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 बाधा पर्ने छैन ।

कार्यालय प्रमुख

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, ईमेल:-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 BED WITH RADIANT WARMER

S.N	Purchaser's Specifications	Bidder's Compliance Sheeet		
	Bed with Radiant Warmer	Yes/No	Page No. in Catalogue	Remarks
	Manufacturer:			
	Brand:			
	Type/Model:			
	Country of Origin:			
1	**Description of Function**			
1.1	A radiant warmer is used to keep the patient's core temperature stable at 37 °C.			
2	**Operational Requirements**			
2.1	It shall be microprocessor controlled radiant warmer with manual and servo options.			
3	**System Configuration**			
3.1	Radiant Warmer with Baby Bassinet, complete unit with all standard accessories.			
4	**Technical Specifications**			
4.1	It must have facility to display both skin and air (ambient) temperature separately.			
4.2	It shall have audio-visual alarm facilities for:			
	· Overheating beyond set temperature range.			
	· Patient temperature less than or greater than the required temperature i.e. above or below the set range.			
	· Power failure.			
	· Heater failure.			
	· Probe failure.			
	· Time out alarm in manual mode.			
4.3	It must have manual setting for high and low alarm setting.			
4.4	The light must be dazzle free.			
4.5	In servo mode, the heater output must be controlled to maintain the baby at the required set temperature.			
4.7	In manual mode, the heater output must be directly controlled by a setting on the front panel.			
4.8	The desired temperature range from 25 to 40°C.			
4.9	The resolution must be 0.1°C.			
4.10	The height of the warmer must be adjustable for different types of bed.			
4.11	Halogen based observation light must be provided for observing the baby.			
4.12	It must be mounted on a pole with sturdy base with lockable castors.			
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.			
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	Shall be certified to meet ISO13485 for Medical Devices AND			
7.2	CE(EEC derivetives) or USFDA approved product certificate.			
8	**User Training**			

कार्यालय प्रमुख

S.N	Purchaser's Specifications	Bidder's Compliance Sheeet		
	Bed with Radiant Warmer	Yes/No	Page No. in Catalogue	Remarks
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.			
12.3	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.

कार्यालय प्रमुख

TECHINICAL SPECIFICATION FOR SUCTION PUMP

S.N.	Purchaser's Specifications	Bidder's Compliance Sheeet		
	Suction Pump	**Yes/No**	**Page No. in Catalogue**	**Remarks**
	Manufacturer			
	Brand			
	Type / Model			
	Country of Origin			
1	**Description of Function**			
	To extract fluid from the body during surgery or emergency treatments.			
2	**Operational Requirements**			
	An electric double jar suction pump for surgical use.			
3	**System Configuration**			
	Suction machine with standard accessories.			
4	**Technical Specifications**			
A	It must be a HIVAC suction unit mounted on 4 swivel castor.			
B	Come with suction controller and vacuum gauge / indicator.			
C	The pumped liquid shall be sealed off from the pump.			
D	Vacuum rate shall be from 0 to not less than 750 mmHg.			
E	Air flow rate shall be at least 50 l/min.			
F	The pump shall come fitted with unbreakable, transparent, autoclaveable polycarbonate suction bottle(s) minimum 1 litre each.			
G	The suction bottles shall come with overflow lid.			
5	**Accessories, spares and consumables**			
	Accessories:			
	· Electrical cable: 1 minimum 3 meter length			
	· Suction Tubing Set: 1 sets			
	· Bacterial filter: 0.3 micron, 10 pcs			
	· Spare unbreakable, transparent, autoclaveable polycarbonate suction bottle 2L: 1set			
	· Disposable Suction Tubes (Size: 6Fr & 8Fr): 10 Units Each.			
	· Hand switch OR foot switch with cables for operating easily.			
6	**Operating Environment**			
A	The product offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country.			
B	Must operate on 220-240V AC as well as Manual Foot Pump.			
7	**Standards and Safety Requirements**			
A	Must submit ISO 13485 AND CE Certification.			
B	Shall meet IEC-60601-1-2 General Requirements of Safety for equipment.			
8	**User Training**			
	Not applicable.			
9	**Warranty**			
	Warranty for 1year.			

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.

