



बागमती प्रदेश सरकार
स्वास्थ्य तथा सामाजिक मन्त्रालय
मदन भण्डारी स्वास्थ्य विज्ञान प्रतिष्ठान



हेटौंडा अस्पताल

सुचना नं: ३९



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आ.व. २०८२/८३ को लागि प्याथोलोजी र सो सँग सम्बन्धित सामग्रीहरूको दररेट उपलब्ध गराउने

सम्बन्धित सुचना ।

प्रथम पटक प्रकाशित मिति: २०८३/०५/३०

प्रस्तुत विषयमा मदन भण्डारी स्वास्थ्य विज्ञान प्रतिष्ठान, हेटौंडा अस्पतालका लागि आ.व. २०८३/८४ का लागि तपसिलमा उल्लेखित प्याथोलोजी तथा सो सँग सम्बन्धित सामानहरूको लागत अनुमान प्रयोजनका लागि दररेट आवश्यक रहेकोले यो सुचना प्रकाशित मितिले ७(सात) दिन भित्र सम्पूर्ण इजाजतपत्र प्राप्त फर्म/संस्था/सप्लायर्सहरूले प्रति इकाई खुलाई यस कार्यालयको खरिद शाखा वा email:- procurement@mhbs.edu.np मा पेश गर्नुहुन यो सुचना प्रकाशित गरिएको छ ।

सामग्रीहरूको नाम र प्राविधिक स्पेसिफिकेसन तपसिल बमोजिम रहेको छ ।

नोटहरू:

- प्यानमा उल्लेख गरिएको कारोबारको आधारमा यस सुचनामा मिल्ने शिर्षकको दररेट मात्र पेश गर्नुपर्ने छ ।
- मु.अ.कर बाहेक दररेट उपलब्ध गराउनु पर्नेछ ।
- यस सुचना तालिकामा उल्लेख भए अनुसार सामानहरूको दररेट उल्लेख गरेर फर्मको छाप तथा हस्ताक्षर सहित कर चुक्ता प्रमाणपत्र (आ.व. २०८१/८२), प्यान/ भ्याट दर्ता प्रमाणपत्र तथा अन्य कानूनात्मकको प्रतिलिपि सहित यस कार्यालयमा पेश गर्नु पर्नेछ ।
- माथि उल्लेखित विवरणको Soft Copy आवश्यक परेमा कार्यालयमा सम्पर्क गर्नु होला ।

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सह-प्रा. डा. रामचन्द्र सापकोटा
निर्देशक

फोन नं. ०५७-५२३७९८, ५२०३०५

ईमेल: hospital.hetaunda@gmail.com, info@hetaundahospital.gov.np, वेबसाइट: <https://www.hetaundahospital.gov.np>

1. Automated Slide Stainer

S.N.	Purchaser's Technical Specifications	Bidder's Proposed Specifications: YES/NO	Deviation(If any)	Unit	Qty	Unit Rate in Number	Unit Rate in Words	Remarks
	Manufacturer			Set	1			
	Brand							
	Type / Model							
	Country of Origin							
1	Description of Function:							
1.2	A microprocessor-controlled, robotic, high-throughput automated slide stainer designed for continuous walkaway processing of histology paraffin sections and cytology smears (H&E, PAP, and special stains) in diagnostic pathology laboratories.							
2	Operational Requirements							
2.1	Floor-standing or high-capacity benchtop automated multistainer with complete accessories.							
3	System Configuration							
3.1	Floor-standing or high-capacity benchtop automated multistainer with robotic transport arms for continuous walkaway processing of histology and cytology slides (H&E, PAP, and special stains).							
4	Technical Specifications							
4.1	Capacity & Loading: Continuous, random-access loading with a basket capacity of at least 20-30 slides per rack and total vessel count of at least 26-52 reagent stations							
4.2	Throughput: High volume processing of minimum 30-500 slides per hour.							
4.3	Control Unit: Color touchscreen.							
4.4	Transport Arm: Robotic Arms							
4.5	Drying / Baking: Integrated							
5	Operating Environment:							
5.1	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	Warranty:							
6.1	Comprehensive warranty for at least 3 years after acceptance and complete installation.							
7	Standards and Safety Requirements:							
7.1	Must have ISO, CE and US-FDA.							



