राप्ती स्वास्थ्य विज्ञान प्रतिष्ठान
Rapti Academy of Health Sciences

(राप्ती स्वास्थ्य विज्ञान प्रतिष्ठान ऐन, २०७४ अन्तर्गत स्थापित)

घोराही, दाङ, नेपाल Ghorahi, Dang, Nepal

मितिः२०८३/०८/०१

सूचना ख.ई.-२०८३/०८४

यस प्रतिष्ठानमा आ.ब २०८३/०८४ मा विभिन्न मेसिन तथा उपकरणको मर्मत/संभारका लागि आवश्यक पर्ने तपशिलमा उल्लेखित सामग्री खरिद गर्नु पर्ने भएको हुदा सार्बजनिक खरिद ऐन २०६३ (संसोधन सहित) को दफा ५ तथा नियमावली २०६४ (संसोधन सहित) को नियम ११ बमोजिम लागत अनुमान तयार गर्ने प्रयोजनार्थ प्रचलित बजार मुल्यमा फरक नपर्ने गरि प्रति इकाई दररेट (मु.अ.कर बाहेक) यो सूचना प्रकाशित भएको मितिले ७(सात) दिन भित्र दरभाउ पत्र यस प्रतिष्ठानको खरिद शाखामा पेश गर्नुहुन सम्बन्धित सरोकारवालाहरुको लागि यो सूचना प्रकाशित गरिएको छ ।साथै आवश्यक सामग्रीको स्पेसिफिकेशन यसै साथ संलग्न गरिएको व्यहोरा अनुरोध छ ।

पुनश्चः लागत अनुमानका लागि दरभाउ पत्र पेश गर्दा फर्म/कम्पनीले उल्लेखित सामग्री मेशिनमा जडान सहितको मूल्य पेश गर्नु पर्नेछ ।

.....

प्रा. श्याम लम्साल

रजिस्ट्रार

Registrar

तपशिल:

यस प्रतिष्ठानमा आ.ब २०८३/०८४ मा विभिन्न मेसिन तथा उपकरणको मर्मत/संभारका लागि आवश्यक पर्ने तपशिलमा उल्लेखित सामग्रीहरु यस प्रकार छन् ।

क्र. सं.	उपकरण को नाम र प्रकार	कम्पनी तथा मोडेल	खरिद मिति र मूल्य	वारेन्टी समय सीमा भित्र रहे/नरहे को	परिवर्तन गर्ने सामग्रीको नाम	परिवर्तन गर्ने सामग्रीको स्पेसिफिकेशन	जम्मा मेशिन को परिमाण	कैफियत
1.	ESU Machine	Valleylab Fx8	2080/8/21 -2 unit Price: 1490000 per unit	नरहेको	1. RF Board 2. Controller Board 3. Display PCBA 4. Display Board 5. Cooling Fan	• **RF Board:** : Must Generate high-frequency electrical energy for surgical cutting and coagulation. • Must Control the output energy according to the selected power setting and operating mode. • **Controller Board:** system must be Main digital processor Compatible for Valleylab™ FX8 that regulates RF energy delivery and internal system memory. • Must Control the touchscreen, handpiece/footswitch inputs, and external USB/Ethernet ports. • **Display PCBA:** • Must House the touchscreen controller and LCD backlight driver to operate the LCD touchscreen. • Connects to the Controller PCBA via a 50-pin ribbon cable and manages front panel LEDs and user interface buttons • **Cooling Fan:** • DC cooling fans 12V —one for the RF/Steering Relay PCBA and one for the Power Supply module • Must Maintain proper operating temperature inside the generator. • Must Provide cooling for the power supply assembly. • Must Support reliable operation during prolonged surgical procedures. **Must Provide At least 6 month of warranty after installation**	4	आपूर्तिकर्ता वा निजका आधिकारिक विक्रेता वा आधिकारिक एजेन्टको प्रमाणपत्र पेश गर्नु पर्ने
2.	USG Portable	Konika Minolta (Soniimage HS1)	सहयोग प्राप्त	नरहेको	1.Main Board 2.APD Board 3.Battery	• **Main Board**: System must be A low-power, high-efficiency x86-64 multi-core embedded processor (such as an Intel Core i5/i7 mobile or embedded U-series CPU) capable of real-time cine-loop buffering and UI rendering without excessive thermal output. • Must support video output supporting a 15-inch IPS LCD panel (1024×768 or Better) paired with a USB/I2C capacitive touchscreen controller • USB 2.0/3.0 host controllers for the trackball, simplified 8-key control panel, dual/triple pedal footswitch, and external USB Wi-Fi adapters • **APD Board:** The system must be High-density Zero Insertion Force (ZIF) probe connector supporting automatic probe ID recognition and high-voltage analog multiplexing) for Linear, Convex, Micro-convex, Endocavity, and Phased Array probes. • Must be integrated ultrasound AFE chipsets featuring Low-Noise Amplifiers (LNA), Time-Gain Compensation (TGC) Variable Gain Amplifiers (VGA), and anti-aliasing low-pass filters. • Must have Smart Lithium-Ion battery pack (~14.4V–14.8V) providing approximately 60 minutes of continuous scanning runtime. **Must Provide At least 6 month of warranty after installation**	1	आपूर्तिकर्ता वा निजका आधिकारिक विक्रेता वा आधिकारिक एजेन्टको प्रमाणपत्र पेश गर्नु पर्ने

