



ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

Corrigendum & Date Extension

For

Invitation of quotation for Pulse Oximeter at

All India Institute of Medical Sciences, Jodhpur

Inquiry No.	:	Admin/Gen/89-04/2021-AIIMS.JDH.
Inquiry Issue Date	:	17 th March, 2022
Previous Last Date of Submission	:	23 rd March, 2022 at 03:00 PM.
Revised Last Date of Submission	:	28 th March, 2022 at 03:00 PM.

The following he following revisions / modifications is made:-

S. No.	Item name	Qty.
1.	Pulse Oximeter	01 Nos.

Revised Technical Specifications

1. Should have heart rate, saturation (SpO₂), ECG, RR, temperature, NIBP and IBP facility
2. Monitor should measure neonatal and pediatric patient's parameters.
3. Display should be maximum 6-6.3" TFT color antimicrobial, corning Gorilla Glass screen with auto rotation feature (It can change from portrait to landscape) with respect to gravity. Should have transport mountings so that it can be mounted on a transport trolley and strong handle making it comfortable to carry.
4. Can withstand bumps, bounces and every day rigor of transporting babies in a transport trolley. Can survive repeated fall from height of one meter i.e. it can absorb the shock due to a fall.
5. Can withstand any cleaning agents or aggressive disinfectants to make the display clean and sterile without damaging the monitor.
6. Weight should not be more than 3 kgs with battery.
7. Should have provision to work on both AC mains and battery (Li-Ion battery).
8. It should be a high resolution touch display with configurable screen layouts.
9. Rechargeable Li-Ion battery should be available with back up of minimum 5 hrs.
10. Monitor should have minimum 48 hrs of trend memory
11. Audio and visual alarms should be available
12. Monitor should have capability to be used as module/ server for high-end ICU monitors /modular monitors with facility to transfer patient data seamlessly to the main ICU monitor when patient is back on bedside after in-hospital/ out of hospital transportation.

13. Monitor should be able to display 12 leads of ECG simultaneously on screen through 5 lead cable. It should have minimum 5 waveforms channel display capability simultaneously.
14. **ECG**
 - a) 12 lead ECG through 5/6 Leads ECG cable.
 - b) Heart rate range 30-300 bpm, This should be the minimum range a range if wider than this is also acceptable.
 - c) Accuracy should be min. (+/-) 1 % and resolutions should be min. 1 bpm
15. **NIBP**
 - a) Oscillometric method, should be operate on manual , automatic and STAT modes
 - b) Can be used for neonatal and pediatric patients
 - c) Range should be 10-200 mmHg
16. **Respirations**
 - a) Range 0-100 rpm
 - b) Resolution should be minimum (+/-) 1 rpm
17. **Temperatures**
 - a) C & F selectable
 - b) Temperature range 25-45 degree C
18. **SPO2**
 - a) Masimo Signal Extraction Technology (SET) 0-100%
19. Monitor should have the facility for invasive BP monitoring
20. System should be European CE or US FDA approved
21. System should follow standard electrical norms and should be supplied with three pin plug (not two pin) with 240 VAC and 10-15 Amps
22. Should have local service facility and should have the necessary equipments to carry out preventive maintenance test
23. Onsite physical demonstration and training of the equipment to all the end users with all the requested facilities will be mandatory
24. List of essential spares, accessories, expendables and consumables expected to be used in should be quoted separately. Prices so quoted to be frozen for entire duration of warranty and CMC
25. Warranty for at least 2 years and CAMC for 5 years after warranty is over
26. Availability of spares for at least 10 years after date of installation
27. Monitor should able to withstand the temperature range from 0-50 degree C
28. Accessories should be supplied along with monitor
 - a) ECG 3 lead Trunk cable 01 no. along with pre-attached lead wire set (set of 3) – 20 nos.
 - b) SPO2 Neonatal wrap around sensor- 01 no.
 - c) NIBP disposable cuff along with size 1, 2 & 3 -- 10 nos. of each
 - d) Temperature Esophageal probe for infants/ neonates – 01 no.
 - e) NIBP Interconnect cable for disposable cuff – 01 no.

Note: -

- ❖ Catalog/ Brochure must be attached for Technical Evaluation.
- ❖ The supplier may be asked to arranging demonstration of their equipment for which rates have been quoted, to the AIIMS Jodhpur, if required. The expenditure incurred for demonstrating the items will be borne by the supplier.

**SD/-
AIIMS, Jodhpur**