

**Amendment No. 3****Sub: Amendment to the referred tender enquiry****Ref.: Tender Enquiry HITES/PCD/PMSSY-III/34/Mix/18-19 dated 09/08/2018****Amendment No. 01 dated 15-09-2018****Amendment No. 02 dated 17-09-2018**

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

**Section I  
Notice Inviting Tender**

Sl. No.	Rfx Number	Name of the item	Department	Quantity	Date & time of closing of online tender	Closing date & time for submission of physical Tender	Date & time of opening of tender
1	3000003206	Oxygen Concentrator	Anaesthesia	10	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
2	3000003207	Patient Warming System	Anaesthesia	88	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
3	3000003208	PCA Pump	Anaesthesia	10	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
4	3000003209	Suction Machine	Anaesthesia	400	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
5	3000003210	Syringe Infusion Pump	Anaesthesia	2000	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
6	3000003211	Transport Monitor	Anaesthesia	21	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
7	3000003212	Battery operated Dermatome	Burns and Plastic Surgery	10	11-10-18 13:00 Hrs	11-10-18 14:00 Hrs	11-10-18 14:30 Hrs
8	3000003213	CO2 Laser	Burns and Plastic Surgery	9	11-10-18 13:00 Hrs	11-10-18 14:00 Hrs	11-10-18 14:30 Hrs
9	3000003214	Diode Laser	Burns and Plastic Surgery	4	11-10-18 13:00 Hrs	11-10-18 14:00 Hrs	11-10-18 14:30 Hrs
10	3000003215	Hand held Doppler (vascular)	Burns and Plastic Surgery	5	11-10-18 13:00 Hrs	11-10-18 14:00 Hrs	11-10-18 14:30 Hrs
11	3000003216	Maxillo Facial Instrument Set	Burns and Plastic Surgery	7	11-10-18 13:00 Hrs	11-10-18 14:00 Hrs	11-10-18 14:30 Hrs
12	3000003217	Nd Yag Laser with IPL	Burns and Plastic Surgery	4	11-10-18 13:00 Hrs	11-10-18 14:00 Hrs	11-10-18 14:30 Hrs
13	3000003218	Nerve stimulator (intra operative)	Burns and Plastic Surgery	4	11-10-18 13:00 Hrs	11-10-18 14:00 Hrs	11-10-18 14:30 Hrs
14	3000003219	Operating Microscope (Plastic Surgery)	Burns and Plastic Surgery	18	11-10-18 13:00 Hrs	11-10-18 14:00 Hrs	11-10-18 14:30 Hrs
15	3000003220	Pneumatic Tourniquet	Burns and Plastic Surgery	26	11-10-18 13:00 Hrs	11-10-18 14:00 Hrs	11-10-18 14:30 Hrs

Sl. No.	Rfx Number	Name of the item	Department	Quantity	Date & time of closing of online tender	Closing date & time for submission of physical Tender	Date & time of opening of tender
16	3000003221	Powered Liposuction Set	Burns and Plastic Surgery	5	11-10-18 13:00 Hrs	11-10-18 14:00 Hrs	11-10-18 14:30 Hrs
17	3000003222	Skin Graft Mesher	Burns and Plastic Surgery	17	11-10-18 13:00 Hrs	11-10-18 14:00 Hrs	11-10-18 14:30 Hrs
18	3000003223	Surgical Micro Motor System	Burns and Plastic Surgery	9	11-10-18 13:00 Hrs	11-10-18 14:00 Hrs	11-10-18 14:30 Hrs
19	3000003224	IVUS	Cardiology	4	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
20	3000003225	Rotablation Machine	Cardiology	4	11-10-18 13:00 Hrs	11-10-18 14:00 Hrs	11-10-18 14:30 Hrs
21	3000003226	Electric operated sternum system	CTVS	19	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
22	3000003227	Surgical LED head light	CTVS	5	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
23	3000003228	Surgical Xenon head light and light source	CTVS	4	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
24	3000003229	Ultrasonic Surgical Aspirator/Dissceter(CUSA)	CTVS	10	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
25	3000003230	Vascular Doppler for coronary Graft	CTVS	18	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
26	3000003231	Insulin Pump with Integrated CGMS	Endocrinology	10	11-10-18 13:00 Hrs	11-10-18 14:00 Hrs	11-10-18 14:30 Hrs
27	3000003232	Endoscopic washer and disinfector system	Medical and Surgical Gastroenterology	6	11-10-18 13:00 Hrs	11-10-18 14:00 Hrs	11-10-18 14:30 Hrs
28	3000003233	PD Cycler	Nephrology	4	11-10-18 13:00 Hrs	11-10-18 14:00 Hrs	11-10-18 14:30 Hrs
29	3000003234	Air Oxygen blender	Paediatric Surgery	24	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
30	3000003235	Bubble CPAP Machine	Paediatric Surgery	29	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
31	3000003236	Cystoscope and Resectoscope - Paediatric	Paediatric Surgery	11	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
32	3000003237	Irradiance Meter for phototherapy	Paediatric Surgery	12	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
33	3000003238	LED Phototherapy Unit	Paediatric Surgery	82	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
34	3000003239	OAE Machine	Paediatric Surgery	4	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
35	3000003240	Open Care System	Paediatric Surgery	151	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
36	3000003241	OT Table - (Paediatric)	Paediatric Surgery	11	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
37	3000003242	Paediatric neuroendoscope	Paediatric Surgery	4	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
38	3000003243	Paediatric URS	Paediatric Surgery	4	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
39	3000003244	Pediatric Open Surgical Instruments	Paediatric Surgery	18	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs

