



नेपाल सरकार  
स्वास्थ्य तथा जनसंख्या मन्त्रालय  
**कोशी अस्पताल**  
बिराटनगर

दररेट पेश गर्ने बारेमा सूचना  
प्रथम पटक प्रकाशित मिति २०८१/०२/१६ गते  
विषय :- दरभाउपत्र पेश गर्ने बारे ।

प्रस्तुत विषयमा सार्वजनिक खरिद ऐन २०६३ को दफा ४१ तथा सार्वजनिक खरिद नियमावली, २०६४ को नियम ८५ को (क) प्रावधान बमोजिम तपशिल बमोजिमका सलग्न स्वीकृत स्पेसिफिकेसन बमोजिमको अस्पतालको वच्चाविभाग एन.आइ.सि.यु.का तथा अन्य वार्डका लागि उपकरण खरिद गर्नुपर्ने भएकोले यो सूचना प्रकाशन भएको मितिले ७ सातौं दिनको दिन १२.० बजे भित्र यस अस्पतालको खरिद इकाई शाखामा कार्यलय समय भित्रमा शिलबन्दी खाममा पेश गर्नु हुन सम्बन्धित सबैको लागि यो सूचना प्रकाशन गरिएको छ ।

दरभाउपत्र सूचना प्रकाशन भएको सातौं दिनमा सोदिन (सार्वजनिक बिदा परेमा) वा भोलीपल्ट सो दरभाउपत्र सोही दिन अपरान्ह २.० बजे खोल्नेछ । दरभाउपत्र दररेटपेश गर्दा उक्त फर्मको (खरिद कारोबार सिमा १० (दशलाख) यस आ.ब.मा ननाघेको हुनु पर्नेछ ।

**तपशिल**

**क. सूचि दर्ता गर्न पेश गर्नु पर्ने कागजातहरु**

- v. व्यवसाय दर्ता प्रमाणपत्र (नविकरण भएको)
- vi. व्यवसाय इजाजत प्रमाणपत्र (नविकरण भएको)
- vii. मु.अ.कर दर्ता प्रमाणपत्र ।
- viii. आ.ब. २०८०/८१ को कर चुक्ता प्रमाणपत्र

**ख. दररेटपेश गर्नुपर्ने सामानको विवरण**

S.n	Item Name and Description	Specification	Name of Company/Country/Brand/Model	Qty	unit	Per unit Rate	Total	VAT	Total
1	Infant Warmer with sensor and Phototherapy unit (led type)	सलग्न छ		2	set				
2	ECG Machine Portable (12 channel)	सलग्न छ		2	set				
								G Total	

**ग. दररेटको मूल्याङ्कन -विधि**

- सामानको स्पेसिफिकेसन मिलेको तथा आइटम वाइज न्यूनतम क्वोल अंक पेश गर्नेबाट खरिद गरिनेछ ।
- खरिद गरिने सामान अस्पतालले प्रयोग गर्न उपयुक्त हुन नदेखिएको खण्डमा सामान फिर्ता गरिनेछ । सामानहरु खरिद गर्ने वा नगर्ने वा
- आशिकरूपमा खरिद गर्ने सम्पूर्ण अधिकार यस अस्पतालमा निहित हुनेछ । सामानको क्याटलग, फोटो उपलब्ध गराउनु पर्ने छ ।
- दररेट पेश गर्नेको विवरण फर्मको नाम / फर्मको ठेगान :

प्रोपाईटर / संचालकको नाम :

इमेल ठेगाना :

मिति :

हस्ताक्षर :

छाप :

Technical Specification of ECG Machine, Portable (12 Channel)				
S.N.	Purchaser's Specifications (Koshi Hospital, FY:81/82)	Bidder's Compliance sheet		
	ECG Machine, Portable (12 Channel)	Yes/No	Page No. in Catalogue	Remarks
	<b>Manufacturer</b>			
	<b>Brand</b>			
	<b>Type / Model</b>			
	<b>Country of Origin</b>			
<b>1</b>	<b>Description of Function</b>			
1.1	ECG Machine is primary equipment to record ECG Signal in various configurations.			
<b>2</b>	<b>Operational Requirements</b>			
2.1	Portable digital ECG machine must be able to acquire all 12 Leads simultaneously.			
<b>3</b>	<b>System Configuration</b>			
3.1	Portable digital ECG machine with complete accessories			
<b>4</b>	<b>Technical Specifications</b>			
4.1	Simultaneous recording of 12 standard leads: aVR, aVL, aVF, I, II, III and V1-6 pre-cordials.			
4.2	Internal memory for data storage.			
4.3	Splash-resistant alphanumeric keyboard with function keys.			
4.4	With zeroing reset, auto-base-line correction (0.5Hz) and 1mV test/calibration signal.			
4.5	Filter setting for line-frequency (50 or 60Hz).			
4.6	Continuous check on the quality of electrodes connection, audio visual alert on loss of signal			
4.7	Appropriately protected for operation during defibrillation.			
4.8	Alphanumeric LCD display, approximately: 5 inches or more Display shows ECG-curves, heart rate, patient name and ID, time, speed and filter setting.			
4.9	Machine Should have lead reversal Facility, it should display message.			
4.1	ECG should have colored waveform display for the quality of ECG waveform.			
4.11	Machine Should have print preview option before taking printout.			
4.12	Machine should have interpretation based on gender and age.			
4.13	Front panel provides indication of system and battery status, electrode.			
4.14	Built-in or integrated high-resolution thermal printer.			
4.15	Number of channels printed is user selectable: 3, 6 or 12.			
4.16	Combination of channels printed is standard and user selectable and with copy function.			
4.17	Paper speed, user adjustable: 5, 25 and 50mm/sec.			
4.18	Data interface: RS232 or equivalent. Self-test is performed each time the device is switched on.			
4.19	Sensitivity, automatic or user selectable: 5, 10 and 20 mm/mV.			
<b>5</b>	<b>Accessories, spares and consumables</b>			
	<b>Accessories:</b>			
	• Patient cable-1 no.			
	• Reusable chest electrodes, suction ball-type- 6 nos.			
	• Extremity clamp electrodes, reusable- 4 nos.			
5.1	• Box of A4 recording paper, 1000 sheets- 1 no.			



