१. बोलपत्र आह्वानको सूचना

प्रदेश सरकार

सामाजिक विकास मन्त्रालय

प्रदेश नं. १, नेपाल

स्वास्थ्य निर्देशनालय

जिल्ला अस्पताल, भोजपुर

शिलवन्दी बोलपत्र आवह्वान सम्वन्धी सूचना नं. ०८/०७७-०७८

प्रथम पटक सूचना प्रकाशन मितिः– २०७७/१२/२२ गते

१. यस जिल्ला अस्पताल भोजपुरको आ.व. २०७७/०७८ को स्वीकृत वार्षिक कार्यक्रम अनुसार अस्पतालको लागि अत्यावश्यक तपशीलमा उल्लेखित सामान सिलबन्दी बोलपत्रको माध्यमबाट खरिद गर्नुपर्ने भएकोले सम्बन्धित क्षेत्रमा काम गर्न ईजाजत प्राप्त आपूर्तिकर्ताहरुबाट आपूर्ति गर्न सिलबन्दी बोलपत्र आह्वान गरिएको छ ।

२. खरिद गरिने तपशीलमा उल्लेखित सामानहरुको स्पेसिफिकेशन र परिमाण बोलपत्र सम्बन्धी कागजातमा उल्लेख भएबमोजीम हुनेछ ।

३. बोलपत्र सम्बन्धी कागजात खरिद गर्न चाहने इच्छुक नेपाली आपूर्तिकर्ता वा निजको अधिकृत प्रतिनिधिले यस जिल्ला अस्पताल भोजपूर, जिल्ला प्रशासन कार्यालय भोजपूर र स्वास्थ्य कार्यालय भोजपूरमा सुचना प्रकाशित भएको मितिले ३० (तिस) औं दिन अर्थात २०७८/०१/२० गतेसम्म कार्यालय समय भित्र तोकिएको दस्तुर (फिर्ता नहुने) तिरी लिखित आवेदन साथ नेपाली नागरिकताको प्रतिलिपी, आ.व. २०७७/०७८ का लागि नविकरण गरिएको उत्पादक, फर्म, कम्पनीको दर्ता प्रमाण पत्र, व्यवसाय प्रमाण पत्र, आयकर प्रमाण पत्र, स्थायी लेखा नं, मूल्य अभिबृद्धि कर दर्ता प्रमाण पत्र र आ.व. ०७६/०७७ को कर चुक्ता प्रमाण पत्रको प्रतिलिपी अनिवार्य संलग्न राखि खरिद गर्न सक्नेछन् ।

४. बोलपत्र फाराम खरीद गर्न रु.३०००/- फारम दस्तुर प्रदेश लेखा ईकाई कार्यालय (STSA) भोजपुरको कार्यालय कोड नं ३५००४०७०२१, राष्ट्रिय बाणिज्य बैंक, भोजपूरमा रहको खाता नं. १०००१००२०१०१०००१, कार्यालयको नाम जिल्ला अस्पताल, भोजपुर, राजस्व शिर्षक नं. १४२२९ मा जम्मा गरी जम्मा गरेको भौचर पेश गर्नुपर्नेछ ।

५. बोलपत्रदाताले बोलपत्र खरीद गर्दा सम्बन्धित कार्यालयको अधिकार प्राप्त कर्मचारीको दस्तखत, कार्यालयको छाप लागेको बोलपत्र खरीद गर्नुपर्नेछ । दस्तखत नभएको र कार्यालयको छाप नभएको बोलपत्र कुनै हालतमा मान्य हुने छैन ।

६. खरिद गरेको बोलपत्र सुचना प्रकाशित भएको मितिले ३१ (एकतिस) औं दिन अर्थात मिति २०७८/०१/२१ गते बिहान १२:०० बजे सम्म यस जिल्ला अस्पताल भोजपूरमा दाखिल गरिसक्नुपर्नेछ । दाखिल हुन आएका बोलपत्रहरु सोही दिन दिनको २:०० बजे जिल्ला अस्पताल भोजपुरमा खोलिनेछ ।

