

03-03-2020

Amendment No. 2

Sub: Amendment to the referred tender enquiry

Ref.: HITES/PCD/AIIMS-IV/27/ENT/19-20 dated 29-01-2020

The following changes are being incorporated in the above referred Tender Enquiry Document.

SECTION INOTICE INVITING TENDER (NIT)**2) Tender Timeline:****Existing:**

Sl. No.	Description	Schedule
c.	Closing date & time for submission of online bids	05-03-2020, 1200 hrs
d.	Closing date & time for submission of tender processing fee and EMD in physical form*	06 -03-2020, 1400 hrs
e.	Time and date of opening of online bids	06-03-2020, 1430 hrs

Read as:

Sl. No.	Description	Schedule
c.	Closing date & time for submission of online bids	19-03-2020, 1200 hrs
d.	Closing date & time for submission of tender processing fee and EMD in physical form*	20-03-2020, 1400 hrs
e.	Time and date of opening of online bids	20-03-2020, 1430 hrs

SECTION – VIITECHNICAL SPECIFICATIONS

Item 01 - ENT Operating Microscope		
Tender Page & Para	TENDER SPECIFICATION	AMENDED SPECIFICATION
Page 45, Para 1	Heavy Mobile floor stand with mechanical brakes and good counter weight balancing system and locking device.	Heavy Mobile floor stand with Magnetic brakes and good counter weight balancing system and locking device.
Page 45, Para 5	Field of view 25 mm to 150 mm continuously variable.	Field of view 20 (+/-5) mm to 150 mm continuously variable.
Page 45, Para 6	Objective lens for 200mm, 300mm, 400mm	Objective lens for 200mm to 400mm
Page 45, Para 10	Xenon illumination for day light character with back up illumination of xenon/halogen lamp with power supply preferable inbuilt in sturdy floor stand.	LED illumination (equivalent to 300 Watt of Xenon lamp)
Page 45, Para 11	Three chip CCD Camera	Three chip full HD (1920 x 1080p) CCD Camera
Page 45,	20" LCD monitor compatible with camera mounted	20" or more medical grade full HD (1920 x 1080p)

Para 12	on the microscope	LED monitor compatible with camera mounted on the microscope
Page 45, Para 13	CD/DVD recording device for documentation	Recording should be done on USB and external hard disk of atleast 2 TB
Page 45, Para 15	One Spare Xenon Bulb	Deleted
Item 02 - Pure tone audiometer		
Tender Page & Para	TENDER SPECIFICATION	AMENDED SPECIFICATION
Page 46, Para 1 .d	Automatic Threshold	Automatic /Manual Threshold
Page 46, Para 2.f	Loudness Balancing: 250 Hz, 500 Hz, 2kHz, 4kHz, 6kHz NB noise with direct comparison to standard curves	Deleted
		Added Para: Should supply; a) Laptop with latest processor with inbuilt 512 SSD, 8 GB RAM b) Colour Laser printer Should supply Accessories: a) Incert Ear phones TDS 39 - 1 no extra b) Bone conduction head phone - 1 no extra
Item 03 - Impedence Tympanometer		
Tender Page & Para	TENDER SPECIFICATION	AMENDED SPECIFICATION
Page 47, Para 4	Volume Range - 0.1 ml to 6.0 ml	Volume Range - 0.2 ml to 6.0 ml
Page 46, Para 8	Test Frequencies- 500, 1000, 2000, 4000 Hz \pm 2%	Test Frequencies- 500, 1000, 2000, 4000 Hz \pm 3%
Page 46, Para 18	Memory :test results of minimum 20 cases.	Memory :test results of minimum 500 cases.
Page 46, Para 24	Automatic self calibration	Automatic self calibration with test cavity
		Added Para: Should supply; a) Laptop with latest processor with inbuilt 512 SSD, 8 GB RAM b) Colour Laser printer Should supply Accessories: a) Ear tips - 2 boxes b) Probes set - 1 set extra
Item 04 - Otoacoustic Emission (Screening Unit)		
Tender Page & Para	TENDER SPECIFICATION	AMENDED SPECIFICATION
Page 48, Para 1. ii	TEOAE Sample Rate - 16kHz	TEOAE Sample Rate - 16kHz or more
Page 48, Para 2. iii	DPOAE Level ratio L2/L1 Scissor Paradigm	Deleted

