

Amendment No. 2

Ref.: Tender Enquiry: HITES/PCD/MP/CLINICAL/RC-03/19-20 dated 01.06.2019 & Amendment No.1 dated 25.06.2019

Sub: Amendment No. 2 to the referred tender enquiry

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

**SECTION - VII
TECHNICAL SPECIFICATIONS**

Tender Page & Para	Existing Para	Read As:-
Sch 1 300004049 Indirect Ophthalmoscope		
Page 46 para 3	Filters: 4 integrated filters to choose from red filter, cobalt blue filter, yellow filter and diffuser	Filters: 4 integrated filters to choose from red filter, cobalt blue filter, yellow filter or IR /UV and diffuser
Page 46 para 9	P.D. range from 55-75 mm.	P.D. range from 55- 74 mm.
Page 46 para 10	6V Halogen/Xenon bulb.	6V Halogen/Xenon bulb/ LED.
para 12	Rechargeable Li-on battery transformer with LED indicator	Rechargeable Li-on battery Charger with LED indicator
para 13	Desk top cum wall transformer.	Desk top cum wall Charger
para 19	USFDA or BIS or European CE certified	It should be European CE Or Declaraation of Conformity alongwith ISO 13485 or US FDA or BIS approved for the quoted model
Sch no.2 300004050 Slit lamp with Applanation Tonometer		
Page 46 para 3	Eyepiece 12.5X	Eyepiece : 10X/12.5X
Page 46 para 4	Diaopter -7D to +7D	Diaopter -5D to +5D
para 6	Warm Led Light source	LED Light source
para 11	Heat absorption, Grey, Red Free (green) Cobalt blue filter	Grey/ Amber , Red Free (green) Cobalt blue filter
Page 46 para 12	It should be European CE or US FDA or BIS approved for the quoted model	It should be European CE Or Declaration of Conformity alongwith ISO 13485 or US FDA or BIS approved for the quoted model
para 13	Table for slit lamp, wheel chair friendly from same principal company.	Table for slit lamp, wheel chair friendly.
Sch 3 300004051 Operating microscope		
page 47 para 2	5-step magnification changer with magnification range 5x,7x, 10x, 14x, 20x with 200mm objective and 12.5x eyepieces	5-step magnification changer with magnification range 5x,7x, 10x, 14x, 20x with 200mm objective and 12.5x/ 10x eyepieces
page 47 para 5	Microscope inclination range should be -15 deg to +180 deg.	Microscope eyepiece/ head piece inclination range should be 0 deg to 90 deg
page 47 para 8	Spot diaphragm/ spot filter, Green Filter and Blue Filter	Deleted
page 47 para 9	Daylight filter/white light filter	Daylight filter/white light filter/ Ha mode filter
page 47 para 19	Stereoscopic Co-observer with three axis rotation	Stereoscopic Co-observer with three axis rotation/ tilttable rotation
page 47 para 22	Zoom, Focusing should be controlled by foot switch.	Fine Focusing, Focusing should be controlled by foot switch.
Sch 11 300004059 Photo Slit lamp		
page 52	Eyepiece 12.5X	Eyepiece : 10X/12.5X/16x

