धनगढी उप-महानगरपालिका

नगर कार्यपालिकाको कार्यालय

धनगढी, कैलाली

सुदूरपश्चिम प्रदेश, नेपाल |

दररेट पेश गर्ने सम्बन्धी सूचना

प्रकाशित मिति: २०८०/०४/१५

१. धनगढी उप-महानगरपालिकाद्वारा विभिन्न सप्लायर्स संग तपसिल बमोजिमको खरिद कार्य गर्नका लागी दररेट पेश गर्नका लागी यो सूचना प्रकाशित गरिएको छ।

क्र. स.	विवरण	जम्मा रकम (मु. अ. क. बाहेक)	दररेट पेश गर्ने अन्तिम समय	कैफियत
1	Procurement for the Supply and Delivery of Laboratory Items	8,24,700	(6th Aug 2023) 2080/04/21 B.S. 05:00 PM	

२. दररेट पेश गर्ने सप्लायर्सले अनिवार्य रुपमा दररेट पेश गर्ने व्यहोरा सम्बन्धको लिखित निवेदन सहित नवीकरण भएको फर्म/ कम्पनी दर्ता प्रमाणपत्रको प्रतिलिपि, नविकरण भएको व्यवसाय दर्ता प्रमाणपत्रको प्रतिलिपि, मु. अ. क. दर्ता प्रमाणपत्रको प्रतिलिपि, उपलब्ध गराउने सामाग्रीहरुको Quality पुष्टयाई हुने कागजातहरु Catlogue, Quality Certificate र आ. व. २०७८/०७९ को करचुक्ता प्रमाणपत्रको प्रतिलिपि अनिवार्य रुपमा संग्लग्न गरि पेश गर्नुपर्ने छ।

३. उक्त कार्यको लागी आवश्यक BoQ, Specification यस कार्यालयको वेबसाइट http://www.dhangadhimun.gov.np बाट डाउनलोड गर्न सकिनेछ।

४. BoQ मा आफुले कबोल गरेको रकम अंक र अक्षरमा स्पस्ट बुझिने गरि लेखेर पेश गर्नुपर्ने छ।

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प्रमुख प्रशासकीय अधिकृत

रामलाल शेष्ठ

प्रमुख प्रशासकीय अधिकृत

(रा.प.प्रथम श्रेणी)

Dhangadhi Sub-Metropolitan City
Bill of Quantities

Name of Works: Procurement for the Supply and Delivery of Medical/Laboratory equipment

S.N.	Description of Works	Unit	Strength	Quantity	Rate (NRs) Per unit		Amount (NRs.)	Remarks
					In figure	In words		
1	ECG Machine	Pc	as specified in Technical Specification attached.	1			रामलाल शेष प्रमुख प्रशासकीय अधिकृत (रा.प.प्रथम श्रेणी)	
2	Centrifuse Machine	Pc	as specified in Technical Specification attached.	1				
3	Colorimeter	Pc	as specified in Technical Specification attached.	1				
4	Haematology Analyser	Pc	as specified in Technical Specification attached.	1				
5	Glucometer with strip	Pc	as specified in Technical Specification attached.	1				

Name of Suppliers

Stamp

Date and Signature

Dhangadhi Sub-Metropolitan City
Bill of Quantities

Name of Works: Procurement for the Supply and Delivery of Medical/Laboratory equipment

S.N.	Description of Works	Unit	Strength	Quantity	Rate (NRs) Per unit		Amount (NRs.)	Remarks
					In figure	In words		
6	VDRL	Pc	as specified in Technical Specification attached.	500				
7	EDTA Tube	Pc	as specified in Technical Specification attached.	1000				
8	Plane Tube	Pc	as specified in Technical Specification attached.	1000				
9	Tips Small	Pc	as specified in Technical Specification attached.	1000				
10	Tips Large	Pc	as specified in Technical Specification attached.	1000				

