

Amendment No. 1**Sub: Amendment to the referred tender enquiry****Ref.: Tender Enquiry HITES/PCD/PMSSY-IV/AIIMS/03-RT/18-19 Dated 28.11.2018.**

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

**Section VII
Technical Specification****Sch. No. 03
Schedule No. 3 ENT Workstation (Rfx no. 300003573)**

Sl. No	Tender Page & Para	TENDER SPECIFICATION	Read As
1	Pg 44 Para 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
2	Pg 44 Para 3	At least 1 drawer with dividers.	At least 3 drawers with dividers including one drawer with UV Sterilization
3	Pg 44 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. X ray viewer as vertical attachment is also accepted.
4	Pg 44 Para 10	Extension fitted with halogen head mirror lamp with adjustable intensity.	Extension fitted with LED head lamp with adjustable intensity.
5	Pg 44 Para 11	Should be fitted with glove, cotton and tissue/ paper dispenser drawer.	Should be fitted with glove, cotton and tissue/ paper or tongue holding paper dispenser drawer.
6	Pg 44 Para 12	Separate endoscopy recording system (from the same manufacturer).	Endoscopy recording system (Supplied through same Principal Company).
7	Pg 44 Para 12 a)	This recording system should be separate from the imaging and recording system integrated with the microscope.	One recording system to be supplied for both Endoscopy and Microscopy purpose
8	Pg 44 Para 12 d)	At least 2 LAN ports.	At least 2 LAN ports & 2 USB ports
9	Pg 45 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.	At least 15 inch Full HD Medical grade LED Monitor mounted on the column. It should be tiltable and swivable
10	Pg 45 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.	Recording features should be controlled by either touchscreen or wireless mouse & keyboard
11	Pg 45 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
12	Pg 45 Para 12 o)	C-MOS technology with high sensitivity to light.	Full HD C-MOS technology with high sensitivity to light.
13	Pg 45 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 from reputed make for printing reports be provided with the device.
14	Pg 45	Should be compatible with Microsoft windows XP, 7,	Deleted

	Para 12 r)	and/or the latest versions.	
15	Pg 45 Para 12 s)	Footswitch for freezing function.	Footswitch for freezing, capturing and recording functions
16	Pg 45 Para 12 t)	It should have custom designed special case for keeping the unit.	Recording system should be integrated/attached with the main unit
17	Pg 45 Para 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. Min 50 Watt high frequency electrosurgical unit, Monopolar and bipolar function. The unit should be supplied with the following accessories: 1. Reusable Handswitch with three types of electrode - 1 set 2. Reusable Silicon Patient plate- 1 no 3. Reusable Bipolar forcep Straight & beyonet (pointed & blunt tip) - 1 each
18	Pg 45 Para 14	Noiseless preferably separate Suction system.	Noiseless integrated Suction system.
19	Pg 45 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: 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.
20	Pg 45 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 with automatic activation.
21	Pg 45 Para 15 g)	Max. pressure: 0.1 to 4 bar	Max. pressure: 0.1 to 2.5 bar
22	Pg 45 Para 16	Telescopes	Telescopes (Autoclavable)
23	Pg 45 Para 16 e)	90oTele 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.
24	Pg 45	Suitable fiberoptic 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. Both USFDA and European CE approved and inclusion subject to demonstration if asked for by experts.	Suitable fiberoptic chords or light carriers for endoscopes. Disinfection and warming quivers for endoscopes preferably placed in extension arm (Minimum for 4 endoscopes). Preheating quivers disinfection quivers, disinfection quivers, disinfection time control, removable and disinfectable quivers for flexible scopes. USFDA or European CE with 4 digit notified body number or BIS approved.
25	Pg 46 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 50 autoclavable mirrors of different sizes mounted on pull-out tray. Removable block for sterilization. Mirror re-warmer with the single handed heating function.
26	Pg 46 Para 20 a)	With 3-5 step magnification changers	With 5 step magnification changers
27	Pg 46 Para 20 f)	3 to 5 step magnification changer	Deleted
28	Pg 46 Para 20 g)	Inbuilt LED light source in the camera head.	Inbuilt LED light source in the camera head/ Microscope
29	Pg 46 Para 20 h)	HD Camera with microscope with a facility to take images, video with arching software.	Integrated Full HD Camera (CCD/CMOS) with microscope with a facility to take images, video with archiving, editing software with PAL/NTSC video signal.
30	Pg 46 Para 20 i)	Supplied with a Laptop (i5 processor, 6 GB RAM, 64 BIT operating system, ≥3.3 GHz, at least 2 years onsite	Supplied with a Laptop (i5 processor, min 15" display, 6 GB RAM, 64 BIT operating system,

