



Notice Inviting e-Tender
West Bengal Medical Services Corporation Limited
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Kolkata-700091

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Supply and Commissioning of 02 Advanced Haemodynamic Monitor for Dept. of Anaesthesiology, NRS MC&H

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-1009/2025	Dated-05.12.2025
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AMENDMENT-I

REVISED Technical Specification
Advanced Haemodynamic Monitor

1. It should have a touch screen with an active area of 12.1 inches.
2. Only it should when be able to provide Continuous Cardiac Output through a dedicated arterial sensor connected with a dedicated cable available separately.
3. Index It should (SVI), be able to give Continuous Cardiac Output, Stroke Volume (SV).
4. Stroke Volume Systemic Vascular Stroke Resistance Volume Variation, and Systemic Vascular Resistance (SVR) and It should Index (SVRI) when used with appropriate arterial tine sensor.
5. **Future upgradable option for** continuous have Right the option of giving Intermittent & Continuous Cardiac Output (ICO & CCO).
6. **Future upgradable option for** diastolic Value (RVEDV, Ventricular Ejection Fraction (RVEF), Continuous Right Ventricular End Pulmonary Vascular RVEDVI), Systemic Vascular Resistance (SVR, SVRI) & Resistance (PVR) when used with appropriate Swan Ganz Catheter or dedicated oximetry catheter.

7. It should have the option of providing intravascular oximetry parameter for paediatric disposable i.e. Central Venous Oximetry updated every 2 sec when used with dedicated central venous catheter, future.
8. It should have the option to be scalable to Non invasive Cardiac Output technology in the It should have display capacity of at least 4 trend lines and 4 numerical display, optional physiology and Physiorelationship screen.
9. It screens should have the option of providing dedicated perioperative goal-directed therapy (PGDT) and analytics.
10. It should be equipped to provide patient Insight for hypotension & fluid challenge response.
11. Factors it should for be equipped with a secondary screen to provide clinicians with insights.
12. The dedicated monitor must display additional parameter of dP/dt and Eadyn when using a disposable A-line sensor.
13. It should work on NIRS (Near-infrared Reflectance Spectroscopy) technology.
14. It Home should Sphere be able to provide tissue oxygen saturation (StO2) non-invasively when used with advanced monitor.
15. It should be able to measure oxygen saturation of the cerebral tissue along with other tissues such as abdomen, hip, arms, and feet when used at appropriate tissue site.
16. It should have 1 light emitter and 2 light detectors and, 2.5cm depth of light penetration and use 5 Near-infrared wavelength for better accuracy of StO2 measurement.
17. It should be available in 4 sizes namely: Small, Medium, Large (Adult) and one special Non adhesive variant for neonates.
18. It should have option of wired communication.
19. The bidder/OEM should submit valid CDSCO Certificate/Registration/License for both the manufacturer(s) and importer(s) as applicable.