७. बोलपत्र दर्ता गर्दा प्रोपाईटर वा आधिकारिक प्रतिनिधीले सहिछाप गरेको र सिलबन्दी भएको हुनुपर्नेछ ।

८. बोलपत्र विक्रि गर्ने अन्तिम दिन, दर्ता गर्ने र खोल्ने दिन सार्वजनिक विदा परेमा उक्त कार्यहरु विदाको लगत्तै पछिको कार्यालय खुलेको दिन सोहि समयमा हुनेछ ।

९. दर्ता भएका बोलपत्रहरु कार्यालय प्रतिनिधी र बोलपत्र दाताहरुको रोहवरमा खोलिनेछ । बोलपत्रदाता वा निजका प्रतिनिधी उपस्थित नभएमा पनि बोलपत्र खोल्न वाधा पर्ने छैन ।

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१०. बोलपत्र पेश गर्दा बोलपत्र जमानत बापत यस कार्यालयको राष्ट्रिय बाणिज्य बैंक, भोजपुरमा रहेको प्रदेश धरौटी खाता ख २३, खाता न. २०४०१००२०२०३०००० मा नगद जम्मा गरेको सक्कल भौचर वा नेपाल राष्ट्रिय बैंकबाट "क" वर्गको ईजाजतपत्र बाणिज्य बैंकबाट बोलपत्र खोलिने मिति देखि गणना हुने गरि १२० दिनको मान्य अवधि रहने गरी जारी भएको बैंक जमानत सिलबन्दी बोलपत्रसाथ संलग्न गर्नुपर्नेछ ।

११. प्रत्येक ठेक्का नं को फरक फरक बोलपत्र खरीद गरी पेश गर्नुपर्नेछ ।

१२. शिलबन्दी बोलपत्रमा कबोल गरेको दररेट अङ्क र अक्षर दुवैमा प्रष्ट रुपमा लेखिएको हुनुपर्नेछ । अङ्क र अक्षरमा फरक परेमा अक्षरलाई मान्यता दिईनेछ । केरमेट भएको ठाउँमा दस्तखत गरेको हुनुपर्नेछ ।

१३. बोलपत्रको मान्य अवधि बोलपत्र पेश गर्ने अन्तिम मिति देखि गणना हुने गरी ९० दिनको हुनेछ ।

१४. ढिलो गरी प्राप्त अर्थात म्याद नाघी आएको र रीत नपूगेको बोलपत्र उपर कुनै कारबाही गरिने छैन ।

१५. एक फर्म, संस्था वा कम्पनीको नाममा खरीद गरेको बोलपत्र फाराम अर्को फर्म, संस्था वा कम्पनीको नामवाट दाखिला गर्न पाईने छैन ।

१६. संझौता अवधि भित्र कुनै प्रकारको मूल्य वृद्धिलाई स्वीकार गरिने छैन ।

१७. बोलपत्र स्वीकृत गर्ने, रद्ध गर्ने वा आंशिक रुपमा स्वीकृत गर्ने वा नगर्ने सम्पुर्ण अधिकार खरिद कर्तामा निहित रहनेछ।

१८. सार्वजनिक खरिद नियमावली, २०६४ को नियम ४० (ङ) अनुसार बोलपत्रदाताले खरीद कारबाहीमा भाग लिन अयोग्य नभएको, प्रस्तावित खरीद कारवाहीमा आफ्नो स्वार्थ नबाझिएको र सम्बन्धित पेशा वा व्यवसाय सम्बन्धी कसुरमा आफुले सजाय नपाएको भनी लिखित रुपमा स्वयंले घोषणा गरेको पत्र पेश गर्नुपर्नेछ ।

१९. यस सूचनामा छुट हुन गएका अन्य कुराहरुको हकमा सार्वजनीक खरिद ऐन, २०६३ र सार्वजनीक खरिद नियमावली, २०६४ तथा प्रचलित ऐन, नियम र कानुन अनुसार हुनेछ ।