Registrar

3.	USG portable	Mindray (M6)	सहयोग प्राप्त	नरहेको	1.Display Monitor/Screen	• Display screen must be 15-inch Medical-grade or high-brightness Color TFT-LCD / LED-backlit monitor. with a 4:3 aspect ratio and (1024 × 768 resolution) or better • Must include native S-Video input (plus VGA/DVI/HDMI if used with the Mindray M6 I/O extension module or trolley) • Must be Compatible with Existing System **Must Provide At least 6 month of warranty after installation**	1	आपूर्तिकर्ता वा निजका आधिकारिक विक्रेता वा आधिकारिक एजेन्टको प्रमाणपत्र पेश गर्नु पर्ने
4.	Endoscope	Pentax (Versa EG27-v10c)		नरहेको	1.Vedio Endoscope Upper GI	• The endoscope should have a working length of approx. 1050mm or better • The endoscope should have distal end and insertion tube diameter of approx.. 10mm or less • The endoscope should have a field of view of a minimum of 140 or better • The endoscope should have maneuverability of a minimum up:210°,Down 90° left:100°,Right:100° • The Scope Should be Compatible with existing video Processor EPK-V1500c **Must Provide At least1 year of warranty after installation**	1	आपूर्तिकर्ता वा निजका आधिकारिक विक्रेता वा आधिकारिक एजेन्टको प्रमाणपत्र पेश गर्नु पर्ने
5.	Surgical tower	karlstorz		नरहेको	4k Vedio Processor Unit	• The processor must have a resolution of 3840x2160 or Better • The processor must be compatible for use with 4K2D/4K3D along with white light and ICG technologies. • The processor must be compatible for use with existing Image1S-4K system in the OT. **Must Provide At least 6 month of warranty after installation**	1	आपूर्तिकर्ता वा निजका आधिकारिक विक्रेता वा आधिकारिक एजेन्टको प्रमाणपत्र पेश गर्नु पर्ने
6.	Surgical tower	Stryker		नरहेको	Camera Head Cable	• The offered system must be Approx. (3.05 m) or more , medical-grade silicone-jacketed, EMI-shielded multi-conductor assembly with a waterproof locking multi-pin console connector, designed to transmit HD/4K video, power, and control signals while withstanding surgical sterilization and must be compatible with Existing System. **Must Provide Atleast 6 month of warranty after installation**	1	

