



Notice Inviting e-Tender

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Procurement of Medical Equipment and Urology Instruments set for Burdwan Medical College and Hospital, Purba Burdwan.
(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-572/2023

Dated-20.09.2023

Amendment-I

REVISED TECHNICAL SPECIFICATION

ITEM-1

High-frequency surgery units for resection

1. Microprocessor based unit, modular construct, custom configurable, Facility with plug and play feature using digital instrument recognition and high resolution colour TFT display with supporting functions like focus view/ preview for better patient safety and instrument usage counter, **Software and Hardware upgradable with latest model.**
2. Output rating of 300 Watts under standard testing conditions.
3. The unit should be able to store minimum 100 Programmes with various settings. Programmable programs are to be available.
4. Monopolar cutting and coagulation.
5. Should have Bipolar Auto Start and Auto Stop facility.
6. The unit shall have Protective circuit and alarm system for the disconnection for patient plate.
7. It should utilize Tissue Density feedback circuitry & Microprocessor based controlled output for Automatic response to changes in tissues density.
8. To be supplied with two pedal Footswitch, separate for cut and coagulation.
9. Power output should be automatic depending on the tissue impedance.
10. Separate control to change the output voltage in steps.
11. Arc regulation should be available in the unit to provide the initial high power spike required for smooth cutting.
12. Suitable accessories, if required should be quoted.
13. Should be suitable for all surgeries with Bipolar cut and Coagulation.

14. Should be able to support both monopolar and bipolar TURP / TURBT
15. Equipment should be European CE/ US FDA / BIS / CDSCO Certified.
16. The unit must be UL Certified for patient safety.
17. The unit should confirm to IEC 60601-2-2 standard.
18. All Accessories should be from same Manufacturer

Following Accessories to be supplied along with the Unit

1. Two Pedal Footswitch.
2. Single Pedal Foot Switch.
3. Mono polar **hand** switch with two buttons, Disposable (Qty-**50**).
4. Reusable Bipolar Forceps, straight tip 1mm, Blunt, Length 190mm (Qty-1).
5. Reusable Bipolar connecting cable for Bipolar Forceps, 4mts (Qty-1).
6. **Reusable monopolar connecting cable for TURP / TURBT (Qty-1).**
7. **Disposable** Patient plate with equipotential ring and cable (Qty-50).
8. Optional upgrade for Vessel Sealing.

ITEM-2

1. Forceps for removal of foreign bodies of 5Fr each and 7Fr each with double action jaws, flexible, length 40 cm for Cystoscope – (Qty. – 2 each)
2. Sachse Urethrotome sheath, **20- 22** Fr with channel. (Qty.-1 each)
3. **Visual** Obturator for urethrotome sheath. (Qty.-1 each)
4. Telescope Bridge for used with urethrotome sheath with 5 fr channel for instrument. (Qty.-1 each)
5. Supplementary Sheath, side open for introduction of balloon catheter, to slip on urethrotome sheath. (Qty.-1 each.)
6. Sachse cold knife, straight. (Qty-3)