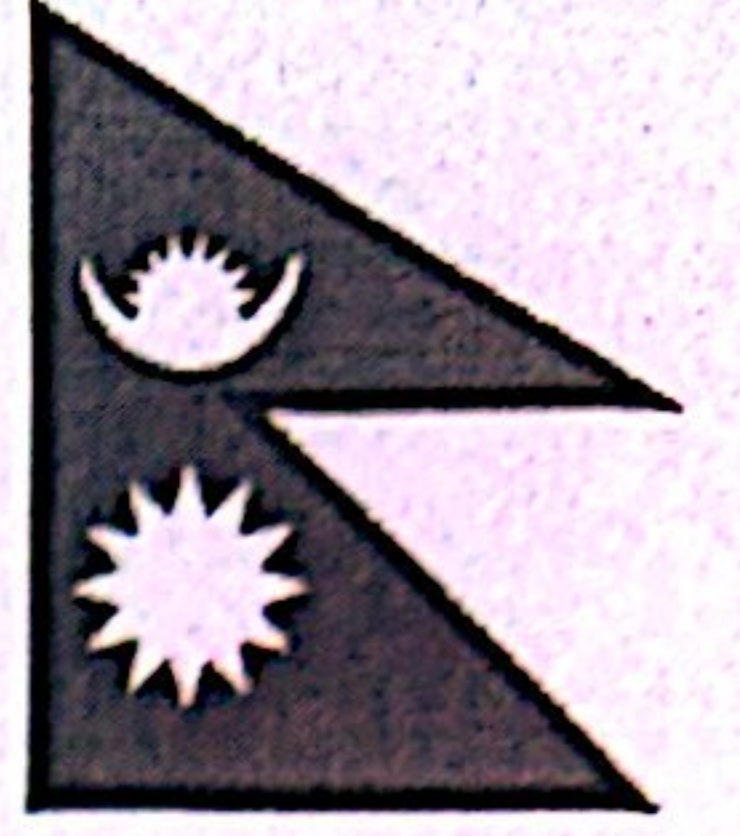




मेचीनगर नगरपालिका नगर कार्यपालिकाको कार्यालय

ईटाभट्टा, झापा
कोशी प्रदेश, नेपाल
नगर कार्यपालिकाको
ईटाभट्टा, झापा
कोशी प्रदेश, नेपाल



प.सं. २०८२/२०८३
च.नं. ९२३६

मिति :- २०८२/०६/०९

विषय :- बजार दर पेश गर्ने सम्बन्धमा ।

प्रस्तुत विषयमा यस मेचीनगर नगरपालिका तथा मातहतका कार्यालयका लागि आ.ब. २०८२/०८३ मा कार्यालय संचालनका लागि आवश्यक पर्ने सूचना प्रविधि सम्बन्धि उपकरणहरूको हालको बजार दररेट आवश्यक भएकाले निम्न बमोजिम कागजात संलग्न गरि १५ दिन सम्ममा बजार दररेट उपलब्ध गराइदिन हुन मेचीनगर नगरपालिका नगरकार्य पालिकाको कार्यालयमा सुचिकृत भएका सूचना प्रविधि सम्बन्धि कार्य गर्ने फर्महरूसँग अनुरोध छ ।

निम्न:

१. दर पेश गरिएको निवेदन

२. आ.ब. २०८२/०८३ मा मेचीनगर नगरपालिका नगर कार्यपालिकाको कार्यालयमा सुचिकृत भएको प्रमाण पत्रको प्रतिलिपि

अनन्त प्रकाश वस्ती
प्रमुख, खरिद इकाई

फोन :- ०२३-५६२०७७, ५६२२१२, ५६२२३३, ५६२४३७, दमकल :- ५६२५०४, फ्याक्स :- ५६२४३७,

Web Site : www.mechinagarmun.gov.np, email : mechinagarmun@gmail.com

Mechinagar Municipality
Office of the Municipal executive
Information Technology Related Equipments-Specification
General Specification



