

Notice Inviting e-Tender
West Bengal Medical Services Corporation Limited
Swasthya Bhawan Complex
GN-29, Salt Lake, Sector-V
Kolkata-700091

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**SUPPLY OF PULSE OXIMETER WITH PROBE IN THE HOSPITALS AND MEDICAL COLLEGES OF
THE GOVERNMENT OF WEST BENGAL.**

(Submission of Bid through *online*)

Bid Reference No.: WBMISCL/NIT-62/2014	Dated-29.11.2014
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2nd call of tender no. WBMISC/ NIT-49/2014, dated 08.08.2014

The following amendment have been made in the tender document,

Amendment - I

REVISED TECHNICAL SPECIFICATION

Pulse Oxymeter

A. Essential

1. It should be portable, light weight and desktop pulse oxymeter.
2. It should have a large LED / LCD display (minimum size of 4.5 inches) so that numerical values are readable from a distance of at least 6 feet with naked eyes. Display should indicate numerical values of oxygen saturation and pulse rate along with graphical display of plethysmogram.
3. It should have a SpO₂ range of 1 to 100%.
4. It should have visual alarm for both upper and lower SpO₂ and Pulse rate and adjustable audio alarm volume.
5. It should have a facility to capture data for real time analysis at least for 24 hours.
6. SpO₂ cable and probe: 2 (two) reusable neonatal probes (flex with moulded or detachable type rubber or silicon made) & 1 (one) finger probe including cable with life span of at least one year. The cable length should not be less than 3 meters.

7. It should have a minimum 5 hours of internal battery back-up. The battery should be rechargeable type.
- 8. Standards, Safety and Training**
- i. The Product should have safety certificate from a competent authority CE or US FDA (Copy of certificate to be produced).
 - ii. The medical devices should be ISO certified manufacture.
 - iii. Should have onsite service facility. The service provider should have the necessary equipment recommended by the manufacturer to carryout preventive maintenance test as per guidelines provide in the service / maintenance manual.
 - iv. Environmental Factors
 - Operating temperature. 10°C to 40°C
 - Storage temperature-10°C to 50°C
 - Operating humidity. 15% to 95%
9. Warranty for 5 years and 5 years of CMC after warranty. The warranty and CMC includes entire equipment including **battery, probes** etc.
10. Bidder should quote the price of different types of probes, cables, battery, cost for upgradation to monitor methemoglobin (SpMet), etc. in Form 10 (a) & 10 (b). The same rate will be valid for 5 (five) years. After 5 (five) years, the rate may vary but should not exceed RBI inflation index.

B. Desirables (*Qualifying marks in desirable is 65*)

S. No.	Particulars/ Items	Characteristics	Variations	Points
1	Signal delay (Response time)	< 15 sec	NA	20
		15 sec to 25 sec	NA	10
		> 25 sec	NA	1
2	Averaging time	< 3 sec	NA	15
		3 sec to 8 sec	NA	10
		> 8 sec	NA	5
3	Accuracy of neonatal SpO ₂ (70% - 100%)	With motion	± 2 digits	5
			± 3 digits	3
			Not available	0
		With low perfusion	± 2 digits	5
			± 3 digits	1
			Not available	0

4	Accuracy of neonatal pulse rate	With motion	± 3 digits	5
			± 5 digits	3
			Not available	0
		With low perfusion	± 3 digits	5
			± 5 digits	1
			Not available	0
5	Frequency of capturing data for trending/ future review	Every 2 sec interval	NA	10
		Every 4 sec interval	NA	5
		Every 8 sec interval	NA	1
6	Duration of trending with data captured every 4 sec interval or equivalent duration if captured every 2 or 8 sec interval	> 120 hrs	NA	10
		49 hrs to 120 hrs	NA	5
		< 49 hrs	NA	1
7	Internal battery back up	> 9 hrs	NA	10
		6 – 9 hrs	NA	5
		< 6 hrs	NA	1
8	Upgradable to monitor methemoglobin (SpMet)	Upgradable	NA	5
		Not upgradable	NA	0
9	Screen Size	> 5 inches	NA	10
		4.5-5 inches	NA	5