Name of Suppliers Stamp Date and Signature

Dhangadhi Sub-Metropolitan City
Bill of Quantities

Name of Works: Procurement for the Supply and Delivery of Medical/Laboratory equipment

S.N.	Description of Works	Unit	Strength	Quantity	Rate (NRs) Per unit		Amount (NRs.)	Remarks
					In figure	In words		
11	Disposable Syringe 3ml	Pc	as specified in Technical Specification attached.	3000				
12	Disposable Syringe 5ml	Pc	as specified in Technical Specification attached.	3000				
				Total Bidding amount in Nrs.				
				VAT @13%]				
				Total Including VAT				
Total In Words:								

Name of Suppliers

Stamp

Date and Signature

Required Technical Specification

1. ECG Machine, Portable

S.N.	Purchaser's Specifications	
	ECG Machine, Portable (12 Channel)	
	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	Portable digital ECG machine must be able to acquire all 12 Leads simultaneously.	
3	**System Configuration**	
3.1	Portable digital ECG machine with complete accessories	
4	**Technical Specifications**	
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	Alphanumeric keyboard with function keys.	
4.4	Filter setting for line-frequency (50 or 60Hz).	
4.5	Continuous check on the quality of electrodes connection, audio visual alert on loss of signal	
4.6	Appropriately protected for operation during defibrillation.	
4.7	Alphanumeric LCD display, approximately: 5 inches or more display size.	
4.8	Front panel provides indication of system and battery status, electrode.	
4.9	Built-in high-resolution thermal printer	
4.10	Print-out on folded or roll thermo-reactive paper, format A4.	
4.11	Number of channels printed is user selectable: 3, 6 or 12.	
4.12	Combination of channels printed is standard and user selectable and with copy function.	
4.13	Paper speed, user adjustable: 5, 25 and 50mm/sec.	
4.14	Sensitivity automatic or user selectable: 5, 10 and 20mm/mV ,	
4.15	Data interface: RS232 or equivalent	
4.16	Transformer, charger and rechargeable battery integrated in device.	
4.17	With internal re-chargeable battery	
5	**Accessories, spares and consumables**	

5.1	**Accessories:** • Patient cable-1 no. • Reusable chest electrodes, suction ball-type- 1 Set. • Extremity clamp electrodes, reusable- 1 Set. • Box of A4 recording paper- 1 Packet. • Set of spare fuses- 1set • Bottles of electrode gel, approximately 350ml- 2nos.
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 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: 220–240V AC, 50Hz fitted with appropriate plug type D round 3 pins. The power cable must be at least 3 metre in length.
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 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	Supplier must accomplish proper installation and commissioning of the equipment on site.
12	**Documentation**
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.
12.4	Certificate of calibration and inspection from factory.

2. Centrifuge Machine

S.N.	Purchaser's Specifications	
	Centrifuge	
	Manufacturer	
	Brand	
	Type / Model	
	Country of Origin	
1	**Description of Function**	
1.1	Centrifuges are required in the Laboratory to separate various components of Blood and any other liquid sample for analysis	
2	**Operational Requirements**	
2.1	Table top version	
3	**System Configuration**	
3.1	Centrifuge complete with Swing and basic rotors.	
4	**Technical Specifications**	
4.1	Tube Capacity :No. 8 – 12 : Size 5 – 15 ml	
4.2	Must have at least 5 step speed regulator.	
4.3	Body Must be made of strong fabricated & corrosion resistant steel	
4.4	Must have Door interlock facility	
4.5	RPM : 3500 or above	
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 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 **AND**	
7.2	Must submit 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 1 years from acceptance.	
10	**Maintenance Service During Warranty Period**	

S.N.	Purchaser's Specifications
10.1	During the warranty period supplier must ensure planned preventive maintenance (PPM) and 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	List of important spare parts and accessories with their part number and costing.
12.4	Certificate of calibration and inspection from factory.

