

Notice Inviting e-Tender

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SUPPLY OF PICU (PAEDIATRIC INTENSIVE CARE UNIT) EQUIPMENTS IN THE HOSPITALS AND MEDICAL COLLEGES OF THE GOVERNMENT OF WEST BENGAL.

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/ NIT-19/2015

Dated-03.06.2015

The following amendment has been made in the amendment II of the technical specification of Paediatric Defibrillator published on 15.06.2015,

Amendment – IV

SCHEDULE – IV

Paediatric Defibrillator

1. Operational requirements

- Defibrillator should be Bi-Phasic, light weight model
- Should monitor vital parameters and display them
- Should have 3 lead ECG facility.
- Should print the ECG on thermal recorders
- Should work on Manual and Automated external defibrillation (AED) mode, Manual selection upto 200 J or more.
- Should be capable of doing synchronized cardioversion & defibrillation.
- Can be operated from mains as well as battery
- Should have defibrillator testing facility

- Demonstration of the equipment is a must.

2. Technical specifications

- Should be a Low Energy Biphasic defibrillator monitor with Recorder, having capability to arrest all arrhythmia within a maximum energy of 200 Joules or more.
- Should monitor ECG through paddles, pads and monitoring electrodes and Defibrillate through pads and paddles. Should have Automatic Lead switching to see patient ECG through paddles or leads.
- Should measure and compensate for chest impedance for a range of 25 to 150
- Should have a built in 50mm strip printer / thermal recorder
- Should have charging time of 10 seconds for maximum energy. Charging indicator should be there.
- Should have bright electroluminescent / TFT display of screen size 5'' or more for viewing message and ECG waveform of 4 seconds
- Should have external paddles with paddles contact indicator – for good paddle contact. Both Adult and paediatric paddles should be available.
- Should have event summary facility for recording and printing at least 100 events and 50 waveforms
- Should have a battery capable of usage for at least 90 minutes or 30 discharges.
- Should be capable of printing Reports on Event summary, configuration, self-test etc.
- Should have facility for self-test/check before usage and set up function
- Should be capable of delivering energy in increments of 1-2 joules up to 30J and increments of maximum 50J thereafter
- Should have user friendly 1, 2, 3 color coded operation
- Necessary accessories and spares should be available
- Should be of US FDA and /or CE ("Conformité Européene")
- Should be supplied with stainless steel trolley.

3. Environment factors

- The unit shall be capable of operating continuously in ambient temperature of 10–40°C and relative humidity of 15 – 90%
- The unit shall be capable of being stored continuously in ambient temperature of 0– 50°C and relative humidity of 15 – 90%

4. Warranty & CMC

The machine and all other accessories should be under warranty for 2 years and followed by 8 years CMC.