



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



पत्र संख्या: 2083/084
चलानी नं. :

फोन नं.: ०६१-५३३५००
फ्याक्सनं.: ०६१-५३३०९९

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मिति: २०८३।०६।२२



प्रस्तुत विषयमा आ.ब. २०८३/८४ मा यस पोखरा स्वास्थ्य विज्ञान प्रतिष्ठान, पश्चिमाञ्चल क्षेत्रीय अस्पतालमा E-Ticketing तथा Laboratory Report vending machine खरिद गर्नुपर्ने भएको हुँदा लागत अनुमान तयारीका लागि यसै पत्र साथ संलग्न Specification बमोजिमको Items को भ्याट बाहेक प्रति ईकाई दररेट ७ दिन भित्र उपलब्ध गराई सहयोग गरिदिनुहुन अनुरोध छ।

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S.N	Partiuculars& Specification	Brand/Company	Unit	Unit Rate (Without VAT)	
				In Figure	In words
1	E-Ticketing तथा Laboratory Report vending machine		Set		

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24

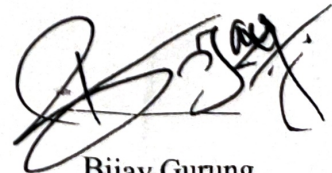
10	Installing ,Training and Support	• The kiosk should be fully integrated with existing HMIS system and compatiabile with Hospital Billing and management software of Hospital. • Supplier shall supply, install, configure, integrate,test and commission all components required for complete operation. • Supplier shall provide practical training for designated hospital operators and IT personnel covering normal operation, basic configuration, troubleshooting and backup/restore procedures. • At handover, the hospital shall receive necessary credentials, configuration backups and technical information required for routine administration and support. • Supplier shall provide user manuals, administrator instructions, system/network diagram, device list, configuration details, warranty(at least 2 years)/support contacts and applicable technical documentation.
11	Warranty and technical Support	• Minimum 2-year warranty covering supplied hardware and the complete installed system. • Supplier shall diagnose and rectify system faults during the warranty period and restore normal operation in accordance with the support terms specified in the contract.
12	Other Features	• Should be compatible and provide required API for integration with existing hospital management system along with proper documentation and can be useful for multiple purpose like report vending,cashless payment system and ticket printing.



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(IT Officer)



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Technical Specifications for Lab report and ticket Vending Machine

S.N	Parameter	Details
1	Kiosk Cabinet	- The material of outer metal cabinet is durable 1.5 mm thickness high quality cold-roll steel frame. - The design is elegant and easy to install and operate; Moisture proof , anti dust,anti acid,anti rust. - The print from A4 paper must be received at the comfortable height of 90cm above the floor (reference height for comfortable collection,minor deviation of +/-5cm can be considered) - The QR code scanner must be placed at the convenient height and angle(vertically and horizontally) to make it easily accessible and the height must be above around 7cm(reference height for comfortable usage,minor deviations can be considered) - The kiosk should have enough number of doors to make it easily accessible to all the components of kiosk - Must have mechanism to control the operable temperature of the system . - The kiosk must be standing on the floor stably and steadily with dimensions of 480mm(W) * 500mm(D) * 1700mm(H) or equivalent. - The kiosk must have flawless finishing and every joint and edges to be seamlessly integrated giving premium grade finishing and high-end look. - All the visible components must be perfectly aligned with zero gaps between components. The assembly must maintain zero tolerance giving kiosk a refined high-precision finish that reflects premium craftsmanship.
2	Industrial PC system	- Motherboard: intel core i5 10th gen or newer or equivalent with minimum 4 cores and 8 threads. 8GB RAM +256GB SSD or equivalent expandable upto 16GB RAM - Interface: 10*USB; 6*COM; 1*VGA;1*HDMI, 1*SATA3.0, 1*M.2 M Key, 1*LAN
3	Operating System	Windows 10 Professional or latest(Licensed)

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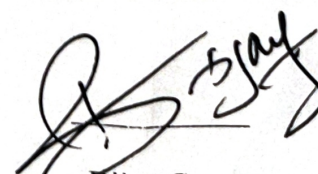
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4	Display and touch screen	• Screen size: 21.5 inches or above, FHD(1920p*1080p) • Contrast: 1000:1 • Display colors: 24-bit display color depth • LED lifetime: Min 30000hrs
5	QR code scanner	• Imaging Technology: Area-imaging CMOS sensor, 640*480 pixels or higher, capable of reading 1D and 2D barcodes • The scanner shall support automatic detection and decoding and shall be integrated/flush-mounted within the kiosk enclosure with USB and/or RS-232 interface. • Light source: LED • Field of view: 68°(H) × 51°(V) or similar or better • Minimum resolution: 5M • 1-D: Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Coda bar, Interleaved 2 of 5, ITF-6, ITF'-14, ISBN, Code 93, UCC/EAN-128, GSI Data bar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey, etc. • 2-D PDF417, QR Code, DataMatrix, etc
6	A4 laser printer	• Printer method: A4 Monochrome Laser Printer • Duplex: 2-sided integrated Duplex • Resolution: Black: Minimum 600 × 600 dpi (or higher), with enhanced resolution/image-quality technology where applicable. • Print speed: 30-40ppm or more • Tray capacity: 250 sheets or more • Should have Additional Paper Tray mounting capability inside the kiosk of at least 250 pages, which can be expanded easily whenever needed. • Toner Cartridge: The Toner cartridge should have a page yield of 12,000 pages or more
7	Speakers	• Dual channel amplified speakers for stereo, 8 Ω 3W or equivalent
8	Power Supply	• AC input voltage range: 120V-240V DC output voltage: 12V (The kiosk shall be compatible with the standard electrical supply available in Nepal.) • proper earthing and over-voltage/over-current protection. • UPS backup of around 1-2 hours shall be provided
9	Other parts	• The following parts should be installed inside the kiosk itself: Security Lock, 2 or more ventilation fans, Wire-Lan Port; Power sockets for electricity, USB ports, Cables, Screws, etc.


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