

**HSCC (I) Ltd**

**Amendment –XI Dated 07.02.2020**

**Tender Ref : HSCC/AIIMS-RAEBARELI/Hospital/2/2019 Dated : 28.11.2019**

**Subject: Technical Amendments and Extension of Bid submission Date.**

**Tender Ref: HSCC/AIIMS-RAEBARELI/Hospital/2/2019 Dated : 28.11.2019**

**Department: ENT.**

**Item No. 8, ENT Workstation**

<b>Spec. Sr. No.</b>	<b>TENDER SPECIFICATION</b>	<b>READ AS</b>
2	Minimum 02 large pull-out trays with dividers located in compartment under hinged cover	Minimum 02 large pull-out trays with dividers located in compartment with dust protection cover.
3	At least 1 drawer with dividers	At least 3 drawer with dividers including one drawer with UV Sterilization
8	Writing drawer/dressing plate/X-ray viewer on the same horizontal platform with illumination.	Writing drawer/dressing plate/X-ray viewer on the same horizontal platform with illumination. X ray viewer as vertical attachment.
12	Separate endoscopy recording system	Integrated recording system
12.A	This recording system should be separate from the imaging and recording system integrated with the microscope.	The recording system may be same or separate for endoscopy and microscopy, but it/these should be of full HD resolution and should have single chip CCD or CMOS sensor. If separate recording system are there, at least one should be integrated with main unit.
12.C	High performance using at least dual core processor or better. At least 500 GB of memory. Capable of recording at least 15 hours of video or at least 10,000 images	The hardware for the recording system should be High performance Laptop using at least i-5 processor or better. At least 500 GB of memory. Capable of recording at least 15 hours of video or at least 10,000 images
12.D	At least 2 LAN ports.	At least 2 LAN and 2 or more USB 3.0 ports(LAN and USB are different)
12.G	Should have ability to generate dvi and/or mpeg4 videos. Ability to generate jpeg and tiff images of at least 600 dpi. Capable of taking at least 180 images per second	Should have ability to generate high quality HD Videos mpeg4 or equivalent or better. Ability to generate High quality images of format jpeg and tiff images or equivalent
12.I	Still photo/video mode is selected by foot pedal or by shutter release on the touchscreen. The findings can be tagged directly on the touchscreen using finger touch.	Recording features should be controlled by either touchscreen or wireless mouse & keyboard
12.J	Touch screen should also be operable with gloves and also by mouse & keyboard. Result finding tagging by touching the image. Mouse and keyboard wireless attachment	Deleted
12.L	Capable of connecting two monitors with automatic switching between them.	The recording system should be Capable of connecting two monitors.
12.M	Should have incorporated global shutter technology so that it can be used for stroboscopy.	Should be able to be used for stroboscopy.

12.O	C-MOS technology with high sensitivity to light.	deleted
12.Q	A laser coloured multifunction (copy, scan and print) printer for printing reports be provided with the device. It is permissible for that a printer be of different manufacturer but should be European CE or US FDA approved.	A laser coloured multifunction (copy, scan and print) printer from reputed make for printing reports be provided with the device.
12.R	Should be compatible with Microsoft windows XP, 7, and/or the latest versions	The hardware for the recording system should use latest/ suitable Windows platform.
13	Cautery power output with banana sockets in front panel. Integrated with the main unit. 50 Watt high frequency electrosurgical unit, Monopolar accessories & set of cautery probes should be supplied.	Cautery power output with banana sockets in front panel. Integrated with the main unit. Minimum 50 Watt high frequency electrosurgical unit, Monopolar accessories & set of cautery probes should be supplied.
14.B	Capacity: 55 ltr/min to 70 ltr/min, vacuum: -80 to -98kpa, with secretion collection of 1ltr/1.5ltr with automatic secretion canister evacuator system.	Capacity: Min 40 to 60 ltr/min and Max should be 70 ltr/min or more, vacuum: -80 to -98kpa, with secretion collection of 1ltr/1.5ltr with automatic secretion canister evacuator system or Manual Canister emptying system.
14.E	<b>Suction Cannulas 1.0 to 4.0 mm (Preferably 4 sizes).</b>	<b>Suction Cannulas (Preferably 4 sizes).</b>
15A	Should preferably have compressed air system have a tank for compressed air so that compressor is not required repeatedly.	Should have compressed air system with automatic activation.
	Suitable fibroptic chords or light carriers for endoscopes. Disinfection and warming quivers for endoscopes preferably placed in extension arm (preferably for 5 endoscopes). Preheating quivers disinfection quivers, disinfection quivers, disinfection time control, removable and disinfected quivers for flexible scopes	Disinfection quivers for 3 endoscopes Warming quivers for (Minimum for 4 endoscopes). Quivers for Flexible endoscopes (minimum 3 nos)
C	Autoclavable handles with snap closure system and fine regulation valve.	Autoclavable Irrigation canula for handles with snap closure system and fine regulation valve.
E	Should have sinus drainage tube as well as front cannulas and a water supply hose and autoclavable water filter with cartridge.	Deleted
F	Disposable filters with short life are not permissible.	Suitable filters for automatic canister evacuation system till warranty period
19	Pre-heater for up to 60 mirrors of different sizes mounted on pull-out tray. Removable block for sterilization. Mirror re-warmer with the single handed heating function.	Pre-heater for Min 50 autoclavable mirrors of different sizes mounted on pull-out tray. Removable block for sterilization. Mirror re-warmer with the single handed heating function.
20C	Switched on/off from control panel with dimmer or Switched automatic on/ off, on the movement of the microscope Column	Switched on/off from control panel or Switched automatic on/ off, on the movement of the microscope arm.
20F	3 to 5 step magnification changer	Deleted
20G	Inbuilt LED light source in the camera head.	Inbuilt LED light source in the Microscope with Beam splitter for Camera head connectivity.
20H	SD Camera with microscope with a facility to take images, video with arching software	Single chip Full HD Camera (CCD/CMOS) for Endoscope and Microscope with a facility to take images, video with Recording software with HD video signal.
20J	Digital Video Camera with PAL/NTSC video system, CCD sensor 1/3"	Deleted
20N	C-mount adaptor 28mm, waterproof	waterproof suitable C-mount Coupler