Registrar

7.	Surgical tower	Olympus		नरहेको	Light Source Cable	• Must be Autoclavable endoscopic fiber optic light guide cable (Olympus compatible) • System must be aprrox. 3.0 meters or more with flexible, kink-resistant silicone sheath. • Must be approx. 2.8 mm (for thin scopes) or approx. 4.25 mm (for standard scopes) • The offered System must be Compatible with Existing system. **Must Provide Atleast 6 month of warranty after installation**	1	
8.	A/B Scan	Quantel		नरहेको	Bscan Probe	• The offered system must be handheld ophthalmic ultrasound transducer designed for high-resolution imaging of the posterior eye and orbit via direct eyelid or scleral contact. Typically operating at 10 MHz to 20 MHz frequencies, Must providesa wide 50° to 60° sector scan with a penetration depth of 40 mm to 60 mm and a focal length around 22 mm to 25 mm. **Must Provide At least 6 month of warranty after installation**	1	आपूर्तिकर्ता वा निजका आधिकारिक विक्रेता वा आधिकारिक एजेन्टको प्रमाणपत्र पेश गर्नु पर्ने
9.	Ventilator	Aeonmed (VG70)	सहयोग प्राप्त	नरहेको	1.Display board 2.Powersupply -2 3.Battery Backup -6	• **Display Board:** • Display size 12 inch TFT touch screen • **Power supply**: Must Accept 100–240 VAC (50/60 Hz) mains power and regulates DC voltage distribution to internal control and pneumatic boards. • lithium-ion batteries, ensuring uninterrupted operation with a typical 2 Hour Minimum Backup • At least 6 month of warranty after installation	4	
10.	Ventilator	Bellavista	सहयोग प्राप्त	नरहेको	1.Blower Assembly 2.PM kit 3.02 sensor 4.Reusable Patient Circuits	• 1.**Blower Assembly:** Original type Complete blower unit with necessary integrated components Specifically designed for the bellavista ventilator model 1000 and hardware generation to generate and regulate the required inspiratory airflow and pressure for invasive and non-invasive ventilation. • **PM Kit**: Annual Preventive Maintenance Kit, OEM or manufacturer-approved. Specifically designed for the existing bellavista ventilator model 1000 .Kit Components: (Blower inlet air filters ,Cooling fan inlet filters ,Sintered bronze filters) • **Oxygen Sensor:** Long-life oxygen concentration sensor (O_2 cell), electrochemical type or OEM-specified equivalent. Specifically compatible with the existing bellavista ventilator model 1000. Measurement Range: 0–100 Vol.% oxygen (O_2). Electrical Connector: 3-pin Molex connector or OEM-compatible connector. • 4. **Breathing Circuit** : Reusable, autoclavable, dual-limb breathing circuit specifically designed for bellavista ventilator model 1000, neonate configuration. Material: Medical-grade, autoclavable silicone • **Must Provide At least 6 month of warranty after installation**	2	आपूर्तिकर्ता वा निजका आधिकारिक विक्रेता वा आधिकारिक एजेन्टको प्रमाणपत्र पेश गर्नु पर्ने
11.	Anesthesia Workstation	Mindray (WatoEx-35)		नरहेको	1.Cooling fan 2. Internal leakage	• -The system must be Medical-grade 12V DC brushless axial cooling fan featuring dual ball bearings and low-noise operation ,Constructed with flame-retardant housing, pre-terminated polarized wire harness, and lock-rotor protection for continuous clinical duty (L10 ≥ 50,000 hrs) in compliance with IEC 60601-1 medical safety standards. **Must Provide At least 6 month of warranty after installation**	2	

Registrar

12.	Autoclave	RECCO (220L) -2 APS(100 L)-2 Periclave(220L)-1		नरहेको	1.**Horizontal Recco** -Water level sensor -water level glass -washer -Pneumatic Solenoid Valve -Pneumatic Pressure valve -Pressure sensor connector **2.APS** -Water level sensor -Pressure switch -Silicon washer -washer/sealer -Door copper Gasket **3.Periclave** -Pressure sensor -Solenoid Valve -Door sensor -DoorCopper Gasket	**Must Provide Atleast 6 month of warranty after installation**	3	
13.	USG cartbased	Samsung Medison Sonoace R7		नरहेको	1. Convex Probe	• Broadband Curved Array (Convex) Frequency range approx.(2.0 – 8.0 MHz) shall support General Abdominal, Obstetrics (OB), Gynecology (GYN) **Must Provide Atleast 6 month of warranty after installation**	1	
14.	Vacuum Tissue Processor	AMOS Scientific Model: AVTP2500		नरहेको	-Main Board Assembly issue -Cleaning of all Bottles -Vacuum system needs to be checked and Repair -Carbon filters -O rings and sealing issue -All internal tubings needs to be checked and Replaced.		1	आपूर्तिकर्ता वा निजका आधिकारिक विक्रेता वा आधिकारिक एजेन्टको प्रमाणपत्र पेश गर्नु पर्ने

Registrar