

**Amendment No. 1**

**Sub: Amendment to the referred tender enquiry**

**Ref.: Tender Enquiry HITES/PCD/PMSSY-III/24/BPS/18-19 dated 10/04/2018**

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

**Section VII  
Technical Specification**

<b>Item No. 01 CO2 Laser</b>		
<b>Para</b>	<b>Tender Specification</b>	<b>READ AS</b>
<b>f.</b>	Scanner : In-built Scanner Scanner:10mm X 10mm-20 X 20mm size with custom shapes(square, circle, line, rectangle, hexagonal etc)	Scanner : In-built Scanner Scanner:10mm X 10mm- <b>15mm x 15mm</b> or more size with custom shapes(square, circle, line, rectangle, hexagonal etc)
<b>h.</b>	Hand piece: Reusable, light weight to enable fine dermato surgical procedures	Hand piece: Reusable, light weight
<b>m</b>	US FDA or European CE with 4 digit notified Body no. approved	Should be US FDA or European CE with 4 digit notified body no or BIS approved for the quoted model
<b>Essential Accessories:</b>		
<b>Para</b>	<b>Accessories Quantity</b>	<b>Accessories Quantity</b>
<b>1</b>	Safety Goggles 4	Safety Goggles : 10 Nos
<b>2</b>	Eye shield and cornea shield 10	Eye shield and cornea shield : 4 nos Each

<b>Item No. 02 Diode Laser</b>		
<b>Para</b>	<b>Technical Specification</b>	<b>READ AS</b>
<b>4</b>	Max Power output at probe: 1mW	Fluence 100 to 120 J / cm <sup>2</sup>
		<b>Added para:</b> Spot size 10 to 12 mm
		<b>Added para:</b> Must have contact cooling

Item 04 Battery operated Dermatome		
Para	Technical Specifications	Read As
1	Should be battery operated electric dermatome with 2 rechargeable battery packs & charger	Should be battery operated dermatome with 2 rechargeable battery packs & charger
5	Should have Width plate range from one to four inches (2.5 to 10 cm) in one inch increments.	Should have Width plate range from one to four inches (2.5 <b>cm</b> to <b>8</b> cm) in one inch increments
8	Should supply Dermatome Screw Driver.	<b>DELETED</b>
		<b>Added Para:</b> Demonstration for quoted model is must

Item 05 Power Tools for Craniomaxillofacial and hand surgery (Electric micro drill)		
Para	Tender Specification	Read As
A	Micromotor (1) 1. Running Speed Average-40000 rpm Max.-70000 rpm	Running Speed <b>Min 8000 rpm</b> - Max.-70000 rpm
D	D. Hand Pieces (autoclavable) 1. Medium Straight (1) 2. Medium angle - 20-30° (1) 3. Medium Right angle (1)	D. Hand Pieces (autoclavable) 1. Medium Straight (1) 2. Medium angle : <b>20-40°</b> (1) 3. Medium Right angle (1)
E	E. Micro driver system (2) 2. RPM range 300 - 1500	E. Micro driver system (2) 2. RPM range 300 – <b>1200 or more</b>
F	F Micro Saws 3 Saggital Saw (1) a. Autoclavable b. Brushless motor	3 Saggital Saw (1) a. Autoclavable b. Brushless motor <b>Added para:</b> c. Speed 8000– <b>20000</b> ,Osc/per minute
I	Modular, autoclavable, instrument tray for above instruments and attachments	Graphic Modular, autoclavable, instrument tray for above instruments and attachments

Item. 06 General plastic surgical instruments (Burns & Plastic)		
Para	Tender Specification	Read As
E	The instruments should carry CE/US FDA/BIS certification.	The instruments should carry <b>European CE with four digit notified body no.</b> /US FDA/BIS certification.
I	The firm has to provide instrument for five sets.	<b>DELETED</b>
		<b>Added para K. variation in size upto 10% is acceptable</b>

Item. 07 Hand held Doppler (vascular)		
Para	Technical Specifications	Read As
		<b>Added para:</b> European CE with 4 digit notified body/US FDA /BIS approved

Item No. 08 LED Head Light		
Para	Technical Specifications	Read As
		<b>Added para:</b> European CE with 4 digit notified body/US FDA /BIS approved

Item No. 10 Maxillofacial instrument sets		
Para	Technical Specifications	Read As
		<b>Added para:</b> variation in size upto 10% is acceptable
		<b>Added para:</b> All the instruments should be European CE with 4 digit notified body/US FDA /BIS approved

