

REQUEST FOR BUGETARY ESTIMATE

Ref.: HSCC-LHMC/Med. Eqpt./02 dt. 21.03.2023

HSCC (India) Ltd. intends to invite On-line bids from eligible bidders, in single stage two bid system for supply, installation, testing, commissioning & handing-over of various Medical Equipment for a Reputed Hospital in New Delhi for items Annexed at Annexure-I. The Technical Specifications are Annexed at Annexure-II.

It is requested to submit the Budgetary Quotation of the Equipments in Company Letter Head, as per the single page format enclosed at Annexure-III, in both Hard & Soft Copy within 20 days of issue of this Notice at following address:

Chief General Manager (Procurement)
HSCC (India) Ltd.,
E-6(A), Sector-1,
NOIDA (U.P.) – 201 301.

Soft copy may please be send on following e-mail ID:

hscclhmc6@gmail.com

GM (Proc),
HSCC (I) Ltd

LHMC EQUIPMENT LIST		ANNEXURE-I
Sl. No.	Equipment Name	Qty
1	Central Monitoring System (11 each for 5 ICU/HDU)	55

All bidders are requested to submit quotation within 20 days along with copy of PO of any Govt of same or similar supplied item.

<u>BUGETARY QUOTATION</u>	
1)	Sr. No. of Equipment:
2)	Name of Item:
3)	Model No.:
4)	Name of manufacturer Address:
5)	Contact Details of the Firm submitting Budgetary Quotation:
6)	Budgetary Cost of Equipment including 5 Years Warranty and All Taxes and Duties from Warehouse to consignee i.e. Delhi Rs. ----- per m/c Rs.----- for total m/c
7)	5 Years Comprehensive Maintenance Cost (Including GST) After Expiry of 5 Years 1 Year 2 Year 3 Year 4 Year 5 Year Total CMC of 5 years = Rs. -----per m/c Total CMC of 5 years = Rs. -----for total m/c
The Budgetary Cost of Equipment includes the following:	
1)	All Taxes & Duties on FOR basis.
2)	Insurance till installation.
3)	Inclusive of 5 years Warranty.
4)	Delivery - within 60 days from the date of issue of Purchase Order
5)	Installation within 30 days from the date of Delivery
6)	Cost inclusive of 3 rd Party Inspection by reputed Agencies i.e. SGS / Llyod / TUV / Bureau Veritas
NOTE:	


1. Please enclose a copy of Last Purchase Order for the same Model (preferably from a Govt. Institute).
2. Copy of Catalogue / Brochure / Product Data Sheet etc to be submitted.

(Sign & Stamp of Firm)

Technical Specifications for Integrated Automated Charting System with Advance Monitors

1. Should be suitable for adult, paediatric patient monitoring in fixed environment.
2. A true modular Monitor with facility to interchange modules or servers without need of any service Engineer with 17" and above touchscreen display with large fonts and provide access to minimum 6 or more waveforms with ergonomic representation of multi-functionality.
3. Monitor should have IT upgradable capabilities with access to web-based applications (like HIS, PACS, DICOM etc.)
4. Should be able to monitor ECG, NIBP, SpO2 (Masimo Technology), dual temperature and Dual IBP.
5. The monitor should be upgradeable to monitor 4xIBP, Mainstream/microstream EtCO2, Cardiac Output, Neuromuscular monitoring, Depth of sedation (prices to be quoted separately)
6. Should have basic arrhythmia detection for life-threatening alarms that include asystole, ventricular fibrillation, ventricular tachycardia and bradycardia and more.
7. Should have non-volatile graphic and tabular trending of all monitored parameters as standard for minimum 72 hrs.
8. Should have integrated transport monitor with battery backup of 180min and one-button disconnect and without additional modules or batteries and shall allow transport with all currently monitored parameters remaining active. The transport monitor should be touchscreen with minimum 6 inches screen size and should display 3 or more waveforms. The transport display shall automatically adjust its orientation using a gravitational sensor when it is rotated to a different view.
9. Should have manual as well as automatic setting of screen format with selectable parameter priority & colour selection for parameter on screen.
10. It should be USFDA/ European CE/ BIS approved for monitor as well as all parameters.
11. Should have Defibrillator and ESU protection, ECG Sync, IABP Interface (ECG and Arterial BP for triggering and deflation with a device delay of <20 millisecc).
12. Ready for wired networking.
13. Monitoring solution shall support at least sixteen (16) different display layouts & at least 03 for the transport monitor.
14. While using another application, the monitor configuration will always allow for continuous viewing of real-time parameter data.
15. 360-degree alarm bar & Rotary knob lights up when conformation for user selection is required.
16. Monitors must be upgradeable to connect to ventilator and should be able to display ventilator waveforms, parameters and loops.