२०. बोलपत्र सम्बन्धी अन्य कुनै कुराहरु बुझ्नुपरेमा कार्यालय समयभित्र जिल्ला अस्पताल भोजपुरको सम्पर्क फोन नं: ०२९–४२०७४९, मो.नं. ९८५२०५२७४९, ईमेलः-hospitalbhp@gmail.com मा सम्पर्क राख्न सकिनेछ । साथै यो सूचना कार्यालयको website: dhbhp.p1.gov.np मा समेत log in गरी हेर्न सकिनेछ ।

तपशील

क्र.सं.	ठेक्का नं	कामको विवरण	कुल लागत अनुमान (भ्याट सहित)	बोलपत्र जमानत रकम	बोलपत्र फारम दस्तुर
१.	७/०७७-०७८	Procurement, supply and installation of oxygen generation plant with refilling booster and oxygen Pipeline	७९,९९,०३०/-	२,३५,०००/-	३०००/-
२.	८/०७७-०७८	SNCU सेवा विस्तारका लागि आवश्यक उपकरणहरु खरीद	१८,७८,०६०/-	५६०००/-	३०००/-
३.	९/०७७-०७८	ICU संचालनका लागि आवश्यक औजार, उपकरणहरु खरीद	९,९१,०१०/-	२९०००/-	३०००/-
४.	१०/०७७-०७८	Ventilator Machine खरीद	२५,००,०००/-	७५०००/-	३०००/-

कार्यालय प्रमुख

TECHINICAL SPECIFICATION FOR ICU BED (ELECTRIC)

S.N.	Purchaser's Specifications	Bidder's Compliance Sheeet		
	I.C.U bed (electric)	**Yes/No**	**Page No. in Catalogue**	**Remarks**
	Manufacturer			
	Brand			
	Type/Model			
	Country of Origin			
1	**Description of Function**			
1.1	ICU Beds are required in the Intensive Care for comfort of the patient and to facilitate comfortable transfer to and from emergency/OT/Wards etc. It is also required to carry out point of care procedures including radiological procedures at the bedside.			
2	**Operational Requirements**			
2.1	The system must be electrically operated and adjustable height and tilt.			
3	**System Configuration**			
3.1	Electrically and pneumatically operated ICU bed with mattress.			
4	**Technical Specifications**			
4.1	Must have four section mattress base.			
4.2	Must have X-Ray compatable.			
4.3	Base frame & support frame must be made up of steel.			
4.4	Should have step less electrical adjustment for the following(approx.)			
	• Height : 450-840 mm			
	• Back section : 0- 50^0			
	• Leg Section : 0-30^0			
4.5	Must have step less pneumatic adjustment for Trendelenburg (25° approx.), anti-trendelenburg (15° approx.)			
4.6	Must have a manual quick release mechanism for back section adjustment during emergency situation.			
4.7	Must be equipped with four articulated half-length tuck away side rails.			
4.8	Must be equipped with large castors (diameter 150 mm) with central braking and steering facility.			
4.9	3 motores or more			
4.10	Mattress of the bed must be made up of high density foam with Anti-Microbial agent incorporated into all components.			
4.11	Mattress must be fully radiolucent.			
4.12	Must have bumpers at all four corners and place for fixing accessories.			
4.13	**Dimensions of bed (approx. ± 10%):**			
	• Length : 2200 -2290 mm			
	• Width : 850 -1020mm			
	• Mattress Size : appropriate as per bed size, thickness at least 10cm			

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S.N.	Purchaser's Specifications	Bidder's Compliance Sheeet		
	I.C.U bed (electric)	**Yes/No**	**Page No. in Catalogue**	**Remarks**
5	**Accessories, spares and consumables**			
5.1	**Accessories:**			
	• I.C.U Bed Mainframe -01			
	• Bed Ends, detachable : 01 pair			
	• Articulated half-length tuck away side rails: 04 Nos.			
	• IV Rods: 01 No.			
	• Mattress 12 cm Thick : 01 No.			
5.2	All standard accessories/consumables/parts required for the proper operation of the above item shall be included in the offer. Bidders shall specify, in a separate Excel worksheet, the quantity and details of any items included in this offer which have not been specified in this Technical Specifications Form.			
6	**Operating Environment**			
6.1	The system offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include 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 ISO13485. and			
7.2	CE or USFDA approved product certificate.			
7.3	Certified to be compliant with IEC 60601-2-38 Medical Electrical Equipment part 2-38 Particular requirements for safety of Electrically Operated Hospital Beds.			
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 the 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	Certificate of calibration and inspection from factory.			