Sl. No.	Rfx Number	Name of the item	Department	Quantity	Date & time of closing of online tender	Closing date & time for submission of physical Tender	Date & time of opening of tender
40	3000003245	Resuscitation Equipment	Paediatric Surgery	9	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
41	3000003246	Transcutaneous Bilirubin Analyzer	Paediatric Surgery	7	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
42	3000003247	300 mA HF X-Ray Machine	Radiology	16	11-10-18 13:00 Hrs	11-10-18 14:00 Hrs	11-10-18 14:30 Hrs
43	3000003248	500 mA HF X-Ray Machine	Radiology	16	11-10-18 13:00 Hrs	11-10-18 14:00 Hrs	11-10-18 14:30 Hrs
44	3000003291	3D Laparoscopy System	Urology	6	11-10-18 13:00 Hrs	11-10-18 14:00 Hrs	11-10-18 14:30 Hrs
45	3000003292	Operating microscope	ENT	4	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
46	3000003293	Oscillating saw system and otology drill system	ENT	4	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
47	3000003294	Esophagoscopy	ENT	4	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
48	3000003298	Flexible Rhino-Pharyngo Laryngoscope	ENT	4	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
49	3000003299	Low temperature sterilizer	Surgery	10	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
50	3000003300	ETO sterilizer	Surgery	10	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
51	3000003301	Arthroscopy System	Orthopedic	4	11-10-18 13:00 Hrs	11-10-18 14:00 Hrs	11-10-18 14:30 Hrs
52	3000003302	Minor OT Table	Surgery	4	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
53	3000003303	OT light for minor OT	Surgery	4	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
54	3000003304	Open Surgery Instruments (Set) for General Surgery	Surgery	15	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs
55	3000003305	Mobile Examination Light	Surgery	42	04-10-18 13:00 Hrs	04-10-18 14:00 Hrs	04-10-18 14:30 Hrs

**Section VII**  
**Technical Specification**

**Item Sl. No. 5**  
**Syringe Infusion pump**

Tender Page & Para	TENDER SPECIFICATION	Read as
BOQ.2	Docking station - 1 no	Docking station - 400 no for price bid evaluation

**Item SI. No. 10  
Hand held Doppler (Vascular)**

<b>Tender Page &amp; Para</b>	<b>TENDER SPECIFICATION</b>	<b>READ AS</b>
7	Autoclaveable 8MHz & 10MHz Probe 1 each	Autoclaveable 8MHz Probe 1 No.
BOQ 3	Autoclaveable 10MHz Probe - 1 Nos.	Deleted

**Item SI. No. 11  
Maxillo facial instrument set (Vascular)**

<b>Tender Page &amp; Para</b>	<b>TENDER SPECIFICATION</b>	<b>READ AS</b>
E	Should be European CE / US - FDA/BIS certified	<b>Deleted</b>
L3	Rowe Zygoma elevator blunt 25.5 cm - 1	<b>Deleted</b>
P4	Hyton William Forceps Forward and Downward Traction - 1 each	<b>Deleted</b>
X	Carbide burs 1. Carbide flat fissure burs no701 for surgical bone cutting. Shank long enough to be placed in the straight hand piece - 25 2. Carbide flat fissure burs no702 for surgical bone cutting. Shank long enough to be placed in the straight hand piece - 100 3. Carbide flat fissure burs no703 for surgical bone cutting. Shank long enough to be placed in the straight hand piece - 25	<b>Deleted</b>

