

Amendment no. 06 Dated 03.01.2019

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:

Item no. 12- FESS SET WITH MICRODEBRIDER

Sr. No.	Tender Technical Specification	May please read as
2	Specifications For Forceps for FESS	
	Blakesley nasal Forceps, Straight, 120 mm Length, 3.6 mm - 01	Blakesley nasal Forceps, Straight 110mm to 120mm , size 0 - 02
	Blakesley nasal Forceps, Straight, 120 mm Length, 4.8 mm - 01	Blakesley nasal Forceps 110mm to 120mm , size 1 - 02
	Blakesley nasal Forceps, Straight, 120 mm Length, 5.6 mm - 01	Blakesley nasal Forceps 110mm to 120mm , size 2 - 02
	Blakesley nasal Forceps, Upturned, 140 degree, 120 Length, 3.6 mm - 01	Blakesley nasal Forceps 45deg upturned, 110mm, size 0 - 02
	Blakesley nasal Forceps, Upturned, 140 degree, 120 Length, 4.2 mm - 01	Blakesley nasal Forceps 45deg upturned, 110mm - 02
	Ostrum Antrum punch forceps, 3x7 mm - 01	Ostrum Antrum punch forceps Length 10/11/13cm
		The following instruments to be included in Item No 2 (Forceps for FESS) Freer's Muco-Perichondrium Elevator with suction Antrum Curette Forward cutting, 19 cm Antrum Ball probe Frontal Sinus Curette, 55 degree Curved, Oval, Forward cutting, length 19 cm
3	Bipolar coagulation Forceps insulating angular, Blunt for nose, with Integrated suction channel for with cut-off hole, Length 19 cm for use with Bipolar high frequency cord -02	Changes in ITEM NO 3: Specifications For Bipolar Coagulation Forceps Modified: Length 18-20cm cm for use with Bipolar high frequency cord
4	Specifications for Micro-debrider	
	<p>(b) Multi-Function Foot Pedal</p> <p>1. Watertight, with 3 metre cable</p> <p>2. Speed control via foot pedal.</p> <p>3. Toggle stop – Single action to fully open or close the blade window</p>	<p>Multi-Function Foot pedal with watertight 1-3 metre or compatible cable</p> <p>Deleted: Toggle stop – single action to open or close blade</p>
	<p>(c) Debrider Hand Piece</p> <p>1. Type : Brushless & complete disposable suction pathway</p> <p>2. Straight Suction thru the hand piece</p> <p>3. Speed in Continuous rotation : 500 to 12,000 rpm</p> <p>4. Speed in Oscillation mode : 500 to 5,000 rpm</p> <p>5. Speed for Otology Drill Motor : 500 to 60,000 rpm</p> <p>6. Motor Cable : Push-Pull type at Console end</p> <p>7. Instruments : Disposable Straight & angled shaver blades for Adenoids, Frontal sinus, maxillary sinus and Sinus burrs.</p> <p>8. Sterilization : Autoclave motor and cable</p>	<p>Quantity: Two (2)</p> <p>Modified: Speed in Oscillation mode 500-10000 rpm – 2pcs</p> <p>Modified: Speed for Otology Drill Motor 500-80000 rpm – 2 pcs</p>
5	Specifications for Consumables	
	<p>a) For Debrider</p> <p>1. A Set of Straight Blades for Debrider- 2.5 mm, 4 mm. 3.5mm 5pc each</p> <p>2. A Set of Angled Blades for Debrider- 4 mm – 12deg, 40deg, 60deg 5pc each</p> <p>3. A Set of Sharp Edge Blades for Debrider- 4 mm 5pc each</p>	<p>Modification: Set of Straight Blades for Debrider 2mm, 3mm, 4mm: - 10 pc each</p> <p>Modification: Set of Angled Blades for Debrider- 4 mm 35deg, 40deg, 65deg - 10pc each</p> <p>Modification: Set of Longer Blades for Debrider- 4 mm, 12cm – 10 pc each</p>