कार्यालय प्रमुख

TECHINICAL SPECIFICATION FOR BED SIDE MONITOR

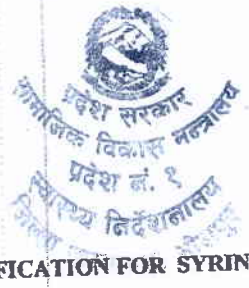
S.N.	Purchaser's Specifications Bed Side Monitor (Multi-parameter Patient Monitor)	Bidder's Compliance Sheeet Yes/No	Page No. in Catalogue	Remarks
	Manufacturer			
	Brand			
	Type / Model			
	Country of origin			
1	**Description of Function**			
	Advance high end vital signs monitoring of all patient categories, at bedside, ICU or during transportation applicable for, Pediatric and neonatal application			
2	**Operational Requirements**			
	It shall operate on AC power supply as well as built-in battery.			
3	**System Configuration**			
	Multi Parameter Patient Monitor, portable with complete accessories			
4	**Technical Specifications**			
A	Monitor must be able to monitor ECG, Respiration, SpO2, NIBP & Temperature.			
B	10" or more High Resolution TFT Display. Customized touch screen display..			
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 (30-300 bpm) or wider with high accuracy (±5 bpm), Arrhythmia Analysis, ST Analysis & provide real time ST Complex view with Reference, Pacemaker Detection, Audibale and Visual Alarm with Events Recalling facility.			
F	**Respiration:** Thoracic -Impedance type, Wide RR range (upto120 bpm), Adjustable Apnoea Alarm facility).			
G	**SpO2:** Dual Wavelength LED, Masimo or Nelcor Probe preferred. 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:** 2 Channels; 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 5 Kgs including Batteries).			
M	Compatible wall mount stand should be provided along with the monitoring system.			
5	**Accessories, spares and consumables**			

कार्यालय प्रमुख

S.N.	Purchaser's Specifications	Bidder's Compliance Sheeet		
	Bed Side Monitor (Multi-parameter Patient Monitor)	Yes/No	Page No. in Catalogue	Remarks
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.			
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**			
	shall be certificate to meet ISO 13485 for medical devices, CE(EEC) &/OR USFDA, IEC 60601 electrical safety certificates.			
9	**Warranty (Written Document)**			
A	Warranty Period: 2 years			
B	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.			

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.

कार्यालय प्रमुख



TECHINICAL SPECIFICATION FOR SYRINGE PUMP

S.N	Purchaser's Specifications	Bidder's Compliance Sheeet		
		Yes/No	Page No. in Catalogue	Remarks
	Syringe Pump			
	Manufacturer:			
	Brand:			
	Type/Model:			
	Country of Origin:			
1	**Description of Function**			
1.1	The Syringe Infusion Pump provides uniform flow of fluid by precisely driving the plunger of a syringe down its barrel. It provides accurate and continuous flow rate for precise delivery of I.V. medication in critical medical care.			
2	**Operational Requirements**			
2.1	The syringe pump must be programmable, user friendly, safe to use and must have battery backup and comprehensive alarm system. This must be able to integrate in the HIS.			
3	**System Configuration**			
3.1	Syringe infusion pump with battery backup alarm and with complete accessories.			
4	**Technical Specifications**			
4.1	Flow rate programmable from 0.1 to 200 ml/hr. or more in steps of 0.1 ml/hr. with user selectable flow set rate option. SAVE last infusion rate even when the AC power is switched OFF.			
4.2	Bolus rate must be programmable to 400 – 500 ml/hr. or more with infused volume display. Reminder audio after every 0.5 ml delivered bolus. SAVE last Bolus rate even when the AC power is switched OFF.			
4.3				
4.4	Keep Vein Open (KVO) must be available. User must have choice to disable KVO whenever desired.			
4.5	Selectable Occlusion pressure trigger levels selectable.			
4.6	Must Work on commonly available 20, 50/60 ml Syringes.			
4.7	Automatic detection of syringe size & proper fixing. Must provide alarm for wrong loading of syringe such as flanges out of slot; disengaged plunger, unsecured barrel etc.			
4.8	Anti-bolus system to reduce pressure on sudden release of occlusion			
4.9	Must have comprehensive alarm package including: Occlusion limit exceed alarm, near end of infusion pre-alarm & alarm, Volume limit pre-alarm & alarm, KVO rate flow, Low battery pre-alarm and alarm, AC power failure, Drive disengaged and preventive maintenance.			
4.1	Rechargeable Battery having at least 3 hour backup for about 5ml/hr. flow rate with 50ml syringes. Larger battery life and indication of residual life will be preferred.			
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 be stored 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**			

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S.N	Purchaser's Specifications	Bidder's Compliance Sheeet		
	Syringe Pump	Yes/No	Page No. in Catalogue	Remarks
7.1	Shall be certified to meet ISO13485:2003/AC:2007 for Medical Devices **AND**			
7.2	CE (EC Directives) or USFDA.			
7.4	Must meet spraying water protection, water ingress.			
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	Service (Technical / Maintenance) manual in English			
12.3	Certificate of calibration and inspection from factory.			