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.

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स्वास्थ्य निर्देशनालय

TECHINICAL SPECIFICATION FOR BED SIDE LOCKER

S.N	Purchaser's Specifications	Bidder's Compliance Sheeet		
	BED SIDE LOCKER	Yes/No	Page No. in Catalogue	Remarks
	Manufacturer:			
	Brand:			
	Type/Model:			
1	**Country of Origin:**			
1.1	A bedside locker simplifies the work of the care giver and it enhances the comfort and autonomy of the patient in terms of accessibility, convenience and storage capacity.			
2	**Operational Requirements**			
2.1	All metal construction (machine pressed CRCA steel sheets) with heavy duty anti-corrosive and antirust treated epoxy powder coated. Legs Mild steel tubular construction epoxy powder coated treated.			
3	**System Configuration**			
3.1	Bedside cabinet/locker, complete unit.			
4	**Technical Specifications**			
4.1	Feet to be capped with heavy duty plastic buffers.			
4.2	Overall approximate size 820mm H x 400mm W x 400mm L			
4.3	Fitted with superimposed stainless steel top. Top to have lip or edge or retaining rail to prevent items slipping off, Finish must be smooth.			
4.4	With stainless steel towel rail.			
4.5	Bedside lockers provided with one storage cabinet and single draw under the top and space for keeping utilities.			
5	**Accessories, spares and consumables**			
5.1	Not applicable.			
6	**Operating Environment**			
6.1	The product offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include Climate, Temperature, Humidity, etc.			
7	**Standards and Safety Requirements**			
7.1	Must submit ISO 9001 or ISO 13485:2003/AC:2007 **AND**			
7.2	CE or USFDA approved product certificate.			
8	**User Training**			
8.1	Not applicable.			
9	**Warranty**			
9.1	Comprehensive warranty for 1 year.			
10	**Maintenance Service During Warranty Period**			
10.1	Standard warranty conditions are applicable.			
11	**Installation and Commissioning**			
11.1	Must supply preassembled unit, ready to use.			
12	**Documentation**			
12.1	Not applicable.			

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.

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TECHINICAL SPECIFICATION FOR CRASH CART

S.N	Purchaser's Specifications	Bidder's Compliance Sheeet		
	Crash cart	**Yes/No**	**Page No. in Catalogue**	**Remarks**
	Manufacturer:			
	Brand:			
	Type/Model:			
1	**Country of Origin:**			
1.1	Crash Cart is a set of trays/drawers/shelves on wheels used in hospitals for transportation and dispensing of emergency medication/equipment at site of medical/surgical emergency for life support protocols potentially to save a patient's life.			
2	**Operational Requirements**			
2.1	Stainless steel trolley on stainless steel tubular frame.			
3	**System Configuration**			
3.1	Crash Cart with removable coloured bins, storage units, fitted with oxygen cylinder holder and electric lamp holder and four swivels castors.			
4	**Technical Specifications**			
4.1	Dimensions: approx. 900mm L x 500mm W x 1500mm H.			
4.2	Stainless steel top and shelf & equipped with 4 - 6 removable coloured bins made of moulded plastic.			
4.3	Lockable storage units – 3 drawers (stainless steel or moulded plastic). Wood or wood laminate construction drawers are NOT acceptable.			
4.4	To be fitted with stainless steel, height adjustable, twin hook/loop, IV pole assembly.			
4.5	Fully, 360 deg. swivel castors/wheels, size 125mm dia with at least one castor/wheel to have locking/brake mechanism.			
4.6	Top shelf to have stainless steel guard rail approx.35mm above surface.			
4.7	Fitted with epoxy powder coated oxygen cylinder holder and electric lamp holder with clamp and cardiac massage board.			
4.8	Must be capable of carrying ECG Monitor/defibrillator and a suction apparatus.			
5	**Accessories, spares and consumables**			

