



महालक्ष्मी नगरपालिका
Mahalaxmi Municipality
नगर कार्यपालिकाको कार्यालय
Office of the Municipal Executive

पत्र संख्या (Let. No.):
चलानी नं. (Reg. No.):

ललितपुर, बागमती प्रदेश, नेपाल
Lalitpur, Bagmati Province, Nepal

मूल्यसूचि पेश गर्ने सम्बन्धमा

(प्रथम पटक प्रकाशित मिति: २०८२।०८।०९)

यस नगरपालिकाको वडा नं. ६ मा सञ्चालनमा रहेको थसी सामुदायिक स्वास्थ्य सेवा केन्द्र, सिद्धिपुरका लागि देहाय बमोजिमको सामग्रीहरू आवश्यक रहेको भनि यस कार्यालयमा भाग भए बमोजिम उल्लेखित सामग्री खरिदका लागि लागत अनुमान तयार गर्न सो को मूल्यसूचि आवश्यक भएकाले इच्छुक संस्थाहरूले सूचनाको मितिले ७ दिन भित्र यस कार्यालयमा उल्लेखित सामग्रीहरू उपलब्ध गराउन सक्ने दररेट पेश गर्नहुनका लागि यो सूचना प्रकाशन गरिएको छ ।

क्र.स	सामानको विवरण	आवश्यक सङ्ख्या	कैफियत
1	Radiology		
	1.1. ECHO Probe(Cardiac probe)	1 Pc	VINNO E35 मेसिन उक्त संस्थामा पहिले नै भएकाले सो मा लाग्ने Probe उपलब्ध गराउनु पर्ने (प्रोपाइटरि सामग्री)
	1.2.X-ray flim (10*12)	500 Pc	
	1.3 USG/ECHO Print roll	10 roll	
2	Clinical Laboratory		
	2.1. FIA Fluorescence Immunoassay analyzer	1 set	नयाँ खरिद गर्ने
	2.2. Vit D test kit	1 set	Compatible for same machine
	2.3. HBA 1c test Kit	1 set	Compatible for same machine

साथै, उल्लेखित सामग्रीको स्पेसिफिकेशन(Specification) यसै सूचना साथ संलग्न रहेको व्यहोरा पनि जानकारी गराइन्छ ।

अमित दुङ्गाना

प्रमुख प्रशासकीय अधिकृत

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Technical Specification for Fluorescence Immunoassay (FIA) Analyzer

S.N.	Purchaser's Specifications	Bidder's Compliance Sheet		
		Yes/No	Page No. in Catalogue	Remarks
	Fluorescence Immunoassay (FIA) Analyzer			
	Manufacturer			
	Brand			
	Type / Model			
	Country of Origin			
1	Description of Function			
1.1	A medical diagnostic system based on fluorescence immunoassay technology used to quantitatively determine analytes in human blood, serum, plasma, or urine through antigen-antibody reactions. The analyser measures fluorescent signal intensity proportional to the analyte concentration for rapid and accurate diagnostic results.			
2	Operational Requirements			
2.1	Bench-top, fully automated or semi-automated analyser designed for immunoassay tests including cardiac markers, thyroid, fertility, infection, inflammation, tumour markers, and metabolic assays. Capable of handling individual test cartridges or test strips with minimal sample preparation.			
3	System Configuration			
3.1	Complete Fluorescence Immunoassay Analyzer unit with necessary accessories, printer, start-up reagent kits, and consumables.			
4	Technical Specifications			
4.1	System based on fluorescence immunoassay (FIA) principle.			
4.2	Throughput: Minimum 60 tests/hour or higher.			
4.3	Sample type: Whole blood, serum, plasma, or urine.			
4.4	Sample volume: 10–150 µL (depending on test).			
4.5	Test mode: Single test cartridge/strip; quantitative and qualitative assays.			
4.6	Measurement: Time-resolved fluorescence or LED excitation with photodiode detection.			
4.7	Calibration: Automatic calibration using RFID/barcode calibration curve or standard chip.			
4.8	Memory: Minimum 5,000 test results storage.			
4.9	User interface: Touchscreen colour display with intuitive graphical interface.			
4.10	Connectivity: USB, RS232 or LAN; bidirectional LIS/HIS compatibility.			
4.11	Operating temperature: 10–30°C, humidity ≤ 85%.			
4.12	Test time: Typically, within 10–15 minutes.			
4.13	Printer: Built-in or external thermal printer.			
4.14	Internal quality control functions with QC flagging and trend analysis.			
4.15	Self-diagnostic and error alert system.			
4.16	Compatible with multiple test parameters (≥30 available assays).			
5	Accessories, spares and consumables			
5.1	Accessories: UPS of suitable rating with voltage regulation and spike protection for 30 minutes back up shall be provided. Consumables: Start-up kit and additional test kits of 75 numbers each for following			



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S.N.	Purchaser's Specifications	Bidder's Compliance Sheet		
	tests; 1. Vit D 2. HBA1c. with (reagents, controls, calibrators, printer paper if necessary) and other accessories free of cost with a price list of test kits of other tests.			
5.3	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 – 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 ISO13485:2016 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 years after acceptance.			
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	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.			




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**Technical Specification for Radiology Equipment consumables and
accessory**

1. Equipment Name: Ultrasound Machine (ECHO Probe)

Manufacturer: Vinno

Model: E35

Parameters	Description
Probe type	Phased Array Ultrasound Transducer (ECHO probe)
Application	Cardiac, abdomen, ob/gyn, urology
Aperture Size	18mm
Frequency range	1.35 - 4.3 MHz
Compatibility	Must be from same manufacturer compatible for use with Vinno E35.
Warranty	1 Year

2. Equipment Name: Ultrasound Thermal Printer (Thermal Paper)

Manufacturer: Sony

Model: UP-898MD printer

Parameters	Description
Media Type	High-density thermal paper or equivalent (specifically coated paper required for thermal printing; cannot use plain paper).
Paper Width	110 mm (4 3/8 inches)
Print Size	A6 size prints (picture area up to 320 x 100 mm)
Application	Used for hard copy prints of still images from medical imaging systems like digital ultrasound systems, C-arms, etc.
Compatibility	Must be compatible to use with Sony, UP-898MD printer



3. Equipment Name: X-ray Film Printer (X-ray Film)

Manufacturer: Huqiu Imaging

Model: HQ-430DY Dry Imager

Parameters	Description
Print Technology	Dry thermal technology
Film Sizes	10"×12"
Applicable film	Medical Dry Thermal Film (blue or clear base)
Compatibility	Must be compatible to use with Huqiu Imaging, HQ-430DY Dry Imager



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