Tender Page & Para	Existing Para	Read As:-
para 3		
page 52 para 4	Diaopter -7D to +7D	Diaopter -5D to +5D
para 6	Warm Led Light source	LED Light source
page 52 para 8	Slit image width 0mm- 14mm continuous	Slit image width 0mm- 12 mm or more, continuous
para 11	Heat absorption, Grey, Red Free (green) Cobalt blue filter	Grey/ Amber , Red Free (green) Cobalt blue filter
page 52 para 12	Image resolution of minimum 18 mega pixel	Deleted
page 52 para 15	Should have 60-40 beam splitter between Slitlamp and Camera	Should have beam splitter between Slitlamp and Camera
para 16	Motorized table for slit lamp from same principal company.	Motorized table for slit lamp.
page 52 para 18	It should be European CE or US FDA or BIS approved for the quoted model	It should be European CE Or Declaraation of Conformity alongwith ISO 13485 or US FDA or BIS approved for the quoted model
page 52 para 19	Should be supplied with HD camera (Any reputed DSLR camera) with suitable software for image processing and storage along with branded desktop with table	Should be supplied with Integrated medical grade HD camera with min. 5 MP with suitable software for image processing and storage along with branded desktop with table
Sch 12 3000004060 Automated Refractometer		
page 52 para A 1	1. Sphere Range : Atleast -25 D to + 22 D (0.12 D / 0.25 D)	Sphere Range : Atleast -25 D to + 20 D (0.12 D / 0.25 D)
para A 5	5. PD Measurement range : Atleast 20 - 85 mm in 1 mm step	5. PD Measurement range : Atleast 30 - 85 mm in 1 mm step
B 3	3. Corneal Vertex distance: 10.5,12.0, 13.5,15	3. Corneal Vertex distance: 12.0, 13.5
page 52 para B	Internal thermal printer with cut off facility. Adjustable tilt LCD monitor. Motorised table. Data memory facility should be available. Supplied With 10 printer paper rools	Internal thermal printer with cut off facility. LCD monitor. Motorised table, should be available. Supplied With 10 printer paper rolls
14 3000004062 Automated Perimeter		
page 53 para 1	High quality Humphrey Field Analyser perimeter with working distance 30cm	High quality Automated Visual Field Analyser perimeter with working distance 30cm
page 53 para 2	Maximum intensity 10,000Asb, Bowl illumination 31.5Asb	Maximum intensity 10,000Asb, Bowl illumination 31.4Asb
4	Stimulus/Background colour White on White, Blue on yellow (SWAP)	Stimulus/Background colour White on White, Blue on yellow (SWAP)/ white on Yellow (SWAP)
para 10	Screening field test P-60, FF-80,FF-120,FF-240,Nasal Step for periphery .	Screening field test P- 50 /60, FF-80/81,FF-120,FF-240,Nasal Step for periphery .
para 14	Glaucoma hemi field test, Hail –Krakau blind spot monitor	Glaucoma hemi field test, Hail –Krakau blind spot monitor/ AET
page 54 para 18	Original Manufacturer Motorized table with Laser Jet Printer	Original Manufacturer Motorized table with Indigenous Laser Jet Printer
Sch15 3000004063 Phaco machine		
page 54 para 3	Machine should have Aspiration: 0-50 cc/min or more.	Machine should have Aspiration: 1-50 cc/min or more.
Sch 16 3000004064 ND Yag laser		
page 54 para 5	Spot size-8 um	Spot size-8 to 10 um
page 54 para 11	Aiming beam focus offset 0-350 um or better posterior/anterior focus shift.	Aiming beam focus offset 0-350 or +150/0/-150 um or better posterior/anterior focus shift.
Sch 17 3000004065 OCT		
para 2	light source for OCT should be SLD with	light source for OCT should be SLD with wavelength 840nm -