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S.N	Purchaser's Specifications	Bidder's Compliance Sheeet		
	Crash cart	**Yes/No**	**Page No. in Catalogue**	**Remarks**
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 product offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include Climate, Temperature, Humidity, etc.			
7	**Standards and Safety Requirements**			
7.1	Must submit ISO 9001 or ISO 13485:2003/AC:2007 **AND**			
7.2	CE or USFDA approved product certificate.			
8	**User Training**			
8.1	Not applicable.			
9	**Warranty**			
9.1	Comprehensive warranty for 1 year.			
10	**Maintenance Service During Warranty Period**			
10.1	Standard warranty conditions are applicable.			
11	**Installation and Commissioning**			
11.1	Must supply preassembled unit, ready to use.			
12	**Documentation**			
12.1	User's manual shall be supplied in English.			

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.

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TECHINICAL SPECIFICATION FOR BED SIDE MONITOR (ICU)

S.N.	Purchaser's Specifications	Bidder's Compliance Sheeet		
	Bed Side Monitor (ICU)	**Yes/no**	**page no in catalogue**	**Remarks**
	Manufacturer			
	Brand			
	Type / Model			
	Country of origin			
1	**Description of Function**			
1.1	Advance high end vital signs monitoring of all patient categories, at bedside, OT or during transportation applicable for Adult, Pediatric and neonatal application			
2	**Operational Requirements**			
2.1	It shall operate on AC power supply as well as built-in battery.			
3	**System Configuration**			
3.1	Multi Parameter Patient Monitor, portable with complete accessories			
4	**Technical Specifications**			
A	Monitor must be able to monitor ECG, Respiration, SpO2, NIBP, Temperature.			
B	12" or more High Resolution TFT Display. Customized display of parameters			
C	Should have Adult, Pediatric and Neonatal measurement Modes.			
D	**Monitoring parameters:** ECG, Respiration, SpO2, NIBP, Heart Rate, Temperature (2), etc.			
E	**ECG:** 3/5 Lead Selectable, Multiple Gain selection, variable Sweep Speeds, wide HR range (approx30-300 bpm) or wider with high accuracy (±5 bpm), Arrhythmia Analysis, ST Analysis & provide real time ST Complex view with Reference, Audibale and Visual Alarm with Events Recalling facility.			
F	**Respiration:** Thoracic -Impedance type, Wide RR range (5-120 bpm or wider), Adjustable Apnoea Alarm facility).			

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S.N.	Purchaser's Specifications	Bidder's Compliance Sheeet		
	Bed Side Monitor (ICU)	**Yes/no**	**page no in catalogue**	**Remarks**
G	**SpO2:** Masimo or Nelcor Probe. Range 1-100% with high accuracy (± 2% for 70-100%), selectable Plethysmographic Display and accurate Pulse Rate measurement (upto 250 bpm with accuracy of ± 2 bpm or 2% , whichever is greater), Perfusion Index, Audible and Visual alarms			
H	**NIBP:** Measurement by Oscillometric method, Manual/Auto/STAT modes of operation for adult and pediatric, Manual and Auto for Neonates, Auto measurement: At selectable intervals, Measurement Range: 10-270 mmHg or more.			
I	**Temperature:** Wide range (Atleast 10 - 45^{0}C), Celsius and Fahrenheit selectable, alarms. The monitoring system capable enough to monitor dual temperature at a same time along with temperature difference also.			
J	**Patient Protection:** All patients connections must be electrically isolated. System should be Defibrillator and Cautry protected.			
K	Monitor must have internal Rechargable Lithium Ion Battery with more than 90 minutes of battery backup.			
L	Should be light weight (less than 7 Kgs including Batteries).			
M	Compatible wall mount stand should be provided along with the monitoring system.			
N	Must have Alarm limit display on main screen with audible alarms			
O	facility for monitoring of Drug Dose Calculation, Hemodynamcis Monitoring, Renal Profile, Ventilation and Oxygenation Calculations adds advantage.			
P	Should have network capability to connect central monitoring system.			
5	**Accessories, spares and consumables**			
A	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.			