	4. A Set of Longer Blades for Debrider- 4 mm, 11 cm 5pc each 5. A Set of Straight Blades for Debrider- 4 mm Convex 5pc each 6. A Set of Burrs for Debrider- 3 5pc each 7. Tube sets with option of Declog 5pc each	<u>Modification:</u> Set of Burrs for Debrider 3mm-4mm - 10pc each <u>Modification:</u> Tube sets with option of Declog to be read as Disposable tubing set - 20pc each
	(b) For Otology Drill	
	1. Straight attachment – Exposed tube of 80mm-85mm, length 115-120mm Qty-2	Straight attachment Exposed tube of 80mm-85mm, length 115-130mm - 4 Nos
	2. Angled Attachment – Exposed tube of 80mm-85mm, length 138 – 140mm Qty-2	Angled Attachment - Exposed tube of 80mm-85mm, length 138 -150mm - 4 Nos
	3. Straight Hand piece – Exposed tube of 50-55mm, length 85mm – 90mm Qty-2	Straight Hand piece - Exposed tube of 50-55mm, length 85mm -110mm -4 Nos
	(c) Cutting Accessories :	
	1. Extra Coarse Diamond (Polishing) Bur 2mm – 2 Nos	Extra Coarse Diamond (Polishing) Bur 2mm – 2.5mm - 4 Nos
	2. Extra Coarse Diamond (Polishing) Bur 3mm – 3 Nos	Extra Coarse Diamond (Polishing) Bur 3mm – 3.5mm - 4 Nos
	3. Extra Coarse Diamond (Polishing) Bur 4mm – 2 Nos	Coarse Diamond (Polishing) Bur 4mm - 4 Nos
	4. Extra Coarse Diamond (Polishing) Bur 5mm – 1 No	Coarse Diamond (Polishing) Bur 5mm - 4 No
	5. Fluted (Cutting) Bur Aggressive 2mm – 2 Nos	Fluted (Cutting) Bur Aggressive 2mm -2.5mm - 4 Nos
	6. Fluted (Cutting) Bur Aggressive 3mm – 3 Nos	Fluted (Cutting) Bur Aggressive 3mm – 3.5mm - 4 Nos
	9. Fluted (Cutting) Bur Aggressive 1mm – 2 Nos	Fluted (Cutting) Bur Aggressive 1mm – 1.5mm - 4 Nos
	(d) Burs for Stapedectomy & Cochlear Surgeries	
	1. Pointed Drill 0.5mm – 2Nos	Items deleted
	2. Plain Round Drill 0.5mm – 2 Nos	Items deleted
6	Specifications For 4 K Display with High Definition Imaging Systems consisting of:	
	(i) Chip CMOS/CCD High Definition Endoscopic Camera System	
	1. HD video with 1920x1080p native resolution, progressive scan technology 2. CMOS/CCD 3-Chip camera technology 3. Control of ICG fluorescent viewing from the camera head 4. Programmable buttons to adjust the cavity backlighting and intensity of ICG fluorescence vibrancy from the camera head 5. Dynamic Range Enhancement designed to improve visualization in the surgical field by creating a brighter image in dark and posterior compartments 6. Desaturation to decrease the saturation of colour in the image to the level preferable by the surgeon 7. Min 9 cross-specialty settings for optimized colour and brightness 8. Device Control from the camera head 9. Min 3 programmable buttons on the camera head 10. Customizable colour settings and button function settings per surgical specialty 11. Ergonomic, lightweight camera head design 12. Intuitive touch screen LCD interface for ease of operation 13. Endoscopic Near-Infrared Visualization Fluorescent imaging for visual assessment of vessels, blood flow, tissue perfusion, and biliary structure identification with ICG	<u>Modification:</u> Control of ICG fluorescent viewing from the camera head/Footswitch <u>Modification:</u> Programmable buttons to adjust the cavity backlighting and intensity of ICG fluorescence vibrancy from the camera head/ Automatic adjustment <u>Modification:</u> The system should be Plug & Play (NOT Min 9 cross-specialty settings for optimized colour and brightness) Deleted: Dynamic Range Enhancement designed to improve visualization in the surgical field by creating a brighter image in dark and posterior compartments Deleted: Desaturation to decrease the saturation of colour in the image to the level preferable by the surgeon Deleted: Intuitive touch screen LCD interface for ease of operation
	(ii) Objective Zoom lens: Zoom lens with snap on lock. C-mount connector. ·Immersible Focal length f = 16-28 mm	• (II) Objective Zoom lens: <u>Modification:</u> Zoom lens with snap on lock/ Integrated zoom <u>Modification:</u> Focal length f = 16-30 mm
	(iii) Min 300 wt LED Light Source with Fiber Optic Cable	• (III) Light Source