**Item SI. No. 12  
Nd Yag Laser with IPL**

<b>Tender Page &amp; Para</b>	<b>TENDER SPECIFICATION</b>	<b>READ AS</b>
10	Pulse width: 10 nS	Pulse width: <b>10 ms or more</b>

**Item SI. No. 14  
Operating Microscope (Plastic Surgery)**

<b>Tender Page &amp; Para</b>	<b>TENDER SPECIFICATION</b>	<b>READ AS</b>
4	Should have <b>stereo</b> bridge, tiltable binocular tube f=170mm, 0-180 deg Wide angle, push in eyepiece 10x /12.5x, rotatable <b>dovetail</b> mount for binocular tubes for face to face coobservation.	Should have bridge, tiltable binocular tube f=170mm, 0-180 deg Wide angle, push in eyepiece 10x /12.5x, rotatable mount for binocular tubes for face to face coobservation.
5	Should have motorized internal continuously variable focus system, with working range from 200 mm to 400 mm or more with one front lense, continuously variable, adjustable via handgrips or foot control panel.	Should have motorized internal continuously variable focus system, with working range from <b>210 mm to 400 mm</b> or more with one front lense, continuously variable, adjustable via handgrips or foot control panel.

Tender Page & Para	TENDER SPECIFICATION	READ AS
6	Should have xenon illumination of 180 W, high intensity, automatic iris control for adjusting the illumination and a 180 W xenon backup lamp integrated in the sturdy floor stand with day light characteristics illuminating through fiber-optic light guide.	Should have xenon illumination of <b>180 W or more</b> , high intensity, automatic iris control for adjusting the illumination and xenon backup lamp integrated in the sturdy floor stand with day light characteristics illuminating through fiber-optic light guide.
11	Medical grade monitor 24" or more	Medical grade monitor <b>21" or more</b>

**Item SI. No. 18  
Surgical Micro motor System**

Tender Page & Para	TENDER SPECIFICATION	READ AS
A&1	Operating Voltage 220-240V AC, heavy duty with foot control for switching on and off.	Operating Voltage 220-240V AC, heavy duty with foot control.
C	Attachments	Attachments ( <b>Straight</b> )
C(1)	Drill bit 1.5 mm and 2 mm (10 each) Diamond polishing burrs 2mm, 3mm, 6mm (5) each) Conical contouring burr 3mm, 4mm, 6mm (5 each)'	<b>a.</b> Drill bit <b>1.5-2</b> mm and 2 mm (10 each) <b>b.</b> Diamond polishing burrs 2mm, 3mm, 6mm (5) each) <b>c. Cutting</b> burr 3mm, 4mm, 6mm (5 each)
E	Added para: Speed 2000-40000 or more rpm	Speed <b>40000 or more rpm</b>
		<b>Added Para:</b> Irrigation should be with console and tubing – 10 Nos should be supplied as standard.

**Item SI. No. 26  
Insulin pump with Integrated CGMS**

Tender Page & Para	TENDER SPECIFICATION	READ AS
16 & 16a)	<b>Accessories:</b> Software and data cable for downloading data from pump/ CGM to computer Consumables to be supplied initially (Price of all these items should be quoted separately & it will be valid for 5 years): a) Standard insulin reservoirs/cartridges - 30 Nos b) Tubing/Infusion sets - 30 Nos c) Glucose sensor -15 Nos.	<b>Accessories:</b> <b>Software:</b> a) Standard insulin reservoirs/cartridges - 30 Nos b) Tubing/Infusion sets - 30 Nos c) Glucose sensor -15 Nos.
17	One extra data cable to be provided.	<b>Deleted</b>

