording System	01 No.
•	Should be High definition recording system with disc capacity of 250GB or more	
	All components except trolley and recording system should be of same make, all components except trolley should be USFDA/European CE certified	