<p>Enables users to visualize standard white light wavelengths, Infrared light wavelengths, and Endoscopic Near Infrared wavelengths using ICG technology Control the Light Source directly from the camera head Adjustable light intensity in both white light mode and in ICG mode Optional Integrated Infrared lighted fibres/U Kit for ureteral detection Integrated Safelight technology designed to put the Light Source into Standby mode when disconnecting the scope from the light cable Intuitive capacitive LED touch screen user interface Universal jaw for broad compatibility of fiber optic cable and ease of use If Xenon light source: 4 extra Xenon bulbs should be supplied</p>	<p><u>Modification:</u> Min 300 W LED Light Source with Fiber Optic Cable / 300 W Xenon <u>Deleted:</u> Optional Integrated Infrared lighted fibres/U Kit for ureteral detection</p>
<p>(iv) Light Guide Cable: (Should have following specifications) Light cable bundle should be high quality glass fibres Diameter 5.00 mm, 3.5 to 4.5 meter long. Very high temperature resistance. Higher light transmission than standard cables Exceptionally resistant to the chemicals Significantly extended service life Easier handling and less likely for fibre fracture due to higher flexibility and bend protection</p>	<p>• (iv) Light Guide Cable: <u>Modification:</u> Light cable Diameter 4.5 -5.00 mm,</p>
<p>(v) 4K Medical Grade Monitor: 4K Medical Grade Coloured Monitor min 32" IPS Alpha panel with LED backlight Flat Panel PAL/NTSC system compatible. The response time should be <8ms. Composite, S-Video and DVI/HDMI inputs Compact & Lightweight design. The system should have Compact & Lightweight design The system should have Aspect ratio 17:9, Resolution 4096 x 2160 contrast ration 1400:1with viewing angle 178 degree Must have a preset specialty setting</p>	<p>• (V) 4K Medical Grade Monitor: <u>Modification:</u> 4K Medical Grade Coloured Monitor minimum size 31" IPS Alpha panel with LED backlight Flat Panel Monitor with <u>Modification:</u> DisplayPort, 12G SDI (NOT Composite, S-Video and DVI/HDMI inputs) <u>Modification:</u> The system should have aspect ratio 16:9, Resolution 3840 x 2100 or higher</p>
<p>(vi) Endoscopy Trolley / Video cart Should be from same manufacturer</p>	<p>No change</p>
<p>(vii) High Definition Recording System: (Should have following specifications) A high definition video recorder system should be marketed by same company Should have LCD Display & keyboard Should be able to record a full HD 3D imaging recording. Should have internal hard disk drive of 500GB to 1TB and should have facility of recording on Blu-ray Disc/DVD Disc or USB memory stick if required by user. The recorder should have two input of DVI, HD-SDI, Composite video & S-video inputs for recording. The recording should be MPEG 4 AVC / H.264 format with a maximum native resolution of 1920 * 1080 pixels depending on the input selected. Can be connected & recorded from OT in light camera also</p>	<p>• (VII) High Definition Recording System: <u>Modification:</u> Should have LCD Display & keyboard / Touch Panel <u>Modification:</u> Should be able to record a full HD 3D / 4K imaging recording <u>Modification:</u> The recorder should have input for support of 12G SDI interfaces</p>

	Last date & time sale/downloading of	Last closing/submission	Date of opening of Techno -	Earlier date of opening	Amendment Status for opening date
--	--------------------------------------	-------------------------	-----------------------------	-------------------------	-----------------------------------

Name of Item	Tender document	date & time for receipt of tender	Commercial bids.		
1.Vessel Sealer (Harmonic enseal) 2.Vessel Sealer (Ligasure) 3.Diathermy 4.Laparoscope set Operative with one endo vision system and insufflator system(one camera for two sets) 5.OT Table (imported) 6.OT Table (imported) for ENT/Head & Neck 7.Abdominal Retractor (Thompson Type) 8.Abdominal Retractor (Omnittract Type) 9.Co2 Laser 10.Trans Oral Ultrasound Surgical System (TOUSS) 11.Pediatric & Adult Flexible Fiberoptic Bronchoscope with Video Processor, Display, Light Source 12.FESS Set with Micro-debrider for Anterior Skull Base 13.Electric Powered Micro Drill System 14.Electric Dermatome 15.Therapeutic Flexible Video Laryngoscope with NBI 16.Micro Laryngoscopy including TLM (ml Scopy Set) 17.Operative Microscope 18.LED Headlight 19.OPD Wall Mounted Light	15.01.2019, up to 13.00 hrs IST	15.01.2019,14.00 hrs IST	15.01.2019, 14.30 hrs IST	04.01.2019	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 published in the news papers.

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

CNCI vide email dated 31.12.2018 (copy enclosed) conveyed their decision for item no 12 FESS on pre bid queries sent to CNCI vide HSCC letter no. HSCC/PUR/CNCI –Kolkata dated 04.12.2018, however decision pre bid queries on item OPD Wall Mounted Light, ICU Ventilator, Pediatric & Adult Flexible Fiberoptic Bronchoscope with Video Processor, Display, Light Source yet to be received, therefore it is proposed that the same may be upload on the website.

Submitted for approval please

GM (Projects)

Sr. CGM -I