



शिवसताक्षी नगरपालिका

नगर कार्यपालिकाको कार्यालय

व्याग्रीडाडा, भर्नापा,
२०७३
कोशी प्रदेश २०७३

कार्यालय ०२३-४७०३२३
फ्याक्स ०२३-४७०३२२

कोशी प्रदेश, नेपाल ।

प.सं. २०८३/८४

च.नं. ९५०

मिति:- २०८३/०६/२७

श्री सम्बन्धित फर्म/सप्लायर्स सबै

बिषय:- लागत अनुमानका लागि दररेट उपलब्ध गराउने सम्बन्धमा ।

उपरोक्त विषयमा यस शिवसताक्षी नगरपालिकालाई संलग्न Specification अनुसारको Computer, Printer, Scanner जस्ता विद्युत्तिय सामग्रीहरु आवश्यकता परेको हुदाँ सूचना प्रकाशित मितिले ३ दिन भित्र कार्यालय समयमा नगर कार्यपालिकाको कार्यालयमा अथवा ito.shivasatakshimuri@gmail.com / dms.shivasatakshimun@gmail.com मा E-mail गरि उपलब्ध गराईदिनु हुन सार्वजनिक सूचना प्रकाशन गरिएको सम्बन्धित सबैमा जानकारीको लागि अनुरोध छ ।

[Signature]
सुनिता तुम्बाहाङफे
प्रमुख प्रशासकीय अधिकृत



शिवसताक्षी नगरपालिका

नगर कार्यपालिकाको कार्यालय

ब्यागिडाडा, भक्तपुर,

२०७३
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Specification

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S.N	Particular	Specification	Remark
1	Desktop Computer	Processor: 14th Gen Intel Core i5-14400 Cores / Threads: Min 10 Cores (6 Performance-cores + 4 Efficiency-cores) / 16 Threads Frequency: P-core: 2.5 GHz up to 4.7 GHz E-core: 1.8 GHz up to 3.5 GHz Cache: Min 20MB Intel Smart Cache Graphics: Integrated Intel UHD Graphics 730 (Supports dual displays simultaneously via HDMI and VGA) Memory (RAM): Min 8GB UDIMM DDR5-4800 Slots: Min 2x DDR5 UDIMM slots (Dual-channel capable) Maximum Upgrade Limit: Up to 32GB DDR5-5600 Storage: Min 512GB SSD M.2 2280 PCIe 4.0x4 NVMe Storage Expansion: Supports up to 2 drives total (1x 3.5" SATA HDD up to 2TB + 1x M.2 SSD up to 1TB) Wireless: Wi-Fi 6 (802.11ax, 2x2) + Bluetooth 5.2 Ethernet: Gigabit RJ-45 Ethernet port (10/100/1000M) Front Ports: Min 1x USB-C (5Gbps data transfer, 15W charging), 2x USB-A (5Gbps), 1x Headphone / Microphone combo jack (3.5mm) Rear Ports: Min 4x USB 2.0 ports, 1x HDMI 2.1 port, 1x VGA port, 1x Ethernet (RJ-45), 1x Audio-out (3.5mm) Color: Any Power Supply: 260W or 310W PSU (varies by region/exact bundle) Operating System: Windows 11 Home / Pro	
2	External HDD	Storage Capacity: 4 TB Drive Form Factor: 2.5-inch internal mechanical hard drive Internal Disk Speed: 5,400 RPM Interface: USB 3.2 Gen 1 (fully compatible with USB 3.0 and USB 2.0) Max Interface Speed: Up to 5 Gb/s signaling rate Power Source: USB Bus-Powered (no external wall adapter required)	
3	Color Photocopy Machine	System Performance & Hardware • System Speed: Up to 22 ppm (pages per minute) for A4 size documents in both monochrome and color. For A3 documents, it runs up to 12 or 14 ppm. • Control Panel: Features at least a 7-inch multi-touch color screen with smartphone-like touch gesture controls and customizable widgets. • System Memory: Min 3 GB of RAM • Storage Capacity: Min 8 GB microSD storage with an	