Page 48, Para 2. iv	DPOAE Measurement interval - 512 samples	Deleted
Page 48, Para 2. v	DPOAE Frequencies f2-1.5,2,3,4,6,8 kHz (single and multiple selections possible)	DPOAE Frequencies f2-should be 1.5 kHz to 8 kHz
Page 48, Para 2. vi	Stimulus levels L2-35 to 65 db HL (in steps of 5 dB)	Stimulus levels L2: 0 to 70 db HL
Page 48, Para 2. x	Data transfer to PC via USB or wireless	Data transfer to laptop via USB or wireless
Page 48, Para 2. xi	Printing via PC/ Printer (Software should be included)	Printing via laptop/ colour Printer (Software should be included)
Page 48, Para 2. xvi	Display: LCD display 4line x 10 character	Display: LCD / TFT display
		Added Para: Should supply; a) Laptop with latest processor with inbuilt 512 SSD, 8 GB RAM b) Colour Laser printer Should supply Accessories: a) Ear tips - 2 boxes b) OAE Probe set - 2 nos extra
Item 05 - BERA with ASSR		
Tender Page & Para	TENDER SPECIFICATION	AMENDED SPECIFICATION
Page 49, Para 1. xvii	Essential facility for OAE and NCT	Deleted
Page 49, Para 2. v	Noise 6.0 nV Hz	Noise 5 to 120 nV Hz
Page 49, Para	Should have stimulus type; should be- klik, pure tone & Filter.	Should have stimulus type; should be- klik, pure tone.
		Added Para: Should supply; a) Laptop with latest processor with inbuilt 512 SSD, 8 GB RAM b) Colour Laser printer Should supply Accessories: a) Cup EP electrodes - 12 nos
Item 06 - Endoscopic sinus surgery set Xenon head light with camera system		
Tender Page & Para	TENDER SPECIFICATION	AMENDED SPECIFICATION
Page 50, para 1	0 degree, 4 mm, 18cm wide angle straight forward telescope autoclavable	0 degree, 4 mm, 16-18cm wide angle straight forward telescope autoclavable
Page 50, para 2	30 degree, 4 mm, 18cm wide angle straight forward telescope autoclavable	30 degree, 4 mm, 16-18cm wide angle straight forward telescope autoclavable
Page 50, para 3	45 degree, 4 mm, 18cm wide angle straight forward telescope autoclavable	45 degree, 4 mm, 16-18cm wide angle straight forward telescope autoclavable
Page 50, para 4	70 degree, 4 mm, 18cm wide angle straight forward telescope autoclavable	70 degree, 4 mm, 16-18cm wide angle straight forward telescope autoclavable

Page 50, para 5	0 degree, 2.7 mm, 18cm straight forward telescope autoclavable	0 degree, 2.7 mm, 16-18cm straight forward telescope autoclavable
Page 50, para 6	30 degree, 2.7 mm, 18cm straight forward telescope autoclavable	30 degree, 2.7 mm, 16-18cm straight forward telescope autoclavable
Page 50, para 7	Compatible handle for above telescops	Deleted
Page 50 Last Para	5 Years comprehensive warranty + 5 years AMC/CMC for the S.No 1 to 6 & 17, 1	Deleted
Page 51, para B.	XENON LIGHT SOURCE AND LIGHT CABLE QUANTITY : 1	LED LIGHT SOURCE AND LIGHT CABLE QUANTITY : 1
Page 51, para B.a	High light intensity with 300watt Xenon Lamp (with one extra spare bulb	LED Light source with equivalent to minimum 300 watt Xenon Lamp with lamp life of 30,000 hours or more
Page 51, para B. b	High colour temperature - more than 6000 k corresponds to brightness of spunlight resulting in high visual and photographic clarity	High colour temperature - 5800k - 6000k corresponds to brightness of spunlight resulting in high visual and photographic clarity
Page 51, para B. c	Monitoring of lamp function	Deleted
Page 51 Para B. d.	Unit should be compatiabile with Comunication Bus system for remote controlled operation of the various features along with other equipment.	Deleted
Page 51, para B. c	Lamp type- Xenon lamp, 300 watt	Deleted
Page 51, para f	Colour temperature approx. 6000 k	Deleted
Page 51 para B.i	With 5 years comprehensive warranty and 5 years AMC/CMC	Deleted
Page 51, para C i.	HD CCD sensing chip should optimize image qulaity & Digital Source Sampling for maximizing hi-fidelity image transmission.	3 Chip full HD CCD / 3 Chip full HD CMOS should optimize image qulaity & Digital Source Sampling for maximizing hi-fidelity image transmission.
Page 51, para C ii.	Optimize to Any Size : The system should have integrated Optical Zoom (f= 14- 30 mm, 2X) to enhance the quality of Image size & cross specialty standardisation of the camera system, regardless of the telescope used	Optimize to Any Size : The system should have Optical Zoom (f= 15- 30 mm (+/- 10%), 2X) to enhance the quality of Image size & cross specialty standardisation of the camera system, regardless of the telescope used
Page 51, para C iv.	The system should have the facility to use a single camera control unit for all camera heads (either single chip or three chip) thus minimizing preparation & maximize interspeciality standardization.	Deleted
Page 51, para A vi.	System should be capable of controlling the light control function from the camera head buttons without any additional requirement of hardware & software	Deleted
Page 51, para C viii.	Should have USB/Image capture interface for direct storage of still/video sequences	Should have USB/external storage of still/video sequences
Page 51, para ix	Screen diagoanal - minimum 23"	Screen diagoanal - 26" or more, Full HD (1920 x 1080p) Medical grade monitor mounted on arm of the trolley
Pg 51 Para x	Desktop with pedastal	Deleted
Pg 51	HD LCD crystal display.	Deleted

