



# धनगढी उप-महानगरपालिका



नगर कार्यपालिकाको कार्यालय

धनगढी, कैलाली  
सुदूरपश्चिम प्रदेश, नेपाल |

दररेट पेश गर्ने सम्बन्धी सूचना

प्रकाशित मिति: २०८०/०३/०१

१. धनगढी उप-महानगरपालिकाद्वारा विभिन्न सप्लायर्स संग तपसिल बमोजिमको खरिद कार्य गर्नका लागि दररेट पेश गर्नका लागि 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	2,58,500	(22 <sup>nd</sup> Jun 2023) 2080/03/07 B.S. 05:00 PM	

२. दररेट पेश गर्ने सप्लायर्सले अनिवार्य रूपमा दररेट पेश गर्ने व्यहोरा सम्बन्धको लिखित निवेदन सहित नवीकरण भएको फर्म/ कम्पनी दर्ता प्रमाणपत्रको प्रतिलिपि, नवीकरण भएको व्यवसाय दर्ता प्रमाणपत्रको प्रतिलिपि, मु. अ. क. दर्ता प्रमाणपत्रको प्रतिलिपि, उपलब्ध गराउने सामग्रीहरूको ISO Certified Certificate र आ. व. २०७८/०७९ को करचुक्ता प्रमाणपत्रको प्रतिलिपि संलग्न गरि पेश गर्नुपर्ने छ।
३. उक्त कार्यको लागि 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 स्पष्ट बुझिने गरि लेखेर पेश गर्नुपर्ने छ।

  
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प्रमुख प्रशासकीय अधिकृत  
रामलाल श्रेष्ठ  
प्रमुख प्रशासकीय अधिकृत  
(रा.प.प्रथम श्रेणी)

**Dhangadhi Sub-Metropolitan C**

**Bill of Quantities**

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Name of Works: Procurement for the Supply and Delivery of Laboratory Items

S.N.	Description of Works	Unit	Strength	Quantity	Rate (NRs) Per unit		Amount (NRs) प्रमाणित (रि. नं. म. श्रेणी)	Remarks
					In figure	In words		
1	Semi Automatic Bio Chemistey Analyser	Pc	as specified in Technical Specification attached.	1				
2	Centrifuge Machine	Pc	as specified in Technical Specification attached.	1				
3	Height- Length Measuring Board	Pc	as specified in Technical Specification attached.	3				
4	Disposable Syringe 3ml	Pc	as specified in Technical Specification attached.	3000				
5	Disposable Syringe 5ml	Pc	as specified in Technical Specification attached.	3000				
6	Colorometer	Pc	as specified in Technical Specification attached.	1				
<b>Total Bidding amount in Nrs.</b>								
VAT @13%								
<b>Total Including VAT</b>								
<b>Total In Words:</b>								

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## Required Technical Specification

### 1. Semi Automatic Biochemistry Analyser

S.N.	Purchaser's Specifications	Bidder's Compliance Sheet		
		Yes / No	Page no in Catalogue	Remarks
	Semi Automatic Biochemistry Analyser			
	Manufacturer:			
	Brand:			
	Type / Model:			
	Country of Origin:			
<b>1</b>	<b>Description of Function</b>			
1.1	The semi-automated Bio-chemistry Analyser measures biochemical indexes by analyzing blood and other body fluid, then combines with other clinical information to help diagnose, evaluate organs function.			
<b>2</b>	<b>Operational Requirements</b>			
2.1	Semi automated chemistry analyzer with built in software for the calculation and curve plotting. It must accept all types of curve fits like log-linear, exponential, point to point.			
2.2	Memory for up to 150 chemistries minimum, Programmable by the user.			
<b>3</b>	<b>System Configuration</b>			
3.1	Semi automated chemistry analyser with builtin data processor			
3.2	Must have LCD/LED touch screen display with inbuilt thermal printer and RS-232 serial port or USB port for bidirectional communication			
<b>4</b>	<b>Technical Specifications</b>			
4.1	<b>Light Source:</b> Halogen Lamp or LED			
4.2	<b>Wavelength Range:</b> Automatic selection with at least 7 position filter wheel ranging from 340 – 620 nm.			
4.3	<b>Photometric Range:</b> 0-3.00 Absorbance			
4.4	<b>Calculation Modes:</b> <ul style="list-style-type: none"> <li>• Absorbance/concentration</li> <li>• End point</li> <li>• Kinetic factor or standard</li> <li>• Fixed time</li> </ul>			
4.5	Should have option for cuvette mode and flowcell mode.			
4.6	<b>Aspiration System:</b> Programmable sipping volume from 100-1000µl Measuring volume not more than 50µl			
4.7	High/ Low Flaggings			
4.8	Flow-Cell 10mm path length			
4.9	Must have at least 10 thermostst positions for samples			
<b>5</b>	<b>Accessories, Spares and consumables</b>			

