



## Notice Inviting e-Tender

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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 –II (Updated Revision of Technical Specification)

The revised technical specifications for the item is given below,

#### Multi Channel Monitor

1. The monitor should have bright, highly visible minimum 10 inch LED screen colour display of minimum 800 X 600 line resolution for easy viewing from a distance.
2. Integrated modules for standard measurements to be provided with all the monitors are ECG, Heart Rate, Respiration Rate, SpO<sub>2</sub>, Arterial pressure, Central Venous pressure, Non Invasive blood pressure & Temp. SpO<sub>2</sub> measurement with NELLCORE / MASHIMO or **recognized equivalent** technology.
3. Modules should be colour coded to avoid inserting wrong cables, leads.
4. The monitor shall be able to mount on the wall with a battery backup of minimum two hrs. as well as on bed side trolley.
5. Should have the capability to display at least five (05) real-time waveforms along with related numerical parameters on a single screen.
6. The size of the numeric and waveforms should be adjustable to become larger for viewing from very long distance.

7. The monitor should have the capability to be operated through knob/touch screen or both.
8. Should have 5 lead ECG facility.
9. Should have advanced multi – lead arrhythmia analysis capability.
10. The monitor should have configurable screen configurations for various monitoring settings like emergency, general monitoring, 5 lead screens etc.
11. Trends recording for 24 hrs.
12. The monitor should have the facility to connect to central nursing station.
13. The monitor must have audio & visual alarms for the vital parameter specifically covering the range for the neonates.

**Standard Accessories should be supplied as standard:**

- ECG/Respiration ECG lead: 02 nos.
- ECG electrodes for paediatric: 10 nos.
- ECG electrodes for Adult: 10 nos.
- NBP Reusable cuff infant: 01 no.
- NBP Reusable cuff paediatric: 01 no.
- NBP Reusable cuff Adult: 01 no.
- NBP Hose for reusable cuff: 01 no.
- SpO2 sensor for neonates jack type with restrain: 01 no.
- SpO2 sensor for paediatric jack type with restrain: 01
- SpO2 sensor for adults: 01 no.
- Reusable Temperature probe for neonate: 01 no.
- Reusable Temperature probe for paediatric: 01 no.
- Reusable Temperature probe for Adult: 01 no.
- Wall mount to be provided: 01 no.

**Standards & Safety:**

- i). The product should be US FDA or CE (“Conformite Europeene”) from European Union notified body having 4 digit identification number approved (Certificate to be submitted).
- ii). It should have onsite service facility. The service provider should have necessary equipments recommended by the manufacturer to carryout preventive maintenance test as per guidelines provided in the service/ maintenance manual.
- iii). Warranty for 2 years and 5 years CMC after warranty.