



Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited
Swasthya Sathi
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Kolkata-700091

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Procurement of different medical equipment for COVID 19 Hospitals and Medical Colleges of the State of West Bengal.

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL /NIT-116/2020

Dated –23.07.2020

The following amendment have been made in the tender document,

Amendment –I (Revision of Technical Specification)

The revised technical specifications for the item is given below,

Defibrillator (with) monitor

1. Biphasic, Manual and AED with voice prompt, compact and light weight
2. Energy selection 5J to 200J in steps
3. Momentary energy selection access on frontal panel
4. Should have adult and pediatric paddles integrated on same handle
5. Momentary charge key on front panel and on the apex hand
6. Monitor **5" or more** should display selected and delivered energy
7. Should have disarm facility
8. Energy should be delivered within 30ms after the detected R wave in synchronization mode
9. Charging time maximum 5 sec for 200J
10. Should have battery backup (3 to 4 hrs) for 50 discharges of 200J
11. Should have ECG inputs through paddles or 3 lead cables
12. Should have display for selected ECG input source (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 for heart rate
16. Should have alarm for high and low HR
17. Should have an inbuilt thermal recorder-paper size 50/60 mm, paper speed 25 mm/sec
18. Should have enable / disable option for printer
19. Should supply 2 bottle of jelly, 12 roll of thermal paper
20. Should supply three pairs of AED pads
21. Should operate on mains 230 V, 50 Hz
22. External pacing facility
23. Environmental Factors:
 - 23.1. The unit shall be capable of being stored continuously in ambient temperature of 10 – 40°C & Relative Humidity of 15 – 90%
 - 23.2. Shall meet IEC – 60601 – 1 – 2:2001 (or Equivalent BIS) general requirements of safety for electromagnetic compatibility
 - 23.3. Shall be capable of operating continuously in ambient temperature of 10 – 40°C and Relative Humidity of 15 – 90%
24. Power Back-up:
 - 24.1. Power input: 220 – 240V / 50Hz Single phase or 380 – 400V AC 50 Hz three phase fitted with appropriated Indian plugs and sockets
25. Standards, Safety & Training:
 - 25.1. Should be European CE ("Conformité Européene") approved having 4 (four) digit identification number or US FDA approved product.
 - 25.2. Electrical safety conforms to standards for electrical safety IEC – 60601 / IS – 13450
 - 25.3. Manufacturer should have ISO certification for quality standards
 - 25.4. Warranty for 2 years and provision of CMC for next 5 years