



Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited
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SUPPLY AND COMMISSIONING OF MEDICAL EQUIPMENTS (SET-II) FOR FORTRAUMA CARE FACILITIES AND BRGF HOSPITALS FOR THE HOSPITALS AND MEDICAL COLLEGES OF THE GOVT. OF WEST BENGAL

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT- 63/2017

Dated -22.09.2017

The following amendments have been made in the tender document. The changes are highlighted in yellow in the document below,

SCHEDULE – III

Surgical Diathermy

1. It should be a multipurpose Electro Surgical generator, having both Monopolar & Bipolar coagulation and Monopolar and Bipolar cutting
2. Automatic Power Regulation
3. Automatic response to change in tissue impedance resulting in minimal thermal damage
4. Digital Display for power settings
5. 3 different modes of Monopolar Coagulation
6. Soft/desiccade, forced/fulgrade and spray coagulation
7. Bipolar Coagulation with/without auto start facility
8. 1 or more programmable power settings on front panel can be saved and recalled for various applications
9. Monopolar cut: From 1 to 300 watts or more in increment of 1 watt

10. Bipolar Coagulation: From 1 to 40 watts in increment of 1 watt
11. Max. HF voltage (Bipolar cut) 700V peak to peak
12. Safety class & type (IEC 601.1)
13. It should have soft, spray and forced coagulation in Monopolar coagulation mode with the following outputs.
14. Soft /desiccade - 50 watts or more at 200 ohms
15. Settings from 1 to 50 watts in increment of 1 watt
16. Spray - 50 watts at 300 ohms
17. Settings from 1 to 120 watts in increment of 1 watt
18. Forced/fulgrade - 120 watts at 300 ohms
19. Setting from 1 watts to 120 watts in increment of 1 watt
20. Output power indication by 3 digit display
21. Output power limitation: 1 watt increment
22. Should have automatic patient plate detector, which indicates the absence of neutral electrode by LED with acoustic alarm when activated.
23. Time Limit: LED glows if activated for more than 10 sec and shuts off the HF Power after total 15 sec
24. Exact Power limitation automatically controlled.
25. Maximum power consumption 800 VA Max
26. Length/Breadth/Height - 430/440/175 mm
27. Weight - 12.5 Kg Max
28. Impact line voltage 230 V + 15%, 50 Hz
29. Equipment Classification Degree of mobility for portable
30. Power Supply:
 - 30.1. Power input to be 220 -240 V AC, 50 Hz.
31. Standards, Safety And Training:
 - 31.1. Should be FDA and CE approved product.
 - 31.2. All accessories should be US FDA approved product
 - 31.3. Manufacturer should have ISO certification for quality standards.
 - 31.4. On Site Comprehensive training for staff and support services till customer satisfaction with the system.
32. Documentation:
 - 32.1. User/Technical/Maintenance manuals to be supplied in the English.
 - 32.2. Certificate of calibration and inspection.
33. 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.

34. After the use of the consumables mentioned at point no. 34 above, the rate for the following items should be quoted in Form 9a & 9b respectively for future use.]

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

If any other consumables which are not included in the above list, but require for patient treatment, (if any) also to be in the above mentioned forms respectively.