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S.N.	Particular	Description	Specification	Unit	Unit Rate (ex.VAT)
1	Laptop	Processor	Intel Core i7-13620H L3 Cache 24MB or Equivalent	Pc	
		OS	Windows 11 Home		
		Display	size:16";WUXGA (1920 x 1200) 16:10 aspect ratio Refresh Rate:165Hz		
		GPU	Dedicated NVIDIA RTX 4050 OR Equivalent		
		SSD	512GB M.2 NVMe PCIe		
		RAM	16GB DDR5 RAM or Equivalent		
		I/O Ports	Ports 1x USB 3.2 Gen 2 Type-A 1x USB 3.2 Gen 1 Type-A USB Type-C 1x USB 3.2 Gen 2 Type-C Display1x HDMI Audio:1x 3.5mm Headphone/Microphone Input/Output		
		Battery	90Wh		
		Network and Communication	Ethernet:1x RJ-45 WiFi:Wi-Fi 6 (802.11 ax), Dual-band (2.4GHz / 5GHz) Bluetooth:Bluetooth 5.1		
		Webcam	HD		
		Keyboard & Touchpad	Keyboard:White Backlit Keyboard Trackpad:Windows Precision Touchpad		
2	Laptop	Processor	Intel® Core™ i9 Processor 14900HX 2.2 GHz (36MB Cache, up to 5.8 GHz, 24 cores, 32 Threads) or Equivalent	Pc	
		OS	Windows 11 Home		
		Display	16" display with IPS, WQXGA (2560 x 1600) pixels, high-brightness (300 nits)		
		GPU	NVIDIA GeForce RTX 4060 Graphics with 8GB of dedicated GDDR6 VRAM Or Equivalent		
		SSD	1TB SSD		
		RAM	16GB DDR5-5600 Mhz		
		I/O Ports	Number of HDMI Outputs: 1 Number of USB 3.2 Gen 1 Type-A Ports: 2 Number of USB 3.2 Gen 2 Type-A Ports: 1 Number of USB 3.2 Gen 2 Type-C Ports: 1 Total Number of USB Ports: 4 USB Type-C: Yes USB Type-C Detail: USB Type-C port: DisplayPort over USB-C Thunderbolt 4		
		Battery	90Whr, 4-cell Li-Ion Battery Pack		
		Network and Communication	Killer Double Shot Pro Wireless-AX 1650i 802. 11ax Wi-Fi 6 Built-in Bluetooth™ 5.1; Network (RJ-45): Yes		
		Webcam	1080P		
		Keyboard & Touchpad	Keyboard:Full-size, backlit Trackpad:Windows Precision Touchpad		

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3	Laptop	Maximum Power supply Wattage	230 watt
		Processor	Intel Core i7 13th Gen 1355U Processor L3 Cache 12MB or Equivalent
		OS	Windows 11 Home
		Display	14" FHD (1920x1200) IPS Touch Display, 60Hz, 100% sRGB Color Range
		GPU	Intel Iris Xe Graphics
		SSD	1TB PCIe NVMe SSD
		RAM	16GB LPDDR5 RAM
		I/O Ports	2x USB Type-C ports (USB 3.2 Gen 2, DisplayPort over USB-C, USB charging, DC-In 20V; 65W) 2x USB Standard-A ports (USB 3.2 Gen 1, Power off USB charging) 1x HDMI® 2.1 port with HDCP support 1x Headphone/speaker jack
		Battery	65Wh Li-Ion Battery
		Network and Communication	IEEE 802.11ac Bluetooth 5.2, Killer Wireless Wi-Fi 6E 1675i (dual band 2.4GHz & 5GHz)
		Webcam	HD
		Keyboard & Touchpad	Keyboard: White Backlit Keyboard Trackpad: Windows Precision Touchpad
4	Laptop	Processor	12th Generation Intel Core i7, 1255U; 12MB L3 Cache, Up to 4.7 GHz, 10 Cores or Equivalent
		OS	Windows 11 Home
		Display	15.6-inch Full-HD (1920 x 1080 pixels) 120Hz Or Equivalent
		GPU	Intel UHD Graphics
		SSD	512GB M.2 PCIe NVMe Solid State Drive
		RAM	8GB DDR4 2666MHz RAM or Equivalent
		I/O Ports	1 USB 3.2 Gen 1 Type-C® port with DisplayPort 1.4 (on 12th Gen Processor configured with Type-C®) 1 USB 3.2 Gen 1 port (on systems configured with Type-C®) 2 USB 3.2 Gen 1 ports (on systems configured with non Type-C®) 1 USB 2.0 port 1 Power Jack 1 headset (headphone and microphone combo) port 1 HDMI 1.4 port HDMI 1.4 (Maximum resolution supported over HDMI is 1920x1080 @60Hz. No 4K/2K output) Or Equivalent
		Battery	4-Cell 54 Watt-Hours