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		optional 256 GB SSD upgrade. • Processor Speed: Quad-Core 1.6 GHz central processing unit for seamless processing during heavy workloads. • Warm-Up Time: Approximately 15 to 20 seconds to prepare from power-on. Copier & Printer Specifications • Resolution: Up to 1800 x 600 dpi equivalent resolution. • Duplex Auto Printing: Fully integrated automatic duplex functionality for printing double-sided materials. • Magnification Range: 25% to 400% in precise 0.1% increments. • Advanced Copy Features: Card Shot (automatically scaling ID cards to print both sides onto one page), booklet making, and non-image area erasing. Scanner Specifications • Scanning Speed: Up to 30 opm (originals per minute) on standard models. • Scan Targets: To Email, PC via SMB protocols, FTP servers, USB storage devices, and WebDAV folders. • File Formats Supported: JPEG, TIFF, PDF, Compact PDF, XPS, Compact XPS, and direct PPTX conversions. Paper and Media Handling • Supported Paper Sizes: A5 up to A3 sizes, alongside specialized 12x18 inch configurations. • Banner Printing: Long-form banner printing sheets up to 1,200 mm in length. • Media Weight Range: Between 60 to 256 gsm through internal components, and accepts heavier media weights up to 300 gsm on specialized custom settings. • Paper Input Capacity: Two standard 500-sheet paper trays alongside a 100-sheet manual bypass tray, offering a total standard layout capacity of 1,150 sheets. Connectivity & Software Options • Standard Network Layouts: High-speed 10/100/1,000-Base-T Ethernet and USB 2.0 device ports. • Mobile & Wireless Capabilities: Built-in compliance for Apple AirPrint, Mopria Mobile Print, NFC pairing tags, and optional local Wi-Fi Direct additions.	
4	Scanner	Scanner Type: Flatbed. Scanning Element: Contact Image Sensor (CIS). Light Source: 3-color (RGB) LED. Optical Resolution: 2400 x 2400 dpi (with a selectable resolution of 25–19,200 dpi via software). Scanning Bit Depth (Color): Min 48-bit input (16-bit for each color). Windows supports 48-bit or 24-bit output, while macOS	

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		supports 24-bit output. Scanning Bit Depth (Grayscale): Min 16-bit input and 8-bit output. Maximum Document Size: A4 / Letter (216 x 297 mm). Scanning Speed: Color A4 (300 dpi): Approximately 10 seconds, Color 4x6" (300 dpi): Approximately 5 seconds. Connectivity & Physical Attributes Interface: USB 2.0 High-Speed Mini-B. EZ-Scan Buttons: 4 dedicated buttons for quick operations: PDF, AUTOSCAN, COPY, and SEND (Scan to Cloud). Power Supply: USB port power supply (no separate wall plug needed). Power Consumption: 4.5W maximum during operation; 0.3W on standby.	
5	Printer	Printer Type: Monochrome (Black & White) Laser Printer. Print Speed: Up to 12 pages per minute (ppm). First Page Out: Quick 9.3 seconds or less. Print Resolution: Min 600 x 600 dpi (Enhanced up to 2400 x 600 dpi). Monthly Print Volume: Between 200 to 800 pages Paper Input Capacity: Min 150 sheets in the main tray. Paper Sizes Supported: A4, Letter, Legal, A5, B5, and Envelopes. Connectivity: USB 2.0 High-Speed (No Wi-Fi/Ethernet). Power Supply: AC 220-240V, 50/60Hz. Power Consumption: Approximately 259W during active operation	
6	Smart Board Stand	Load Capacity: Holds 200-220 lbs; stand weighs 30-43 lbs. VESA Mount: Fits 200x200 mm up to 1000x600 mm patterns. Height Control: Up to 15 inches of manual/crank adjustment. Wheels: Four 3- to 4-inch heavy-duty casters with locks. Build: Scratch-resistant alloy steel with a wide, anti-tip base. Extras: 40 lb capacity shelf and built-in cable management.	
7	POE Switch	10/100/1000Base-T ports: 24 SEP Ports: 2 PoE/PoE+ Ports: 24 Max PoE budget: 370W Switching Capacity: 52 Gbps Forwarding Rate: 38.69 Mbps Mac Address Table: 8000 Maximum VLAN Support: 16 Port Surge: 4kv Flow Control: Yes STP (IEEE 802.1d): No RSTP (IEEE 802.1w): No MSTP (IEEE 802.1s): No Port Fast: Yes ACL Entries: 1200	

7/10/2023
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अधिकृतस्तर सार्ता



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नगर कार्यपालिकाको कार्यालय

हर्षागढाडा, काँपा,
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		Power Supply: 110-240V AC, 6A FAN: Inbuilt 1 Acoustic Noise: <45dB Power Supply: Power Cord Warranty: 2 years on part	
8	Biometric Fingerprint Scanner	Sensor Type: Optical Scratch-Free Sensor Resolution: Min 500 DPI Active Platen Area: Min 15mm x 18 mm Image Size: 296 *354 Pixels Grayscale: 256 (8-bit) Interface: USB 2.0 (High Speed), supports OTG Authentication Speed: < 2 Seconds Lighting: Red LED Operating Temperature: 0° to 50°C IP Rating: IP54 (Dust/Water Protection) OS Support: Windows (x86/x64), Linux, Android Certifications: FBI PIV, Mobile-ID FAP10, STQC, CE, FCC, RoHS, WHQL Data Formats: ISO 19794-2, ISO 19794-4, ANSI 378, WSQ3.1	

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