Para xi.		
Page 51, para xii	Trolley for whole unit	Trolley for whole unit, should be from OEM
Pg 51 Technical Specifications: Para a.	Image sensor : 3x1/3" CCD- Chip	Image sensor : 3x1/3" CCD- Chip or 3x1/3" CMOS
Pg 51 Technical Specifications: Para d.	Lens: Intergrated Parfocal Zoom Lens, f= 14mm-30 m	Lens: Parfocal Optical Zoom Lens, f= 15mm-30mm (+/- 10%)
Pg 51 Last line	All 3 parts A,B,C should be of same company	All 3 parts A,B,C should be of same manufacturer/OEM
Item 07 - Shaver System cum micro drill		
Tender Page & Para	TENDER SPECIFICATION	AMENDED SPECIFICATION
Page 52, Para A	It should be fully upgradable to one unit- six functions	It should have all six functions
Page 52, Para A 6	skeeter Drill (for stapedotomy)	Drill for stapedotomy
Pg 52 Para B. 4.	Maximum Revolution for Shaver mode should be 5000 rpm or more	Maximum Revolution for Shaver oscillation mode should be 5000 rpm or more
Page 52, Para B-9	Both Autoclavable and Disposable range of blades should be available	Disposable range of blades should be available
Page 52, Para B-10	Along with blades (2 each) - straight, curved (45,60 & 90 degrees) and circular (laryngeal)	Along with blades (2 each) - straight/curved (40/45,60/65 degrees) and laryngeal (straight & curved)
Pg 52 Para C. 2.	Voltage 220V AC at 50Hz / 22 V at 1 Hz	Deleted
Page 52, Para C 3	Air supply 0.35 to 0.60MPa	Deleted
Page 52, Para C 4	Capability - 350ml	Deleted
Page 52, Para C 5	Air Displacement - 60 L/min	Deleted
Page 52, Para D	Hand piece Straight/angled (compatible with micromotor drill) 02 each	Hand piece Straight and angled (compatible with micromotor drill) 02 each
Page 52, Para E	Drill bit Cutting/ polishing 0.5or 0.6/1.0/2.0/3.0/4.0/5.0/6.0/7.0 or 8.0 mm- 04 each	Drill bit Cutting/ polishing (0.5 or 0.6),1.0,2.0,3.0,4.0,5.0,6.0,(7.0 or 8.0 mm) - (+/- 10% variation in size acceptable)- 04 each
Page 52, Para G	Nasal drill bit with and without guard 02 Each	Nasal drill bit with or without guard - 04 nos
Pg 52 Last Para	The equipment should be European CE or US FDA or BIS approved.	The equipment should be European CE with 4 digit notified body number or US FDA or BIS approved.
		Added Para: The price of disposable items should be freezed for five years and the price should be quoted along with the price bid.

