

Amendment No. 02

Date: 08/04/2019

Sub: Amendment No.02 to the Tender Enquiry Document

Ref: (i) Tender No: HITES/PCD/AIIMS-BBSR/04/18-19 dated 07.03.2019

Section I
Notice Inviting Tenders(NIT)

1) For:-

Sl No	RFx No	Equipment	Department	Quantity	Tender Processing Fee (INR)*	EMD (INR)
8	3000003870	Intraoperative ultrasound	Neurosurgery	1	1180	60,000

Read As:

Deleted

2) For:-

The schedule for submission of tenders against the referred NIT is revised as below:

Sl. No.	Description	Schedule
c.	Closing date & time for submission of online bids	09.04.2019, 01:00 PM
d.	Closing date & time for submission of tender processing fee and EMD in physical form*	09.04.2019, 02:00 PM
e.	Time and date of opening of online bids	09.04.2019, 02:30 PM

Read As:

Sl. No.	Description	Schedule
c.	Closing date & time for submission of online bids	23.04.2019, 01:00 PM
d.	Closing date & time for submission of tender processing fee and EMD in physical form*	23.04.2019, 02:00 PM
e.	Time and date of opening of online bids	23.04.2019, 02:30 PM

Note: If EMD is submitted in the form of BG, then the validity of the BG should be at least 165 days from the revised date of tender opening.

Section – VII
Technical Specifications

Sch 02: Q-Switched ND Yag Laser (RFx. No. 3000003864)			
Sl. No	Tender Page & Para	TENDER SPECIFICATION	READ AS
1	Amendment 01 Pg 1	Operating mode Q-switched & Spectra mode	Operating mode Q-switched & Spectra mode (or 585 & 650 nm wavelength)
2	Amendment 01 Pg 1	Energy Density 0 - 2000MJ/cm2	Energy Density 0 - 1800MJ/cm2
3	Amendment 01 Pg 1	Pulse Number 2 - 15	Pulse Number 1 - 10 Hz
4	Amendment 01 Pg 1	Pulse Width 5 - 10ns	Para Deleted
5			Added Para: It should be USFDA or European CE with 4 digit notified body no. Or BIS certified.

Sch 03: Holmium Laser(120 Watt) (RFx. No. 3000003865)			
Sl. No	Tender Page & Para	TENDER SPECIFICATION	READ AS
3	Pg 49 Para 13)	It should have a touch screen colour display and should rotate 360 degrees.	It should have a touch screen colour display and should rotate 270 degrees.
4	Pg 49 Para 14)	It should have Fiber & Suction tube support arm.	It should have Fiber & Suction tube support arm. (If applicable)
5	Pg 49 Para 15)	It should have Voice Confirmation including System's operational status.	It should have Voice Confirmation / Beep indication including System's operational status.
8	Pg 49 Para 19) i	Ceramic Scissors - 1	Ceramic Scissors / Cutters - 1
10	Pg 50 Para 20 viii.	Laser Resectoscope Set which includes the following: Single Chamber Imported Tissue Evacuator – 1	Laser Resectoscope Set - 1

Sch 04: Ultrasonic Cutting & Coagulation Device with Integrated Bipolar System (RFx. No. 3000003866)			
Sl. No	Tender Page & Para	TENDER SPECIFICATION	READ AS
2	Pg 50 Para 3.1 b)	Deliver both ultrasonic and bipolar energy through one instrument generator set simultaneously	Deliver both ultrasonic and bipolar energy through one instrument generator set
3	Pg 50 Para 3.1 c)	Unit should also be able to deliver separately the other energy modalitie like monopolar, bipolar , advanced bipolar and Ultrasonic energy both for open as well as endoscopic surgery.	Unit should also be able to deliver separately the other energy modalities like monopolar, bipolar and Ultrasonic energy both for open as well as endoscopic surgery.

