



Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited

Swasthya Sathi

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Kolkata-700091

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Procurement of Pulse Oximeter for different SNCU's of Govt. Of West Bengal

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-480/2026

Dated-09.06.2026

3rd call of Bid Reference Number: WBMSCL/NIT-141/2026, Dated-12.02.2026

The following amendment has been made in the tender document,

Amendment – 1

Revised Technical Specification of Pulse Oximeter

Specification	Specification Name	Bid Requirement (Allowed Values)
General	Product Description	Pulse Oximeter
Product Information	Type of Pulse Oximeter	Table Top
	Should work during motion and very low perfusion conditions	Yes
	Special Signal processing Technology (Motion artefact rejection)	Masimo / Nellcor (Certificate from OEM for Standalone monitor required)
	SPO2 probes utility	Reusable
	Oxygen saturation Range	0-100%
	Pulse rate	25-240 BPM
	Display of SPO2 and PR	Digital display with plethysmograph with trends
	Accuracy	± 5 %
	Shock proof	Yes
	Display type	LCD/LED/TFT
	Display size	5 inch or above
	Display should be readable from at least 6 feet	Yes
	Saturation displayed on the screen	Yes
Pulse Rate displayed on the screen	Yes	

Specification	Specification Name	Bid Requirement (Allowed Values)
	Perfusion Index displayed on the screen	Yes
	Status of battery charging displayed on the screen	Yes
	Sensor off /on status	Yes
	Audible and visual Alarms	Yes
	Alarm override facility should be present	Yes
	Trends in Hours	72 or higher
	Type of trend display	Tabular, Graphical
	Power source	Inbuilt re-chargeable battery and mains 220-240 V , 50 Hz AC operation
	Automatic switch from mains to battery in case of power failure	Yes
	RS 232C /USB interface /Wireless/ Bluetooth connectivity for data communication and transfer	Yes
	Patient extension cable	Yes
	Protective splash proof case for clean and storage and safe transport provided	Yes
	Noise level in dB	50
	Display must allow easy viewing in all ambient light levels	Yes
	Non Invasive Hemoglobin measurement	No
Display of Respiratory Rate (RRP)	No	
Pleth Variable Index (PVI)	No	
Probes	Type of probe (Reusable silicon rubber probe)	Neonatal
	Probe usage	Reusable
	Number of probes provided	5
Warranty	Warranty in Years (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)	2 years
	Warranty for probes in years	Not Provided
Additional Specification Parameters - Pulse Oximeter		
Specification Parameter Name		Bid Requirement (Allowed Values)
Signal delay (Response time) averaging time		<15 sec<3sec
Accuracy of SpO2 (70%-100%)		With motion ±2 digits with low perfusion ±2 With motion ±3 digits with low perfusion ±3
Certification		CDSCO Certificate/ Registration/ License for the manufacturer as applicable
Display of Perfusion Index (PI)		In Numerical value
Probe type		Wrap type in different sizes i.e. term, preterm etc.
Certification		The bidder/ OEM should have valid CDSCO Certificate/Registration/License for both the manufacturer(s) and importer(s) as applicable