Item 08 - ENT Workstation		
Tender Page & Para	TENDER SPECIFICATION	AMENDED SPECIFICATION
Page 53, Para 3	At least 1 drawer with dividers.	At least 3 drawers with dividers and with 1 UV sterilizer .
Page 53, Para 8	Writing drawer/dressing plate/X-ray viewer on the same horizontal platform with illumination. X ray viewer as different vertical attachment is not preferable.	Deleted
Page 53, Para 10	Extension fitted with halogen head mirror lamp with adjustable intensity.	Deleted
Page 53, Para 11	Should be fitted with glove, cotton and tissue/ paper dispenser drawer.	Should be fitted with glove, cotton and tissue/ paper dispenser drawer/ container
Page 53, Para 12	Separate endoscopy recording system (from the same manufacturer).	One recording system to be provided for both endoscope and microscope .
Page 53, Para 12 a)	This recording system should be separate from the imaging and recording system integrated with the microscope.	Deleted
Page 53, Para 12 c)	High performance 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.	High performance using at least i-5 processor or better. At least 1 TB SSD . Capable of recording at least 15 hours of video or at least 10,000 images.
Page 53, Para 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 dvi and/or mpeg4 videos.
Page 53, Para 12 h)	At least 15 inch Full HD Monitor with foldable attachment on main unit of recording system. 40-45o tillable backwards. Viewing angle 170o - 180° horizontal and vertical.	21 inch or more Full HD (1920 x 1080p) monitor for recording system
Page 53, Para 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
Page 53, Para 12 l)	Capable of connecting two monitors with automatic switching between them.	Deleted
Page 53, Para 12 m)	Should have incorporated global shutter technology so that it can be used for stroboscopy.	Deleted
Page 53, Para 12 o)	C-MOS technology with high sensitivity to light.	C-MOS/ CCD technology with high sensitivity to light.
Page 53, Para 12 p)	Data can be sent to printer via LAN and be saved directly to USB stick or internal memory.	Data can be sent to printer and LAN and be saved directly to USB stick or internal memory.
Page 53, Para 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 for printing reports be provided with the device. It is permissible for that a printer be of different manufacturer
Page 53, Para 12 r)	Should be compatible with Microsoft windows XP, 7, and/or the latest versions.	Should be compatible with Microsoft windows 10 or more, and/or the latest versions.
Page 53, Para 13	Cautery power output with banana sockets in front panel. Integrated with the main unit. 50 Watt high frequency electro-surgical unit,	Deleted

	Monopolar accessories & set of cautery probes should be supplied.	
Page 53, Para 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: 40 ltr/min to 70 ltr/min, vacuum: -80 to -98kpa, with secretion collection of 1ltr/1.5ltr with automatic secretion canister evacuator system.
Page 53, Para 14 d)	Should have facility of hose rising the suction tube to avoid any growth of Bactria/fungus in the suction tubing.	Should have facility of hose rinsing the suction tube to avoid any growth of Bactria/fungus in the suction tubing.
Page 53, Para 14 e)	Suction Cannulas 1.0 to 4.0 mm (Preferably 4 sizes).	Suction Cannulas 1.0 to 4.0 mm (4 different sizes).
Page 53, Para 15 a)	Should preferably have compressed air system have a tank for compressed air so that compressor is not required repeatedly.	Should have compressed air system .
Page 54, Para 15 e)	Manometer in front panel	Manometer / pressure display in front panel
Page 54, Para 15 g)	Max. pressure: 0.1 to 4 bar	Max. pressure: ≥ 2 bar
Page 54, Para 15 i)	Suction tube cleaner with exchangeable reusable stainless steel adapter.	Deleted
Page 54, Para 16 a)	0° & 30° - 2.7 mm - 110 -140 mm working length	0° - 2.7 mm - 160 -180 mm working length
Page 54, Para 16 b)	0° & 30° - 4 mm - 175 -180 mm working length	0° - 4 mm - 160 -180 mm working length
Page 54, Para 16 c)	70° with handle (angle of view, 4 mm diameter, 175 -180 mm working length)	Deleted
Page 54, Para 16 d)	Oto-endoscope 0° & 30° (Length 5-6cm approx, diameter 2.7mm).	Oto-endoscope 0° (Length 4-7cm approx, diameter 2.7mm).
Page 54, Para 16 e)	90°Tele laryngo-pharyngoscope, magnifier scope (4X), fibre optic light transmission, air insufflation channel , adjustable focus.	90°Tele laryngo-pharyngoscope, magnifier scope (4X), fibre optic light transmission, adjustable focus.
Page 54, Para 16	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. Both USFDA and European CE approved and inclusion subject to demonstration if asked for by experts.	Disinfection and warming quivers for endoscopes preferably placed in extension arm (preferably for 4 endoscopes). Preheating quivers disinfection quivers, disinfection quivers, disinfection time control, removable and disinfected quivers for flexible scopes.
Page 54, Para 17 a)	With for ear syringing and caloric testing.	With for ear syringing having body temperature.
Page 54, Para 17 b)	Electronic temperature control of water temperature.	Deleted
Page 54, Para 17 c)	Autoclavable handles with snap closure system and fine regulation valve.	Deleted
Page 54, Para 17 d)	Should preferably have a separate stainless steel tank.	Deleted
Page 54, Para 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.	Deleted
Page 54, Para 20	Microscope	Microscope with beam splitter