	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).			
<b>6</b>	<b>Operating Environment</b>			
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.			
<b>7</b>	<b>Standards and Safety Requirements</b>			
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 for both warmer and phototherapy unit.			
<b>8</b>	<b>User Training</b>			
	Must provide user training (including how to use and maintain the equipment).			
<b>9</b>	<b>Warranty</b>			
	Comprehensive warranty for 2 years after acceptance.			
<b>10</b>	<b>Maintenance Service during Warranty Period</b>			
	During warranty period supplier must ensure corrective/breakdown maintenance whenever required.			
<b>11</b>	<b>Installation and Commissioning</b>			
	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.			
<b>12</b>	<b>Documentation</b>			
12.1	User (Operating) manual in English.			
12.2	Service (Technical / Maintenance) manual in English.			
12.3	List of important spare parts and accessories with their part numbers and costing.			
<p><b>Note:</b> Bidder must completely fill the Technical Specification Form (TSF). Only Yes/no/all complies should not be written. Page number in the catalogue of all the required parameters must be clearly mentioned and highlighted. Failure in doing so may lead to rejection of bid from technical committee.</p>				

*(Signature)*


En. Govinda Mishra  
NEC No: 79329

Technical Specification of Infant Warmer with Sensor and Phototherapy unit (LED type)				
S.N	Purchaser's Specifications (Koshi Hospital, FY: 81/82)	Bidder's Compliance Sheet		
	Infant Warmer with Sensor and Phototherapy unit (LED type)	Yes/No	Page No. in Catalogue	Reamrks
	<i>Manufacturer</i>			
	<i>Brand</i>			
	<i>Type/Model</i>			
	<i>Country of Origin</i>			
1	<b>Description of Function</b>			
	An Infant warmer is used to keep the patient's core temperature stable at 37 degree C. Phototherapy units are used to treat hyperbilirubinemia, a condition characterized by high bilirubin concentrations in the blood.			
2	<b>Operational Requirements</b>			
	It shall be microprocessor controlled Infant warmer with manual and servo options and inbuilt baby bassinet trolley. It should have provision for operating with double sided phototherapy as stated in Technical specification.			
3	<b>System Configuration</b>			
	Infant Warmer with Sensor, 2 unit of phototherapy either inbuilt or configurable with warmer and complete standard accessories for both warmer and phototherapy unit.			
4	<b>Technical Specifications</b>			
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	Shall have user friendly control panel with large easy to read LED displays for real time patient skin temperature and set temperature separately and heater power.			
4.4	It should have + / - 12 Degree Continuous Bed tilting mechanism.			
4.5	In manual mode, the heater output must be directly controlled by a setting on the front panel.			
4.6	The desired temperature range from 30 to 40°C or better.			
4.7	Observation light must be provided for observing the baby.			
4.8	Shall have standard IV pole, monitor tray and storage drawers underneath the bassinet			
4.9	It should have provision for double surface led phototherapy ( each unit from upper and lower side of bassinet ). Base for holding Phototherapy unit should be strong and height adjustable.			
4.10	Two unit of Phototherapy can be inbuilt with radiant warmer or can be configurable with provided radiant warmer.If configurable, then warmer and phototherapy unit should be able to run at the same time.			
4.11	Phototherapy unit Should have blue power LEDs. Life of LED should be at least 20,000 hours of use or more.			
4.12	Shall have alarms with audio and visual indicators for radiant warmer as following: <input type="checkbox"/> Temperature high/ Low <input type="checkbox"/> Probe failure <input type="checkbox"/> Power failure <input type="checkbox"/> Heater failure <input type="checkbox"/> Control board failure			
5	<b>Accessories, spares and consumables</b>			

*Signature*



	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).			
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