



“कृषि, पर्यटन र व्यापार, समृद्ध नमोबुद्धको आधार”

नमोबुद्ध नगरपालिका

नमोबुद्ध नगरपालिका

वर्खेसुङ्गा व.गर.प.वि.ग

नगर कार्यपालिकाको कार्यालय

भकुण्डेबेशी, काभ्रेपलाञ्चोक

बागमती प्रदेश, नेपाल



०११-४०४०३१
०११-४०४०६८

पत्र संख्या: २०८३/०८४

चलानी नं.: २२४

मिति: २०८३/०५/०१

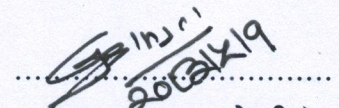
ने.सं.: ११४६ गुंलाख पञ्चमी

विषय: दररेट पेश गर्ने सम्बन्धमा ।

श्री जो-जससँग सम्बन्धित छ ।

प्रस्तुत विषयमा यस नमोबुद्ध नगरपालिकाका लागि निम्नानुसारको सामान खरिद गर्नुपर्ने भएकोले उक्त सामान के कति मूल्यमा यस कार्यालयमा उपलब्ध गराउन सक्नुहुन्छ, पत्रको मितिले ७ (सात) दिनभित्र यस कार्यालयमा वा कार्यालयको इमेल मार्फत मूल्यसूची दर्ता गराउनु हुन अनुरोध छ ।

सि.नं	सामानको नाम	स्पेसिफिकेसन	एकाई	प्रति एकाई मूल्य	कैफियत
१.	Desktop Computer	संलग्न स्पेसिफिकेसन अनुसार	सेट		
२.	3-in-1 Multifunctional Printer		सेट		
३.	Laptop		सेट		
४.	POE Switch		सेट		
५.	Signature Digital Pad		सेट		
६.	Web cam		सेट		
७.	Cisco Router	CISCO C921	सेट		


(सुषमा महता के.सी.)
प्रमुख प्रशासकीय अधिकृत



Technical Specification: Desktop Computer

Particular	Requirements
Brand Name	To be specified by the bidder
Model Number	To be specified by the bidder
Processor	Processor released in year 2023 or later with minimum 6 core cpu and base frequency 2.5 GHz or higher
Memory (RAM)	8 GB DDR4 or higher
Storage	SSD 512 GB or more
Operating System	Genuine Windows 11 or latest
Graphic	Integrated graphics 4 GB or more (if not build in branded, installation after delivery)
Slots and ports	at least 4 USB ports, Audio in/out, M.2 slot
Form Factor	Tower/mini tower
LAN Controller	Ethernet controller with RJ45, Wifi (Inbuilt or integrate after delivery)
Monitor	Same brand LED monitor of display size 21" or higher, should have input for 1 HDMI and 1 VGA ports
Accessories	USB Keyboard, Optical mouse and all standard accessories
Warranty	Minimum 1 Year
Service Tag	Should be provided at the time of delivery.

Technical Specification: A3 Printer

I. Multifunction Laser Printer (3 in 1)

SN	Particulars	Requirements
1.1	Type	Laser Printer
1.2	Brand Name	To be specified by the bidder
1.3	Model Number	To be specified by the bidder
1.4	Type	Monochrome Laser Printer
1.5	Resolution	600x600 DPI or better
1.6	Print Speed	More than 10ppm (A3)
1.7	Paper Size	A3, A4, LGL, Executive, Envelope
1.8	Paper Input	200 sheets or more
1.9	Paper Output	100 sheets or more
1.10	Interface	USB 2.0 or better, LAN
1.11	Power Requirement	220 – 240V (+/-10%), 50 / 60Hz (+/-2Hz)
1.12	Warranty	One Year on both parts and services
1.13	Accessories	All standard accessories