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कार्यालय प्रमुख

TECHINICAL SPECIFICATION FOR BUBBLE CPAP MACHINE

S.N	Purchaser's Specifications	Bidder's compliance Sheeet		
	CPAP Machine	**YES/No**	**Page no in catalogue**	**Remarks**
	Manufacturer:			
	Brand:			
	Type/Model:			
	Country of Origin:			
1	**Description Of Function**			
	CPAP stands for Continuous Positive Airway Pressure. CPAP works by blowing air into the throat, subtly increasing air pressure in the throat and preventing the airway from narrowing.Bubble CPAP system Suitable for normal, premature, and low brithweight neonates and infants with spontaneous breathing.			
2	**Operational Requirements**			
	Bubble CPAP system Suitable for normal, premature, and low brithweight neonates and infants with spontaneous breathing.			
3	**System Configuration**			
	System composed by a CPAP generator, a humidifier and an air/oxygen mixer, compressor etc.			
4	**Technical Specifications**			
A	Modes: auto & manual			
B	Fio2: (21 to 100)%			
C	CPAP level: PEEP pressure :3-10 cm H2O			
D	Patient Pressure monitoring system			
E	warm up time : approx 30 min			
F	Safety Alarms during Patient Circuit Disconnection / Leak			
G	Should have function of Recording Patients Data and Trends			
H	Should have In built oil free Dry Air Compressor			
I	Should have Separate Flowmeter & flow controller			
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. Bidders must specify the quantity of every item included in their offer (including items not specified above)			
6	**Operating Environment**			
A	The product offered shall be designed to be stored and to operate normally under the conditions of Nepal. The conditions include power supply, climate, temperature, humidity etc.			
B	**Power Supply**: 220-240V/ 50 Hz AC single phase fitted with appropriate plug to meet Nepal requirements.			
7	**Standards and Safety Requirements**			
	This unit shall be certified to meet ISO 13485, CE(EEC derivetives) and/or FDA certification.			
8	**User/Techincian Training**			

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S.N	Purchaser's Specifications	Bidder's compliance Sheeet		
	CPAP Machine	**YES/No**	**Page no in catalogue**	**Remarks**
	Must provide user/techinician training.			
9	**Warranty (Written Document)**			
A	Comprehensive Warranty for 2 years			
B	During 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 accessories with their part number and costing.			

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कार्यालय प्रमुख

Techinical Specification for Infusion Pump

S.N.	Purchaser's Specifications	Bidder's compliance Sheeet		
	Infusion Pump	yes/no	page no in catalogue	remarks
	Manufacturer			
	Brand			
	Type / Model			
	Country of Origin			
1	**Description of Function**			
1.1	The infusion pump provides uniform flow of fluid by precisely driving the plunger of a liquid (NS, Glucose, etc.). It provides accurate and continuous flow rate for precise deliver of I.V. medication in critical medical care.			
2	**Operational Requirements**			
2.1	Infusion Pump with complete accessories.			
3	**System Configuration**			
3.1	Infusion Pump with battery back up system.			
4	**Technical Specifications**			
4.1	Should come factory calibrated with at least 2 types of commonly used infusion set.			
4.2	Should have option of onsite calibration of at least 5 types of different infusion set.			
4.3	Shall have a LED/LCD display with backlight and graphical display of infusion.			
4.4	Should have at least three Occlusion Level Settings.			
4.5	It shall have facility of audible and visual alarm for occlusion pressure, air alarm, door open, empty, low battery.			
4.6	Should have Ultrasonic Buddle Detector.			
4.7	Should Have Option of On/Off and adjustable KVO from 1-5ml/Hr.			
4.8	Should have Built in Lithium Iron battery with a backup of at least 5 hour.			
4.9	Should have RS 232 for Bidirectional communication.			
4.10	Infusion Rate 1ml/hr to 1200ml/Hr			
4.11	Should be able to set two infusion programmes at a time.			
4.12	Shall have a flow rate accuracy of ±5%			
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)			

कार्यालय प्रमुख

6	**Operating Environment**			
6.1	The system offered must be designed to store and be operated normally under the condition of the purchaser's country. The conditions include climate, temperature and relative humidity.			
6.2	Power supply: 220-240 V AC/ 50 Hz, fitted with appropriate plug type D round 3 pins. The power cable must be minimum 2.5 meters long			
7	**Standards and Safety Requirements**			
7.1	Must submit ISO13485:2003/AC:2007 for Medical Devices AND.			
7.2	CE (93/42 EEC Directives) or USFDA 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 year after installation			
10	**Maintenance Service During Warranty Period**			
10.1	During warranty period supplier must ensure preventive maintenance and corrective/breakdown maintenance whenever required.			
11	**Installation and Commissioning**			
11.1	Supplier must accomplish proper installation and commissioning of the equipment onsite.			
12	**Documentation**			
12.1	User (Operating) manual in English.			
12.2	Service (Technical / Maintenance) manual in English.			
12.3	Certificate of calibration and inspection from factory.			