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**राजेंद्र शिण्ड**  
 प्रमुख प्रशासकीय अधिकृत  
 (रा.प.प्रथम श्रेणी)

## Required Technical Specification

S.N.	Purchaser's Specifications	Bidder's Compliance Sheet		
		Yes/No	Page No in Catalogue	Remarks
5.1	<b>Accessories:</b> All standard accessories, consumables and parts required to tube the equipment, including all standard 2uve2 and cleaning and lubrication materials, to be included in the offer. Bidders must specify the quantity of every 2uve included in their offer (including not specified above).			
6	<b>Operating Environment</b>			
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 – 240 VAC, 50Hz fitted with appropriate plug. The power cable must be at least 3 metre in length.			
7	<b>Standards and Safety Requirements</b>			
7.1	Must submit ISO13485:2003/AC:2007 for Medical Devices			
7.2	CE (98/79/EC directives) or USFDA approved certificate.			
7.3	Shall meet IEC 61010-1 safety requirements for electrical equipment for measurement, control, and laboratory use.			
8	<b>User Training</b>			
8.1	Must provide user training (including how to use and maintain the equipment).			
9	<b>Warranty</b>			
9.1	Comprehensive warranty for 1 years after acceptance.			
10	<b>Maintenance Service During Warranty Period</b>			
10.1	During warranty period supplier must ensure preventive maintenance and corrective/breakdown maintenance whenever required.			
11	<b>Installation and Commissioning</b>			
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	<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.			
12.4	Certificate of calibration and inspection from factory.			

### 2. Centrifuge Machine

S.N.	Purchaser's Specifications	Bidder's Compliance Sheet		
		Yes/No	Page No in Catalogue	Remarks
	<b>Centrifuge</b>			
	<b>Manufacturer</b>			
	<b>Brand</b>			
	<b>Type / Model</b>			
	<b>Country of Origin</b>			
1	<b>Description of Function</b>			

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**राजेश कुमार**  
 प्रमुख प्रशासकीय अधिकृत  
 (रा.प.प्रवर्धन श्रेणी)

## Required Technical Specification

S.N.	Purchaser's Specifications	Bidder's Compliance Sheet		
1.1	Centrifuges are required in the Laboratory to separate various components of Blood and any other liquid sample for analysis			
<b>2</b>	<b>Operational Requirements</b>			
2.1	Table top version			
<b>3</b>	<b>System Configuration</b>			
3.1	Centrifuge complete with Swing and basic rotors.			
<b>4</b>	<b>Technical Specifications</b>			
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			
<b>5</b>	<b>Accessories, spares and consumables</b>			
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).			
<b>6</b>	<b>Operating Environment</b>			
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.			
<b>7</b>	<b>Standards and Safety Requirements</b>			
7.1	Must submit ISO 13485:2003/AC:2007 for Medical Devices <b>AND</b>			
7.2	Must submit CE (93/42 EEC Directives) or USFDA approved product certificate.			
<b>8</b>	<b>User Training</b>			
8.1	Must provide user training (including how to use and maintain the equipment).			
<b>9</b>	<b>Warranty</b>			
9.1	Comprehensive warranty for 1 years from acceptance.			
<b>10</b>	<b>Maintenance Service During Warranty Period</b>			
10.1	During the warranty period supplier must ensure planned preventive maintenance (PPM) and corrective/breakdown maintenance whenever required.			
<b>11</b>	<b>Installation and Commissioning</b>			
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.			
<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 number and costing.			
12.4	Certificate of calibration and inspection from factory.			