Singh
02/12/24



Technical Specifications: LAN Switch	
Particulars	Requirements
Model	To be mentioned by bidder
Certification	ISO / CE
Ports	Minimum 24x Gigabit RJ45 ports + minimum 2x combo Gigabit SFP Port
Switching Capacity	54 Gbps or higher
Forwarding performance(64 Byte packet size)	40 Mbps or higher
Management	SSH, HTTPS, SNMP
Features	Advanced defense mechanisms, including Dynamic ARP Inspection (DAI), IP Source Guard, and Dynamic Host Configuration Protocol (DHCP) snooping, detect and block deliberate network attacks. Combinations of these protocols are also referred to as IPMB (IP-MAC-port binding).
	DOS (denial-of-service) attack prevention maximizes network uptime in the presence of an attack.
	Protection of management sessions using Radius, TACACS+ and local database authentication as well as secure management sessions over SSL, SSH, and SNMPv3.
	Support for advanced network security applications such as IEEE 802.1X port security to tightly limit access to specific segments of our network. Web based authentication provides a consistent interface to authenticate all types of host devices and operating systems, without the complexity of deploying IEEE 802.1X clients on each endpoint.
	Time based ACLs and Port Operation restrict access to the network during predesignated times, such as business hours.
Warranty and Support	Minimum 1 year with parts replacement and service
Installation and Configuration	The contractor need to perform all necessary tasks including but not limited to installation, configuration and support up to warranty periods.
Accessories	All related accessories should be supplied
Qualification	The proposed appliance OEM should be leader in Gartner Magic Quadrant for wired and Wireless LAN Infrastructure for last 2 years.
MAF	MAF Should be in the name of bidder and address to the survey department.
Service Tag	Should be provided at the time of delivery.

Signature
02/11/21



Technical Specification: A4 Printer

1. Multifunction Laser Printer (3 in 1)

SN	Particulars	Requirements
1.1	Type	Multifunctional Laser Printer(3 in 1)
1.2	Brand Name	To be specified by the bidder
1.3	Model Number	To be specified by the bidder
1.4	Type	Monochrome Laser Printer
1.5	Resolution	600x600 DPI or better
1.6	Print Speed	More than 20ppm (A4)
1.7	Paper Size	A4, LGL, Executive, Envelope
1.8	Paper Input	200 sheets or more
1.9	Paper Output	150 sheets or more
1.10	Interface	USB 2.0 or better, LAN
1.11	Power Requirement	220 – 240V (+/-10%), 50 / 60Hz (+/-2Hz)
1.12	Warranty	One Year on both parts and services
1.13	Accessories	All standard accessories
1.14	Facility	Automatic 2-sided printing
1.15	Function	Print, Scan, Copy (Multifunction)
1.16	Scan Resolution	500 x 500 dpi or higher
1.17	Auto Document Feeder	20 sheets or more

2. Color Laser Printer

SN	Particulars	Requirements
2.1	Type	Color Laser Printer
2.2	Brand Name	To be specified by the bidder
2.3	Model Number	To be specified by the bidder
2.4	Type	Color (CMYK) Laser Printer
2.5	Resolution	600x600 DPI or better
2.6	Print Speed	More than 15ppm (A4)
2.7	Paper Size	A4, LGL, Executive, Envelope
2.8	Paper Input	200 sheets or more
2.9	Paper Output	150 sheets or more
2.10	Interface	USB 2.0 or better
2.11	Power Requirement	220 – 240V (+/-10%), 50 / 60Hz (+/-2Hz)
2.12	Warranty	One Year on both parts and services
2.13	Accessories	All standard accessories
2.14	Facility	Auto-Duplex