4	Pg 51 Para 3.1 d)	Rapid Dissection and reliable hemostatis upto 7mm vessels in a single instrument set.	Rapid Dissection and reliable hemostatis upto 7mm vessels
6	Pg 51 Para 3.1 g)	HF unit should have operational compatibility for all Lap /Gyn/ Uro/GI/ Open Surgery and should have minimum 16 Monopolar & Bipolar Modes to cover all OR requirement, boot time not more than 6 sec, 4000 times feedback control cycle per second.	HF unit should have operational compatibility for all Lap /Gyn/ Uro/GI/ Open Surgery and should have Monopolar & Bipolar Modes.
7	Pg 51 Para 3.1 i)	HF Unit should have fast Spark Monitor ensures smooth and reproducible cutting in various tissue (e.g Muscle and Fat)	HF Unit should ensure smooth and reproducible cutting in various tissue (e.g Muscle and Fat)
8	Pg 51 Para 3.1 k)	Device should have dedicated Seal and Seal & Cut mode by hand activation as well as foot switch without exchanging the instruments.	Device should have Seal & Cut mode by hand activation as well as foot switch without exchanging the instruments.
9	Pg 51 Para 4.1 1.	Accessories for Open Surgery: Hand pieces of different types	Accessories for Open Surgery: Hand piece - 2 Nos.
10			
11	Pg 51 Para 4.1 2.	Accessories for Open Surgery: Hand and or foot activated Coagulation shears, curved, 5mm diameter, with different shaft lengths for general as well as precise dissections	Accessories for Open Surgery: Hand and or foot activated Coagulation shears, curved, 5mm diameter (18-23 cm) - 15 Nos.
12	Pg 51 Para 4.1 3.	Accessories for Open Surgery: Blades for open surgery (Hook/curved)	Accessories for Open Surgery: Blades for open surgery (Hook/curved) (If required)
13	Pg 51 Para 4.2 1.	Accessories for Laparoscopic Surgery:- Hand pieces of different types	Accessories for Laparoscopic Surgery:- Hand piece - 2 Nos.
14	Pg 51 Para 4.2 2.	Accessories for Laparoscopic Surgery:- Hand activated curved coagulation shears with different shaft length	Accessories for Laparoscopic Surgery:- Hand activated curved coagulation shears (35 - 45 cm) - 15 Nos.
15			
16	Pg 52 Para 7	Standards & Safety (Para 7.1 to 7.5)	It should be European CE with 4 digit notified body no. Or USFDA or BIS approved.

Sch 05: 4K Ultra HD Laparoscopy Imaging System (RFx. No. 3000003867)

Sl. No	Tender Page & Para	TENDER SPECIFICATION	READ AS
1	Page 53 Para 4	55" 4K-UHD (3840 pixel) medical grade monitor	55" or more 4K-UHD (3840 pixel) medical grade monitor - with stand

2	Page 53 Para 1	A full 4K high definition processor should have selectable native resolution of 4096x2160 & 3840x2160 pixels. System for 31 inch & 55 inch medical grade monitors & should able to provide full 4K, Ultra High Definition & HD output.	A full 4K high definition processor should have native resolution of 4096x2160 & /or 3840x2160 pixels. System for 31 inch or more & 55 inch or more medical grade monitors & should able to provide full 4K, Ultra High Definition & HD output.
3	Page 53 Para 1	System should offer both 17:9 & 16:9 aspect ratio.	System should offer 16:9 aspect ratio
4	Page 53 Para 1	It should have Touch panel operation for easy control.	It should have Touch panel / (Camera Head & Keyboard Control) operation for easy control.
5	Page 53 Para 1	System should offer 2x 4K output (Through 4 x HD-SDI cables & 2x3G-SDI or HD-SDI O/p for full HD signals)	System should offer 4K video output
6	Page 53 Para 1	System should have 16 - axial color phase adjustments for rich color reproduction & for easy pickup of blood vessels, lesions & boundaries of the tissue.	System should have color phase adjustments for rich color reproduction & for easy pickup of blood vessels, lesions & boundaries of the tissue.
7	Page 53 Para 2)	Powerful 300W Xenon Light Source:	Powerful 300W Xenon Light Source / LED with a life of at least 40,000 hours (Equivalent to 300W Xenon)
8	Page 53 Para 2)	A powerful 300 Watt Xenon Lamp with emergency lamp facility	A powerful 300 Watt Xenon Lamp with emergency lamp facility with Xenon bulb (In case of Xenon light source)
9	Page 53 Para 2)	Built-in special filter for early cancer detection	Built-in special filter for early cancer detection (either in light source or in camera)
10	Page 54 Para 3)	Should provide - Auto Focus Function (One touch Autofocus)	Should provide - Auto Focus Function
11	Page 54 Para 3)	Should provide Electronic Zoom function (button controlled) - x2.0 electronic zooming in 6 steps (x1.0, x1.2, x1.4, x1.6, x1.8, x2.0)	Should provide Electronic Zoom function (button controlled) - x2.0 electronic zooming
12	Page 54 Para 3)	Should have Focal Length f=23.5 mm	Should have Focal Length f = 18-24 mm
13	Page 54 Para 4)	Should be approved by BIS	Should be approved by BIS / European CE / USFDA
14	Page 54 Para 4)	Should have various input/output terminals, including 3G/HD/SD SDI, DVI-D, BNC(x5) and HDMI	Should have 4K video input
15	Page 54 Para 5)	Ultra Telescope	Telescope
16	Page 54 Para 5)	10mm - DOV: 0 degree and 30 degree. FOV : 88 degree, Working Length: 315 mm - 1 No's	10mm - DOV: 0 degree and 30 degree. FOV : 80 - 90 degree , Working Length: 315 mm - 1 No's
17	Page 54 Para 5)	Telescopes should incorporate - ED Glass Lenses for High resolution Imaging	Telescopes should incorporate - ED Glass / Rod Lenses for High resolution Imaging