Should have following parameters

17. ECG
 - 5 lead ECG monitoring with three leads of ECG waveform simultaneously monitoring.
 - Range 15 to 300bpm
 - Should have facility to display 12 leads of ECG by connecting 6/5 ECG lead wires (reduced lead set algorithm) as upgradation with max. lead positions as per standard lead placemen
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18. RESPIRATION
Capnography/ Impedance method
19. SpO2
- Should be supplied with Masimo SET
 - Should display digital value and plethysmograph
20. NIBP
- By oscillometric principle of measurement with step wise deflation.
 - Suitable for adult, paediatric , neonatal patients
 - Should have Systolic, diastolic, mean pressure in large easy to read display
 - Should have manual/ stat mode or automatic mode with adjustable time intervals from 2-240 minutes and adjustable alarm limits.
21. IBPs
- Simultaneous monitoring of 2 Invasive Pressure.
 - Range – 50 to 400mmHg
22. TEMPERATURE
- Temperature core and skin
23. Ten (10) Nos. of Modules of Mainstream EtCO2 with accessories to be supplied.
24. Continuous Cardiac Output with accessories – (Prices to be quoted separately)
25. Neuromuscular Monitoring with accessories – (Prices to be quoted separately)
26. Depth of Sedation (BIS/ Entropy) Monitoring with accessories – (Prices to be quoted separately)
27. Patient Monitoring supplying firm should have their own electronic charting solution to connect ventilator, syringe pumps along with monitor to convert ICU to completely paperless. Eleven (11) Nos. of monitors must be provided with charting solution for vitals charting. Prices to be quoted separately for ventilator & syringe pump integration of compatible model.
28. Monitor and Charting system must be from same make with minimum installation of monitors quantity equal to quantity in tender.
29. Rest all units are also ready to use Electronic Charting of same OEM.

Standard scope of supply must include:

1. Monitors – 55Nos.
2. Transport module – 55 nos. Transport module should be present with every monitor.
3. ECG, NIBP, SpO2 (Masimo Technology), dual temperature and Dual IBP – 55 Nos.
4. Modules/ Servers to measure Mainstream EtCO2 – 10 Nos.
5. 5-Lead ECG patient lead set – 55Nos.
6. 5-Lead ECG Trunk Cable – 55Nos.
7. SpO2 Finger Sensor Reusable (Adult & Paed) – 55 Nos. each
8. SpO2 Extension cable – 55Nos.
9. Temperature Probe – 55Nos. core and 55 skin
10. NIBP Hose – 55Nos.
11. NIBP Cuffs Reusable (Adult, Paediatrics, Medium & Large) – 55Nos. each
12. EtCO2 Sensor – 10Nos.
13. EtCO2 Airway Adaptor (Adult/ Paeds) – 10 Nos.
14. Wall Mounts Unit with Hanger
15. Instructions for use

SPECIFICATIONS FOR CENTRAL STATION – 05Nos.

1. Central station with possibility for 4 to 32 patient interface with single CPU.
2. Central station should be quoted with 19" display as standard.
3. Dual display should be possible specially with 12, 16 and 32 beds.
4. Central Station should display upto 4 waveforms per bed and possibility of all leads of ECG.
5. 2Hrs.full disclosure (waveform storage) for 4 continuous waveforms as standard feature. Expanding full disclosure to 24Hrs.
6. It should have clinical applications design to support patient assessment and clinical document such as calliper measurements, ST analysis & trend review.
7. Central station should have ability to connect to existing same make of patient monitors from company (i.e. mix of monitor models from same company).
8. Central station should have up to 72 hours of data storage during & after hospitalization of patients.

Standard scope of central station supply per unit must include:

- 19" or more display
 - Main Unit -01No.
 - UPS with 15mins. Backup
 - Networking should use good quality components from branded companies.
 - Laser Color Printer
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