

Siddhartha Children and Women Hospital

Butwal-7, Rupandehi

Technical Specification of Radiant warmers with under surface phototherapy.

S.N.	Purchaser's Specifications	Bidder's Compliance (Yes/No)	Reference Page No.	Remarks
	Radiant warmer with Under surface phototherapy.			
	Manufacturer:			
	Brand:			
	Type / Model:			
	Country of Origin:			
1	Description of Function:			
	Infant radiant warmers offer a radiant source of heat to babies who suffer from hypothermia. It provides an artificial support to keep the body temperature constant at a desired level with the use of i-sence technology			
2	Technical specification			
2.1	Modes: Five Modes of heater control operations: Servo skin, servo air, safe, pre-warm and. Manual, APGAR.			
2.2	Display: Large display with touch operational features			
2.3	Built in undersurface LED phototherapy			
2.4	Probe: Thermistor based, Interchangeable with Accuracy +/- 0.2 A C.			
2.5	Heater: High Intensity Quartz Heating element for effective Radiation (Ceramic Optional)			
2.6	High power LED Observation Lamp.			
2.7	Heater Module Swiveling for taking X-Ray.			
2.8	*Bed Head Up / Down Facility * 4 Side Acrylic Sheet Collapsible * 2" Foam Bed / Transparent Acrylic Bed			
2.9	Safety Features, Safety Cut Offs over/low & Comprehensive Alarms for over/low heat.			
2.10	Warmer with undersurface Phototherapy (Conventional & LED bulb)			
2.11	Castors with brake to lock the device in position.			
2.12	Thermistor based temperature sensor.			

2.13	Easily removable and unbreakable acrylic side panels.			
2.14	Storage Tray, Inbuilt Storage at list two Drawer and x-ray tray.			
2.15	Monitor Tray, IV Stand Large / Small, Pump Mounting Pole, O2 Cylinder Mounting Provision.			
3	Standards and safety requirement			
3.1	Must submit ISO13485:2016 for Medical Devices AND			
3.2	It must have CE Quality Management System Certificate			
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 more than 2 years warranty 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).			
6.2	Certificate of calibration and inspection from factory.			
7	Documentation			
7.1	<ul style="list-style-type: none"> • User (Operating) manual in English. • Service (Technical/Maintenance) manual in English. • List of important spare parts and accessories with their numbers and cost. 			

	<ul style="list-style-type: none"> • Shall accomplish all the qualification criteria of the bidder mentioned in the main bid document. 			
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