2. Biological Compound Microscope					
S.N.	Purchaser's Technical Specifications		Bidder's Proposed Specifications: YES/NO	Deviation(If any)	
	Manufacturer				
	Brand				
	Type / Model				
	Country of Origin				
1	Description of Function:				
1.2	A compound microscope is an optical instrument that uses two or more sets of lenses (an objective lens and an eyepiece) to view highly magnified, two-dimensional images of tiny specimens placed on a glass slide.				
2	Operational Requirements				
2.1	Binocular compound microscope with illumination system is required.				
3	System Configuration				
3.1	Binocular Microscope Compound, complete system with complete accessories.				
4	Technical Specifications				
4.1	Optical System: Infinity-corrected optical system with anti-fungus and anti-reflective lens coatings.				
4.2	Viewing Head: Ergonomic Siedentopf Binocular head inclined at 30°, 360° rotatable, with adjustable interpupillary distance(48-75mm).				
4.3	Eyepieces: Widefield WF 10x/20mm(or 22mm) field of view.				
4.4	Mechanical Stage: Double-layer rackless X-Y stage				
4.5	Illumination Source: Variable LED Light Source				
5	Operating Environment:				
5.1	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	Warranty:				
6.1	Comprehensive warranty for at least 3 years after acceptance and complete installation.				
7	Standards and Safety Requirements:				
7.1	Must have ISO, CE and US-FDA.				



3.Cytocentrifuge

S.N.	Purchaser's Technical Specifications	Bidder's Proposed Specifications: YES/NO	Deviation(If any)					
	Manufacturer							
	Brand							
	Type / Model							
	Country of Origin							
1	Description of Function:							
1.2	Benchtop low-speed cytocentrifuge for processing liquid biological body fluids (CSF, pleural fluid, urine, synovial fluid, fine needle aspirates) to deposit a thin, uniform monolayer of intact cells directly onto glass slides without damaging cell morphology.							
2	Operational Requirements							
2.1	Benchtop low-speed cytocentrifuge.							
3	System Configuration							
3.1	Benchtop low-speed cytocentrifuge with complete accessories.							
4	Technical Specifications							
4.1	System Type: Benchtop cytocentrifuge for monolayer cell deposition.							
4.2	Capacity: Sealed rotor carrying 8-12 slides per spin.							
4.3	Speed Control: Speed range 200rpm-2000rpm with digital display.							
5	Operating Environment:							
5.1	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	Warranty:							
6.1	Comprehensive warranty for at least 3 years after acceptance and complete installation.							
7	Standards and Safety Requirements:							
7.1	Must have ISO, CE,US-FDA and IEC certificate.							

Set

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4.Deep Freezer

S.N.	Purchaser's Technical Specifications	Bidder's Proposed Specifications: YES/NO	Deviation(If any)					
	Manufacturer							
	Brand							
	Type / Model							
	Country of Origin							
1	Description of Function:							
1.2	Histopathology deep freezer is a specialized laboratory refrigerator that maintains ultra-low temperatures to preserve biological specimens without damaging their cellular structure.							
2	Operational Requirements							
2.1	Microprocessor controlled deep freezer with complete accessories.							
3	System Configuration							
3.1	Histopathology deep freezer with complete accessories.							
4	Technical Specifications							
4.1	Temperature Range: -20°C to -80°C							
4.2	Storage Capacity: Internal volume 500L							
4.3	Refrigeration & Insulation: Dual-cascade or VIP (Vacuum Insulation Panel)							
5	Operating Environment:							
5.1	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	Warranty:							
6.1	Comprehensive warranty for at least 3 years after acceptance and complete installation.							
7	Standards and Safety Requirements:							
7.1	Must have ISO, CE, and IEC certificate.							



