

29-08-2017

Amendment No. 08**Sub: Amendment to the referred tender enquiry****Ref.: Tender Enquiry HITES/PCD/PMSSY-III/07/CTVS/2017-18 dated 08-06-2017 read with Amendment No. 01 dated 03-07-2017, Amendment No. 02 dated 10-07-2017, Amendment No. 03 dated 20-07-2017, Amendment No. 04 dated 25-07-2017, Amendment No. 05 dated 27-07-2017, Amendment No. 06 dated 03-08-2017 & Amendment No. 07 dated 29-08-2017**

The following changes have been incorporated in the referred tender enquiry.

**Section I
Notice Inviting Tender****For Event Numbers: 3000002024**

Tender timeline:

Sl. No.	Description	Schedule
a.	Last date for receipt of Pre-bid queries	06.09.2017, 1800 hrs IST
b.	Pre-bid meeting date, time	08.09.2017, 1100 hrs IST
d.	Closing date & time for submission of online bids	29.09.2017, 1800 hrs IST
c.	Closing date & time for submission of tender processing fee and EMD in physical form*	30.09.2017, 1400 hrs IST
e.	Time and date of opening of online bids	30.09.2017, 1430 hrs IST
f.	Venue for :- <ul style="list-style-type: none"> • Submission of tender processing fee, EMD in physical form. • Tender Opening-Tech Bid 	HLL Infra Tech Services Limited, Procurement & Consultancy Services Division, B-14 A, Sector-62, Noida-201307

* Bidders have to submit Original Bank Instruments for tender processing fee and EMD within the above mentioned date and time

**Section VII
Technical Specification****Item sl. no. 8**

The technical specification of this item has been revised as below:

Sl. No	Ultrasonic cutting & coagulation device with advanced Radio frequency energy
A	GENERATOR
1	System should be a single/dual generator with single footswitch that provides ultrasonic energy and advanced RF energy technology for soft tissue dissection and vessel sealing

2	Should have the ability to select hand switch or footswitch activation or both for ultrasonic and advanced RF energy instruments and the ability to change selection during use can seal and transect vessel upto 7mm with system feedback mechanism for better patient safety.
3	Should have very minimal lateral thermal with spread not more than 1mm.
4	RF energy instruments compatible with generator should have controlled gap mechanism for uniform compression across the instrument jaw for better sealing and transaction of vessels and tissue bundles upto 7mm simultaneously.
5	Should have standby mode to ensure safety.
6	Should be able to power ultrasonic energy instruments with 45 KHz and above frequency.
7	Should be compatible for RF energy and ultrasonic energy instruments for open and laparoscopic surgery.
8	Should be able to power energy instruments with microprocessor controlled bipolar electrosurgical radiofrequency technology with a quasi-sinusoidal forced impedance output.
9	Should be equipped with smart advanced RF energy technology to measure the tissue impedance and control the power delivery and that can simultaneously seal and transect vessels up to 7mm, large tissue pedicles and vascular bundles with system feedback.
10	Should be compatible with 360 shaft rotation and can simultaneously seal and transect vessel upto 7mm, large tissue pedicles and vascular bundles with system feedback.
11	Should provide temperature controlled energy delivery which should maintain tissue temperature approximately at 100 deg C and hand instruments that provide tissue/vessel seal strength to withstand bursting pressure of 7 times the systolic pressure.
12	Should be compatible with ultrasonic energy instruments which can simultaneously seal and transect vessels upto 7mm, large pedicles and vascular bundles with ultrasonic energy only with system feedback.
13	All hand probes for open and lap procedures should be able to simultaneously cut and coagulate tissues with integrated hand activation control buttons.
14	Should have the ability for software updates via USB memory stick/HDMI/Link
15	Should confirm to the following international standards EN(IEC) 60601-1, EN(IEC) 60601-1-2, EN(IEC) 60601-2-2, EN (IEC) 60601-1-8 & system should be European CE & US FDA approved.
16	Should provide class I protection against electric shock
17	Should come equipped with system diagnostics and troubleshooting guide to pin point any problem in the system.
18	Well-equipped service centre, should be ISO certified.
B	FOOT SWITCH & CABLE
C	Accessories

1	Generator cart
2	Adapters for ultrasonic and radiofrequency instruments
3	Hand piece/Hand pieces (transducer) compatible with various hand instruments used in open and laparoscopic surgeries.
4	RF energy 5mm lap hand activated probe capable of sealing blood vessels upto 7mm in diameter, 35cm with 3mm curved tip
5	Ultrasonic 5mm lap hand activated curved coagulating shear with next generation adaptive tissue technology which gives regulated power delivery for improved thermal management and audible feedback tone for generator surgical efficiency, capable of sealing blood vessels upto 7mm in diameter using two hand activation buttons , proprietary non stick coated active blade to reduce tissue sticking, 36cm shaft length with ergonomic handle.

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**