Signature
05/11/15

कम्प्यूटर तथा अन्य विद्युतीय सामग्रीहरू स्पेसिफिकेशन

Technical Specification: Branch Firewall/Router

Particulars	Requirements
Brand name	To be specified by the bidders
Model	To be specified by bidders
Certification	ISO / CE
Processor	Multi-core processor
Memory	At least 4GB DDR3
Storage	8 GB eMMC
Interface / ports	6 x 1GbE RJ-45 ports, 2 x 1GbE SFP ports, 1 x RJ-45 console port, 1 x USB 2.0 port LEDs for system status at a glance
Features	•Routing Information Protocol Versions 1 and 2 (RIPv1 and RIPv2) •Generic Routing Encapsulation (GRE) with dynamic routing protocol (e.g OSPF) •Standard 802.1d Spanning Tree Protocol •Layer 2 Tunneling Protocol (L2TP) •L2TP Version 3 (L2TPv3) •Network Address Translation (NAT) •Border Gateway Protocol (BGP) •Open Shortest Path First (OSPF) •IPv4 and IPv6 multicast •Access Control Lists (ACLs) •Dynamic Host Configuration Protocol (DHCP) server, relay, and client •Dynamic DNS •Virtual Route Forwarding (VRF) Lite •DNS Proxy and DNS Spoofing
Security Feature	•Secure Sockets Layer (SSL) VPN for secure remote access •Hardware-accelerated DES, 3DES, AES 128 AES 192, and AES 256 •Public-Key-Infrastructure (PKI) support •IPsec tunnels •Advanced application inspection and control •Flexible packet matching •Dynamic and static port security •Control plane policing •HTTPS, FTP, and Telnet Authentication Proxy
Warranty and support	Minimum 1 years with Parts replacement and service.
Installation and Configuration	The contractor need to perform all necessary tasks including but not limited to Installation, configuration and support up to warranty periods.
Accessories	All related Accessories should be supplied.
Qualification	The proposed appliance OEM should be Leader/challenger in Gartner Magic Quadrant for wired and Wireless LAN Infrastructure at least once in last 2 years.
Service Tag	Should be provided at the time of delivery.
MAF	MAF Should be in the name of bidder and address to the survey department.
Management	web-based GUI command line CLI(SSH)
Monitoring	SysLog support SNMP v1, v2c, v3

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२०८१/२०८२

Technical Specification for 24-Port Gigabit Layer 2 Cloud-Managed Non-PoE Switch

S.N.	Technical Features	Specification Required
1	General Feature	24-Port Gigabit 1U Rackmount Enterprise Layer 2 Cloud-Managed Non-PoE Switch with SFP Uplinks
2	RJ45 Ports	Minimum 24 × 10/100/1000 Base-T Gigabit RJ45 Ethernet Ports
3	SFP Optical Slots	Minimum 4 × 1000Base-X Dedicated SFP Optical Uplink Slots
4	Switching Capacity	Minimum 56 Gbps non-blocking switching fabric
5	Packet Forwarding Rate	Minimum 41.66 Mpps (Mega Packets Per Second)
6	MAC Address Table	Minimum 8,000 (8K) MAC address entries
7	Memory	Minimum 256 MB DDRIII RAM / 16 MB Flash Memory
8	VLAN Capabilities	Must support IEEE 802.1Q VLAN tagging, Port-based VLANs, and Voice VLAN
9	Loop Protection	Must support IEEE 802.1D Spanning Tree Protocol (STP) and IEEE 802.1w Rapid Spanning Tree Protocol (RSTP)
10	Network Security & Control	Must support Broadcast/Multicast Storm Control, Port Isolation, DHCP Snooping, Port Mirroring, and Access Control Lists (ACLs)
11	User Authentication	Must support IEEE 802.1X authentication with RADIUS support
12	CCTV Optimization	Should support IP camera identification/detection and CCTV network management features
13	Surge Protection	Built-in port and power supply surge protection of at least 6 kV common mode
14	Cooling Design	Fanless natural heat dissipation design for silent operation
15	Management Interface	Must support cloud-based management, web-based management interface, and SNMP management
16	Physical Form Factor	Standard 19-inch 1U Rackmount heavy-duty metal chassis
17	Power Supply	Built-in internal power supply supporting standard input of 100–240V AC, 50/60Hz
18	Power Consumption	Maximum power consumption under full traffic load must not exceed 21 W
19	Reliability (MTBF)	Mean Time Between Failures (MTBF) of at least 400,000 hours
20	Accessories Included	Must include standard rack-mount brackets, mounting screws, rubber feet, and AC power cord
21	Certifications	CE, FCC, RoHS or equivalent international safety and EMC standards
22	Warranty & Support	Minimum 5 Years official manufacturer warranty with vendor technical support



.....*B. M. J.*.....

