Date: - 16th February 2019

Corrigendum
For
Ultrasonic Scalpel for the Department of Surgical Gastroenterology

NIT Issue Date	**:**	**1st November, 2018**
NIT No.	**:**	**Admn/Tender/131/2018-AIIMS.JDH**
Pre-Bid Meeting	**:**	**14th November, 2018 at 05:00 PM**
Earlier Last Date of Submission	**:**	**14th February, 2019 at 03:00 PM**
Extended Last Date of Submission	**:**	**28th February, 2019 at 03:00 PM**
Bid opening	**:**	**01st March, 2019 at 03:15 P.M**

The following revised and additional specification will be added:-

1. **Page No. 10, S. No. 6:** System should have the ability for software updates via USB memory stick.
   Read: System should have the ability for software updates either via USB memory stick or any other method.

2. **Page No. 10, S. No. 7:** System should be a single generator that provides Ultrasonic energy and Advanced RF energy technology
   Read: System should be a single or dual generator that provides Ultrasonic energy and Advanced RF energy technology

3. **Page No. 10, S. No. 19:** 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 KHz or more.

4. **Page No. 10, S. No. 23:** System should have at least 5 power settings levels with power level display for ultrasonic energy instruments.
   Read: System should have 3 or more power settings levels with power level display for ultrasonic energy instruments.

5. **Page No. 10, S. No. 24:** System should be able to power energy instruments with microprocessor controlled bipolar electrosurgical radiofrequency technology with a quasi-sinusoidal forced impedance output
   Read as: System should be able to power energy instruments with microprocessor controlled bipolar electrosurgical radiofrequency technology with a quasi / sinusoidal forced impedance output

6. **Page No. 11, S. No. 30:** System should have Advanced RF Energy hand instruments that provide tissue / vessel seal strength to withstand bursting pressure of 7 times the systolic pressure.
   Read as: System should have Advanced RF Energy hand instruments that provide tissue / vessel seal strength to withstand bursting pressure of 3 times or more the systolic pressure.

7. **Page No. 11, S. No. 32:** System should be able to power advanced RF energy hand instruments of 5mm shaft diameter for both open & laparoscopic procedures with round tip (5mm tip width) in the following shaft lengths (14cm, 25cm, 35cm & 45cm) and should be both hand & foot activated.
   Read as: System should be able to power advanced RF energy hand instruments of 5mm shaft diameter for both open & laparoscopic procedures with round tip (5mm tip width) in the following shaft lengths (14cm or more, 35cm or more) and should be both hand & foot activated.

8. **Page No. 11, Sub heading- Open Surgery Instruments, S.No.-1**
   9cm shaft, curved, tapered tip for precise dissection, seals 5 mm vessels, as well as lymphatic with 16 mm active blade & 240- degree activation, triggers support multiple hand positions
   Read as: 9cm or more shaft, curved, tapered tip for precise dissection, seals 5 mm or more vessels, as well as lymphatic with 16 mm active blade & 360- degree activation, triggers support multiple hand positions

9. **Page No. 11, Sub heading- Open Surgery Instruments, S.No.-2**
   17cm 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.
   Read as: 17cm or more shaft length, curved/ straight, tapered tip for precise dissection, seals 7 mm vessels, as well as lymphatic with16 mm active blade & 360 degree activation, triggers support multiple hand positions

10. **Page No. 11, Sub heading- Open Surgery Instruments, S.No.-3:**
    5mm Hand Activated Curved Coagulating Shears capable of sealing blood vessels upto 5mm in diameter, 23 cm shaft length, ergonomic handle
    Read as: Omit

11. **Page No. 11, Sub heading- Open Surgery Instruments, S.No.-4:**
    Curved Blade having telescoping shaft (10cm-14cm) with integrated hand activation control buttons.
    Read as: No change

12. **Page No. 11, Sub heading- Open Surgery Instruments, S.No.-5:**
    Dissecting Hook having telescoping shaft (10cm-14cm) with integrated hand activation control buttons
    Read as: No Change

13. **Page No. 11, Sub heading- Open Surgery Instruments, Point No.-6:**
    Combination Hook Blade, 10cm long
    Read as: No change

14. **Page No. 11, Sub heading- Laparoscopic Surgery Instruments, Point No. 1:**
    5mm Lap Hand Activated Curved Coagulating Shears capable of sealing blood vessels upto 5mm in diameter, 36 cm and 45 cm shaft length, ergonomic handle.
    Read as: 5mm Lap hand activated curved/ straight coagulating shears capable of sealing blood vessels upto 7 mm in diameter, 35/ 36 cm and 40/45 cm shaft length, ergonomic handle.