Item No. 12 Operating Microscope (Plastic Surgery)		
Para	Technical Specifications	Read As
2	Should have large stereobase of 25 mm, rotation around vertical axis more than 50°, left tilt 40°, right tilt, inward inclination-50°, upward inclination-120° and all axis moment with single button control of all axes.	<b>DELETED</b>
3	Should have apochromatic optics with 1:6 Zoom ratio, adjustable via handgrips or foot control.	Should have apochromatic optics with 1:6 Zoom ratio, adjustable via handgrips <b>and</b> foot control.
4	Should have stereo bridge, tiltable binocular tube f=200mm, 200 deg Wide angle, push in eyepiece 12.5x, rotatable dovetail mount for binocular tubes.	Should have stereo bridge, tiltable binocular tube f= <b>170</b> mm, <b>0-180</b> deg Wide angle, push in eyepiece <b>10x</b> /12.5x, rotatable dovetail mount for binocular tubes <b>for face to face co-observation.</b>

Item No. 12 Operating Microscope (Plastic Surgery)		
Para	Technical Specifications	Read As
6	Should have xenon illumination of 300-360 W, high intensity, automatic iris control for adjusting the illumination and a 300-360 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</b> , high intensity, automatic iris control for adjusting the illumination and a <b>180 W</b> xenon backup lamp integrated in the sturdy floor stand with day light characteristics illuminating through fiber-optic light guide.
9	Should have 3- CCD HD video camera and DVD recorder with storage and enable CCTV attachment.	Should have 3- CCD <b>Medical grade</b> HD video camera <b>with HD recording and storage facility with</b> CCTV attachment.
10	Integrated digital video recording facility with appropriate video editing software	Appropriate video editing software <b>and compatible hardware to be provided.</b>
11	Medical grade monitor 19" or more	Medical grade monitor <b>24"</b> or more
15	There should be a facility of binocular teaching attachment with LCD monitor and recording facility.	<b>DELETED</b>
18	Should have Pair of handles for easy control of zoom, focus, brightness and magnetic breaks <b>with two free programmable buttons.</b>	Should have Pair of handles for easy control of zoom, focus, brightness and magnetic brakes.
19	Integrated filter – UV and IR.	<b>DELETED</b>
20	Foot switch wired or wireless to be provided.	<b>14 function</b> foot switch wired or wireless to be provided.

Item No. 13 Automatic Pneumatic Tourniquet (Dual Channel)		
Para	Technical Specifications	Read As
4	Automatic built-up of cuff pressure after operator setting the pressure with approx. range 50-450 mm Hg	Automatic built-up of cuff pressure after operator setting the pressure with approx. range <b>100-450</b> mm Hg
5	Time setting 5-240 minutes in 1 minute increment	Time setting 5-240 minutes in <b>5</b> minute increment
h	Carrying case for tourniquet and cuffs	Carrying case for cuffs

Item No. 14 Skin Graft Mesher		
Para	Technical Specifications	Read As
9	25 Carriers must be supplied with Mesher	25 Carriers to be supplied with the Mesher <b>if required for its operation.</b>

<b>Item No. 15</b>		
<b>Surgical Loupe</b>		
<b>Para</b>	<b>Technical Specifications</b>	<b>Read As</b>
3	Magnification of 3.5-4.5X with field of view and depth should be around 100mm calibrated at individual working distance of surgeon	Magnification of 3.5-4.5X with working distance 30-50 cm
9	Should include at least one chance of re-customization after successful installation during CMC period	<b>DELETED</b>
10	Cost of customization (after CMC) and other accessories should be quoted separately.	<b>DELETED</b>
		<b>Added Para:</b> Should be US FDA or European CE with 4 digit notified body no or BIS approved for the quoted model

<b>Item No. 16</b>		
<b>SURGICAL MICROMOTOR SYSTEM</b>		
<b>Para</b>	<b>Technical Specification</b>	<b>Read As</b>
A	Main Control Unit	<b>DELETED</b>
1	Operable Voltage 220-240V AC, heavy duty explosion proof Hand and foot control with integrated irrigation system, control for speed and irrigation both.	Operable Voltage 220-240V AC, heavy duty with foot control for switching on and off.
2	Cable for Micro motor (sterilizable) & suitable attachment for irrigation bottle	<b>DELETED</b>
B	Micromotor	<b>DELETED</b>
1	Sterilizable, Microprocessor controlled, clockwise and anticlockwise movement, ideal running speed 40,000 RPM or better with following	<b>DELETED</b>
C	Attachments	
1	Drill attachment for cutting burrs and polishing burrs of size 1-6mm to be provided, straight & angled, long & short – 2 each	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>Added para:</b> Control of rpm and clockwise and anticlockwise direction on the main control unit.
		<b>Added para:</b> Speed 2000-40000 or more rpm
		<b>Added para:</b> Lightweight and ergonomic handpiece

<b>Item No. 16</b>		
<b>SURGICAL MICROMOTOR SYSTEM</b>		
<b>Para</b>	<b><u>Technical Specification</u></b>	<b>Read As</b>
		<b>Added Para:</b> Should be US FDA or European CE with 4 digit notified body no or BIS approved for the quoted model

**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**