##### HLL LIFECARE LIMITED

**AKKULAM FACTORY, SREEKARIAM P.O. THIRUVANANTHAPURAM - 17**

**Amendment to TENDER NOTICE**

## Sub: TENDER FOR SUPPLY AND INSTALLATION OF VESSEL SEALER

FOR ART–IVF CENTRE AT IMCH, MEDICAL COLLEGE HOSPITAL, KOZHIKODE, KERALA (PHASE- II)

### Ref: TENDER No IFB NO: HLL/AFT/TDG/ IVF-II/ EQP/2014-15/03 to 10

### Dated 25.02.2015

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In the Tender Nos. referred above, the following amendments are made in the tender document for for the supply of Vessel Sealer.

**DOCUMENTS COMPRISING BID – TECHNICAL SPECIFICATION (SECTION –IV)**

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| **Sl No** | **Original Tender Details** | **Amended Tender Details** |
| 1.2.3. | **TECHNICAL SPECIFICATIONS**SPECIFICATIONS FOR ADVANCED ELECTRO SURGICAL UNIT with VESSEL FUSION1. An integrated system with 300W output generator and touch screens for Monopolar, Bi-Polar and Vessel Fusion integrated in one generator.
2. The system must be micro-processor controlled which should identify the tissue type with a feedback of at least 3300 times/second on real time basis, and adjust the power to get the desired surgical effect on the tissue.
3. Highest power efficiency rating – have to be within the range 98%-100%
4. System should have 2 monopolar output, 1 Bipolar output, 1 endoscopic monopolar output and 2 Vessel Sealing output.
5. The Monopolar output must have Cut, Blend, “Haemostasis with division (HWD)”, Fulgurate and Spray mode.
6. The Bi-Polar must have Low, Standard and Macro mode with Auto Bi-Polar control.
7. System should have separate monopolar, bipolar & Vessel Sealing foot pedal.
8. The system should have two different Vessel Fusion outputs which should be able to seal artery, veins along with tissue bundle up to 7mm, and fused vessels should be able to withstand more than 3 times of normal systolic blood pressure.
9. The Vessel seal system should be of minimum of 150W with bar control power setting facility.
10. Surgeon should have the facility to control the power from the sterile zone with a sliding control 3- button hand switching device.
11. The system should have demo mode facility and recall facility to recall the last setting used by user.
12. Should have six combination of cutting and coagulation settings
13. System should be compatible of REM polyhesive contact quality monitoring system.
14. System should have audio-visual alarm facility, to indicate any breakage of direct contact between the patient and patient plate.
15. Integrated seal with choice of cut of 10 mm and 5 mm should be there.
16. System should have 5 mm vessel sealing electrical instrument with Maryland jaw tip for dissection and faster procedure-1 No.
17. Both Footswitch and hand control mode should be available.
18. System should be Compatible with Argon Coagulator.
19. System and its accessories including probes, instruments should be US FDA certified.
20. The system should be upgradable and has RS232, USB, Ethernet port for on field software downloads, upgrades and serviceability.
21. The system should be compatible with argon machine & smoke evacuation system.
22. Monopolar/Bipolar/Vessel sealing footswitch.
23. Bayonet Bipolar forceps with cord – 1 no.
24. Universal adaptor – 1 no.

SECTION – I , (1) Eligible Bidders, Minimum Eligibility Criteria - 2.2).b)1. Manufacturer’s manufacturing license / Distributor appointment letter to do the business in Himachal Pradesh State.

SECTION – I - 22 Evaluation and Comparison of Bids - 22.2.i. cost of transportation, insurance and other costs incidental to the delivery of equipment; todesignated delivery destination and installation and handing over the same to the Purchaser, at designated Hospitals in Himachal Pradesh State. | **TECHNICAL SPECIFICATIONS**SPECIFICATIONS FOR ADVANCED ELECTRO SURGICAL UNIT with VESSEL FUSION* An integrated system with 300W output generator and touch screens for Monopolar, Bi-Polar and Vessel Fusion integrated in one generator.
* The system must be micro-processor controlled which should identify the tissue type with a feedback of at least 3300 times/second on real time basis, and adjust the power to get the desired surgical effect on the tissue.
* Highest power efficiency rating – have to be within the range 98%-100%
* System should have 2 monopolar output, 1 Bipolar output, 1 endoscopic monopolar output and 2 Vessel Sealing output.
* The Monopolar output must have Cut, Blend, “Haemostasis with division (HWD)”, Fulgurate and Spray mode.
* The Bi-Polar must have Low, Standard and Macro mode with Auto Bi-Polar control.
* System should have separate monopolar, bipolar & Vessel Sealing foot pedal.
* The system should have two different Vessel Fusion outputs which should be able to seal artery, veins along with tissue bundle up to 7mm, and fused vessels should be able to withstand more than 3 times of normal systolic blood pressure.
* The Vessel seal system should be of minimum of 150W with bar control power setting facility.
* Surgeon should have the facility to control the power from the sterile zone with a sliding control 3- button hand switching device.
* The system should have demo mode facility and recall facility to recall the last setting used by user.
* Should have six combination of cutting and coagulation settings
* System should be compatible of REM polyhesive contact quality monitoring system.
* System should have audio-visual alarm facility, to indicate any breakage of direct contact between the patient and patient plate.
* Integrated seal with choice of cut of 10 mm and 5 mm should be there.
* System should have 5 mm vessel sealing electrical instrument with Maryland jaw tip for dissection and faster procedure-1 No.
* Both Footswitch and hand control mode should be available.
* System should be Compatible with Argon Coagulator.
* System and its accessories including probes, instruments should be US FDA certified.
* The system should be upgradable and has RS232, USB, Ethernet port for on field software downloads, upgrades and serviceability.
* The system should be compatible with argon machine & smoke evacuation system.
* Monopolar/Bipolar/Vessel sealing footswitch.
* Bayonet Bipolar forceps with cord – 1 no.
* Universal adaptor – 1 no.
* Laparoscopic (5mm) seal and cut instrument with hand switch activation capability should provide with the system -2 nos.
* Laparoscopic (5mm) Maryland Jaw sealer and divider instrument with hand switch activation capability should provide with the system -1 no.
* 36mm jaw length, 180 degree rotatable instrument with curved blade for large volume tissue – 2 Nos.
* Three Button Hand switching pencil – 3 nos
* Contact quality monitoring return electrode – 10 nos
* 2 button electrosurgical hand switching pencil with Blade electrode and with necessary connecting cable- 5 nos

SECTION – I , (1) Eligible Bidders, Minimum Eligibility Criteria - 2.2).b)1. Manufacturer’s manufacturing license / Distributor appointment letter to do the business as per tender.

SECTION – I - 22 Evaluation and Comparison of Bids - 22.2.i. cost of transportation, insurance and other costs incidental to the delivery of equipment; todesignated delivery destination and installation and handing over the same to the Purchaser, at IMCH, Govt. Medical College, Kozhikode, Kerala. |

All other terms and conditions in the original Tender Notice and tender documents remain same and unchanged.

JGM (Materials)