

Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited
Swasthya Sathi
GN-29, Salt Lake, Sector-V
Kolkata-700091

Phone No (033) 40340307/40340308

E mail: procurement@wbmsc.gov.in

SUPPLY OF CARDIO THORACIC VASCULAR SURGERY (CTVS) EQUIPMENTS IN THE HOSPITALS
AND MEDICAL COLLEGES OF THE GOVERNMENT OF WEST BENGAL.

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-41/2016

Dated-13.07.2016

3rd call of tender no. WBMSCL/NIT-44/2015, dated: 09.12.2015

The following amendments have been made in the tender document,

Amendment – I (Revision of Technical Specification)

The revised technical specifications for the item is given below,

Advance Coagulation System

Micro-processor based isolated electro surgical diathermy unit compatible with Argon Coagulator system, designed for all open and laparoscopic surgeries with monopolar and bipolar modes.

1. Highest power efficiency rating
2. Real time tissue impedance monitoring technology to deliver the selected power perfectly into a wide range of tissue types reducing thermal spread, RF interference and Neuro muscular stimulation and sparks.
3. Monitoring and alert for return electrode contact.
4. Facilitating two surgeons simultaneously during a surgery.

5. Numeric Error system inbuilt.
6. With a single button, previous power setting can be recalled.
7. Type CF Equipment (IEC 601-1 & IEC 601-2-2) Defibrillator Proof
8. CE & US FDA approved product.
9. Facilitating Under water cutting with coagulating.
10. Spray mode with Highest Crest Factor (7.4-15)
11. Compatible with Smoke Evacuator system, Argon Plasma Coagulator system and CUSA Auto self test, recall for last settings.

Control by pencil switch or foot switch with protection to recognize COAG

Operative modes have identification by different audio tones and different panel lights.

12. Should be useful for Video Assisted Thoracoscopic Surgery.
13. Following consumable items are to be supplied along with machine,
 - a) Long Spatula Electrode-150 nos.
 - b) Disposable pad-100 nos. (Adult-60 nos., Paediatric-30 nos. & Neonates-10 nos.)
 - c) Pencil with electrode-100 nos.
 - d) Reusable Bipolar Forceps-20 nos.
 - e) Disposable Bipolar Cable-100 nos.

14. After the use of the consumables mentioned at point no. 13 above, the indicative consumption of various consumable for next 5 years is noted in the table below,

Sl. No.	Item (pack size to be consider)	Qty. (in number)
1.	Long Spatula Electrode	3000
2.	Disposable pad for Adult	1800
3.	Disposable pad for Paediatric	900
4.	Disposable pad for Neonates	300
5.	Pencil with electrode	3000
6.	Reusable Bipolar Forceps	100
7.	Disposable Bipolar Cable	3000

The consumables would be procured by the end user in staggered manner in the next 5 years after the commissioning of the equipment.

Bidder should quote rates for each of the consumables in the BOQ. The cost of the consumables will also be considered in the financial evaluation of the bid.

Output Characteristics

Bipolar

Low/Precise : 350 -470 KHZ sinusoid

Force/Standard: 350 -470 KHZ sinusoid

Soft/Macro: 350 -470 KHZ sinusoid

Monopolar Cut

Low: 350 -400 khz sinusoid. Similar to the pure cut mode except the maximum voltage is limited to a lower value.

Pure: 350 -400 khz sinusoid.

Blend: 350 -400 khz sinusoid. recurring at 27 khz intervals, 25 - 50% duty cycle envelope

Monopolar Coag

Desiccate : 220 -400 khz sinusoid

Fulgurate : 350 -400 khz damped sinusoidal bursts

Spray : with 350-400 khz damped sinusoidal bursts

Amendment – II

The BOQ has been replaced