Tender Page & Para	Existing Para	Read As:-
	wavelength 840nm - 870nm	880nm
para 7	System has dual beam scanning system i.e. TLT (tracking laser tomography) or Fast Track Technology for tracking eye movement.	System has dual beam scanning system i.e. TLT (tracking laser tomography) or Auto Tracking or Fast Track Technology for tracking eye movement.
para 9	A-scan depth <= 2.0mm in tissue.	A-scan depth <= 2.5mm in tissue.
Sch.18 Ophthalmology Group Items		
Added Para: The bidder must quote for all the items(1-7) in this Schedule, failing which the bid will be considered Non-Responsive.		
Note: The price considered for ranking purpose will be for a set of: Digital Visual Acuity Chart with remote(4 Nos.), TRIAL LENSE SET with Frames(4 Nos.), Ophthalmoscope (Direct) (14 Nos.), Streak Retinoscope(4 Nos.), Manual Keratometer(1 no.), Synoptophore(1 no.) & Eye OPD Examination Set (3 Nos.)		
Sch. 19 300004067 Sterilizer- Flash- 50 L- Approx		
Tender Page & Para	Existing Para	As Read
Para 5	Quality Standards: Sterilizer should be US FDA/European CE certified with four digit notified body number	Quality Standards: Sterilizer should be US FDA/European CE certified with four digit notified body number/ BIS Approved
Page 59 para 6	Types of Cycles Process: Table Top Sterilizers should be equipped with B-process, N process as per latest EN 13060 . Proof of declaration of conformity.	Types of Cycles Process: Table Top Sterilizers should be equipped with B-process/N process/S Cycle as per latest EN 13060 . Proof of declaration of conformity.
Page 59 para 7	Chamber: Should be made of S.S.316 & should comply the Pressure Equipment Directive (PED) & EN 13445 norms. Chamber should have working pressure 2.2 -2.5 bar & design pressure upto 3.8 -4.0 bar. Chamber should be equipped with electrically heated jacket for preheating on standby mode.	Chamber: Should be made of S.S.316 & should comply the Pressure Equipment Directive (PED) /EN 13445 norms. Chamber should have working pressure 2.2 -2.5 bar & design pressure upto 3.0 -4.0 bar. Chamber should be equipped with electrically heated jacket for preheating on standby mode.
Page 59 para 13	Control Panel: The control system should be microprocessor based PLC system specially designed for sterilization applications. The control system should have CPU processor with battery back-up, Digital input/output controls, analog measuring inputs & COM ports for printer & PC connectivity.	Deleted
Rfx NO :300004068 Item no 20 Endoscopes and Full HDTV Endoscopic video camera with Recording		
Page 60 Para 7	90 degree, 8,0mm, 16-18cm straight forward telescope, autoclavable - 02 Nos.	90 degree, 8,0-10 mm, 16-18cm straight forward telescope, autoclavable - 02 Nos. with Handle
Page 60 Para 7	Compatible handle for above telescopes (flat and round)- 02 Nos. each	Deleted
Page 60 para 8	OTO endoscope – 2.7mm(0deg and 30-35deg- 75-80mm) , 4mm (0deg- 50-55mm)- 02 Nos. each	OTO endoscope –1.9- 2.7mm(0deg and 30-35deg- 65-80mm) , 4mm (0 deg- 50-80 mm)- 02 Nos. each
Page 60 Para B- c	HD CCD sensing chip should optimizes image quality & Digital Source Sampling for maximizing hi-fidelity image transmission.	HD CCD/ CMOS sensing chip should optimizes image quality & Digital Source Sampling for maximizing hi-fidelity image transmission.
Page 60 Para B- f	The system should have the facility to use a single camera control unit for three chip HD camera heads, thus minimizing preparation & maximizes interspeciality Standardization.	The system should have three chip HD camera heads, thus minimizing preparation & maximizes interspeciality Standardization.
Page 60 Para 2- a	Image sensor: 3X1/3" CCD-Chip with aspect ratio of 16:9 for full HD display	Image sensor: 3X1/3" CMOS/ CCD-Chip with aspect ratio of 16:9 for full HD display

Tender Page & Para	Existing Para	Read As:-
Page 60 Para 2- d	Lens: Integrated Parfocal Zoom Lens, f=14mm-30mm.	Lens: Integrated Optical Zoom Lens, f=14mm-30mm
Page 60 Para 3-c	Medical grade LED display.	Medical grade LED/ LCD display.
Page 60 Para 3-e	Screen diagonal – minimum 20”.	Screen diagonal – minimum 26”.
Page 60 Para 3-d	Max. Resolution of 1920X1200 pixels.	Max. Resolution of 1920X 1080 pixels.
Page 60 Para 3-f	Should have USB image capture module interface for direct transfer of still and video images.	Deleted
Page 60 Para C	XENON LIGHT SOURCE AND LIGHT CABLE	LED Light source
Page 60 Para C 1	High light intensity with 300watt Xenon Lamp(with one extra spare bulb)	LED Light source Equivalent to 300 watt Xenon
Page 60 Para C 2	High colour temperature – more than 6000 K corresponds to brightness of sunlight resulting in high visual and photographic clarity for colourredention.	High colour temperature – more than 5800 K or more corresponds to brightness of sunlight resulting in high visual and photographic clarity for colourredention.
Page 60 Para C 4	Unit should be compatible for remote controlled operation of the various features along with other equipment.	Deleted
Page 60 Para C 5	Lamp type- Xenon lamp, 300 watt	Deleted
Page 60 para C 6	Colour temperature- approx. 6000 K	Deleted
Sch. 21 3000004069 Ent Workstation		
Page 61 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.	Writing drawer/dressing plate/X-ray viewer on the same horizontal platform with illumination.
Page 61 para 10	Extension fitted with halogen head mirror lamp with adjustable intensity.	Extension fitted with halogen/ LED head mirror lamp with adjustable intensity.
Page 61 para 12	Separate endoscopy recording system (from the same manufacturer).	Separate endoscopy recording system.
Page 61 para 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.	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/ touch panel using finger touch.
Page 61 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.	Good quality multifunction printer, Inktank type, suitable with the recording system for printing patient reports with images.
Page 61 para 12 r)	Should be compatible with Microsoft windows XP, 7, and/or the latest versions.	Deleted
Page 62 para 15g)	Max. pressure: 0.1 to 4 bar	Max. pressure: 0.1 to 2.5 bar
Page 62 para 16 f)	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	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 disinfectable quivers for flexible scopes. inclusion