**Item SI. No. 27**  
**Endoscopic washer & disinfecter system**

<b>Tender Page &amp; Para</b>	<b>TENDER SPECIFICATION</b>	<b>READ AS</b>
4	Should have Touch control panel with LCD Color display with highlighting of remaining cycle time to cycle completion.	Should have control panel with LCD display remaining cycle time to cycle completion
11	Should be supplied with washing cart for Flexible endoscope, rigid scopes and should also supply complete range of manufacturer specific adaptors and connectors for the different endoscopes re-processing.	Should be supplied with washing cart for Flexible endoscope, rigid scopes and should also supply manufacturer specific adaptors <b>and/or</b> connectors ( <b>Any three types as per user requirement as standard and bidder may offer separate price for extra Adaptors</b> ) for the different endoscopes re-processing. Also undertaking from Manufacturer should be submitted along with bid that <b>"Endoscopic washer and disinfecter will be compatible for all type endoscopes available worldwide"</b>

**Item SI. No. 42**  
**300 mA HF X-Ray Machine**

<b>Tender Page &amp; Para</b>	<b>TENDER SPECIFICATION</b>	<b>READ AS</b>
Point 4 ii	The column stand should move in full circle	The column stand should <b>move <math>\pm 180^\circ</math></b>
Point 6 i	Five position motorised tilt table having Bucky grid ration of 8:1 with 85 lines per inches should be provided.	Motorised table having motorized Bucky consisting of <b>grid ratio 8:1 or more with 80 lines per inches should be provided.</b>
Point 7 i	2 No.Zero lead apron(0.25mm Lead equivalent) with thyroid shield, gonad shield	2 No.Zero lead apron( <b>0.35mm Lead equivalent</b> ) with thyroid shield, gonad shield ( <b>all should be AERB Approved</b> )
Point 10	The department would provide standard room with only three phase power supply in the room. The rest of the installation work will be done by the supplier, including girders for ceiling suspension etc., The installation of X-Ray machine includes all the associated work like suitable AC (min 4 TR), suitable flooring, cabling. Earthing, Lead lining etc. Should be done by the vendor. The site modification work should be as per AERB guidelines.	The department would provide standard room with only three phase power supply in the room. The rest of the installation work will be done by the supplier, including girders for ceiling suspension etc., The installation of X-Ray machine includes all the associated work like suitable AC (min 4 TR), suitable flooring <b>with skirting</b> , cabling, Earthing, Lead lining ( <b>for Doors and Windows</b> ) etc should be done by the vendor. The site modification work should be as per AERB guidelines.
BOQ S/no. 3	Air Conditioning : 5 TR	<b>Air Conditioning as per specification : 1 LS</b>

**Item SI. No. 43  
500 mA HF X-Ray Machine**

<b>Tender Page &amp; Para</b>	<b>TENDER SPECIFICATION</b>	<b>READ AS</b>
Point 3 i	Two Nos. Dual focus Rotating Anode X-Ray tube thermally protected	Dual focus Rotating Anode X-Ray tube thermally protected. X ray tube assembly should have provision to take X ray on vertical bucky
point 3 iii	Two Nos. Collimator with Light auto shut-off.	One No. Collimator with Light auto shut-off.

**Item SI. No. 44  
3D Laparoscopy System**

<b>Tender Page &amp; Para</b>	<b>TENDER SPECIFICATION</b>	<b>READ AS</b>
Point 1 .C2.d	<b>Telescope &amp; Camera:</b> Should have a mixer for synchronizing and processing of both left and right image signals form camera processor to transmit 3D image.	<b>Telescope &amp; Camera:</b> Should <b>be able to</b> processing of both left and right image signals form camera processor to transmit 3D image.
Point 1h	<b>Telescope &amp; Camera:</b> Should have facility for capturing and storing 3D images and Videos.	<b>Deleted</b>
Point 1.i	<b>Telescope &amp; Camera:</b> The 3D scope should be focus free with depth of field of at least 20-90 mm with a wide field of view of at least 70-80 degree.	<b>Telescope &amp; Camera:</b> The 3D scope should be focus free with depth of field of at least <b>25-90 mm</b> with a wide field of view of at least <b>between 65-80 degree.</b>
Point 1 . J	<b>Telescope &amp; Camera:</b> The 3D scope should have effective working length of 310 mm or above	<b>Telescope &amp; Camera:</b> The 3D scope should have effective working length of <b>300 mm or more</b>
Point 1.i	The 3D scope should be compatible with ETO or Autoclave or Sterrad means of reprocessing techniques	The 3D scope should be compatible with ETO or Autoclave or Sterrad or Sterile sheeths means of reprocessing techniques
Point 2 a	Monitor The 3D monitor should be full HD with 32 inch or above in size and should have 1920x1080 pixel resolution.	<b>Monitor</b> The 3D monitor should be full HD with <b>31.5 inch or above</b> in size and should have 1920x1080 pixel resolution.
Point 3 .b	Light source The company should provide at least one spare bulb and free of cost maintenance of light source	<b>Light source</b> The company should provide at least one spare bulb( <b>in case of Xenon light source only</b> )
6d.	OEM Trolley to house all equipments.	OEM Trolley to house all equipments <b>along with suitable stablizer and UPS</b>