3. Colorimeter

S.N.	Purchaser's Specifications	
	Colorimeter	
	Manufacturer	
	Brand	
	Type / Model	
	Country of Origin	
1	**Description of Function**	
1.1	General purpose colorimeter use in clinical laboratory.	
2	**Operational Requirements**	
2.1	Microprocessor controlled system.	
3	**System Configuration**	
3.1	Colorimeter with complete accessories.	
4	**Technical Specifications**	
4.1	Must have 8 no of filters wave length from 400 nm to 700 nm.	
4.2	Must have a 3 digit LED display calibrated directly in optical density.	
4.3	Detector must be encased spill proof photocell.	
4.4	Must have facilities for concentration, calculation, percentage transmission and optical density.	
4.5	Lamp source: Broad spectrum LED, covering full visible range	
5	**Accessories, spares and consumables**	
5.1	**Accessories:** • Turret-mounted filters • Cuvettes: 10 nos. • Test tube stand: 02 nos.	

S.N.	Purchaser's Specifications
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 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 ISO13485:2003/AC:2007 for Medical Devices **AND**
7.2	CE (93/42 EEC Directives) or USFDA approved product certificate.
7.3	Shall meet IEC 61010-1 safety requirements for electrical equipment for measurement, control, and laboratory use.
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 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	Supplier must accomplish proper installation and commissioning of the equipment on site.
12	**Documentation**
12.1	User (Operating) manual in English.
12.2	Service (Technical / Maintenance) manual in English.
12.3	Certificate of calibration and inspection.
12.4	List of important spare parts and accessories with their part numbers and costing.

4. Hematology Analyser

S.N.	Purchaser's Technical Specifications	
	Fully auto 3 Diff Auto Hematology Analyzer	
	Manufacturer	
	Brand	
	Type / Model	
	Country of Origin	
1.	**Description of Function**	

1.1	Automated hematology analyzer or complete blood cell counter is used to count various types of blood cells in the blood.
2.	**Operational Requirements**
2.1	Fully automated 3 parts differential hematology analyzer.
3.	**System Configuration**
3.1	Fully Automated Hematology Analyzer, complete unit with all standard reagents, consumables and accessories.
4.	**Technical Specifications**
4.1	The instrument shall have random access discrete analysis modes for CBC.
4.2	The instrument shall have facility to report 18 or more parameters.
4.3	The instrument shall have large Touch screen LCD display.
4.4	Shall have: • WBC Scattergram • RBC and PLT histograms.
4.5	The instrument must have throughput upto 60 tests/hour or more.
4.6	The sample aspiration volume must not be more than 50µl for whole blood.
4.7	Principle of working: Impedance method or equivalent for RBC and PLT counting.
4.8	Should have better resolution.
4.9	It shall have flagging system for various parameters and results.
4.10	Various sensors must check the condition of the instrument, if any abnormality is detected, an error message be displayed so that occurrence of trouble is prevented.
4.11	It must have thermal printer and shall support LIS.
4.12	Quality assurance system with calibrators & controls.
4.13	It must have Bar code reader for reagent and sample reading.
4.14	The analyzer must store at least 1000 results or more with histogram.
4.15	Shall have built-in USB2.0 or equivalent, for allowing data transfer.
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 product 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: 220-240VAC, 50Hz fitted with appropriate plug type D (3 pins). The power cable must be minimum 3 meter long.
7.	**Standards and Safety Requirements**

7.1	Must submit ISO13485:2003/AC:2007 for Medical Devices
7.2	Must submit CE (98/79 EC Directives) **or** USFDA(510k) approved certificates.
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 acceptance.
10.	**Maintenance Service During Warranty Period**
10.1	During the warranty period supplier must ensure preventive maintenance and 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	List of important spare parts and accessories with their part numbers and costing.
12.4	Certificate of calibration and inspection from factory.

