नेपाल सरकार
स्वास्थ्य तथा खाद्य स्वच्छता मन्त्रालय
पोखरा स्वास्थ्य विज्ञान प्रतिष्ठान
पश्चिमाञ्चल क्षेत्रीय अस्पताल
रामघाट पोखरा

फोन नं. ०६१-५८७४६६
०६१-५८७४६७

प.सं. २०८३/०८४
च.नं. ५०(२७)

मिति:- २०८३/०८/०९

श्री सम्बन्धित सम्पूर्ण सप्लायर्सहरु।

विषय:- दररेट उपलब्ध गराइदिनुहुन।

प्रस्तुत विषयमा यस प्रतिष्ठानको इमर्जेन्सी विभागमा EMR सेवा सञ्चालन तथा व्यवस्थापनको लागि आ.व. २०८३/०८४ मा बजेट व्यवस्थापन भएको हुँदा उक्त सेवा सञ्चालनको लागि आवश्यक पर्ने तपसिलमा उल्लिखित सामाग्रीहरु खरिद गर्ने कार्यक्रम रहेकोले लागत अनुमान तयारीको लागि यसै पत्रसाथ सम्लग्न Specification बमोजिमको Items को भ्याट बाहेक प्रति इकाई दररेट ७ दिनभित्र यस अस्पतालको खरिद इकाइको इमेलः purchasewrh@gmail.com मा उपलब्ध गराइदिनुहुन अनुरोध छ।

तपसिलः

S.N	Particulars and Specification	Brand/ Company	Unit	Unit Rate Without Vat	
				In Figure	In Words
1.	Computer System				
2.	Laptop				
3.	Printer				
4.	Heavy Duty Multifunction Printer				
5.	Mobile Device				
6.	Display Screen				
7.	Power Backup				

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सह.प्रा.डा. झपिन्द्र पोखरेल
निर्देशक

Technical Specification for All in One Format Computer

S.N.	Parameters	Description
1	**Form Factor**	All-in-one desktop computer with integrated display, computing unit and speakers.
2	**Processor**	Intel Core i5 13th Generation or newer, or AMD Ryzen 5 equivalent or better, with minimum 6 physical cores and 12 threads.
3	**RAM**	Minimum 8 GB DDR4 or better, expandable to at least 32 GB.
4	**Storage**	Minimum 256 GB SSD with PCIe NVMe or equivalent interface.
5	**Operating System**	Latest licensed 64-bit operating system compatible with the hospital's applications and security requirements.
6	**Display**	Minimum 27-inch LED-backlit LCD or equivalent display, Full HD resolution (1920 × 1080), with 16:9 aspect ratio.
7	**Graphics**	Integrated graphics capable of supporting the native display resolution and routine hospital applications.
8	**Network Connectivity**	Integrated Gigabit Ethernet (RJ-45), Wi-Fi 5 (IEEE 802.11ac) or higher, and Bluetooth 5.0 or higher.
9	**Display Refresh Rate**	Minimum 60 Hz.
10	**Display Response Time**	Maximum 5 ms, as rated by the manufacturer.
11	**Display Viewing Angle**	Minimum 178° horizontal and vertical.
12	**Display Brightness**	Minimum 250 cd/m².
13	**Display Stand**	Integrated tilt-adjustable stand.
14	**Ports and Connectivity**	Minimum 4 USB Type-A ports (at least USB 3.0 or higher), 1 USB Type-C data port, 1 HDMI or DisplayPort interface, and audio input/output connectivity.
15	**Webcam and Audio**	Integrated webcam, microphone and speakers suitable for routine communication and system notifications.
16	**Power Supply**	Supplied power adapter or integrated power supply compatible with Nepal's standard electrical supply.
17	**Accessories**	Compatible keyboard, mouse, power cable and all accessories required for normal operation.
18	**Warranty**	Minimum two-year warranty covering hardware defects under normal operating conditions.
19	**Documentation and Testing**	Official manufacturer datasheet and warranty documentation shall be provided. The system shall be tested for startup, operating-system activation, display, network and port functionality, and compatibility with required hospital applications like HMIS and EMR.