**Item SI. No. 51  
Arthroscopy system**

<b>Tender Page &amp; Para</b>	<b>TENDER SPECIFICATION</b>	<b>READ AS</b>
<b>B</b>	Arthroscopy set complete with high definition camera HD monitor 19"Scope, general instruments shaver system , ACL reconstruction set arthroscopy pump system .	Arthroscopy set complete with high definition camera, HD monitor <b>minimum 19"</b> Scope, general instruments shaver system , ACL reconstruction set arthroscopy pump system .

Tender Page & Para	TENDER SPECIFICATION	READ AS
1	Camera console 220 v with universal coupler & autoclavable camera head.	Camera console 220 v with universal coupler & autoclavable /ETO /Sterilizable camera head.
3	Resolution -2000 Horizontal Lines	<b>Deleted</b>
6	Signal to noise ratio 70 dB	Signal to noise ratio <b>70 dB or less</b>
9	Aperture control on console	<b>Deleted</b>
<b>E</b>	<b>Xenon light source</b>	<b>Xenon/LED light source</b>
1	light source xenon, 300 watts lamp	light source xenon 300 watts <b>or equivalent LED light source</b>
4	one spare xenon lamps 300 watt	one spare xenon lamps 300 watt <b>(Incase of xenon source only)</b>
F	high definition monitor 19"	High definition <b>LED monitor 19 or more"</b>
<b>G</b>	<b>Arthroscope Set</b>	
2	Straight punch, cutting width 15 deg upbiter 30 deg left cutting 30 deg right .	Straight punch, cutting width 15 deg upbiter 30 deg left cutting 30 deg right <b>(One Each)</b>
3	Cutting 90 deg left cutting 90 deg right cutting foriegnbody grasper with lock .	Cutting 90 deg left cutting 90 deg right cutting foriegnbody grasper with lock <b>.(One Each)</b>
H 1	Electronic control unit -1No. Foot control -1No. Handpiece Autoclave RPM 12000 – 1No. Microdriver with drilling, wiring and micro saw attachment – 1No. Full radius resector -2Nos. End cutter-2Nos. Aggressive cutter-2Nos. Meniscs cutter-2Nos. Oval Burr-2Nos.	Electronic control unit -1No. Foot control -1No. Handpiece Autoclave RPM <b>8000 or more</b> – 1No. Microdriver with drilling, wiring and micro saw attachment – 1No. Full radius resector -2Nos. End cutter-2Nos. Aggressive cutter-2Nos. Meniscs cutter-2Nos. Oval Burr-2Nos.
K 2	Maximum flow rate of2000 ml/minute with maximum pressure upto 150 mmHg	Maximum flow rate of <b>1500- 2000 ml/minute</b> with maximum pressure upto <b>120-150</b> mmHg
3	Disc Capacity of 500GB and recording system should be windows XP/ Higher base	Disc Capacity of <b>320GB or more</b> and recording system should be windows XP/ Higher base
4	Touch screen( Min 10") Control panel interface	Touch screen( <b>Minimum 8"</b> ) Control panel interface
6	Video inputs minimum 2 nos S-video ,2 nos composite ,1 XGA(1024X768) and 1 High -Definition (1280X1024)	Video inputs minimum <b>1 no.</b> S-video , <b>minimum 1 no.</b> composite ,1 XGA(1024X768) and 1 High -Definition (1280X1024)
M	The system should be European CE/ US FDA approved and all accessories should be from same manufacturer.	The system should be European CE/ US FDA/ <b>BIS</b> approved and all accessories should be from same manufacturer( <b>20% of accessories may be from 3rd party with Euopean CE/ USFDA/ BIS certified</b> )

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