Page 54, Para 20 a)	With 3-5 step magnification changers	With 3 - step magnification changers
Page 54, Para 20 f)	3 to 5 step magnification changer	Deleted
Page 54, Para 20 g)	Inbuilt LED light source in the camera head.	Inbuilt LED light source in the microscope
Page 54, Para 20 h)	HD Camera with microscope with a facility to take images, video with arching software.	Deleted
Page 54, Para 20 i)	Supplied with a Laptop (i5 processor, 6 GB RAM, 64 BIT operating system, ≥ 3.3 GHz, at least 2 years onsite warranty covering physical damage with 3 years extended warranty of the manufacturer). It is permissible for that a laptop be of different manufacturer but should be European CE or US FDA approved.	Deleted
Page 54, Para 20 j)	Digital Video Camera with PAL/NTSC video system, CCD sensor 1/3"	Deleted
Page 54, Para 20 k)	Automatic white balance with control on base unit and also on camera. Integrated Zoom lens. Instrument coupling for rigid endoscopes. Enlarged view.	Deleted
Page 54, Para 20 l)	Preset function keys on camera for control of functions and focus.	Deleted
Page 54, Para 20 n)	C-mount adaptor 28mm, waterproof	Deleted
Page 54, Para 20 o)	Long camera cable with minimum length 300cm.	Deleted
Page 54, Para 20 p)	16" TFT monitor, LCD flat screen. Not same as in point number 12.	Deleted
Page 54, Para 20 q)	Swivel arm mounted on microscope column for video monitor.	Deleted
Page 54, Para 21	Both USFDA and European CE approved and inclusion subject to demonstration if asked for by experts.	Deleted
Page 54, Para 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.	Integrated fibre optic light source for telescopes with 4 fibre optic cable. Cold light source (LED light source equivalent to 150W of Xenon lamp) Intensity adjustable.
Page 54, Para 23	Fibroptic head light.	Battery operated LED head light
Page 55, Para 23 e)	Spare lamp for head light.	Deleted
Page 55, Para 23 f)	Compatible with light source housed in main unit.	Deleted
Page 55, Para 25 b)	Seat should have motorized lifting device. Lifting range 30 cm. Height 50 to 82 cm.	Seat should have motorized lifting device. Lifting range of 25 cm. With minimum Height of 55 cm
Page 55, Para 25 c)	Integrated foot switch for easy adjustment of height.	Integrated foot switch for easy adjustment of height and back rest
Page 55, Para 25 d)	Should have complete rotation 360 degree with locking device.	Should have complete rotation 340 degree with locking device.
Page 55,	Backrest should recline to horizontal position and -	Backrest should recline to horizontal position and

Para 25 f)	100 to Trendelenberg position and adjustable head rest.	adjustable head rest.
Page 55, Para 25 h)	Electric rotation 1800.	Deleted
Page 55, Para 25 i)	Should confirm US FDA and European standards.	Deleted
26	Separate Instrument Cabinet Unit	Deleted
Page 55, Para 26 a)	Should have stainless steel top with large instrument surface with aluminium trays and set of stainless steel dividers.	Deleted
Page 55, Para 26 b)	Dust cover, integrated waste container with foot pedal.	Deleted
Page 55, Para 26 c)	Removable drawer for used instrument along with compartment for bottles.	Deleted
Page 55, Para 26 d)	It should have drawers for storage and instrument drawers with aluminium, trays and set of stainless steel dividers.	Deleted
Page 55, Para 26 e)	The unit should be mobile on castors.	Deleted
Pg 55 Para 27	Head mirror rest with automatic on/off switch.	Head light rest
Page 55, Para 29 g)	All essential components should of the same manufacturer.	All components should be from same principal manufacturer; incase any of the component is not manufactured by the principal manufacturer the same shall be offered from a second manufacturer; (In this case the principal manufacturer should submit an undertaking for non production of the such instruments). All the quoted components should be USFDA or European CE with 4 digit notified body nuber or BIS certified.
		Added para: Fibre optic laryngoscopes
		A. General Specifications:
		1. Should have large viewing angle and movable distal tip for better orientation
		2. Waterproof, fully immersible for cleaning and disinfections
		3. Sterilizable with ETO gas, steris and sterrad
		4. Resistant construction and robust mechanics
		B. Technical Specifications:
		1. Direction of view: 0 deg.
		2. Angle of view: 80-100 deg.
		3. Working length: 20-25 cm or better
		4. Outer diameter: 4-5.5 mm
		5. Instrument Channel: 1.4 -2.5mm
		6. Deflection: Upward: 130 deg or more, Downward: 110 deg. Or more
Item 09 - Surgical instruments		
Tender Page & Para	TENDER SPECIFICATION	AMENDED SPECIFICATION
	Ear Surgery instruments	