Tender Page & Para	Existing Para	Read As:-
	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.	subject to demonstration if asked for by experts.
Page 62 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.	Pre-heater for up to 50 mirrors of different sizes mounted on pull-out tray. Removable block for sterilization. Mirror re-warmer with the single handed heating function.
Page 63 para 20 k	Instrument coupling for rigid endoscopes. Enlarged view.	Instrument coupling for rigid endoscopes .
Para 20 i	Supplied with a Laptop (i5 processor, 5 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.	Supplied with a Laptop (i5 processor, 5 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
Page 63 para 21	Both USFDA and European CE approved and inclusion subject to demonstration if asked for by experts.	Deleted
Page 63 para 24 c)	Max. seat height: 50cm to 75cm	Max. seat height: 70cm to 75cm
Page 64 para 25 i)	Should confirm US FDA and European standards.	Deleted
Page 64 para 26 d)	It should have drawers for storage and instrument drawers with aluminium, trays and set of stainless steel dividers.	It should have 2 or more drawers for storage and instrument trays with stainless steel, trays and set of stainless steel dividers.
Page 64 para 29 g)	All essential components should of the same manufacturer.	Deleted
Page 64 para 29 k)	Suppliers are also required to produce for all equipment the European CE / USFDA/BIS certification.	Deleted
Sch. 22 3000004070 Shaver System Cum Micro Drill		
Page 65 para A	It should be fully upgradable to one unit- six functions:	Deleted
Page 65 para A 5	Skeeter Drill(for stapedotomy)	Deleted
Page 65 para B 2	Integrated irrigation and coolant pump(silicon tubing)	Integrated irrigation (silicon tubing)
Page 65 para B 10	Along with blades (2 each) – straight, curved (45, 60 & 90 degrees) and circular (laryngeal)	Along with blades (2 each) – straight (10 nos), curved (45, 60 degrees - 2 each) Optional 120 Deg(Price to be quoted seperately)
Page 65 para C 3	Air supply 0.35 to 0.60MPa	Deleted
Page 65 para C 4	Capability – 350ml	Deleted
Page 65 para C 5	Air Displacement – 60 L/min	Deleted
Page 65 para G	Nasal drill bit with and without guard 02 Each	Deleted
Sch. 23 3000004071 Ent Surgery Set		
Page 69	The instrument should be CE & FDA approved.	The instrument should be CE or FDA or BIS approved.