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S.N.	Purchaser's Specifications	Bidder's Compliance Sheeet		
	Bed Side Monitor (ICU)	**Yes/no**	**page no in catalogue**	**Remarks**
B	ECG Cable, Adult & Neonate SpO2 Probes (Masimo/Nelcor), NIBP Cuff (Adult, Neonate). Each must be included in the offer.			
6	**Operating Environment**			
A	The system offered shall be designed to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature, Humidity, etc.			
B	Power supply: 220 – 240 VAC, 50Hz fitted with appropriate plug			
7	**Standards and Safety Requirements**			
	Must submit ISO 13485 for medical devices and CE (93/42 EEC Directives) or USFDA & IEC 60601 electrical safety certificates.			
9	**Warranty (Written Document)**			
A	Warranty Period: 2 years			
B	During warranty period, supplier must perform bi-annual preventive maintenance and callibration of the system.			
C	During the warranty period supplier must ensure corrective/breakdown maintenance whenever required			
10	**Installation and Commissioning**			
	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.			
11	**Documentation**			
A	User (Operating) manual in English			
B	Service (Technical / Maintenance) manual in English			
C	Certificate of calibration and inspection from factory.			

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TECHINICAL SPECIFICATION OF ECG MACHINE, 12 CHANNEL

S. N.	Purchaser's Specifications	Bidder's Compliance Sheet		
	ECG Machine 12 Channel	**Yes/No**	**Page no in catalogue**	**Remarks**
	Manufacturer			
	Brand			
	Type/Model			
	Country of Origin			
1	**Description of Function**			
1.1	ECG Machine is primary equipment to record ECG Signal in various configurations.			
2	**Operational Requirements**			
2.1	Digital ECG machine must be able to acquire Simultaneous 12 channel ECG recording with auto reporting system.			
3	**Technical Specifications**			
3.1	Should have 6 inch or more LCD display, 12-lead simultaneously acquisitions			
3.2	HR detection alarm and pacemaker detection support			
3.3	Reliable automatic measurement and interpretation system			
3.4	Quick acquisition and stability. Waveform should be stable within 5 second.			
3.5	Should have patient ECG data storage with auto save function.			
3.6	Freeze, pre-10 second print and trigger print function to observe any abnormal ECG waveform.			
3.7	Machine should printer to achieve A4 size report output.			
3.8	Patient data: Date, time, ID, name, gender, age, height, weight, blood pressure, etc.			
3.9	Lead: 12 standard leads			
3.10	Input impedance:aaaaaap proxapprox. Approx..≥50MΩ(10Hz)			
3.11	Input circuit aaaacurrent:approx Approx..≤50nA			
3.12	Sensitivity: Auto, 2.5, 5, 10, 20,40 (mm/mV) ±5 %			

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3.13	Measurement: HR, PR/QT/QTC Interval, P/QRS/T Axis etc.			
3.14	System data: Sensitivity, paper speed, filter on/off, hospital name, etc			
4	**Accessories, spares and consumables**			
4.1	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			
5	**Operating Environment**			
5.1	The system offered shall be designed to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature, Humidity, etc.			
	Power supply: 220 – 240 VAC, 50Hz fitted with appropriate plug			
6	**Standards and Safety Requirements**			
6.1	Must submit ISO 9001 or ISO 13485:2003/AC:2007 for medical devices			
6.2	CE (93/42 EEC Directives) and/or USFDA approved product certificate			
7	**User Training**			
7.1	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.			

S. N.	Purchaser's Specifications **ECG Machine 12 Channel.**			
8	**Warranty**			
8.1	Comprehensive Warranty for 1 year.			
8.2	During the warranty period supplier must ensure corrective/breakdown maintenance whenever required.			
9	**Installation and Commissioning**			
9.1	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.			
10	**Documentation**			
10.1	User (Operating) manual in English.			
10.2	Technical / Maintenance manual in English.			

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