



भारत सरकार / GOVERNMENT OF INDIA
डॉ राम मनोहर लोहिया अस्पताल, नई दिल्ली
DR. RAM MANOHAR LOHIA HOSPITAL, NEW DELHI
प्रापण विभाग/PROCUREMENT SECTION

F.No. Proc-11011(18)/182/2024-25 (E-20931) / 4056 NEW DELHI Dated the, 20/9/24

NOTICE

**Sub: Procurement of Advanced Cardiac Output Monitor with Cerebral Oximetry -
no for Deptt of Critical Care Medicine on Proprietary basis**

The hospital intends to procure Advanced Cardiac Output Monitor with Cerebral Oximetry -2 nos for Deptt of Critical Care Medicine manufactured by M/s Edwards Life Sciences LLC for this hospital on Proprietary basis from M/s Surgiking Medical Devices as per enclosed technical specifications

The technical specifications are being uploaded for open information to all manufacturers/supplies to submit objection/representation, if any. Comments on the above proposal may be submitted within 30 days to the Procurement Section, Dr. Ram Manohar Lohia Hospital, New Delhi from the date mentioned above, failing which it will be presumed that any other supplier is having no comment to offer and the case will be decided on merits. The comments/objections/representations to be submitted on the following points:

1. Whether the above system is manufactured by any other manufacturer other than M/s Edwards Life Sciences LLC
2. Fulfill all the parameters as per technical specifications.


C.M.O. I/c (PROCUREMENT)

E-20931

Advanced Cardiac output Monitor with Cerebral Oximetry

- It should have a touch screen with an active area of Approx. 12 inches.
- It should be able to provide Continuous Cardiac Output through a dedicated arterial sensor only when connected with a dedicated cable available separately.
- It should be able to give Continuous Cardiac Output, Stroke Volume (SV), Stroke Volume Index (SVI), Stroke Volume Variation, and Systemic Vascular Resistance (SVR) and Systemic Vascular Resistance Index (SVRI) when used with appropriate arterial line sensor. (upgradable)
- It should be able to provide Intermittent & Continuous Cardiac Output (ICO & CCO), Continuous Right Ventricular Ejection Fraction (RVEF), Continuous Right Ventricular End Diastolic Value (RVEDV, RVEDVI), Systemic Vascular Resistance (SVR, SVRI) & Pulmonary Vascular Resistance(PVR) when used with appropriate Swan Ganz Catheter or dedicated oximetry catheter.(upgradable)
- The monitor should be equipped with predictive technology to provide Hypotension Prediction Index (HPI) through a dedicated disposable A-line sensor.
- The monitor should also be equipped with a secondary screen to Provides clinicians with insights into potential factors for high hypotension probability
- The monitor must display additional parameter of dP/dt and E_d when using a dedicated disposable A-line sensor.
- It should be equipped with 3 expansion modules & 2 cable receptacles.
- It should have the capability of Non-invasive Cardiac Output technology through a dedicated finger cuff designed sensor with hypotension prediction capability.(Optional)
- Cerebral Oximetry technology with 5 wavelengths and 2.5cm depth penetration.
- It should have option of wired & wireless communication.
- It should have display capacity of at least 4 trend lines and 4 numerical display, optional physiology, and physio-relationship screen.
- It should have the option of providing dedicated perioperative goal-directed therapy (PGDT) screens and analytics.
- It should have the option of connectivity with hospital information system.
- It must save data for at least 72 hours.
- Must have screen shot and data download facility through any USB stick.
- It should have an HDMI, USB & ETHERNET port for various connectivity

Additional Terms and Conditions

- US FDA Approved and demo should be given once asked at the premises of the hospital
- Five year warranty form the date of Installation and post CMC for five year
- Compatible trolley stand is must
- Physical **ONSITE** Demonstration is a MUST.

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