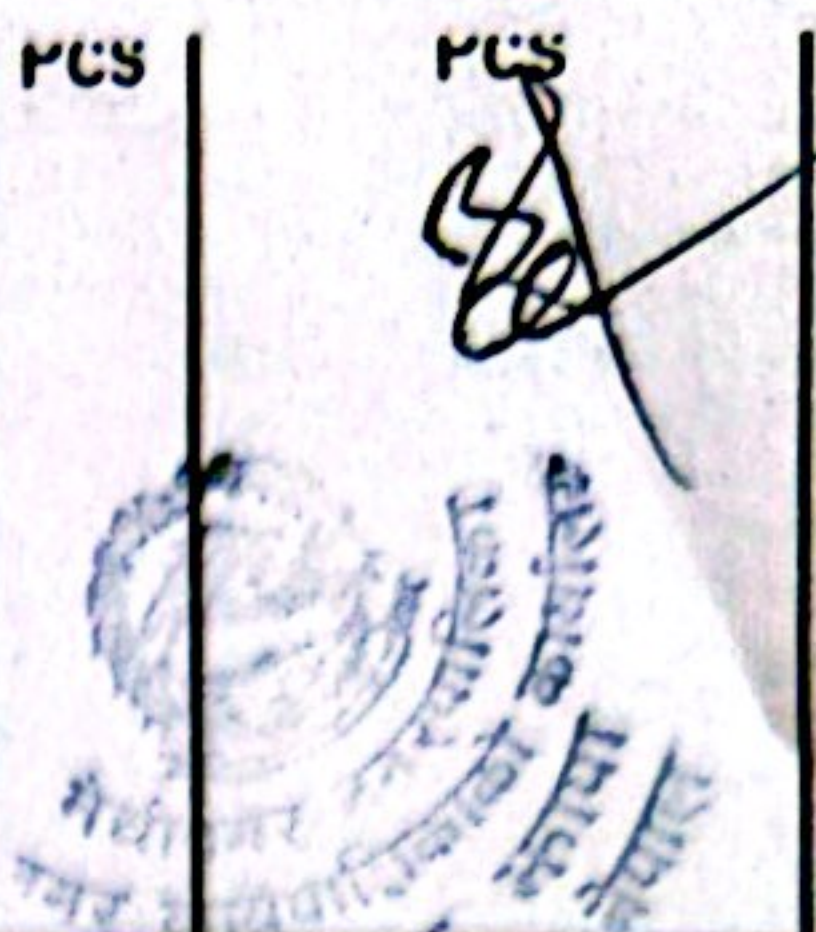
Pcs

		Network and Communication	Ethernet:1x RJ-45 WiFi:Wi-Fi 6 (802.11 ax), Dual-band (2.4GHz / 5GHz) Bluetooth:Bluetooth 5.1		
		Webcam	HD		
		Keyboard & Touchpad	Keyboard:White Backlit Keyboard Trackpad:Windows Precision Touchpad		
5	Laptop	Processor	13th Generation Intel Core i5 1334U Processor (up to 4.6 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads) Or Equivalent	Pcs	
		OS	Windows 11 Home		
		Display	15.6-Inch FHD (1920 x 1080) anti-glare Display		
		GPU	Intel Iris Xe Graphics Card OR Equivalent		
		SSD	512GB M.2 NVMe PCIe		
		RAM	16GB DDR4 RAM or Equivalent		
		I/O Ports	1 x USB Type-C 2 x USB Type-A 1 x AC Smart Pin 1 x HDMI 1.4 1 x Headphone/microphone Combo		
		Battery	3-cell, 41 Wh Li-Ion polymer		
		Network and Communication	Realtek Wi-Fi 6 (1x1) and Bluetooth® 5.3 wireless card		
		Webcam	HD		
		Keyboard & Touchpad	Keyboard: Backlit Keyboard Trackpad:Windows Precision Touchpad		
6	Laptop	Processor	13th Gen Intel® Core™ i7-1360P (18 MB cache, 12 cores, 16 threads, up to 5.00 GHz Turbo) OR Equivalent	pcs	
		OS	Windows 11 Home		
		Display	16", FHD+ 1920x1200, 60Hz, WVA, 300 nit, ComfortView Plus		
		GPU	Intel Iris Xe Graphics Card OR Equivalent		
		SSD	512GB M.2 NVMe PCIe		
		RAM	16GB: LPDDR5, or Equivalent		
		I/O Ports	1 HDMI 1.4* 2 USB 3.2 Gen 1 Type-A 1 Universal Audio Jack** 1 Thunderbolt™ 4.0 (DP/PowerDelivery) Fingerprint Reader		
		Battery	4 Cell, 64 Wh, Integrated		
		Network and Communication	Intel® Wi-Fi 6E AX411, 2x2, 802.11ax, MU-MIMO, Bluetooth® wireless card		
		Webcam	1080p at 30fps FHD Camera		
		Keyboard & Touchpad	Keyboard: Backlit Keyboard Trackpad:Windows Precision Touchpad		
		Processor	12th Gen Intel® Core™ i3-12100 (12 MB cache, 4 cores, 8 threads, 3.40 GHz to 4.50 GHz Turbo, 60 W) OR Equivalent		
		OS	Windows 11 Home		
		Display	Branded original 20" HD Monitor		
		GPU	Intel® Graphics OR Equivalent		
		SSD	256 GB, M.2 2230, PCIe NVMe, SSD		
		RAM	8GB: 1 x 8 GB, DDR4, or Equivalent		



