

RE-TENDER

OFFICE OF THE SUPERINTENDENT
J.N. MEDICAL COLLEGE HOSPITAL
ALIGARH MUSLIM UNIVERSITY,
ALIGARH

No. Ext/MCH/SHKB

Dated 17/8/2019

M/s.....

Sealed Quotation/Bids (one Technical and one Financial separately) are invited from Manufacturer or their authorized dealers for the following items which should be sealed by the tenderers in separate covers duly super scribed and both these sealed covers are to be put in a bigger cover, which should also be sealed and duly super scribed, on the terms and conditions as mentioned on page No.02

Quotation should reach this office on or before 31/08/2019 by 12:00Noon. & will be open on 02/09/2019

Specification for Saline Plasma Bipolar, Vessel sealing & Electrosurgical Diathermy

1. Unit should have microprocessor controlled tissue feedback technology (Microprocessor controlled 6SENSE technology with Sampling rate above 4000 sense/second)
2. It should adjust power level automatically depending on tissue type.
3. Unit should have Combo Generator Technology having conventional ESU, Saline Plasma Bipolar Module and Vessel Sealing System.
4. Unit should suitable to do TURP in Saline with Monopolar TURP Set with Isolated Bipolar Sheath.
5. Unit should have Dedicated Vessel Sealer output with FIVE different sealing level programs.
6. Unit should have the capacity to seal the tissue vessel up to 7mm in diameter.
7. Sealing output should be in pulse mode sinusoidal current to control thermal spreading less than 3mm.
8. Unit should give an alarm after completion of sealing cycle & auto stop power.
9. System should give an alarm if the tissue is not hold properly in sealer mode
10. Unit should have independent display & activation for Bipolar Cut & Bipolar Coag when operate in Vessel Sealing Mode.
11. It should have digital display, which should indicate true power in bipolar mode and Level in seal mode.
12. Unit should supplied with 5 mm reusable/autoclavable instrument.
13. It should complete self testing during power on.
14. Unit should have error code function for fault conditions.
15. It should accept dual area and single area patient return electrode.
16. It should accept Disposable and as well as Reusable Patient Plate.
17. It should be upgradeable for Argon delivery module
18. It should have at least THIRTY user programs, TEN User settable & TWENTY Presented Programs for different surgical procedures.
19. It should have Alarm facility after completion of bipolar coagulation.
20. Unit should operate from 180 V to 260 V without using external stabilizer.
21. It should have independent foot switch for Monopolar and Bipolar functions.
22. Product should be CE devices marked & 93/42/EEC Medical directive certified.
23. It should have IEC-60601-1-1, IEC 60601-2-2 safety and design standards Certification & ISO 9001: 2008 & ISO 13485:2003 certified Company.
24. Unit with following **Saline Plasma Bipolar** technical specifications.
 - A) Saline Plasma Bipolar Cut: 300 W, CF-1.5, 460 KHz.
 - B) Saline Plasma Bipolar Coag : 120 W, CF-1.5, 460 KHz.
25. Unit with following **Sealer Mode** technical specifications.
 - B) FIVE Level Seal: 150 W, at 100 Ohms, 4.2 Amp, CF-1.5, Vpeak-peak-280V, 460 KHz.
 - B) Bipolar Cut/Macro : 120 W at 100ohms, 2.1 Amp, CF-1.5, Vp-p-370V, 460 KHz.
 - F) Bipolar Coag/ Micro : 120 W at 100ohms, 2.1 Amp, CF-1.5, Vp-p-170V, 460 KHz.
 - G) Bipolar Coag Alarm: Gives audio indication when tissue gets coagulated reduces charring, tissue over coagulation & tissue sticking to forceps.
 - H) Bipolar Cut: Macro mode can be effectively used for bipolar cutting with hooks & other cutting devices in laparoscopic surgery.

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Medical Superintendent
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