20P	16" TFT monitor, LCD flat screen. Not same as in point number 12	At least 16" TFT LCD /LED Full HD Monitor
<b>20S</b>	<b>Aseptic splash protection for the objective lens.</b>	<b>Deleted</b>
21	Both USFDA and European CE approved and inclusion subject to demonstration if asked for by experts.	The microscope , Camera and Monitor should be USFDA or European CE with 4 digit notified body number or BIS. Inclusion subject to demonstration if asked for by experts.
22	Integrated fibre optic light source for telescopes with 4 fibre optic cable. Cold light source (Preferably LED) Intensity adjustable from 50- 150W. Heat absorbance filter and ventilation system. Four outlets for light cable. It will be preferable if light source is placed near the endoscopic quivers.	Ent work station should have 4 LED light source and should be supplied with 4 suitable fiberoptic cables. The intensity of each LED Light should be equivalent to 150 watt of Halogen or 1000 Lumen or more.
23A	Adjustable & comfortable head band vertical and side to side adjustable. Preferably automatic activation of head light.	Adjustable & comfortable head band vertical and side to side adjustable. Automatic activation of head light when removed from Headlight rest.
23C	Focal length 20-30 cm.	deleted
23E	Spare lamp for head light	Deleted
23F	Compatible with light source housed in main unit.	the Fiberoptic Headlight should be Connected with one of the light source housed in main unit.
24B	Min. seat height: 46 cm to 55cm	Min. seat height: 40 cm to 55cm
25B	Seat should have motorized lifting device. Lifting range 30 cm. Height 50 to 82 cm.	Seat should have motorized lifting device. Minimum Height should be 50 to 55 cm and maximum height should be 80 to 90cm.
25H	Electric rotation 180 degree	Deleted
25I	Should confirm US FDA and European standards	Should confirm US FDA or European CE with 4 digit notified body number or BIS.
26D	It should have drawers for storage and instrument drawers with aluminium, trays and set of stainless steel dividers	It should have drawers for storage and instrument drawers with aluminum /stainless steel trays and set of stainless steel dividers.
27	Head mirror rest with automatic on/off switch	deleted
	<b>Point Added</b>	<b>Should be US-FDA or European CE with 4 Digit notified body number . or BIS</b>

**Department: ENT**

**Item No. 1, ENT Operating Microscope**

<b>Spec. Sr. No.</b>	<b>TENDER SPECIFICATION</b>	<b>READ AS</b>
06	Objective lense for 200 mm ,300 mm and 400 mm.	Should have motorized variable working distance from 200mm to 450 mm or more in one lense.
10	Xenon illumination for the day light character with backup illumination of Xenon /halogen lamp with power preferable inbuilt in study floor stand	300 W Xenon illumination for the day light character with backup illumination of Xenon lamp with power preferable inbuilt in study floor stand
	<b>Point Added</b>	<b>Should be US-FDA or European CE with 4 Digit notified body number . or BIS</b>

