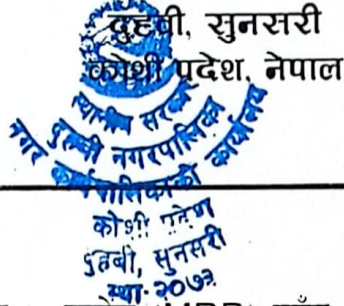




स्थानीय सरकार
दुहवी नगरपालिका
नगर कार्यपालिकाको कार्यालय

प.सं. : ०८३/०८४

च.नं. :



मिती २०८३/०४/०६

विषय :- दररेट (MRP) माँग सम्बन्धमा ।

प्रकाशित मिती २०८३/०४/०६

प्रस्तुत विषयमा आ.ब.२०८३/०८४ मा यस नगरपालिकाको कार्यालय तथा मातहतका शाखा, वडा कार्यालय, स्वास्थ्य संस्थाहरु सञ्चालनका लागि तपसिल बमोजिमको आवश्यक मेशिन औजार सामग्री खरिद गर्नु परेको हुदाँ सम्बन्धित विषयमा कारोबार गर्ने इच्छुक, दर्ता भएका फर्म/कम्पनी/आपूर्तिकर्ताहरुले यो सुचना प्रकाशित भएको मितिदेखि ७ (सात) दिन भित्र आवश्यक कागजातहरु सहित दररेट (MRP) मु.अ.कर बाहेक पेश गर्नु हुन यो सुचना प्रकाशित गरिएको छ । साथै सामग्रीहरुको स्पेसिफिकेसन यसै साथ सलग्न छ ।

तपसिल:

1. UPS (Uninterruptible Power Supply)
2. Standard Laptop
3. High-End Laptop (Mobile Workstation)
4. Color Laser Multifunction Printer (Print, Scan & Copy)
5. All-In-One Monochrome Laser Printer (Print, Scan & Copy)
6. All-In-One Desktop Computer

आवश्यक कागजातहरु

१. फर्म/संस्था दर्ता प्रमाणपत्रको प्रतिलिपी ।
२. स्थायी. लेखा नं. / मु.अ.कर दर्ता प्रमाणपत्रको प्रतिलिपी ।
३. आ.ब. २०८१/०८२ को करचुक्ता प्रमाणपत्रको प्रतिलिपी ।


(सुवर्णचिह्नित)
(प्रमुख प्रशासकीय अधिकृत)

Technical Specification for All-in-One Desktop Computer

S.N.	Component	Minimum Technical Requirement	Remarks
1.	Brand	Internationally reputed OEM Brand	
2.	Model	To be specified by the supplier	
3.	Form Factor	Original OEM All-in-One (AIO) Desktop	
4.	Processor	Intel Core i5 (13th Gen or newer) / Intel Core Ultra 5 / AMD Ryzen 5 7000 Series or higher, minimum 10 cores or equivalent performance	
5.	Chipset	OEM chipset compatible with offered processor	
6.	Memory (RAM)	Minimum 16 GB DDR5, expandable to at least 32 GB	
7.	Storage	Minimum 512 GB PCIe NVMe SSD	
8.	Display	Minimum 23.8" IPS, Full HD (1920 × 1080), Anti-glare	
9.	Graphics	Integrated graphics supporting Full HD and dual-display capability	
10.	Camera	Integrated Full HD (1080p) Webcam with privacy shutter (preferred)	
11.	Audio	Integrated Stereo Speakers and Dual Array Microphone	
12.	Network	Integrated 10/100/1000 Mbps Ethernet	
13.	Wireless	Wi-Fi 6 or higher and Bluetooth 5.2 or higher	
14.	Ports	Minimum 4 × USB (at least 2 × USB 3.2), 1 × USB Type-C, 1 × HDMI Out/DisplayPort, 1 × RJ-45, 1 × Audio Combo Jack	
15.	Keyboard	USB/Wireless Keyboard of same OEM	
16.	Mouse	USB/Wireless Optical Mouse of same OEM	
17.	Operating System	Genuine Windows 11 Professional 64-bit OEM pre-installed	
18.	Security	TPM 2.0, Secure Boot, BIOS Password Protection	
19.	Power	220–240V AC, Energy Efficient	
20.	Online verification of product	Product's serial number must be verifiable on manufacturer's website	
21.	Warranty	Minimum 3 Years Comprehensive On-site Warranty (Parts & Labor)	
22.	Documentation	Manufacturer's Authorization Letter, Warranty Declaration	