5. Tissue Embedding Station

S.N.	Purchaser's Technical Specifications	Bidder's Proposed Specifications: YES/NO	Deviation(If any)					
	Manufacturer							
	Brand							
	Type / Model							
	Country of Origin							
1	Description of Function:							
1.2	The Tissue Embedding Center is a single module unit for paraffin-embedded block preparation along with cryo-console for cooling the cassettes after the embedding process.							
2	Operational Requirements							
2.1	System should be complete with microprocessor control of the temperature and brightness of overall system all controllable via touch screen.							
3	System Configuration							
3.1	Tissue Embedding center with complete accessories.							
4	Technical Specifications							
4.1	Modular Design: Two independent units (Dispensing + Cryo)							
4.2	Paraffin Tank: Minimum 3.0 L to 5.0 L capacity							
4.3	Thermal Control: Independently controlled heating zones							
4.4	Dispensing Mechanism: Continuous paraffin flow control							
4.5	Cryo Console: Heavy-duty, CFC-free commercial compressor cooling system.							
4.6	Display: TFT/LCD color Touch screen for easy navigation, setup and operation.							
5	Operating Environment:							
5.1	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	Warranty:							
6.1	Comprehensive warranty for at least 3 years after acceptance and complete installation.							
7	Standards and Safety Requirements:							
7.1	Must have ISO, US-FDA, CE and IEC certificate.							



6. Fully Automated Tissue Processor

S.N.	Purchaser's Technical Specifications	Bidder's Proposed Specifications: YES/NO	Deviation (If any)				
	Manufacturer						
	Brand						
	Type / Model						
	Country of Origin						
1	Description of Function:						
1.2	A tissue processor is an automated laboratory instrument used in						
2	Operational Requirements						
2.1	Automatic Tissue processor with vacuum infiltration system.						
3	System Configuration						
3.1	Floor-standing/bench-top fully enclosed, automated vacuum infiltration system with complete accessories.						
4	Technical Specifications						
4.1	Processing Capacity: Minimum batch capacity of 200 to 300 standard tissue cassettes per run.						
4.2	Retort / Processing Chamber: High-grade, corrosion-resistant stainless steel reaction chamber.						
4.3	Reagent Handling & Stations : Minimum 10 to 12 reagent containers for liquid media (fixatives, alcohols, clearing agents).						
4.4	Retort / Processing Chamber: High-grade, corrosion-resistant stainless steel reaction chamber.						
4.5	Paraffin Wax System : Minimum 3 to 4 dedicated, heated paraffin wax stations.						
4.6	User Interface & Control :- Built-in micro-processor controller with color touchscreen display (minimum 7-inch).						
4.7	Safety Protocol: Automatic power-failure sample protection mode (keeps tissue submerged in safe reagent/wax during power loss).						
4.8	Battery backup (UPS) with internal battery capacity for up to 60 min.						
5	Operating Environment:						
5.1	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	Warranty:						
6.1	Comprehensive warranty for at least 3 years after acceptance and complete installation.						
7	Standards and Safety Requirements:						
7.1	Must have ISO, US-FDA, CE and IEC certificate.						

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7. Grossing Work Station					
S.N.	Purchaser's Technical Specifications	Bidder's Proposed Specifications: YES/NO	Deviation(If any)		
	Manufacturer				
	Brand				
	Type / Model				
	Country of Origin				
1	Description of Function:				
1.2	Grossing work station is needed for grossing of the specimens and biopsies received in histopathology lab.				
2	Operational Requirements				
2.1	It shall be made of corrosive resistant high grade 304/316 stainless steel and unbreakable transparent toughened glass.				
3	System Configuration				
3.1	Pathology Grossing Work Station with complete accessories.				
4	Technical Specifications				
4.1	Dimensions (W x D): approx. 120 cm x75 cm or more				
4.2	Material Grade: 304 / 316 Stainless Steel				
4.3	Ventilation Mode: Dual-Draft (Back & Downdraft)				
4.4	Work Basin & Plumbing: Integrated heavy-gauge stainless steel sink with hot/cold.				
4.5	Height Adjustment: Motorized electro-hydraulic or pneumatic height adjustment system				
4.6	Lighting & Visibility: Shadow-free, waterproof LED.				
5	Operating Environment:				
5.1	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	Warranty:				
6.1	Comprehensive warranty for at least 3 years after acceptance and complete installation.				
7	Standards and Safety Requirements:				
7.1	Must have ISO, CE and IEC certificate.				