		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.	2TB HDD with extended onsite warranty of minimum 3 years including accidental and physical damage.) It should be of reputed make.
31	Pg 46 Para 20 j)	Digital Video Camera with PAL/NTSC video system, CCD sensor 1/3"	Deleted
32	Pg 46 Para 21	Both USFDA and European CE approved and inclusion subject to demonstration if asked for by experts.	USFDA or European CE with 4 digit notified body number or BIS. Inclusion subject to demonstration if asked for by experts.
33	Pg 46 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) 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.
34	Pg 46 Para 23	Fiberoptic head light.	Fiberoptic LED head light.
35	Pg 46 Para 23 e)	Spare lamp for head light.	Deleted
36	Pg 46 Para 24 b)	Min. seat height: 46 cm to 55cm	Min. seat height: 40 cm to 55cm
37	Pg 47 Para 25 b)	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.
38	Pg 47 Para 25 f)	Backrest should recline to horizontal position and -100 toTrendelenberg position and adjustable head rest.	Backrest should recline to horizontal position and adjustable head rest.
39	Pg 47 Para 25 h)	Electric rotation 180O.	Deleted
40	Pg 47 Para 25 i)	Should confirm US FDA and European standards.	Should confirm US FDA or European CE with 4 digit notified body number or BIS.
41	Pg 47 Para 26	Separate Instrument Cabinet Unit	Integrated Instrument Cabinet Unit with minimum 3 drawers
42	Pg 47 Para 26 b)	Dust cover, integrated waste container with foot pedal.	Dust cover
43	Pg 47 Para 27	Head mirror rest with automatic on/off switch.	Head light rest with automatic on/off switch.
44	Pg 47Para 29 g)	All essential components should of the same manufacturer.	All essential components should be supplied through same principal company except Laptop, Printer and UPS.The ENT treatment unit, telescope, microscope should be European CE with 4 digit notified body no. Or USFDA or BIS certified for the quoted model. It will supersede any other places mentioned in the specification.

Sch. No. 05
USG A+B Scan (Rfx no. 300003575)

Sl. No	Tender Page & Para	TENDER SPECIFICATION	Read As
1	Pg 48 Para 1	A-Scan: Probes: 10 MHz focused internal fixation light; Solid Tip or Soft touch.	Probes: 10-12 MHz focused internal fixation light; Solid Tip or Soft touch.
2	Pg 48 Para 4	A-Scan: Modes: Automatic and Manual- Cataract, Dense Cataract, Aphakic & pseudophakic (PMMA, Acrylic, Silicone and Custom)	Modes: Automatic and Manual- Cataract (should also cover dense cataract feature), Aphakic&pseudophakic (PMMA, Acrylic, Silicone and Custom)

3	Pg 48 Para 1	B-Scan: Probe 10 MHz, Focused Transducer, 30 Frames/Sec.	Probe 10-12 MHz , Focused Transducer, 25 Frames/Sec or better
4	Pg 48 Para 3	B-Scan: Amplifier 100 dB Gain with Gain and TVG controls	Amplifier 90 dB Gain or better and TVG controls
5			Added Para: Bidder should supply one compatible laser colour Printer.
6			Added Para: Should be supplied with online UPS with minimum 30 minutes backup.
7			Added Para: Should be supplied with one motorized table.

Sch. No. 06
Optical Coherence Tomography OCT (Rfx no. 300003576)

Sl. No	Tender Page & Para	TENDER SPECIFICATION	Read As
1	Pg 49 Para 6	System has Real Time Active Eye Tracking System or Fast Tru Track Technology, which can capture smallest measurable changes up to 1 micron.	System has Real Time Active Eye Tracking System or Fast Track Technology, which can capture smallest measurable changes up to 1 micron
2	Pg 49 Para 7	System has dual beam scanning system i.e. TLT (tracking laser tomography) or Fast Tru Track Technology for tracking eye movement.	System has dual beam scanning system i.e. TLT (tracking laser tomography) or Fast Track Technology for tracking eye movement.
3	Pg 49 Para 15 h.	Adjusting the volume scan	Adjusting the volume scan (Height, Length, Width, Position of scan should vary)
4	Pg 49 Para 18	Latest PC work station with at least 19inch monitor should be supplied with the machine.	Latest PC work station with at least 19inch monitor should be supplied with the machine. (If not integrated)
5			Added Para: Should be supplied with online UPS with minimum 30 minutes backup.

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