**Tender Ref : HSCC/AIIMS-RAEBARELI/Hospital/2/2019 Dated : 28.11.2019**

**Department: ENT**

**Item No. 2, Pure Tone Audiometer**

<b>Spec. Sr. No.</b>	<b>TENDER SPECIFICATION</b>	<b>READ AS</b>
	Point Added	Should be US-FDA or European CE with 4 Digit notified body number . or BIS

**Tender Ref : HSCC/AIIMS-RAEBARELI/Hospital/2/2019 Dated : 28.11.2019****Department: ENT****Item No. 3, Tympanometre**

<b>Spec. Sr. No.</b>	<b>TENDER SPECIFICATION</b>	<b>READ AS</b>
18	Memory : Test results of Minimum 20 Tests	It Should be 10 Tests records
	Point Added	Should be US-FDA or European CE with 4 Digit notified body number . or BIS

**Tender Ref : HSCC/AIIMS-RAEBARELI/Hospital/2/2019 Dated : 28.11.2019****Department: ENT****Item No. 4, OAE (Screening)**

<b>Spec. Sr. No.</b>	<b>TENDER SPECIFICATION</b>	<b>READ AS</b>
ii	Sample Rate - 16 kHz	Sample Rate should be at least 16kHz
iii	Level Ratio L2/L1- Scissor Paradigm	Deleted
iii	Level Ratio L2/L1- Scissor Paradigm	Deleted
iv	Measurement Interval- 512 samples	Deleted
iv	Measurement Interval- 512 samples	Deleted
v	Frequencies f2- 1.5, 2, 3, 4, 6, 8, kHz (single & multiple selections possible)	Frequencies range f2 Should be 1 to 8 kHz.with single or multiple selections possible.
xiv	Power supply: (4) AA/UM-3/R6 - alkaline, lithium.	Power supply: (4) AA/UM-3/R6 - alkaline or Li-ion battery.
xvi	Display: LCD-display 4 line x 10 character	Display: LCD/ LED/TFT -minimum 4 inch display.
	It should be upgradable to diagnostic DPOAE and TEOAE	Deleted
xii	Stimulus intensity: 40 to 70 dB SPL (DPOAE). 83 dB	Stimulus intensity: 0 - 70 dB SPL (in steps of 1 DB) for DPOAE
	Point Added	Should be US-FDA or European CE with 4 Digit notified body number . or BIS

**Tender Ref : HSCC/AIIMS-RAEBARELI/Hospital/2/2019 Dated : 28.11.2019**

**Department: ENT**

**Item No. 5, Brainstem Evoked Response Audiometer (BERA) with**

<b>Spec. Sr. No.</b>	<b>TENDER SPECIFICATION</b>	<b>READ AS</b>
1 (xvii)	Essential facility for OAE and NCT	Essential facility of Diagnostic OAE with necessary probe.
	<b>Point Added</b>	<b>Should be US-FDA or European CE with 4 Digit notified body number . or BIS</b>

**Tender Ref : HSCC/AIIMS-RAEBARELI/Hospital/2/2019 Dated : 28.11.2019**

**Department: ENT**

**Item No. 6, Endoscopic sinus surgery Set**

<b>Spec. Sr. No.</b>	<b>TENDER SPECIFICATION</b>	<b>READ AS</b>
34	Through cut forceps (straight / 45 deg) - 18x3 mm, 11.5 x 3.5 mm - 02 each	<b>Through cut forceps 8x3mm</b>
37	Frontal sinus seeker (Double ended 22 cm - 70 deg and 90 deg) -01	<b>Double ended frontal sinus seeker 22cm with 70 -77 degree and 90 degree ends</b>
B - b	Unit should be compatible with communication Bus system for remote controlled operation of the various features along with other equipment.	<b>Deleted</b>
B - h	Fiberoptic Head Band - 2	<b>Deleted</b>
C - viii	Should have USB/Image capture interface for direct storage of still/ video sequences.	Should have USB/Image capture interface for direct storage of HD Still /HD Video sequence.
	<b>Point Added</b>	<b>Should be US-FDA or European CE with 4 Digit notified body number . or BIS</b>