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	Desktop	I/O Ports	Front:2 USB 3.2 Gen 1 ports 2 USB 2.0 ports 1 Universal audio port Back: 2 USB 3.2 Gen 1 ports 2 USB 2.0 ports with Smart Power On 1 HDMI 1.4b port (1920x1200@60Hz max. resolution) 1 DisplayPort 1.4 ports (HBR2) 1 Optional video port (HDMI 2.1/Displayport 1.4a (HBR3)/VGA) 1 Optional Serial port 1 RJ45 Ethernet Port 10/100/1000 Mbps	PCS	
		Power	OptiPlex Tower with 180W Bronze Power Supply, WW OR Equivalent		
		Keyboard and Mouse	Multimedia Keyboard-KB216 - US International (QWERTY) - Black; USB Optical Mouse - Black		
		Audio	Internal Speaker		
8	Desktop	Processor	14th Gen Intel® Core™ i5-14500 (24 MB cache, 14 cores, 20 threads, 2.50 GHz to 4.80 GHz Turbo, 65 W OR Equivalent	PCS	
		OS	Windows 11 Home		
		Display	Branded original 20" HD Monitor		
		GPU	Intel® UHD Graphics OR Equivalent		
		SSD	M.2 2230, 256 GB, PCIe NVMe, SSD		
		RAM	8GB, 1 x 8 GB, DDR5, 4800 MHz, single-channel, or Equivalent		
		I/O Ports	Front:2 USB 3.2 Gen 1 ports 2 USB 2.0 ports 1 Universal audio port Back: 2 USB 3.2 Gen 1 ports 2 USB 2.0 ports with Smart Power On 1 HDMI 1.4b port (1920x1200@60Hz max. resolution) 1 DisplayPort 1.4 ports (HBR2) 1 Optional video port (HDMI 2.1/Displayport 1.4a (HBR3)/VGA) 1 Optional Serial port 1 RJ45 Ethernet Port 10/100/1000 Mbps 2 USB 3.2 Gen 2 ports 3 DisplayPort 1.4a (HBR2) 1 power-adaptor port		
		Power	OptiPlex Tower with 180W Bronze Power Supply, WW Or Equivalent		
		Keyboard and Mouse	Multimedia Keyboard-KB216 - US International (QWERTY) - Black; USB Optical Mouse - Black		
		Audio	No		
9	All in One PC	Processor	14th Gen Intel® Core™ i5-14500 (24 MB cache, 14 cores, 20 threads, 2.50 GHz to 4.80 GHz Turbo, 65 W OR Equivalent	Pcs	
		OS	Windows 11 Home		
		Display	23.8" FHD (1920×1080) IPS Anti-glare 250nits, 100Hz, 99% sRGB, hardware low blue light, 3-side borderless, non-touch Or Equivalent		
		GPU	Intel® UHD Graphics OR Equivalent		
		SSD	512GB SSD M.2 2280 PCIe® 4.0×4 NVMe®		
		RAM	1x 16GB SO-DIMM DDR5-5200, or Equivalent		