8. Multi-Viewer Compound Microscopes

S.N.	Purchaser's Technical Specifications	Bidder's Proposed Specifications: YES/NO	Deviation(If any)					
	Manufacturer							
	Brand							
	Type / Model							
	Country of Origin							
1	Description of Function:							
1.2	A multihead compound microscope is an optical instrument that uses sets of lenses (an objective lens and an eyepiece) to view highly magnified, two-dimensional images of tiny specimens placed on a glass slide.							
2	Operational Requirements							
2.1	Multi viewer microscope is a specialized optical instrument that allows two or more people to look at the exact same specimen and slide at the same time.							
3	System Configuration							
3.1	Multi-head discussion system for (3-5) simultaneous observers with identical field orientation system with complete accessories.							
4	Technical Specifications							
4.1	Optical System: Infinity-corrected optical system with anti-fungus and anti-reflective lens coatings.							
4.2	Main Station: Multi head inclined at 30°, 360° rotatable with camera port and beam splitter.							
4.3	Eyepieces: Widefield WF 10x/20mm(or 22mm) field of view.							
4.4	Observer Stations: Binocular heads (30°incline) with independent diopter adjustments.							
4.5	Objectives: Infinity Plan Achromats(4x/10x,20x,40x,100x)							
4.6	Mechanical Stage: Double-layer rackless X-Y stage							
4.7	Illumination Source: High-intensity LED Light Source							
5	Operating Environment:							
5.1	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	Warranty:							
6.1	Comprehensive warranty for at least 3 years after acceptance and complete installation.							
7	Standards and Safety Requirements:							
7.1	Must have ISO, CE and US-FDA.							



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9. Semi-Automated Microtome

S.N.	Purchaser's Technical Specifications	Bidder's Proposed Specifications: YES/NO	Deviation(If any)					
	Manufacturer							
	Brand							
	Type / Model							
	Country of Origin							
1	Description of Function:							
1.2	A semi-automated microtome is a precision laboratory cutting tool used in histology and pathology to slice extremely thin tissue sections.							
2	Operational Requirements							
2.1	Precision semi-automated rotary microtome for paraffin-embedded tissue sectioning in routine and specialized histopathology.							
3	System Configuration							
3.1	Floor-standing/bench-top fully enclosed, automated vacuum infiltration system with complete accessories.							
4	Technical Specifications							
4.1	Section Range: 0.5µm to 60µm/100µm with fine increments.							
4.2	Trimmer Section Thickness : 1µm-600 µm							
4.3	Blade Holder: Universal holder accepting high- and low-profile disposable blades with a lateral displacement mechanism to utilize the full length of the blade safely.							
4.4	Clamps: Included Includes quick-interchangeable Universal Cassette Clamp and Standard Paraffin Block Clamp.							
4.5	Waste Tray: Large-capacity							
4.6	User Interface: Chemical-resistant digital display (LCD/LED).							
4.7	Stroke & Feed: Vertical specimen stroke ≥ 50mm.							
5	Operating Environment:							
5.1	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	Warranty:							
6.1	Comprehensive warranty for at least 3 years after acceptance and complete installation.							
7	Standards and Safety Requirements:							
7.1	Must have ISO, US-FDA, CE certificate.							



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10. Tissue Floating Bath

S.N.	Purchaser's Technical Specifications	Bidder's Proposed Specifications: YES/NO	Deviation(If any)					
	Manufacturer							
	Brand							
	Type / Model							
	Country of Origin							
1	Description of Function:							
1.2	A tissue flotation bath (also called a histology water bath or tissue floating bath) is a heated, shallow water reservoir used in histology and pathology laboratories to flatten, stretch, and collect ultra-thin tissue sections after they are cut on a microtome							
2	Operational Requirements							
2.1	Chamber completely encircled by sheathed heater for uniform, broad surface heating with insulated body to prevent heat loss and temperature fluctuation is required.							
3	System Configuration							
3.1	Floor-standing/bench-top Tissue floating bath system with complete accessories.							
4	Technical Specifications							
4.1	Control System: Microprocessor PID temperature controller with digital memory set-points.							
4.2	Temperature Range: Ambient up to +75 °C (adjustable in 1 °C increments).							
4.3	Bath Reservoir: 5-6 litres water volume.							
4.4	Safety & Protection: Over-Temperature Cut-Off							
5	Operating Environment:							
5.1	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	Warranty:							
6.1	Comprehensive warranty for at least 3 years after acceptance and complete installation.							
7	Standards and Safety Requirements:							
7.1	Must have ISO, CE and IEC certificate.							

Supplier must Quote the Manufacturer, Brand ,Type/Model and Country of Origin in each Sheet