		& less Chromatic aberration.	& less Chromatic aberration.
18	Page 54 Para 6)	Length 460 mm	Length 420 - 460 mm
19	Page 54 Para 7)	Light Guide Cable, Must be Autoclavable	Light Guide Cable, Must be Autoclavable - 2 Nos.
20	Page 55 Other Points	It should be US FDA & European CE certified	Telescope, Camera & Processor, Light Source should be USFDA or European CE with 4 digit notified body no. Or BIS certified.
21			Added Para: Trolley from OEM - 1 no
22			Added Para: Insuffalator of min capacity 40lpm with smoke evacuator and heating facility (Either inbuilt or seperate)

Sch 06: Choledochoscope Set (with accessories) (RFx. No. 300003868)			
Sl. No	Tender Page & Para	TENDER SPECIFICATION	READ AS
1	Pg 56 Para 3.1 b	Automatic switch off function when source is not used for extended period of Time	Para Deleted
2	Pg 56 Para 3.1 e	Automatic control of output power according to tissue resistance	Para Deleted
3	Pg 56 Para 3.2 a	Field of view: 120 degree or more	Field of view: 110 degree or more
4	Pg 56 Para 3.2 c	Distal end outer diameter: 4.9 mm or less	Distal end outer diameter: 5.2 mm or less
5	Pg 56 Para 3.2 e	Tip Bending range: Up 160 deg & Dn 130 deg.	Tip Bending range: Up 160 deg & Dn 100 deg.
6	Pg 56 Para 3.2 f	Working length: 380 mm or more	Working length: 360 mm or more
7	Pg 57 Para 3.3 h	Washing pipe Retro-Jet - 2 No.	Washing pipe Retro-Jet - 2 No. (Optional)
8	Pg 57 Para 3.4 a	Leakage testing device compatible with above scope with its air flow and Pressure regulation through Compatible Light source's air pump	Leakage testing device compatible with above scope with its air flow and Pressure regulation
9	Pg 57 Para 5 5.1	Should be FDA and CE certified	Should be USFDA / European CE with 4 digit notified body no. / BIS certified

Sch 07: Hi-Fidelity Human Patient Simulator (RFx. No. 3000003869)			
Sl. No	Tender Page & Para	TENDER SPECIFICATION	READ AS
1	Pg 61 Para 6	Neurologic System: Adult mannequin should have electrode attachment for peripheral nerve stimulator.	Para Deleted
2	Pg 61 Para 6	Neurologic System: Adult mannequin should automatically detect PNS stimulus pattern and generate appropriate thumb twitch response.	Should have train of four monitoring
3	Pg 63 Para 5 Software Specifications	On-screen PTZ controls: click on image to pan and tilt, drag image to zoom in and out; from multi or single room views. View any configured room securely using CAE-provided signed SSL certificates.	Para Deleted
4	Pg 64	Advanced Life Support (ALS) (Entire specification)	Para Deleted

Sch 08: Intraoperative ultrasound (RFx. No. 3000003870)	
ITEM DELETED	

Sch 09: ICP Monitor (RFx. No. 3000003871)			
Sl. No	Tender Page & Para	TENDER SPECIFICATION	READ AS
1	Pg 68 BOQ Para 2	Skull bolt & catheter kits - 20 Nos.	Skull bolt - 20 Nos. per year (Total 100 Nos.), Catheter kits - 20 Nos. per year (Total 100 Nos.) (Price should be quoted separately which will be valid for the entire warranty period and will be taken for price ranking purpose. However, initial supply will be 20 Nos. with each machine.

All other terms and conditions of the tender enquiry remain unaltered