		I/O Ports	1x USB-A (USB 10Gbps / USB 3.2 Gen 2) 2x USB-A (Hi-Speed USB / USB 2.0) 1x HDMI®-in 1.4 1x HDMI®-out 2.1 TMDS 1x Ethernet (RJ-45) 1x power connector 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), data transfer only 1x headphone / microphone combo Jack (3.5mm)		
		Power	90W 89% Adapter		
		Keyboard and Mouse	Wireless EOS Keyboard, Luna Grey, English;Wireless EOS Mouse, Luna Grey		
		Audio	High Definition (HD) Audio, Realtek® ALC233-CG codec; 3Wx2, HARMAN Or Equivalent		
		Keyboard & Touchpad	Keyboard: Backlit Keyboard Trackpad:Windows Precision Touchpad		
		Camera	5.0MP + IR		
		Microphone	Dual Microphone		
		Ethernet	Integrated 100/1000M		
		Communication	Wi-Fi® 6, 11ax 2×2 + BT5.1		
		Server Chasis and Board	Form Factor: 1U Rack Server		



10 Server

Processor	Intel® Xeon® Platinum 8558U 2G, 48C/96T, 260M Cache, Turbo, HT (300W) DDR5-4800 Or Equivalent; Sockets: Dual Intel® Xeon® Scalable Processors (4th/5th Gen) Cores: Up to 64 cores (32 cores/socket) Or Equivalent
Memory	2*64GB RDIMM, 5600MT/s, Dual Rank or Equivalent Memory Slots: 32 DDR5 DIMM slots
Drive bays	Up to 8 x 2.5-Inch NVMe SSD max 122.88 TB Up to 10 x 2.5-Inch SAS/SATA/NVMe (HDD/SSD) max 153.6 TB
Storage	HDD Use the standard 2.5" SAS/SATA bays configure 8x 2.4 TB SATA or SAS HDDs in RAID 10 or RAID 5 to balance capacity and redundancy.
Storage Controller	Internal: PERC H965i, PERC H755, PERC H755N, PERC H355, HBA355i External: HBA355e Software RAID: S160 BOSS-N1 Or Equivalent
Power Supply	Dual redundant power supplies recommended for uptime
Management and Security	iDRAC9: Lifecycle Controller with Express/Enterprise license Security: TPM 2.0 FIPS 140-2 Secure Boot, BIOS Security Support lockable Metal front Bezel to provide physical security Monitoring: Thermal sensors, power capping
OS	Supported OS: Windows Server 2022 RHEL 9.x / CentOS 9.x VMware ESXi 8.x Ubuntu 22.04 LTS Default: VMware ESXi 8.0 (pre-Installed)
Environmental Specs	Temperature: Operating: 5°C to 40°C (Nepal climate-optimized) Storage: -40°C to 65°C Humidity: 10–80% (non-condensing)
Rack Integration	Rails: ReadyRails™ II sliding rails (tool-less) Compatibility: 19" standard racks
Network Controller	Embedded: 2 x 1GbE LOM ports Or Equivalent

