

e -TENDER AMENDMENT

Reference Tender Enquiry No.:- NEIGR / S&P / OT / E –10A/2019-20 for processing of Advanced Cardiac Output Monitor, with 5 years warranty and thereafter 5 years CMC, for department of Anesthesiology

The following amendment /addendum are hereby being considered against the technical specification of the system:-

Point No.	Technical Specification	May be Read as
1	It should have a touch screen with active area of minimum 12 inch.	It should have a touch screen with active area of 10 inch or more
2	It displays intermittent & continuous hemodynamic measurement when used with appropriate disposable sensor.	IFM out serial port and HL7 /HMIS (open architecture) connectivity for both minimally invasive and noninvasive technologies. Any additional cost if required for interfacing /licensing issues will be borne by the manufacturer /bidder throughout the warranty & CMC period
3	It should be able to give Intermittent and Continuous Cardiac Output (ICO &CCO), Continuous Right Ventricle Ejection Fraction (RVEF), Continuous Right Ventricle End Diastolic Volume (RVEDV, RVEDVI), Systemic Vascular Resistance (SVR, SVRI) & Pulmonary Vascular resistance (PVR), when using Appropriate Pulmonary Artery catheter.	It should be able to give continuous Cardiac Output using continuous non invasive arterial pressure waveform, using "volume clamp and physical methods", obtained by placing a disposable cuff on an index finger, ring finger, or middle finger. <ul style="list-style-type: none"> • The cuff should not be placed on thumb or previously fractured fingers. • The Disposable Sensor should be able to give Continuous arterial pressure waveform when connected, on other bedside patient monitors. • The disposable finger cuff should be able to noninvasively monitor brachial artery pressure and other key hemodynamic parameters such as CO, SV, SVI, CI, SVV, MAP, DIA, SYS. • Real-time brachial Blood Pressure waveform should be displayed on the trend screen.
5	It should be equipped with 3 expansion module & 2 cables receptacles.	Delete
7	It should be scalable for future technology with APCO and Non- Invasive figure cuff Continuous Cardiac Output Technology.	It should be scalable for future technology with APCO
8	It Should have option of wired and wireless communication.	Delete
9	It should have hot swappable battery.	The system should have a Li-ion internal battery for an uninterrupted power supply. Battery status should be displayed on the monitor.
15	5 sets of Consumables (all sensors & catheters, cardiac output cable compatible with monitor) as may be required for installation, commissioning, start up and trial runs shall be supplied along with the equipment.	10 sets of Consumables related to noninvasive cardiac output monitoring & 2 sets of minimally invasive catheters and accessories shall be supplied along with the equipment for installation, commissioning, start up and trial runs.
	Add Additional Point at point no 16 under technical specification	The heart reference sensor should be able to compensate for potential errors due to differences in height b/w finger and heart level.
	Add Additional Point at point no 17 under technical specification	It should be able to give Cardiac output update every 20 Seconds.
	Add Additional Point at point no 18 under technical specification	It should be pole mountable, must have display capacity of at least 4 trend lines and 4 numerical display, optional physiology and physio-relationship screen, graphical trend, tabular trend, big numbers, cockpit screen.
	Add Additional Point at point no 19 under technical specification	It should have the ability to analyze patient's response to specific interventions as fluid challenge, various interventions. All these interventions should be time stamped and stored for retrospective analysis.
	Add Additional Point at point no 20 under technical specification	It should be able to give Continuous Systemic Vascular Resistance, provided a CVP value is manually entered in the system.
	Add Additional Point at point no 21 under technical specification	System be able to switch from noninvasive to minimally invasive technology, if required.
	Add Additional Point at point no 22 under technical specification	It should be able to measure extravascular lung water, pulmonary vascular permeability index, global ejection fraction and global end diastolic volume.
	Add Additional Point at point no 23 under technical specification	It should have PGDT analysis facility.
	Add Additional Point at point no 24 under technical specification	The double cuff pressure controller should be able to alternate b/w finger cuff allowing for monitoring in longer surgical cases.
	Add Additional Point at point no 25 under technical specification	The heart reference sensor should be able to compensate for potential errors due to differences in height b/w finger and heart level.
	Add Additional Point at point no 26 under technical specification	• It should be pole mountable, must have display capacity of at least 4 trend lines and 4 numerical display, optional physiology and physio-relationship screen, graphical trend, tabular trend, big numbers, cockpit screen.
	Add Additional Point at point no 27 under technical specification	• It should have the ability to analyze patient's response to specific interventions as fluid challenge, various interventions. All these interventions should be time stamped and stored for retrospective analysis.
2.3	3. Cost of spare parts, consumables	Cost of spare parts, consumables (Battery, catheters, noninvasive probe

(Battery, catheters etc.) and accessories(..if any) which are not covered under warranty & CMC period has to quote in schedule XI as percentage value in the Technical Bid, or else will be consider to be cover throughout the warranty & CMC period. Throughout the warranty & CMC period.	etc.) and accessories(..if any required to run the system) which are not covered under warranty & CMC period has to quote in schedule XI as percentage value in the Technical Bid & will be fixed for the entire contract period , or else will be consider to be cover as FOC throughout the warranty & CMC period.
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All other terms and conditions remains the same.

For further details regarding amendment, addendum, extension and downloading of documents, please visit website: www.eprocure.gov.in /www.neigrihms.gov.in; Tel/Fax: 0364-2538032; E-mail: storeneigrihms@gmail.com.

Sd/-
Stores & Procurement Officer,
For and on behalf of Director, NEIGRIHMS