Page 56, Para 1	Chisel, 2mm. Jenkins. 14cm/5.5" - 2 nos	Deleted
Page 56, Para 2	Chisel, 4mm. Jenkins. 14cm/5.5" - 2 nos	Deleted
Page 56, Para 3	Chisel, 8mm. Jenkins. 14cm/5.5" - 2 nos	Deleted
Page 56, Para 4	Gouge, 2mm. Jenkins. 14cm/5.5" - 2 nos	Deleted
Page 56, Para 5	Gouge, 4mm. Jenkins. 14cm/5.5" - 2 nos	Deleted
Page 56, Para 6	Gouge, 8mm. Jenkins. 14cm/5.5" - 2 nos	Deleted
Page 56, Para 7	Mallet. OD 20mm. 100gms. 16.5cm/6.5" - 2 nos	Deleted
Page 56, Para 9	Punch/Rongeur. Kerrison. 2mm-Up Bite. 9cm/3.25" - 2 nos	Deleted
Page 56, Para 10	Punch/Rongeur, Kerrison. 4mm Up Bite. 9cm/3.25" - 2 nos	Deleted
Page 56, Para 11	Curette, No:4/0. Lempert. Hollow handle. 21cm/8.25" - 4 sets	Deleted
Page 56, Para 12	Curette, No:2/0. Lempert. Hollow handle. 21cm/8.25" - 4 sets	Deleted
Page 56, Para 13	Curette, No:1. Lempert. Hollow handle. 21cm/8.25" - 4 sets	Deleted
Page 56, Para 15	Raspatory/Rugine. Lempert. 5mm. 16cm/6.5" - 4 nos	Deleted
Page 56, Para 26	Eustachian Catheter, Kramer/Hartmann. 12mm/6 Tip. 14cm/5.5" - 3 nos	Deleted
Page 56, Para 27	Jobson Horne Probe, D/E. Serrated. Tip & smooth Straight Ring 14cm/5.5" - 6 nos	Deleted
Page 56, Para 28	Hook, Cerumen/Wax. K E M. 15cm/6" - 3 nos	Deleted
Page 56, Para 29	Loop, wire. 3mm. Billeau. 16cm/6.5" - 3 nos	Deleted
Page 57, Para 43	Snare, Aural, Ballance/Krause. 15cm/6" 1 no	Deleted
Page 57, Para 44	Snare, Wire. Aural. SS. 36 S.W.G.Pkt. of 12 - 1 no	Deleted
Page 57, Para 45	Retractor, Plester. 2 Prong X Right-Solid blade. 11cm/4.5" - 3 nos	Deleted
Page 57, Para 46	Retractor, Plester. 2 Prong X Left-Solid blade. 11cm/4.5" - 3 nos	Deleted
Page 57, Para 55	Zoellner Raspatory. Curved Rt. 7.5cm - 2 sets	Deleted
Page 57, Para 56	Zoellner Raspatory. Curved Lt. 7.5cm - 2 sets	Deleted
Page 57, Para 57	Zoellner Arrowhead. Curved Rt. 7.5cm - 2 sets	Deleted
Page 57, Para 58	Zoellner Arrowhead. Curved Lt. 7.5cm - 2 sets	Deleted
Page 57, Para 59	Zoellner Sickle Knife. Up cutting. 7.5cm - 2 sets	Deleted
Page 57,	Zoellner Sickle Knife. Down cutting. 7.5cm - 2 sets	Deleted

Para 60		
Page 57, Para 61	Zoellner Raspatory/Hook. Up. 7.5cm - 2 sets	Deleted
Page 57, Para 62	Zoellner Raspatory/Hook. Down 7.5cm - 2 sets	Deleted
Page 57, Para 63	Zoellner Pick. 0.5mm. Up. 7.5cm - 2 sets	Deleted
Page 57, Para 64	Zoellner Pick. 0.5mm. Down 7.5cm - 2 sets	Deleted
Page 57, Para 65	Zoellner Pick. Straight 7.5cm - 2 sets	Deleted
Page 58, Para 97	Revolving Knife. 3mm-Radial. Schuknecht Matted 16cm - 3 nos	Deleted
Page 58, Para 98	Revolving Knife. 3mm-Axial. Schuknecht Matted 16cm - 3 nos	Deleted
Page 58, Para 108	Ball Probe, Goldman. 0.8mm. 45 ϕ . Matted 16cm - 3 nos	Deleted
Page 58, Para 110	Larkin/Fisch Hand Trepine. 0.8mm. Matted - 2 nos	Deleted
		Added Para: 148. Cartilage slicer - 2 nos
Page 59, Para	Note for Instrument Sets TITANIUM INSTRUMENTS Para 1 to 8 STAINLESS STEEL INSTRUMENTS Para 1 to 7	Deleted
	Septo Rhynoplasty set	
Page 60, Para 18	Skin Grafting Handle. Rt. Hand. Watson- modification; with 20 Blades - 2 nos	Deleted
Page 60, Para 19	Spare Blades for Skin Graft Knives. Sterile - 2 nos	Deleted
Page 60, Para 30	Metzenbaum Scissors, Straight 10cm/4"- 4 each	Deleted
Page 60, Para 32	Metzenbaum Scissors, Straight 12.5cm/5" - 4 each	Deleted
Page 60, Para 35	Scissors, Reynolds. . 15cm/6" - 6 each	Deleted
Page 61, Para	Note for Instrument Sets TITANIUM INSTRUMENTS Para 1 to 8 STAINLESS STEEL INSTRUMENTS Para 1 to 7	Deleted
	Tonsillectomy & Adenoidectomy Set	
Page 62, Para 11	Remington Hobb Diathermy Forceps. Serratedated. Straight 25cm/10" - 2 nos	Deleted
Page 62, Para 14	Forceps, Tonsil Artery. Negus. 2 Curved. 19cm/7.5" - 2 nos	Deleted
Page 62, Para 18	Needle, Suturing. Tonsil. Irwin Moore. Curved Rt. 20cm/8"- 2 nos	Deleted
Page 62, Para 19	Needle, Suturing. Tonsil. Irwin Moore. Curved Lt. 20cm/8"- 2 nos	Deleted
Page 62, Para 31	Forceps , Swab Holding. Krause. 28cm/11" "- 2 nos	Deleted