Pcs



		Raid Controller	Options: PERC H755 (8GB NV cache, SAS/SATA/NVMe support) PERC H355 (Basic RAID 0/1/10/5) Default: PERC H755		
		Boot Options	BOSS-N1: Dual M.2 NVMe with hardware RAID USB-based boot option		
		Ports	Front Ports: 1 x Dedicated iDRAC Direct micro-USB, 1 x USB 2.0, Rear Ports 1 x USB 2.0, 1 x Serial port (optional) 1 x USB 3.0, 1 x Dedicated iDRAC Ethernet port 1 x VGA (optional for liquid cooling configuration) Or Equivalent		
		Accessories	Include all required accessories for rack mounting and cabling management.		
		Warranty and Supportt	Standard Warranty: 3 Years ProSupport (Next-Business-Day Onsite)		
11	Firewall	Throughput	Firewall: 12.5 Gbps IPS/Threat Protection: 2.5 Gbps IPsec VPN: 8.25 Gbps TLS Inspection: 800 Mbps Or Equivalent	pcs	
		Connectivity	6 x 2.5 GbE copper ports + 1 x SFP fiber port. Optional Wi-Fi 6 (802.11ax) on XGS 108w variant (dual-band, 2.4/5 GHz) Or Equivalent		
		Security Capabilities	Core Protections: Standard Protection Bundle: Firewall, IPS, VPN, application control. Xstream Protection Bundle: Adds Zero-Day threat detection, DNS filtering, and SD-WAN orchestration 314. Advanced Features: Optional add-ons like Email Protection (anti-spam, DLP) and Web Server Protection (WAF) Or Equivalent		
		Licensing & Bundles	Subscribed license of 2 years for Xstream protection		
12	External HDD -1TB		Capacity: 1TB / 2TB Color: Black / Blue Dimensions :124 x 101.7 x 22.9mm Weight: 270g Interface: USB 3.2 Gen 1 (USB 5Gbps) Texture: Plastic Operating Temperature: 5°C(41°F) – 50°C (122°F) Operating Voltage: DC 5V, 900mA Or Equivalent	Pcs	

13	External HDD -2TB		Capacity: 1TB / 2TB Color: Black / Blue Dimensions :124 x 101.7 x 22.9mm Weight: 270g Interface: USB 3.2 Gen 1 (USB 5Gbps) Texture: Plastic Operating Temperature: 5°C(41°F) – 50°C (122°F) Operating Voltage: DC 5V, 900mA Or Equivalent	Pc
14	External HDD -4TB		Capacity: 4TB Connection: USB-A 3.1 Compatibility: With most laptop and desktop PC Feature: Shock-Resistant Encryption: AES 256-bit Design: 24mm Price: NPR 21,600 Or Equivalent	Pc
15	External SSD ~1TB		SSD-level performance – with speeds up to 550MB/s read and RW Capacity:1000MB/s ; security solution with 256-bit AES encryption; Features a USB Type-C port. Includes a USB Type-C to USB Type-C and USB Type-C to standard USB Type-A cable;	PC
16	3 in One Laser Printer	Printer Type	Laser	Pc
		Functionality	All-in-One (Print, Scan, Copy)	
		ADF	Yes	
		Scanner type	Flatbed	
		Duplex	Yes	
		Printer Output	B&W	
		Connectivity	USB	
		Print per minute	30 ppm	
		Page size supported	A4, A5, A6, B5, C6, DL	
		Print resolution	1200x 1200 dpi	
Scan resolution	600 x 2400 dpi			
17	3 in 1 Inkjet Printer	3 in 1 color Inkjet Printer	Print Speed:5-9ppm Scan Resolution: 600 x 1200 dpi Copy Speed:Up to 18 CPM Paper Sizes: A4, B5, A5, Legal, Letter, Executive, Envelope C5 / COM10 / DL, Input Capacity 100-sheets Connectivity:wired Or Equivalent	Pc



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