



Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited
Swasthya Sathi
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Kolkata-700091

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Supply and Commissioning of 02 (Two) unit of defibrillator with accessories
for Department of OT and Neuro ICU at Bangur Institute of Neurosciences
(BIN) -Annex-I of IPGME&R-SSKM Hospital, Kolkata

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-292/2024

Dated-21.05.2024

AMENDMENT-I

REVISED TECHNICAL SPECIFICATION Defibrillator Machine with Accessories

1. Biphasic, manual and AED with voice prompt, compact and light weight
2. Energy selection 2J TO 200J in steps
3. Momentary energy selection access on frontal panel
4. Should have adult and paediatric paddles integrated on same handle
5. Momentary charge key on front panel and on apex hand
6. Monitor 5" or more should display selected and delivered energy **in print paper**
7. Should have disarm facility
8. Energy should have been delivered within (30-60) ms after the detected R wave in synchronized mode
9. Changing time maximum 7 sec or less for 200 J
10. Should have battery backup (3to 4 hrs) for 50 discharges of 200 J
11. Should have ECG inputs through paddles or 3 lead cables
12. Should have display for selected ECG input sources (I, II, III paddles)

13. Lead off message should appear with alert tone
14. Amplitude gain of ECG waveform should be adjustable
15. Should have display of heart rate
16. Should have alarm for high and low HR
17. Should have an in built thermal recorder-paper size 50/60mm, paper 25mm/sec
18. Should have enable/disable option for printer
19. Should supply 2 bottles of jelly, 12 roll of thermal paper
20. Should supply 6(pairs) of AED pads
21. Should operate on mains 230V, 50Hz
22. External/ integrated pacing facility with 6(six) pairs of pads
23. 100 Pcs. chest electrodes should be supplied with the machine.
24. Trolley should be supplied with the machine (SS-304)
25. Data transfer facility should be available
26. Environmental factors:
 - a. The unit shall be capable of being stores continuously in ambient temperature of 10-40°C & relative humidity of 15-90%
 - b. Shall meet IEC 60601-1-2:2001(or Equivalent BIS) general requirements of safety for electromagnetic compatibility.
 - c. The unit shall be capable of being stores continuously in ambient temperatures of 10- 40°C & relative humidity of 15-90%
27. Power backup:
 - a. Power input: 220-240V/50Hz single phase or 380-400V AC 50HZ three phase fitted with appropriate Indian plug sockets.
28. Safety and standards:
 - Certification : European CE (4 digit notified body) / USFDA / BIS approved
 - Electrical safety conforms to standards for electrical safety IEC-60601/IS-13450
 - Manufacturer should have ISO certification for quality standards