Tender Page & Para	Existing Para	Read As:-
para 6		
Page 71 para 6	The instrument should be CE & FDA approved.	The instrument should be CE or FDA or BIS approved.
Page 73 para 6	The instrument should be CE & FDA approved.	The instrument should be CE or FDA or BIS approved.
Page 73	Tracheostomy set - 4 Sets of Below Items	
Page 74 para 6	The instrument should be CE & FDA approved.	The instrument should be CE or FDA or BIS approved.
Page 75	INSTRUMENTS FOR MICROLARYNGEAL SURGERY (MLS) All accessories should be from the same manufacturer and should be European CE/ US FDA approved	INSTRUMENTS FOR MICROLARYNGEAL SURGERY (MLS) All accessories should be from the same manufacturer and should be European CE/ US FDA / BIS approved
Page 76	STAINLESS STEEL INSTRUMENTS The instrument should be CE & FDA approved.	STAINLESS STEEL INSTRUMENTS The instrument should be CE or FDA or BIS approved.
Page 77 Para 7	STAINLESS STEEL INSTRUMENTS The instrument should be CE & FDA approved.	STAINLESS STEEL INSTRUMENTS The instrument should be CE or FDA or BIS approved.
	Added Para	70% of the Instrument should be from same manufacturer. Other may be from third party. 10% variation in all sizes will be acceptable.
Sch. 24 300004072 Endoscopic Sinus Surgery Set		
Page 77 Para 1	0 degree, 4mm, 18cm wide angle straight forward telescope, autoclavable	0 degree, 4mm, 14-18cm wide angle straight forward telescope, autoclavable
Page 77 Para 2	30 degree, 4mm, 18cm wide angle straight forward telescope, autoclavable	30 degree, 4mm, 14-18cm wide angle straight forward telescope, autoclavable
Page 77 Para 3	45 degree, 4mm 18cm wide angle straight forward telescope, autoclavable	45 degree, 4mm 14-18cm wide angle straight forward telescope, autoclavable
Page 77 Para 4	70 degree, 4mm, 18cm wide angle straight forward telescope, autoclavable	70 degree, 4mm, 14-18cm wide angle straight forward telescope, autoclavable
Page 77 Para 5	0 degree, 2.7mm, 18cm straight forward telescope, autoclavable	0 degree, 2.7mm, 14-18cm straight forward telescope, autoclavable
Page 77 Para 6	30 degree, 2.7mm, 18cm straight forward telescope, autoclavable	30 degree, 2.7mm, 14-18cm straight forward telescope, autoclavable
Page 77 Para 7	7. Compatible handle for above telescopes	Deleted
Page 78 para 17	17. Bipolar coagulation forceps, insulated, angular, blunt, with integrated suction channel, with cut-off hole, length 19cm, to be supplied with Bipolar High frequency cord	Deleted
Page 78 para 18	18. Bipolar Suction forceps, 15 deg upturned, with suction channel, working length 12.5cm, to be supplied with Bipolar High frequency cord	Deleted
Page 78 para B 2	2. High colour temperature – more than 6000 K corresponds to brightness of sunlight resulting in high visual and photographic clarity for colour rendition.	Colour Temp will be 5800K or more
Page 78 para B 4	4. Unit should be compatible for remote controlled operation of the various features along with other equipment.	Deleted
Page 78 para B 6	6. Colour temperature- approx. 6000 K	Colour Temp will be 5800K or more
Page 78 para B 7	Light outlets – 1	Deleted

Tender Page & Para	Existing Para	Read As:-
Page 79	D. Point A and B should be from same manufacturer and should be European CE / US FDA approved	D. Point A and B should be from same manufacturer and should be European CE / US FDA / BIS approved
Page 79 Para 5	The brand name along with catalogue number should be etched on the instruments.	Deleted
Page 79 Para 6	The other instruments should be made of high grade titanium, they should not magnetize with use and the surface should be non-reflective and glare free under OT light.	Deleted
Page 79 Para 7	7. Satisfactory Performance Certificate from a Central Government Hospital (AIIMS, PGI, SGPGI etc.) is mandatory	Deleted
Page 79 Para 8	8. The instruments might be call for demonstration and approval. It is the sole discretion of the department to approve or disapprove the quality	Deleted
	Added para:	<p>B Video Camera</p> <p>1 The system should be truly Digital Full HDTV Endoscopic video camera. The system should qualify all the essential criteria for full HDTV system:</p> <p>a Maximum Resolution of 1920 X 1080 pixels: Progressive scan.</p> <p>b Consistent use of 16: 9 format for Input & Output to guarantee genuine HDTV.</p> <p>c HD CCD/CMOS sensing chip should optimizes image quality & Digital Source Sampling for maximizing hi-fidelity image transmission.</p> <p>d Optimizes to Any Size: The system should have integrated Optical Zoom (f= 14- 30 mm, 2X) to enhance the quality of Image size & cross specialty standardization of the camera system, regardless of the telescope used.</p> <p>e The system should automatically optimize all settings. The system should be ready- to- use as soon as it is connected to the camera control unit.</p>
		<p>f The system should have three chip HD camera heads, thus minimizing preparation & maximizes interspeciality Standardization.</p> <p>g The system should be Menu driven, thus allowing the surgeon to program the camera head functions as per the surgical needs& requirement.</p> <p>h The system should be capable of controlling the light control function from the camera head buttons without any additional requirement of hardware & software.</p> <p>i Automated digital image enhancer</p> <p>j Should have USB/ Image capture interface for direct storage of still/ video sequences with facility for recording.</p> <p>k Should have minimum 2TB of storage capacity. Data capture software with patient archiving software</p>
		<p>2 Technical Specifications:</p> <p>a Image sensor: 3X1/3” CMOS/ CCD-Chip with aspect ratio of 16:9 for full HD display</p> <p>b Pixels 1920 x 1080</p> <p>c AGC: Microprocessor controlled</p> <p>d Lens: Integrated Optical Zoom Lens, f=14mm-30mm</p>
	Added para:	10% variation in all the sizes will be accepted.