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कार्यालय प्रमुख

TECHINICAL SPECIFICATION FOR PHOTOTHERAPY UNIT (LED)

S.N	Purchaser's Specifications	Bidder's Compliance Sheeet		
	Phototherapy Unit (LED)	Yes/No	Page No. in Catalogue	Remarks
	Manufacturer:			
	Brand:			
	Type/Model:			
	Country of Origin:			
1	**Description of Function**			
1.1	Phototherapy units are used to treat hyperbilirubinemia, a condition characterized by high bilirubin concentrations in the blood. These units are also called: bilirubin lamps, bilirubin lights, fibreoptic phototherapy blankets, neonatal phototherapy units			
2	**Operational Requirements**			
2.1	It is for treatment to reducing high concentrations of bilirubin in neonates			
3	**System Configuration**			
3.1	Phototherapy unit with complete accessories.			
4	**Technical Specifications**			
4.1	**Phototherapy Unit:**			
	The light housing shall be made of mild steel construction with anti-corrosive and antirust treated epoxy powder coating washable finishes.			
	White light is to provide lighting for diagnosis and observation.			
	Blue and white light shall have separate switch and be switched on/ off separately.			
	Wavelength: Peak between 450 and 460nm.			
	Irradiance at skin level approx 50 µW/cm2/nm			
	The phototherapy shall come with a quiet, no noise built-in fan.			
	The phototherapy light housing shall be rotatable with locking mechanism.			
4.2	**Mobile Stand :**			
	The light housing shall be mounted on a rectangular mobile stand with at least four 75mm (approx.) robust swivelling castors with non-marking grey tyres and with at least 2 diagonal castors come with lockable brakes.			
	Must come with a screw-locking knob for height adjustment.			
	The phototherapy unit must be stable and must not shake when moving.			
	The joints or welded spots of the phototherapy unit must be strongly and properly welded and smoothly polished.			
5	**Accessories, spares and consumables**			
5.2	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	Shall be certified to meet ISO13485:2003/AC:2007 for Medical Devices **AND**			
7.2	CE(EEC Derivetives) or USFDA.			
8	**User Training**			

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S.N	Purchaser's Specifications	Bidder's Compliance Sheeet		
	Phototherapy Unit (LED)	Yes/No	Page No. in Catalogue	Remarks
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	**Documentations**			
12.1	User (Operating) manual in English.			
12.2	Service (Technical / Maintenance) manual in English.			
12.3	Certificate of calibration and inspection from factory.			

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कार्यालय प्रमुख

TECHINICAL SPECIFICATION FOR TROLLEY, MEDICINE

S.N	Purchaser's Specifications	Bidder's Compliance Sheeet		
	Trolley, Medicine	Yes/No	Page No. in Catalogue	Remarks
	Manufacturer:			
	Brand:			
	Type/Model:			
	Country of Origin:			
1	**Description of Function**			
1.1	A medicine/drug trolley for storage and delivery of medicines and drugs to patients in wards of healthcare facilities.			
2	**Operational Requirements**			
2.1	Stainless steel medicine trolley with swivel castors.			
3	**System Configuration**			
3.1	Medicine Trolley, complete unit.			
4	**Technical Specifications**			
4.1	It shall be constructed fully with 304 grade stainless steel sheet and tube or better.			
4.2	Overall size: approximately 650× 475× 970mm.			
4.3	Frame work made up of M.S. or SS tubes.			
4.4	Multiple drawers (minimum 5) made of high quality materials with telescopic channels, below the platform.			
4.5	Equipped with lock key system adds advantage.			
4.6	Shall be mobile on 4 x 100mm diameter (approx.) robust 360 deg. anti-rust, anti-static, noiseless, swivel castors & shall have brakes.			
5	**Accessories, spares and consumables**			
5.1	To be supplied with all standard accessories, spares and consumables for complete functionality of the product.			
6	**Operating Environment**			

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कार्यालय प्रमुख

S.N	Purchaser's Specifications	Bidder's Compliance Sheeet		
	Trolley, Medicine	**Yes/No**	**Page No. in Catalogue**	**Remarks**
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	Shall be certified to meet ISO 9001 or ISO 13485:2003/AC:2007 and			
7.2	CE approved product certificate.			
8	**User Training**			
8.1	Not applicable.			
9	**Warranty**			
9.1	Warranty for 1 year after acceptance.			
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.			

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