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Technical Specification for All-in-One Monochrome Laser Printer (Print, Scan & Copy)

S.N.	Component	Minimum Technical Requirement	Remarks
1.	Brand	Internationally Reputed OEM Brand	
2.	Model	To be specified by the supplier	
3.	Printer Type	Monochrome Laser Multifunction Printer (Print, Scan & Copy)	
4.	Print Technology	Laser Electrophotographic Technology	
5.	Print Speed	Minimum 40 Pages Per Minute (A4)	
6.	Print Resolution	Minimum 1200 × 1200 dpi	
7.	First Page Out Time	Maximum 7.5 Seconds	
8.	Duplex Printing	Automatic Duplex Printing	
9.	Monthly Duty Cycle	Minimum 80,000 pages/month	
10.	Recommended Monthly Print Volume	3,000–8,000 pages/month	
11.	Processor	Minimum 1.0 GHz or OEM Standard	
12.	Memory	Minimum 512 MB	
13.	Display	Minimum 2.7-inch Color Touchscreen or LCD Display	
14.	Paper Input Capacity	Minimum 250-sheet Input Tray + 100-sheet Multipurpose Tray	
15.	Paper Output Capacity	Minimum 150 Sheets	
16.	Supported Paper Size	A4, A5, A6, Letter, Legal, Executive and Custom Sizes	
17.	Scanner Type	Flatbed with Automatic Document Feeder (ADF)	
18.	ADF Capacity	Minimum 50 Sheets	
19.	Scan Resolution	Optical Resolution Minimum 600 × 600 dpi	
20.	Duplex Scanning	Automatic Duplex (Single-pass preferred)	
21.	Scan Format	PDF, JPEG, TIFF, PNG	
22.	Copy Speed	Minimum 40 Copies Per Minute	
23.	Copy Resolution	Minimum 600 × 600 dpi	
24.	Connectivity	High-Speed USB 2.0, Gigabit Ethernet	

Technical Specification for All-in-One Monochrome Laser Printer (Print, Scan & Copy)

S.N.	Component	Minimum Technical Requirement	Remarks
25.	Wireless	Wi-Fi (Preferred) or Wi-Fi Direct	
26.	Supported Operating Systems	Windows 10/11, Windows Server, Linux, macOS	
27.	Toner	High-Yield Starter Toner supplied with printer	
28.	Security	Secure Print, User Authentication, Password-protected Administration	
29.	Power Supply	220-240V AC, 50 Hz	
30.	Warranty	Minimum 3 Years Comprehensive On-site Warranty	
31.	Documentation	Manufacturer's Authorization Letter, Warranty Declaration	

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प्रमुख प्रशासकीय अधिकारी

Technical Specification for Color Laser Multifunction Printer (Print, Scan & Copy)

S.N.	Component	Minimum Technical Requirement	Remarks
1.	Brand	Internationally Reputed OEM Brand	
2.	Model	To be specified by the supplier	
3.	Printer Type	Color Laser Multifunction Printer (Print, Scan & Copy)	
4.	Print Technology	Laser Electrophotographic Technology	
5.	Functions	Print, Scan and Copy	
6.	Print Speed (Black/Color)	Minimum 30 Pages Per Minute (A4)	
7.	Print Resolution	Minimum 1200 × 1200 dpi	
8.	First Page Out Time	Maximum 10 Seconds (Black & Color)	
9.	Duplex Printing	Automatic Duplex Printing	
10.	Monthly Duty Cycle	Minimum 50,000 Pages	
11.	Recommended Monthly Print Volume	2,000–5,000 Pages	
12.	Processor	OEM Standard (Minimum 1.0 GHz preferred)	
13.	Memory	Minimum 1 GB	
14.	Display	Minimum 4.3-inch Color Touchscreen LCD	
15.	Paper Input Capacity	Minimum 250-sheet Input Tray + 100-sheet Multipurpose Tray	
16.	Paper Output Capacity	Minimum 150 Sheets	
17.	Supported Paper Sizes	A4, A5, A6, Letter, Legal, Executive, Envelopes and Custom Sizes	
18.	Scanner Type	Flatbed with Automatic Document Feeder (ADF)	
19.	ADF Capacity	Minimum 50 Sheets	
20.	Scan Resolution	Optical Resolution Minimum 600 × 600 dpi	
21.	Duplex Scanning	Automatic Duplex Scanning (Single-pass preferred)	
22.	Scan Format	PDF, JPEG, TIFF, PNG	
23.	Copy Speed	Minimum 30 Copies Per Minute (Black & Color)	
24.	Copy Resolution	Minimum 600 × 600 dpi	