Page 62, Para 32	Negus Jack/Chest Support with rack action "- 2 nos	Deleted
Page 62, Para 33	Uvula Retractor "- 1 no	Deleted
Page 62, Para 34	Bayonett forceps "- 2 nos	Deleted
Page 62 & 63, Para	Note for Instrument Sets TITANIUM INSTRUMENTS Para 1 to 8 STAINLESS STEEL INSTRUMENTS Para 1 to 7	Deleted
Tracheostomy Set (4 Sets required)		
Page 63, Para 7	15 no. Blade - 20 nos	Deleted
Page 63, Para 9	Tracheostomy Tube, Chevalier Jackson.Silver Plated. 20 Fr. - 2 nos	Deleted
Page 63, Para 10	Tracheostomy Tube, Chevalier Jackson.Silver Plated. 32 Fg.- 2 nos	Deleted
Page 63, Para 11	Tracheostomy Tube, Chevalier Jackson.Silver Plated. 34 Fg.- 2 nos	Deleted
Page 63, Para 12	Tracheostomy Tube, Fuller. 18Fg.- 2 nos	Deleted
Page 64, Para	Note for Instrument Sets TITANIUM INSTRUMENTS Para 1 to 8 STAINLESS STEEL INSTRUMENTS Para 1 to 7	Deleted
Instruments for Micro laryngeal surgery (MLS)		
Page 66, Para	Note for Instrument Sets TITANIUM INSTRUMENTS Para 1 to 8 STAINLESS STEEL INSTRUMENTS Para 1 to 7	Deleted
General Instruments for ENT (Head & Neck)		
Page 66, Para 4	Allis tissue holding forceps - 1 no	Allis tissue folding forceps - 4 nos
Page 67, Para 16	Periosteum elevator - 2 nos	16. Peristeum elevator : a) Freer's - 2 nos b) Howarth's - 2 nos
		Added para: 24. Lane's forceps , 20cm length - 4 nos 25. Kocher's forceps, 15-20 cm length - 4 nos 26. Debakey's vascular forceps, 12-15cm length - 2 nos 27. Cat's paw retractor 20cm length - 2 nos 28. Czerney's retractor 15cm length - 2 nos
Page 67 & 68, Para 16	Note for Instrument Sets TITANIUM INSTRUMENTS Para 1 to 8 STAINLESS STEEL INSTRUMENTS Para 1 to 8	Deleted
Page 68, Para	Added para. Items of SI No. 8, 9, 10, 38, 39, 40, 41, 42, 66, 76, 77, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 118,	Deleted

