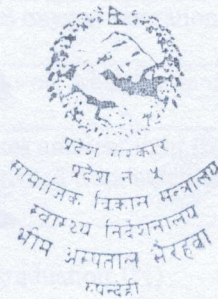


Technical Specification of Pulse Oxymeter (Spot-Check)

S.N.	Purchaser's Specifications		Bidder's Compliance Sheet		
			Yes /No	Ref Docs Page No.	Remarks
	Pulse Oxymeter (Spot-Check)				
	Manufacturer				
	Brand				
	Type / Model				
	Country of Origin				
1	Description of Function				
1.1	For spot-check of percentage arterial oxygen saturation (SpO ₂ , %) and pulse rate (HR, bpm) of all patient categories. Non-invasive monitor using a clip-on sensor placed on a finger or toe.				
2	Operational Requirements				
2.1	It shall be suitable for professional clinical use, all patient categories neonate, infant and adult.				
3	System Configuration				
3.1	Pulse Oxymeter, complete unit with all standard accessories.				
4	Technical Specifications				
4.1	LCD Colour Screen, Ultra compact pulse oxymeter integrated into finger/toe sensor clip.				
4.2	It shall be robust design allows use in demanding environments.				
4.3	It shall accommodates finger/toe thicknesses 8 to 25mm.				
4.4	Facility of spot-check of arterial blood oxygen saturation (SpO ₂) and heart rate (HR).				
4.5	It shall have one button operation, auto-off when not in use for 10 seconds.				
4.6	Clip with extended side flaps eliminates ambient light from the measurement and also transducer protected from external light interference by rubber side flaps.				
4.7	Measuring range: <ul style="list-style-type: none"> SpO₂ 0 to 100% (minimum graduation 1%) HR 20 to 250bpm (minimum graduation 1bpm) 				
4.8	Accuracy: <ul style="list-style-type: none"> SpO₂ +/-2% in the range from 70 to 100% HR +/-2% in the range from 30 to 250bpm 				
4.9	Display: Easy readable display shows operational status, SpO ₂ , HR, signal strength (bar graph) and battery status.				
4.10	Alarm: Audio-visual alarm on operational status, SpO ₂ <90%, sensor malfunction and loss of signal.				
4.11	Battery autonomy > 24 hours of continuous use				
5	Accessories, spares and consumables				
5.1	Accessories: <ul style="list-style-type: none"> 1 x spare set of two batteries 1.5V AAA/ Alkaline. 1 x Neck lanyard for carrying. 1 x Strong protective carry bag. 				
5.2	All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer. Bidders must specify the quantity of every item included in their offer (including items not specified above).				
6	Operating Environment				
6.1	The product offered shall be designed to be stored and to operate				

S.N.	Purchaser's Specifications	Bidder's Compliance Sheet		
	normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature, Humidity, etc.			
6.2	Power supply: Shall work on two 1.5V AAA/ batteries.			
7	Standards and Safety Requirements			
7.1	Must submit ISO13485 or better for Medical Devices AND			
7.2	Must submit CE or USFDA approved product certificate.			
8	User Training			
8.1	Must provide user training (including how to use and maintain the equipment).			
9	Warranty			
9.1	Comprehensive warranty for 1 year after acceptance.			
10	Maintenance Service During Warranty Period			
10.1	During warranty period supplier must ensure preventive maintenance and corrective/breakdown maintenance whenever required.			
11	Installation and Commissioning			
11.1	Not required.			
12	Documentation			
12.1	User (Operating) manual in English.			
12.2	Service (Technical / Maintenance) manual in English.			
12.4	Certificate of calibration and inspection from factory.			

Umesh
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[Signature]
 मेडिकल सुपरिन्डेंट