**Tender Ref : HSCC/AIIMS-RAEBARELI/Hospital/2/2019 Dated : 28.11.2019**

**Department: ENT**

**Item No. 7,Shavar System Cum Micro Drill System**

<b>Spec. Sr. No.</b>	<b>TENDER SPECIFICATION</b>	<b>READ AS</b>
A	It should be fully upgradable to one unit - six function	It should be fully upgradable unit
A - 5	Drill for Otology / NASAL/ DCR & Skull Base Surgery.	<b>Deleted</b>
6	Skeeter Drill( for stapedotomy)	Drill for stapedotomy
3	Air supply 0.35 to 0.60MPa	Deleted
4	Capability – 350ml	Deleted
5	Air Displacement – 60L/min	Deleted
9	Both Autoclavable and disposal range of blades should be available	Autoclavable / disposal range of blades should be available
	<b>Point Added</b>	<b>Should be US-FDA or European CE with 4 Digit notified body number . or BIS</b>

**Tender Ref : HSCC/AIIMS-RAEBARELI/Hospital/2/2019 Dated : 28.11.2019**

**Department: ENT**

**Item No. 9, ENT Surgical Instruments.**

<b>Spec. Sr. No.</b>	<b>TENDER SPECIFICATION</b>	<b>READ AS</b>
	Point Added	Qualification Criteria (Instruments Specifications)
	Point Added	3. Demonstration if needed has to be given.
	Point Added	4. Instruments should be made from High Quality Surgical Grade Steel i.e. Grade 410 & 420 or equivalent.
	Point Added	5. Instruments should have Laser surface or ebonized or equivalent finish to provide appropriate reflection lowering finish.
	Point Added	6. Catalogue number & Article number should be mentioned on each and every instrument.
	Point Added	7. There should be Country of Origin/Manufacturing engraved on each and every instrument. 8. Certificate of Origin to be issued by Accredited Chamber of Commerce of the manufacturing Country.
	Point Added	8. Quoting Company should have relevant experience in successful execution of similar work in at least 4 to 5 Institutes of National importance or Central Government Institutes. Performance certificate of the same should be attached.
	Point Added	All Instrument Should be US-FDA or European CE with 4 Digit notified body number . or BIS

**Tender Ref : HSCC/AIIMS-RAEBARELI/Hospital/2/2019 Dated : 28.11.2019**

**Department: ENT**

**Item No. 10, Bronchoscopy (Adult).**

<b>Spec. Sr. No.</b>	<b>TENDER SPECIFICATION</b>	<b>READ AS</b>
	Point Added	Should be US-FDA or European CE with 4 Digit notified body number . or BIS

**Tender Ref : HSCC/AIIMS-RAEBARELI/Hospital/2/2019 Dated : 28.11.2019**

**Department: ENT**

**Item No.: 11 Flexible rhino-pharyngo-laryngoscope**

<b>Spec. Sr. No.</b>	<b>TENDER SPECIFICATION</b>	<b>READ AS</b>
B - 6	Deflection : Upward upto 160 deg. Downward upto 150 deg.	DEFLECTION 180 BY 100 or above
	Point Added	Should be US-FDA or European CE with 4 Digit notified body number . or BIS

**Tender Ref : HSCC/AIIMS-RAEBARELI/Hospital/2/2019 Dated : 28.11.2019**

**Department: Radiology (A)**

**Item No. 4: Mobile X-Ray (High Frequency)**

<b>Spec. Sr. No.</b>	<b>TENDER SPECIFICATION</b>	<b>READ AS</b>
Pt. No. 4	point 4. Tube stand should be fully counter balanced/spring balanced with rotation in all direction.	Tube stand should be fully counter balanced/spring balanced with tube head rotation in all direction.
point 1.iv	point 1.iv. mA range 10mA - 100mA or more	Maximum Tube Current should be 100mA or more
1 (v)	Exposure Time : 10msec to 2sec	Exposure Time : 10msec to 2secs or more
5	Collimator rotation should be +45 to -45 degrees with auto shut off lamp facility.	Collimator rotation +/- 45° or more with auto shut off lamp facility.
	Point Added	Should be US-FDA or European CE with 4 Digit notified body number . or BIS

**Tender Ref : HSCC/AIIMS-RAEBARELI/Hospital/2/2019 Dated : 28.11.2019****Department: Radiology (A)****Item No. 5: Colour Doppler (2 D & 3D)**

<b>Spec. Sr. No.</b>	<b>TENDER SPECIFICATION</b>	<b>READ AS</b>
	Point Added	Should be US-FDA or European CE with 4 Digit notified body number . or BIS

**Tender Ref : HSCC/AIIMS-RAEBARELI/Hospital/2/2019 Dated : 28.11.2019****Department: Radiology (A)****Item No. 6: Portable Colour Doppler System**

