AMDA-Nepal

Siddhartha Children and Women Hospital

Butwal-7, Rupandehi

Technical Specification of portable table top spo2with pulse rate monitor.

S.N.	Purchaser's Specifications	Bidder's Compliance (Yes/No)	Reference Page No.	Remarks
	SPO2 Monitor			
	Manufacturer:			
	Brand:			
	Type / Model:			
	Country of Origin:			
1	**Description of Function:**			
1.1	This bed side portable device is a miniature, lightweight device capable of spot- check and continuous monitoring of spo2 and pulse rate.			
1.2	Suitable for adult, pediatrics and neonatal patients.			
1.2	Performs spo2 and pulse rate measurement in either spot –check or continuous.			
1.3	At list 2.4 inch's color LCD prominently displays spo2 and pulse rates reading.			
1.4	Variable screen brightness allows you to alter the intensity of LCD and conserve battery power.			
1.5	Adjustment visual and audible alarms you can chose whether to show spo2 and pulse rates alarm limit on the LCD screen.			
1.6	In continuous mode, memory supports storage of 95 hours of trends data single patient's ids.			
1.7	Choose from either lithium ion or AA alkaline batteries depending on run time needs.			
1.8	Automatic standby mode and selectable auto shutdown mode assist in conserving battery power.			
2	**Accessories, Spares and Consumable:**			
2.1	All stander accessories, consumables and spare parts required to operate the equipment including all stander tolls			

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		and cleaning and lubrication materials, in the offer.			
	3	**Standards and safety requirement**			
	3.1	Must submit ISO13485:2016 for Medical Devices AND			
	3.2	It must have EU Quality Management System Certificate (MDR) (EU 2017/745) or USFDA approved product certificate must be submitted.			
	3.3	Shall meet IEC-60601-1-2:2007/AC: 2010 General Requirements of Safety for Electromagnetic Compatibility.			
	4	**Installation and Commissioning & User Training**			
	4.1	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel; any prerequisites for installation to be communicated to the purchaser in advance, in detail.			
	4.2	During the warranty period supplier must ensure planned preventive maintenance (PPM) along with corrective/breakdown maintenance whenever required.			
	5	**Warranty & Maintenance Service During Warranty Period**			
	5.1	Comprehensive warranty (Software, hardware/ parts maintenance labor cost etc.) for 1 years grantee after installation.			
	5.2	The Supplier shall conduct user training for this equipment to enable operators to use the equipment properly. The training shall include the use of all operational functions of the equipment, as well as routine checks and maintenance expected by users.			
	6	**Authorization**			
	6.1	Manufacturer's Authorization or local Distributor Authorization (Manufacturer's Authorization to the main Distributor is also required in case of Local Authorization).			
		Certificate of calibration and inspection from factory.			
	7	**Documentation**			
	7.1	• User (Operating) manual in English.			

		• Service (Technical/Maintenance) manual in English. • List of important spare parts and accessories with their numbers and costing. Shall accomplish all the qualification criteria of the bidder mentioned in the main bid document.