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**रामलाल श्रेष्ठ**  
प्रमुख प्रशासकीय अधिकृत  
(रा.प.प्रधान श्रेणी)

## Required Technical Specification

### 3. Height-length measuring board (wooden)

S.N.	Purchaser's Specifications
	<b>Height-length Measuring Stand</b>
	<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	Height-length measuring board to measure the height of the children and adults in healthcare facilities.
<b>2</b>	<b>Operational Requirements</b>
2.1	Height-length Measuring Stand suitable for adult and children.
<b>3</b>	<b>System Configuration</b>
3.1	Height-length Measuring Stand.
<b>4</b>	<b>Technical Specifications</b>
4.1	The height-length measuring stand must comprise of sturdy platform with vertical stand with measuring tape on one side of the board
4.2	It must be suitable for measuring height up to 130 cm minimum.
4.3	It must have a minimum reading of 1.0 mm calibrations.
4.4	It must be easily cleanable, suitable for measuring the height of children to adults.
4.5	Material: Hardwood, with a water-resistant finish
4.6	Thickness: Platform: 1.5 cm, Body: 8 mm approx
4.7	It must be comprised of Main board, Extension Piece- collapsible, starts at 70 cm to 130 cm and shoulder strap in both sides; adjustable for carrying
4.8	It must be easily assembled and dismantled
4.9	The board should folds up compactly (the sliding head or foot piece should collapse and be screwed on to the main board
4.10	There should be one hole point at the top of the board to keep the assembling screw in safety
<b>5</b>	<b>Accessories, spares and consumables</b>
5.1	Not applicable.
<b>6</b>	<b>Operating Environment</b>
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, and Humidity.
<b>7</b>	<b>Standards and Safety Requirements</b>
7.1	Must submit ISO 9001 or ISO 13485:2003/AC: 2007.
<b>8</b>	<b>User Training</b>
8.1	Not applicable.
<b>9</b>	<b>Warranty</b>
9.1	Warranty for 1 year.
<b>10</b>	<b>Maintenance Service During Warranty Period</b>
10.1	Standard warranty conditions are applicable.
<b>11</b>	<b>Installation and Commissioning</b>
11.1	Must supply preassembled unit, ready to use.
<b>12</b>	<b>Documentation</b>
12.1	User's manual shall be supplied in English.

### 4. Disposable Syringe

Disposable Suringe	
General	Disposable syringe
	Sterile, Non -toxic, non-pyrogenic ISO certified.
	3ml, 5 ml/ 23G*1 1/2"

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**राजस्थान अर्थ**  
प्रमुख प्रशासकीय अधिकृत  
(रा.प्र.प्र.प. श्रेणी)

### Required Technical Specification

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.

#### 5. Colorometer

S.N.	Purchaser's Specifications	Bidder's Compliance Sheet		
		Yes/No	Page No in Catalogue	Remarks
	<b>Colorimeter</b>			
	<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	General purpose colorimeter use in clinical laboratory.			
<b>2</b>	<b>Operational Requirements</b>			
2.1	Microprocessor controlled system.			
<b>3</b>	<b>System Configuration</b>			
3.1	Colorimeter with complete accessories.			
<b>4</b>	<b>Technical Specifications</b>			
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			
<b>5</b>	<b>Accessories, spares and consumables</b>			
5.1	<b>Accessories:</b> <ul style="list-style-type: none"> <li>• Turret-mounted filters</li> <li>• Cuvettes: 10 nos.</li> <li>• Test tube stand: 02 nos.</li> </ul>			
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).			
<b>6</b>	<b>Operating Environment</b>			
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.			
<b>7</b>	<b>Standards and Safety Requirements</b>			
7.1	Must submit ISO13485:2003/AC:2007 for Medical Devices <b>AND</b>			
7.2	CE (93/42 EEC Directives) or USFDA approved product certificate.			

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**रामलला ग्रोप**  
प्रमुख प्रशासक अधिकृत  
(रा.प.उ. व श्रेणी)

### Required Technical Specification

S.N.	Purchaser's Specifications	Bidder's Compliance Sheet		
7.3	Shall meet IEC 61010-1 safety requirements for electrical equipment for measurement, control, and laboratory use.			
<b>8</b>	<b>User Training</b>			
8.1	Must provide user training (including how to use and maintain the equipment).			
<b>9</b>	<b>Warranty</b>			
9.1	Comprehensive warranty for 2 year after acceptance.			
<b>10</b>	<b>Maintenance Service During Warranty Period</b>			
10.1	During the warranty period supplier must ensure corrective/breakdown maintenance whenever required.			
<b>11</b>	<b>Installation and Commissioning</b>			
11.1	Supplier must accomplish proper installation and commissioning of the equipment on site.			
<b>12</b>	<b>Documentation</b>			
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.			

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 राधा प्रमुख  
 अधिकृत  
 (अधीनश्रेणी)