	121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134 (Titanium)	
		<p>Added Para: Note for all the instruments: 1. Deviation of +/- 10 % is acceptable in instrument size 2. All Surgical instruments should be made of 4 series AISI 420 and AISI 410 steel and certified copy must have to submit at the time of tender submission. 3. All instruments should be ISO 7153-1:2016 certified and a copy of the same should be enclosed with bid. 4. Manufacturer should be ISO 13485 certified. 5. The brand name along with catalogue number should be engraved on each instruments 6. All instruments should be from same principal manufacturer ;incase any of the instrument is not manufactured by the principal manufacturer the same shall be offered from a second manufacturer; not exceeding 20% of total quantity of instruments. (In this case the principal manufacturer should submit an undertaking for non production of such instruments).</p>
Item 10 - ENT Head Light		
Tender Page & Para	TENDER SPECIFICATION	AMENDED SPECIFICATION
Page 69, para 6	No need to change the lamp (Atleast 50,000 hours of service life)	No need to change the lamp (Atleast 30,000 hours of service life)
Page 69, para 09	Luminosity adjustable from 10 to 100mm at a working distance of 40cm.	Deleted
Item 11 - Bronchoscopy/Oesophagoscope		
Tender Page & Para	TENDER SPECIFICATION	AMENDED SPECIFICATION
Rigid Bronchoscope set for adult for Deptt of ENT		
Page 69	Prismatic light deflector with connection for fiber optic light cable : ONE	Prismatic light deflector with connection for fiber optic light cable : THREE
Page 69	Glass Window Plug : ONE	Glass Window Plug : THREE
Page 69	Rubber telescope guide : ONE	Deleted
Page 69	Tube Guide for Bronchoscope	Deleted
Page 69		Added Para : Optical Grasping forceps for each above mentioned bronchoscopy tube.
Page 70	Bronchoscopic and Esophagoscopic forceps, universal biopsy and grasping double action jaws, diameter : 2.0mm, working length 35cm	Bronchoscopic forceps, universal biopsy and grasping double action jaws, diameter : 2.0mm, working length 35cm
Page 70	Bronchoscopic and Esophagoscopic forceps, alligator, grasping double action jaws, diameter : 2.0mm, working length 35cm	Bronchoscopic forceps, alligator, grasping double action jaws, diameter : 2.0mm, working length 35cm
Technical Specification for the Instruments required for Neonate Bronchoscope for the Deptt of E.N.T		
Page 71, Para 5	Adaptor from bronchoscope to any type of pediatric respiration equipment 01	Adaptor for bronchoscope to any type of pediatric respiration equipment 01

Page 71, Para 7	Injection Cannula for positive pressure assisted ventilation system,O.D. 2.7mm for use with bronchoscopes and tracheoscopes, with LUER-lock female fitting 01 each	Injection Cannula for positive pressure assisted ventilation system,O.D. 2.7mm for use with bronchoscopes : 01 each
Page 71, Para 8	Bronchoscope Forceps Alligator, single action jaws, semi-flexible diameter 1 mm: 01	Bronchoscope Forceps Alligator, single action jaws, semi-rigid diameter 1 mm : 02
Page 71, Para 12	Irrigator and Aspirator 01	Aspirator 01
Page 71		Added Para : 1. Prismatic light deflector : 2 Nos 2. Glass Window Plug : 2 Nos
Specification of Oesophagoscope:		
Page 73, Para 1	Universal Oesophagoscope with Distal or Proximal illumination Adult 250mm length 12x8 mm diameter-1	Universal Oesophagoscope with Distal or Proximal illumination Adult 200mm or more length 12x8 mm diameter-1
Page 71, Para 6	Universal oesophagoscope with distal or proximal illumination child 270mm length 5.5mm diameter	Universal oesophagoscope with distal or proximal illumination child 270mm or more length 5 to 5.5mm diameter
Page 73, Para 13	Foreign body forcep alligator jaw with deep serration 350mm length 2.0mm shaft diameter	Foreign body forcep alligator jaw with deep serration 350mm length 2.0 - 2.5 mm shaft diameter
Page 73, Para 15	Cut biopsy forcep 350mm length 2.0mm shaft diameter-2	Biopsy forcep 350mm length 2.0mm shaft diameter-2
Page 73, Para 16	Rotation Forcep for hard Foreign bodies 450mm length -2	Forcep for hard Foreign bodies 450mm length -2
Page 73, Para 17	Aspiration tubes rigid 350mm length 2.5mm diameter-4	Aspiration tubes rigid 350mm length 2mm or more diameter-4
Page 73, Para 22	cold light source 250 Watt - 1	LED light source equivalent to 300 Watt Xenon - 1
Item 12 - Flexible rhino-pharyngolaryngoscope		
Tender Page & Para	TENDER SPECIFICATION	AMENDED SPECIFICATION
Page 74, Para 2	Angle of view : 100 - 110 deg.	Angle of view: 80-100 deg.
Page 74, Para 4	Outer diameter : 5 - 5.5 mm	Outer diameter: 4-5.5 mm
Page 74, Para 5	Instrument Channel: 2 -2.5mm	Instrument Channel: 1.4 -2.5mm
Page 74, Para 6	Deflection : Upward upto 160 deg Downward upto 150 deg	Deflection: Upward: 130 deg or more , Downward: 110 deg or more

All other contents of the Tender enquiry including terms & conditions remain unaltered.

Note:

- I. Prospective Bidders are also advised to check the website regularly prior to the closing date and time of online submission of bids