15. **Page No. 11, Sub heading- Laparoscopic Surgery Instruments, Point No. 2:**
Hand probe with 5mm shaft diameter with 110 degrees of articulation with 360 degree of shaft rotation with straight tip in the following shaft length 35 cm and seals and transect vessels up to 7mm.Both open and lap devices should be having temperature controlled mechanism within the jaw controlling temperature below 100 degree Celsius.
Read as: Hand probe with 5mm shaft diameter with 360 degree of shaft rotation with straight tip in the following shaft length 35 cm and seals and transect vessels up to 7mm.Both open and lap devices should be having temperature controlled mechanism within the jaw controlling temperature below 100^0 Celsius.

16. **Page No. 11, Sub heading- Laparoscopic Surgery Instruments, Point No. 2:**
5mm Lap Dissecting Hook, 32 cm long.
Read as: No change

QUANTITY OF PROBES:

17. **Page No. 11, Sub heading- Accessories: Point no.-1**
Hand piece (Both open and lap.)- 2 pcs
Read as: Hand piece (Both open and lap): **Quantity- 4 Nos (Two each).**

18. **Page No. 12, Sub heading- RF energy instruments: Point No. 1**
Hand probes (Six each) of 5mm shaft diameter for both open & laparoscopic procedures with round tip (5mm tip width) in the following shaft lengths (14cm, 35cm) and should be both hand & foot activated. Both open and lap devices should be able to simultaneously cut and coagulate tissues
Read as: Hand probes (One each) of 5mm shaft diameter for both open & laparoscopic procedures with round tip (5mm tip width) in the following shaft lengths (14cm or more, 35cm or more) and should be both hand & foot activated. Both open and lap devices should be able to simultaneously cut and coagulate tissues. **(Total quantity- 2)**

19. **Page No. 12, Sub heading- RF energy instruments: Point No. 2**
Hand probes of 5mm shaft diameter for laparoscopic procedures with round tip (5mm tip width) in the following shaft length 35cm and should be both hand & foot activated with 110^0 articulation (55^0 each side). Lap devices should be able to simultaneously cut and coagulate tissues – **Quantity – 2 pieces**
Read as: No change.

20. **Page No. 12, Sub heading- Ultrasonic energy instruments: Point No. 3:** 9cm 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 – 3 Pc
Read as: 9cm or more shaft, curved, tapered tip for precise dissection, seals 5 mm vessels, as well as lymphatic with16 mm active blade & 360-degree activation, triggers support multiple hand positions – **Quantity- 2 Pc**

21. **Page No. 12, Sub heading- Ultrasonic energy instruments: Point No. 3:** 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 – 3 Pc
Read as: 17 cm or more shaft, curved, tapered tip for precise dissection, seals 5 mm vessels, as well as lymphatic with16 mm active blade & 360-degree activation, triggers support multiple hand positions – **Quantity- 2 Pc**

22. Curved Blade having telescoping shaft (10cm-14cm) with integrated hand activation control buttons- **Quantity-1 pcs**

23. Dissecting Hook having telescoping shaft (10cm-14cm) with integrated hand activation control buttons- **Quantity-1 pcs**

24. Combination Hook Blade, 10cm long- **Quantity-1 pcs**

25. Page No. 12, Sub heading- Ultrasonic energy instruments: Point No. 4: 5mm Hand Activated Curved Coagulating Shears capable of sealing blood vessels upto 5mm in diameter with 36 cm shaft length, ergonomic handle – 6 Pc
Read as: 5mm Hand Activated Curved Coagulating Shears capable of sealing blood vessels upto 5mm in diameter with 35 / 36 cm shaft length (Quantity-2) and 40/45 cm shaft length (Quantity 1), ergonomic handle- **Quantity – 3 Pieces**

26. Hand probe with 5mm shaft diameter with 360 degree of shaft rotation with straight tip in the following shaft length 35 cm and seals and transect vessels up to 7mm.Both open and lap devices should be having temperature-controlled mechanism within the jaw controlling temperature below 100^0 Celsius. **Quantity – 1 pieces.**

27. Page No. 12, Sub heading- Ultrasonic energy instruments: Point No. 5: 5mm Lap Dissecting Hook, 32cm long- 1 Pc
Read as: 5mm Lap Dissecting Hook, 32cm long- **Quantity- 1 Pc**