Date: -14th July, 2017

Corrigendum
For
Tender for
Harmonic Vessel Sealing System for the Department of Pediatric Surgery

NIT Issue Date	**:**	**11th May, 2017**
NIT No.	**:**	**Admn/Tender/100/2017-AIIMS.JDH**
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Bid opening	**:**	**03rd August, 2017 at 03:30 P.M**

The following revised and additional specification will be added:-

1. **Page No. 10, In Technical Specification, Toggle Button No. 1:**
   For
   System should be a single generator that provides Ultrasonic Energy and Advanced RF energy technology for soft tissue dissection and vessel sealing.
   Read:
   The system should have generator that provides Ultrasonic energy and Advanced RF energy technology for soft tissue dissection and vessel sealing.

2. **Page No. 10, In Technical Specification, Toggle Button No. 4:**
   For
   System should be European CE/ US FDA approved.
   Read:
   The system should be European CE and UD FDA approved.

3. **Page No. 10, In Technical Specification, Toggle Button No. 5:**
   For
   System should have a touch screen display for fast and set up, operation and on screen diagnostics.
   Read:
   Deleted

4. **Page No. 10, In Technical Specification, Toggle Button No. 6:**
   For
   System should have the ability for software updates via USB memory stick.

Read:
The system should have ability for software updates in future.

5. **Page No. 10, In Technical Specification, Toggle Button No. 10:**
   For
   System should have the ability to select handswitch or footswitch activation or both for Ultrasonic and advanced RF energy instruments and the ability to change selection during use.
   Read:
   The system should have the ability to activate through handswitch and footswitch for Ultrasonic and advanced RF energy instruments.

6. **Page No. 10, In Technical Specification, Toggle Button No. 14:**
   For
   System should be able to power ultrasonic energy instruments with 55.5 KHz frequency and have the ability to power ultrasonic energy instruments in the frequency range of 30-80 KHz in future.
   Read:
   System should be able to power ultrasonic energy instruments with frequency of 47 to 57 KHz and have the ability to power ultrasonic energy instruments in the frequency range of 30-80 KHz in future.

7. **Page No. 10, In Technical Specification, Toggle Button No. 15:**
   For
   The hand piece for the system should come with an inbuilt transducer.
   Read:
   The hand piece for the system should come with an inbuilt/ separate transducer.

8. **Page No. 10, In Technical Specification, Toggle Button No. 17:**
   For
   System should be compatible with both 5mm and 10mm instruments.
   Read:
   System should be compatible with both 5mm and 10/9 mm instruments.

9. **Page No. 10, In Technical Specification, Toggle Button No. 18:**
   For
   System should have at least 5 power settings levels with power level display for ultrasonic energy instruments.
   Read:
   The system should have at least 3 power settings levels with proper display for ultrasonic energy instruments.

10. **Page No. 10, In Technical Specification, Toggle Button No. 19:**
    For
    System should be able to power energy instruments with microprocessor controlled bipolar electrosurgical radiofrequency technology with a quasi-sinusoidal forced impedance output.
    Read:
    The system should be able to power energy instruments with microprocessor controlled bipolar electrosurgical radiofrequency technology with impedance output.

11. **Page No. 10, In Technical Specification, Toggle Button No. 22:**
    For
    System should be equipped with advanced RF energy technology that provides temperature controlled energy delivery which should maintain tissue temperature approximately at 100 degree Celsius.
    Read:

The system should be equipped with advanced RF energy technology that provides temperature controlled energy delivery that should maintain minimum tissue temperature maximum 100 degree Celsius.

12. **Page No. 10, In Technical Specification, Toggle Button No. 23:**
    For
    System should have Advanced RF Energy hand instruments with a unique electrode configuration to minimize the lateral thermal spread.
    Read:
    Deleted

13. **Page No. 10, In Technical Specification, Toggle Button No. 27:**
    For
    System should be able to seal & cut up to 7 mm vessels with ultrasonic energy technology.
    Read:
    The system should be able to seal & cut up to 7 mm vessels with ultrasonic energy technology/ advanced RF technology.

14. **Page No. 10, In Technical Specification, Toggle Button No. 28, Accessories, Sub Point No. 1:**
    For
    System should comprise of the following – Transducer.
    Read:
    The system should be supplied with required transducer for open and laparoscopic surgery.

15. **Page No. 10, In Technical Specification, Toggle Button No. 28, Accessories, Sub Point No. 2:**
    For
    System should comprise of the following – Generator cart.
    Read:
    The system should be supplied with generator cart from the OEM.

16. **Page No. 10, In Technical Specification, Toggle Button No. 28, Accessories, Sub Point No. 3:**
    For
    Adaptors for ultrasonic and advanced RF energy instruments
    Read:
    Adaptors for ultrasonic and advanced RF energy instruments, if required.

17. **Page No. 10, In Technical Specification,** Toggle Button No. 29, Sub Point No. 1:
    For
    Hand probes of 5mm shaft diameter for laparoscopic procedures with round tip (5mm tip width) with shaft length 35cm with 55 degree articulation each side and should be both hand & foot activated, device should be able to simultaneously cut and coagulate tissues- 6 pieces
    Read:
    Hand probes of 5mm shaft diameter for laparoscopic procedures with shaft length 35cm with or without 55 degree articulation each side and should be both hand & foot activated, device should be able to simultaneously cut and coagulate tissues- 6 pieces

18. **Page No. 10, In Technical Specification, Toggle Button No. 30, Sub Point No. 1:**
    For
    9cm shaft & 17 cm shaft, curved, tapered tip for precise dissection, seals 5 mm vessels, as well as lymphatic with16 mm active blade & 240-degree activation, triggers support multiple hand positions – 6 Pc Each
    Read:

9/10 cm shaft & 17/20 cm shaft, curved, tapered tip for precise dissection, seals 5 mm vessels, as well as lymphatic vessels – 6 pieces each

19. **Page No. 10, In Technical Specification, Toggle Button No. 30, Sub Point No. 2:**
    For
    5mm Hand Activated Curved Coagulating Shears capable of sealing blood vessels upto 5mm in diameter with 23 cm shaft length, ergonomic handle – 6 Pc
    Read:
    5mm Hand Activated Curved Coagulating Shears capable of sealing blood vessels upto 5mm in diameter with 20/23 cm shaft length, ergonomic handle – 6 pieces

20. **Page No. 10, In Technical Specification, Toggle Button No. 30, Sub Point No. 3:**
    For
    5mm Hand Activated Curved Coagulating Shears capable of sealing blood vessels up to 7mm in diameter with 36cm shaft length with adaptive tissue technology, ergonomic handle- 3 Pc
    Read:
    5mm Hand Activated Curved Coagulating Shears capable of sealing blood vessels up to 7mm in diameter with 35/36cm shaft length with adaptive tissue technology/ intelligent tissue management, ergonomic handle- 3 pieces