5. Glucometer

S.N	Purchaser's Specifications
	Manufacturer
	Brand
	Type / Model
	Country of Origin
	General Technical Requirement for Portable handheld Glucometer with lancing device.
	Range/Linearity: 20 to 500 mg/dl.
	Maximum reading time: Less than 10 seconds.
	Size of blood samples required for test: Less than 1.5 microliters.
	Memory capacity: At least 50 test results.
	Accuracy: +/- 10%.
	Reproducibility: +/- 5%
	Settings: Should have automatic code detection facility, time and date and display of sugar in mg/dl. viii. Software-Inbuilt software should be available and should have facility to ensure accuracy of measurement.
	Configuration: Should use electro chemical technology.
	Power requirements: Shall be battery operated 3 volt lithium ion cell battery or 2x (AAA) Alkaline battery. Battery should be supplied with item and should last at least 1000 tests.
	Atmospheric conditions: The Glucometer should be capable of being stored in ambient temperature range 0 to 50 degree centigrade and relative humidity of 15 to 90%. Further it should be capable of operating continuously in ambient temperature of 10 to 50 degree centigrade and relative humidity of 15 to 90%.
	Cleaning disinfection and sterilization: The unit should be cleanable and sterlizable with alcohol.
	Certifications applicable: FDA (US)/CE (EU) - BIS/ISO 13485 2003:ISO:15197-2013
	Training: Training for medical, para medical and technical staff to be provided.
	Warranty: Should have life time replacement warranty for 3 years.

S.N	Purchaser's Specifications
	Operating Manual: The operating instructions and manuals are to be supplied.
	Service support: Should be available and details of service centres to be declared. Toll free number facility for service complaints should be available.On-line complaint portal should be declared.
	Data transfer: Item should have data transfer facility through USB device. General Technical
	Requirements for Glucostrips for Glucometer.
	The Glucostrips shall be available in the local market all over Nepal.
	The shelf life shall be 12 months.
	Strip should work minimum 3 months from the opening of the pack.
	The strip should be able to use capillary blood samples.
	Control solution/calibre stick to check the reliability of the strips to be supplied and quantity should be appropriate for 5oo tests.
	Standard manual, carrying case, one set of standard battery to be supplied with the item.
	General Technical Requirements for Single Use Pressure Activator auto disable safety lancet.
	Pre loaded Pressure operated.
	Easy handling, two step operation and button operated design.
	The lancet are required to be auto disabled and should be usable only once.
	Needle is fully shielded before and after use.
	Automatically retracts the needle into casing after sampling.
	3 edged, high quality ultra-sharp needle, which can rapidly penetrate skin to reduce patient's pain.
	Penetration depth to suit capillary blood requirement(Adjustable)
	Test and Diagnosis of blood glucose.
	Protect the user from risk of blood borne infection.

6. Disposable Syringe

Disposable Suringe	
General	Disposable syringe
	Sterile, Non -toxic, non-pyrogenic ISO certified.
	3ml, 5 ml/ 23G*1 1/2"
Basic Unit	1pc
Packaging	Basic unit 1 pc with appropriate air proof packing.
Special Storage	Store at room temperature, protected from moisture and light.
Shelf Life	Minimum 24 Months. At least 3/4th shelf life must be available at the time of delivery to the designated store.

7. VDRL Kit		
Name of Goods or related Services	**Technical Description, specification and standards**	
	Particualrs	**Unit**
VDRL Test Kit	Kit used for screening test of syphilis sensitivity>99%, speificity>99%, 50 tests per kit ISO Certified	Kit

8. Tips		
Name of Goods or related Services	**Technical Description, specification and standards**	
	Particualrs	**Unit**
Tips (Large size/ Small size	Small size (1000 tips per packet)	Pc
	Large size (500 tips per packet)	Pc

9. EDTA Tube		
Name of Goods or related Services	**Technical Description, specification and standards**	
	Particualrs	**Unit**
EDTA Tube	2ml tube with Ethylenediamine tetra acetic acid which is the anticoagulant used for most hematology procedure. ISO Certified	Pc

10. Plain Tube		
Name of Goods or related Services	**Technical Description, specification and standards**	
	Particualrs	**Unit**
Plain Tube	2 ml tube without any anticoagulant used for bio-chemisrty procedures.	Pc