<b>Spec. Sr. No.</b>	<b>TENDER SPECIFICATION</b>	<b>READ AS</b>
	The system must have integrated high – resolution TFT / LCD/Single monitor of 12” inches or more	The system must have integrated high – resolution TFT / LCD/Single monitor of 10” inches or more
	Controls for 2D mode, total gain, depth, TDC, dynamic range, acoustic power output	Controls for 2D mode, total gain, depth, TDC, dynamic range.
	Point Added	Should be US-FDA or European CE with 4 Digit notified body number . or BIS

**Tender Ref : HSCC/AIIMS-RAEBARELI/Hospital/2/2019 Dated : 28.11.2019**

**Department: Radiology (A)**

**Item No. 7: CR System**

<b>Spec. Sr. No.</b>	<b>TENDER SPECIFICATION</b>	<b>READ AS</b>
2.c	CR Reader/Digitizer of <b><u>6 pixels/mm</u></b> (minimum) for standard resolution cassettes & 10 pixel/mm (minimum) for high resolution cassette reading	2.c. CR Reader/Digitizer of <b><u>5 pixels/mm</u></b> (minimum) for standard resolution cassettes & 10 pixel/mm (minimum) for high resolution cassette reading
	Point Added	Should be US-FDA or European CE with 4 Digit notified body number . or BIS

**Tender Ref : HSCC/AIIMS-RAEBARELI/Hospital/2/2019 Dated : 28.11.2019**

**Department: Radiology (A)**

**Item No. 8: Memography System**

<b>Spec. Sr. No.</b>	<b>TENDER SPECIFICATION</b>	<b>READ AS</b>
Point 11.b.	Point 8.g. Removal and installation of the grid/ breast support motorize	Removal and installation of the grid/ breast support .
6a.	Beam Filter:2nos.(Mo/Ag/Al) &Rh	Beam atleast 1 Filter:.(Mo/Ag/Al/Rh)
7d	DQE at 0LP/mm: 60% OR DQE at 5LP/mm:29%	DQE at 0 LP/mm: 60% OR at 0.05LP/mm:50% OR at 5LP/mm:28%
4	Single track dual focus mammography X-ray tube with additional beam filters and automatic collimator.	Single/Dual track dual focus mammography X-ray tube with additional beam filters and automatic collimator.
	Point Added	Should be US-FDA or European CE with 4 Digit notified body number . or BIS

**Tender Ref : HSCC/AIIMS-RAEBARELI/Hospital/2/2019 Dated : 28.11.2019**

**Department: K, Pediatrics Deptt**

**Item No. 1: Neonatal open care system**

<b>Spec. Sr. No.</b>	<b>Exist As</b>	<b>READ AS</b>
<b><u>Item No. K1</u></b>	<b><u>Neonatal open care system -6 Nos. for Hospital Block</u></b> <b><u>EMD : 24000/-</u></b>	<b><u>Neonatal open care system -12 Nos. for Hospital Block</u></b> <b><u>(6 No. for Paediatric Department +6 No. for Paediatric Surgery Department)</u></b>  <b><u>EMD : 48000/-</u></b>

In view of the above amendments it is proposed the bid submission date is extended for the following form 07.02.2020 To13.02.2020

1. Item No. A4,A5,A6,A7,A8, For (Radiology Department )
2. B1,B2,B3,B4,B5, (For Orthopedic Department)
3. C2,C7( For Urology Department)
4. D1,D2,D3,D4,D5,D6,D7, (For CTVS Department)
5. E1,E2,E3,E4,E5,E6, (For Neurosurgery Department )
6. F1,F2,F3,(For Surgery Department )
7. H1,H2,H3,H4, (For Dermatology Department )
8. I1,I2,I3,I4,I5,I6,I7,8,I9,I10,I11 (For ENT Department)
9. J1,J2,J3,J4,J5,J6,J7,J8,J9,J10 (For Gyne & Obs. Department )
10. K1,K2,K3,(For Pediatric Department )
11. L1,L2,L3,L4,L5,L6,L7,L8,L9,L10,L11,L12,L13,L14,L15,L16,L17,L18( For Blood Bank ) ,
12. M1,M2,M3, (For PMR) ,
13. N6C,N7,N8,N9,N10,N11,N12 ( For Others Department)

Amendments of Equipments under Orthopedics Department, CTVS Department, Neurosurgery Department Surgery Department, Gyne & Obst. Department , Blood Bank and PMR Department ,Item No. N8 (C-Arm with IITV ) and Item No. N6C are pending. Meantime, their bid submission date is also extended to 13.02.2020.

All other terms and conditions of the tender enquiry documents including Amendments issued so far shall remain unchanged.

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

**For CGM (P)**  
**HSCC (I) Ltd**