Sch. 25 300004073 Oesophagoscopy set

Tender Page & Para	Existing Para	Read As:-
Page 80 para 18	Fiber optic cable 2.5mm Diameter 1.80 meter length	Fiber optic cable 3.5mm Diameter 1.80 meter or more length -2 Nos.
Page 80 para 19	Cold light source 250 Watt	LED Light Source Equivalent to 150 W with 10,000 hrs or more lifetime. The same should be covered in warranty
Page 80 para 20	All accessories should be from the same manufacturer and should be European CE/ US FDA approved	All accessories should be from the same manufacturer and should be European CE/ US FDA/ BIS approved
Sch. 26 Bronchoscopy Set		
Page 82 Para 6	STAINLESS STEEL INSTRUMENTS :- 6.All the instruments should be European CE or USFDA approved.	STAINLESS STEEL INSTRUMENTS :- 6.All the instruments should be European CE or USFDA/ BIS approved.
Sch. 27 3000004075 ENT Operating microscope		
Page 82 para 4	Manual magnification changer, 1:6 ratio in 5 steps.(Max. magnification up to 18.5x or more)	Deleted
Page 82 Para 5	Field of View 10 mm to 150 mm continuously variable.	Field of View 10 mm to 130 mm continuously variable.
Para 6	Objective lens working distance 200-500 mm, with multifocal objectives (200mm for otology, 300 mm for rhinology and 400mm	Objective lens working distance 200- 400 mm or more, with multifocal objectives (200mm for otology, 300 mm for rhinology and 400mm
Page 83 Para 7	Tilt able Binocular tube up to 180 degree	Tilt able Binocular tube up to 160 degree
Page 83 para 14	Suitably mounted / Integrated Three chip HD camera	Suitably Integrated Three chip HD camera
Page 83 para 17	Integrated HD digital video recording facility with appropriate video editing software.	Deleted
Para 23	23 All accessories except CVT should be from the same manufacturer and should be European CE / US FDA/BIS approved.	23 All accessories except CVT & Recording system should be from the same manufacturer and should be European CE / US FDA/BIS approved.
Sch. 28 3000004076 Puretone audiometer		
Para 2a	SISI Free Field	SISI Free Field, Speech audiometry with calibrated speakers
Sch. 29 3000004077 Brainstem evoked response audiometer with ASSR		
Page 84 para 1. vi	Waveform reproducibility indication.	Deleted
Page 84 para 1 xvii	Essential facility for OAE and NCT.	Essential facility for OAE.
Page 84 para 2 v	Noise 6.0 nV Hz	Noise 5-20nV Hz
Page 84 para 3	All accessories should be from the same manufacturer and should be European CE/ US FDA/BIS approved	Should be European CE/ US FDA/BIS approved
Added Para		Machine should be capable of doing VEMP and necessary software should be provided along with the system
Sch. 31 3000004079 OAE (Otoacoustic Emission -Screening unit)		
Read As :- OAE (Otoacoustic Emission)		
	OAE (Otoacoustic Emission - Screening unit	OAE (Otoacoustic Emission)
Page 85 para 2 iii	Level Ratio L2/L1- Scissor Paradigm	Deleted
Page 85 para 2 iv	Measurement Interval- 512 samples	Deleted
Page 85 para 2 vii	Also battery operated	Deleted
Page 85 para xv	Power supply: (4) AA/UM-3/R6 - alkaline, lithium.	Power supply: USB type . It should be provided with suitable laptop with i3/ 1TB -HDD/ 8 GB RAM min.

