Infant Warmer

S.N	Specifications	Bidder's Compliance Sheet
	Infant Warmer (f/y-082/82)	
	Manufacturer	
	Brand	
	Type/Model	
	Country of Origin	
1	**Description of Function**	
1.1	An Infant warmer is used to keep the patient's core temperature stable at 37 oC.	
2	**Operational Requirements**	
2.1	It shall be microprocessor controlled Infant warmer with manual and servo options and inbuilt baby bassinet trolley.	
3	**System Configuration**	
3.1	Infant Warmer with Sensor, complete unit with all standard accessories.	
4	**Technical Specifications**	
4.1	It must have facility to display skin temperature.	
4.2	It should have visually coded control panel and color-coded safety alarms for simple understanding.	
4.3	The size of Heating element should be precisely matched to the bed size for even heat distribution.	
4.4	The heating element must be ceramic or quartz infrared or calrod heater with parabolic reflector for uniform heat radiation or better.	
4.5	Shall have user friendly control panel with large easy to read LED/LCD displays for real time patient skin temperature and set temperature separately and heater power.	
4.6	It must have manual setting for high and low alarm setting.	
4.1	In servo mode, the heater output must be controlled to maintain the baby at the required set temperature.	
4.11	In manual mode, the heater output must be directly controlled by a setting on the front panel.	
4.12	The desired temperature range from approx. 30 to 40°C	
4.14	The display resolution must be 0.1°C.	
4.15	The system should not have any access to heater element to protect the user from accidental contact during operation.	
4.17	Observation light must be provided for observing the baby.	
4.18	It must be mounted on a pole with sturdy base with lockable castors.	

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4.19	Shall have standard IV pole, monitor tray and storage drawers underneath the bassinet	
4.22	The unit should be supplied with superior quality completely sealed Mattress to provide maximum patient safety and comfort.	
4.23	Shall have alarms with audio and visual indicators for the following: □ Temperature high/ Low □ Probe failure □ Power failure □ Heater failure	
5	**Accessories, spares and consumables**	
5.1	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 system offered shall be designed to store and to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature, Humidity, etc.	
6.2	Power supply: 220 – 240 VAC, 50Hz fitted with appropriate plug. The power cable must be at least 3 metre in length.	
7	**Standards and Safety Requirements**	
7.1	Must submit ISO 13485:2003/AC:2007 for Medical Devices	
7.2	Must submit Valid CE (93/42 EEC Directives) or USFDA (510K) 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 2 years after acceptance.	
10	**Maintenance Service during Warranty Period**	
10.1	During warranty period supplier must ensure corrective/breakdown maintenance whenever required.	
11	**Installation and Commissioning**	
11.1	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.	
12	**Documentation**	
12.1	User (Operating) manual in English.	
12.2	Service (Technical / Maintenance) manual in English.	

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