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Technical Specification for Printer

S.N.	Parameter	Specification
1	**Printer Method**	A4 monochrome laser printer.
2	**Duplex**	Single-sided printing required; automatic 2-sided (duplex) printing is optional.
3	**Resolution**	Black: minimum 600 × 600 dpi (or higher), with enhanced resolution/image-quality technology where applicable.
4	**Print Speed**	30 ppm or more (A4).
5	**First Print Time**	8 seconds or less (A4).
6	**Paper Size**	A4, A5, B5, Letter and Legal, with envelope support.
7	**Tray Capacity**	Input tray: 250 sheets or more. Output tray: 100 sheets or more.
8	**Toner Cartridge**	The printer shall support a toner cartridge with a page yield of 5,000 pages or more (at 5% coverage). A starter toner cartridge shall be supplied with the printer.
9	**Monthly Duty Cycle**	50,000 pages or more.
10	**Connection**	Integrated Ethernet (10/100/1000 Base-T, RJ-45) for network printing, and USB (Hi-Speed USB 2.0 or higher). Wireless connectivity is optional.
11	**Operating System Compatibility**	Compatible with 64-bit Windows 10 or later and with the hospital's EMR application; genuine drivers shall be supplied with the printer or be available from the manufacturer's website.
12	**Power Supply**	Compatible with Nepal's standard electrical supply (220–240 V, 50 Hz), with power cable supplied.
13	**Accessories**	Power cable, USB cable, starter toner cartridge and all accessories required for normal operation.
14	**Warranty and Service**	Minimum one-year warranty covering hardware defects under normal operating conditions, with local service support available in Nepal.
15	**Documentation and Testing**	Official manufacturer datasheet, user manual and warranty documentation shall be provided. The printer shall be tested for startup, print quality, paper feeding, network and USB connectivity, and driver installation at delivery.

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Technical Specifications for Mobile Device

S.N.	Parameter	Specification
1	**Device Type**	Portable interactive pen display with pen input, for use with the supplied computer.
2	**Display**	Minimum 13-inch IPS LCD display.
3	**Resolution**	Full HD (1920 × 1080) with 16:9 aspect ratio.
4	**Brightness**	Minimum 300 cd/m².
5	**Viewing Angle**	Minimum 170° horizontal and vertical.
6	**Touch Input**	Multi-touch capability.
7	**Pen Input**	Pen supplied with the device, supporting pressure-sensitive input.
8	**Display Surface**	Anti-glare and anti-fingerprint surface; durable display surface suitable for regular use.
9	**Connectivity**	HDMI and/or USB Type-C display connectivity, with the required USB interface for touch and pen functionality.
10	**Design**	Compact and portable design.
11	**Trolley Use**	The device shall be suitable for use on a mobile trolley: compact and lightweight, with an adjustable stand or standard mounting provision, stable positioning at a comfortable viewing and writing angle, and sufficient connection to the computer on the trolley.
12	**Power and Accessories**	Required power adapter, connectivity cables and all necessary accessories included.
13	**Compatibility**	Compatible with the supplied computer, its operating system and the hospital's EMR application; required drivers shall be supplied or be available from the manufacturer's website.
14	**Warranty**	Minimum two-year manufacturer's warranty covering hardware defects under normal operating conditions.
15.	**Other Requirements**	Should be compatible for integration with existing hospital management system and other existing system in hospital required for EMR along with proper documentation.

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Technical Specification of Display Screen

S.N.	Parameters	Description
1	**Display Type and Size**	Flat-panel LED-backlit LCD display, minimum 72 inches.
2	**Picture Quality**	Full HD resolution of at least 1920 × 1080 pixels, minimum 50 Hz refresh rate, and viewing angle of at least 178° horizontally and vertically.
3	**Connectivity**	Minimum 2 HDMI inputs and 1 USB port; built-in Ethernet LAN and Wi-Fi (Wi-Fi optional if not required by the system).
4	**Audio**	Integrated speakers with minimum 20 W total audio output, suitable for announcements.
5	**Wall Mounting**	VESA-compatible wall mounting, with a compatible bracket supporting the display's size, weight and VESA pattern. Suitable mounting hardware shall be included.
6	**Power Supply**	Compatible with Nepal's standard 220–240 V AC, 50 Hz electrical supply.
7	**Accessories**	Remote control, power cable, mounting bracket, required mounting hardware, and other standard accessories necessary for installation and operation.
8	**Warranty and Documentation**	Minimum 2-year warranty covering the display panel, subject to stated warranty terms; manufacturer datasheet, user manual and warranty documentation shall be provided.
9.	**Other Requirements**	Should be compatible for integration with existing hospital management system and other existing system in hospital required for EMR along with proper documentation.

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