Tender Page & Para	Existing Para	Read As:-
Page 86 para xvii	Display: LCD-display 4 line x 10 character.	Deleted
Page 86 para xviii	All accessories should be from the same manufacturer and should be European CE/ US FDA /BIS approved	Should be European CE/ US FDA /BIS approved
Page 86 Added para 1	It should be upgradable to diagnostic DPOAE and TEOAE	Deleted
Page 86 Added para 5	Should have ear tips of different size & both foam types.	Should have ear tips of different size
Page 86 Added para 6	OAE should be upgradable.	Deleted
Rfx no 300004080 Sch 32 .Flexible Rhino-Pharyngo Laryngoscope		
Page 86 para A 3	Sterilizable with ETO gas, steris and sterrad	Sterilizable
Page 86 para B 2	Angle of view: 100-110 deg.	Angle of view: 85-100 deg.
Page 86 para B 6	Deflection: Upward upto 160 deg, Downward upto 150 deg.	Deflection: Upward upto 130 deg , Downward upto 100 deg .
	Added Para	Compatible light source should be supplied
Sch. 33 300004081 Videonystagmographic Machine (VNG)		
Page 86 para 1	With sensitivity of minimum 105 images per second binocular, minimum 174 images per second monocular.	With sensitivity of minimum 60 images per second binocular,
Page 86 para 6	Rotary chair, irrigation for water and air included.	Irrigation for water and air included.
Page 86 para 8c	Pendulum tracking	Deleted
Page 87 para 9	Should be European CE / US FDA approved	Should be European CE / US FDA/ BIS approved
Page 87	TITANIUM INSTRUMENTS :	Deleted
Page 87 para 1.	All Instruments should be of international quality and made from surgical grade titanium.	
Page 87 para 2.	The “Hinges” should be rust proof	
Page 87 para 3.	The instruments should be guaranteed against metal fatigue and rust for atleast 02 years. Further repair should be available for next 5 years	
Page 87 para 4.	The instruments surface should be non-reflective	
Page 87 para 5.	The brand name along with catalogue number should be etched on the instruments.	
Page 87 para 6.	The other instruments should be made of high grade titanium, they should not magnetize with use and the surface should be non-reflective and glare free under OT light.	
Page 87 para 7	7. Satisfactory Performance Certificate from a Central Government Hospital (AIIMS, PGI, SGPGI etc.) is mandatory	
Page 87	The instruments might be call for demonstration	

Tender Page & Para	Existing Para	Read As:-
para 8	and approval. It is the sole discretion of the department to approve or disapprove the quality	
Page 87	STAINLESS STEEL INSTRUMENTS :-	
Page 87 para 1	All Instruments should be of imported and made from surgical grade stainless steel. Documentary evidence required for grade of material	
Page 87 para 2	The “Hinges” should be rust proof	
Page 87 para 3	. The instruments should be guaranteed against metal fatigue and rust for 02 years.	
Page 87 para 4	The instruments surface should be non-reflective.	
Page 87 para 5	The brand name along with catalogue number should be etched on the instruments	
Page 87 para 6	The instruments should be European CE or USFDA or BIS approved.	
Page 87 para 7	The instruments might be call for demonstration and approval. It is the sole discretion of the department to approve or disapprove the quality	
added para i	VNG unit & Rotary chair for VNG from the same manufacturer.	Deleted
Sch. 34 3000004082 Led Head Light		
Page 87 para 6	6. No need to change the lamp (Atleast50,000 hours of service life)	6. No need to change the lamp (Atleast 30,000 hours of service life)

All other contents of the tender enquiry including terms & conditions and due date of submission remain unaltered.

- i. Prospective Bidders are also advised to check the website regularly prior to the closing date and time of online submission of bids
- ii. If EMD is submitted in the form of BG, then the validity of the BG should be at least 165 days from the date of tender opening.