विप्लव हमाल
सूचना प्रविधि अधिकृत

Technical Specifications for Desktop Computer

1	Brand		
2	Model		
3	Country Of Origin		
S.N.	Specification Item	Specification Requirement	Remarks
1	Brand/Model	Desktop Computer (Tower / Mini Tower)	
2	Processor	Intel Core i5 (12th Generation or higher) or equivalent	
3	Memory (RAM)	Minimum 8 GB (DDR4 or DDR5)	
4	Storage	Minimum 256 GB SSD	
5	Storage Type	SSD (NVMe / PCIe or equivalent)	
6	Graphics	Integrated Graphics (Intel UHD, Intel Graphics, AMD Radeon Graphics or Equivalent)	
7	Display Support	Support for external monitor	
8	Monitor	Optional (bundle or separate acceptable)	
9	Networking	Ethernet LAN (RJ45)	
10	Wireless	Optional (WiFi / Bluetooth if available)	
11	Ports	Minimum 4 USB ports (USB 2.0 / 3.0 or higher)	
12	Audio	Audio input/output ports	
13	Expansion	RAM and storage upgrade support	
14	OS	Compatible with Windows / Linux	
15	Input Devices	USB Keyboard and Mouse	
16	Power Supply	Standard internal power supply	
17	Form Factor	Compact / Mini Tower / Tower	
18	Usage	Suitable for office applications	
19	Warranty	Minimum 1 year manufacturer warranty	

Note:

The above specifications represent the minimum technical requirements. Any product meeting or exceeding these requirements shall be considered acceptable, subject to submission of supporting manufacturer documentation.

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सूचना प्रविधि अधिकृत

Minimum Technical Specifications for Laptop



	Brand		
	Model		
	Country Of Origin		
S.N.	Component	Specification Requirement	Remarks
1.	Processor (CPU)	Minimum Intel Core i7 (12th Generation or Higher)	
2.	Memory (RAM)	Minimum 8GB DDR4 or DDR5	
3.	Storage	Minimum 512GB PCIe NVMe M.2 SSD	
4.	Display	14-inch to 15.6-inch Full HD (1920 x 1080) LED / Standard Display	
5.	Graphics	Integrated Intel Graphics	
6.	Wired Connectivity	RJ45 Ethernet LAN Port (Can be built-in OR provided via a dedicated USB/Type-C Adapter)	
7.	Wireless Connectivity	Integrated Wi-Fi and Bluetooth Version 5.0 or higher	
8.	Ports	Minimum 2 × USB Type-A Ports, 1 × HDMI Port. (USB Type-C Port, if available.)	
9.	Webcam	Integrated HD Webcam with Microphone	
10.	Keyboard	Standard QWERTY Keyboard	
11.	Operating System	Genuine Windows 11 Home or Pro	
	Warranty	Minimum 1-Year Authorized Hardware Warranty	

Note:

The above specifications represent the minimum technical requirements. Any product meeting or exceeding these requirements shall be considered acceptable. Any dealer-installed upgrades must be fully covered by the 1-year warranty.

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सूचना प्रविधि अधिकृत

Technical Specifications For Monochrome Multifunction Laser Printer

1	Brand		
2	Model		
3	Country Of Origin		
S.N.	Specification Item	Specification Requirement	Remarks
1	Functionality	Print, Scan, Copy	
2	Printing Technology	Monochrome Laser Printing Technology	
3	Print Speed	Minimum 28 Pages per Minute	
4	Print Resolution	Minimum 600 × 600 dpi	
5	Automatic Duplex Printing	Supported	
6	Copy Speed	Minimum 28 Copies per Minute	
7	Copy Resolution	Minimum 600 × 600 dpi	
8	Scan Type	Flatbed Scanner with Automatic Document Feeder (ADF)	
9	Scan Resolution	Minimum 600 × 600 dpi (Optical)	
10	Scan Speed	Minimum 10 Images per Minute (Mono) via ADF	
11	Automatic Document Feeder (ADF)	Minimum 35 Sheets Capacity	
12	Paper Input Capacity	Minimum 150 Sheets	
13	Paper Output Capacity	Minimum 100 Sheets	
14	Paper Size Support	A4, Letter, Legal, A5 (Minimum)	
15	Connectivity	USB 2.0 and Ethernet LAN	
16	Wireless Connectivity	Supported	
17	Network Capability	TCP/IP Networking Supported	
18	Memory	Standard Manufacturer Configuration (Minimum 128 MB)	
19	Power Requirement	220–240V AC, 50/60 Hz	
20	Warranty	Minimum 1 Year Manufacturer/Authorized Service Warranty	

Note:

The above specifications represent the minimum technical requirements. Any product meeting or exceeding these requirements shall be considered acceptable, subject to submission of supporting manufacturer documentation.

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सचना प्रविधि अधिकृत