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प्रमुख प्रशासिक अधिकारी

Technical Specification for Color Laser Multifunction Printer (Print, Scan & Copy)

S.N.	Component	Minimum Technical Requirement	Remarks
25.	Connectivity	High-Speed USB 2.0, Gigabit Ethernet	
26.	Wireless Connectivity	Wi-Fi (Dual Band preferred) and Wi-Fi Direct	
27.	Supported Operating Systems	Windows 10/11, Windows Server, Linux, macOS	
28.	Toner	High-Yield Starter Toner Set (CMYK) supplied with printer	
29.	Security	Secure Boot, Secure Print, Firmware Integrity Check	
30.	Power Supply	220-240V AC, 50/60 Hz	
31.	Warranty	Minimum 3 Years Comprehensive On-site Warranty	
32.	Documentation	Manufacturer's Authorization Letter, Warranty Declaration	

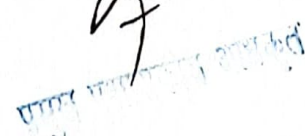
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प्रमुख प्रशासकीय अधिकृत

Technical Specification for High-End Laptop (Mobile Workstation)

S.N.	Component	Minimum Technical Requirement	Remarks
1.	Brand	Internationally Reputed OEM Brand	
2.	Model	To be specified by the supplier	
3.	Form Factor	Professional Mobile Workstation Laptop	
4.	Processor	Intel Core Ultra 7 / Intel Core i7 (14th Gen or newer) / AMD Ryzen 7 PRO or higher, minimum 14 cores (or equivalent AMD performance)	
5.	Graphics	Dedicated Professional GPU (NVIDIA RTX A1000 / RTX 2000 Ada or newer) with minimum 8 GB GDDR6 VRAM , ISV Certified; or equivalent professional GPU	
6.	Memory (RAM)	Minimum 32 GB DDR5, expandable to at least 64 GB	
7.	Storage	Minimum 1 TB PCIe Gen4 NVMe SSD (Expandable SSD slot preferred)	
8.	Display	15.6" or 16", WUXGA (1920 × 1200) or higher, IPS, Anti-glare, Minimum 300 nits	
9.	Color Accuracy	Minimum 100% sRGB preferred	
10.	Webcam	Full HD (1080p) with Privacy Shutter	
11.	Audio	Dual Speakers with Dual Array Microphones	
12.	Network	Integrated Gigabit Ethernet (or OEM Adapter)	
13.	Wireless	Wi-Fi 6E or higher, Bluetooth 5.3 or higher	
14.	Ports	Minimum: 2 × USB-A 3.2, 2 × USB Type-C/Thunderbolt 4 (or USB4), HDMI, RJ-45 (or OEM adapter), Audio Combo Jack	
15.	Keyboard	Backlit Keyboard	
16.	Operating System	Genuine Windows 11 Professional (64-bit) OEM Pre-installed	
17.	Security	TPM 2.0, BIOS Password, Secure Boot, Kensington Lock Slot	
18.	Battery	Minimum 70 Wh, OEM Fast Charging	
19.	Power Adapter	OEM USB-C or Standard Adapter (Minimum 140 W or as recommended by OEM)	
20.	Warranty	Minimum 3 Years Comprehensive On-site Warranty (Parts & Labor)	
21.	Documentation	Manufacturer's Authorization Letter, Warranty Declaration	
22.	Accessories	OEM Carrying Case/Backpack and Optical Wireless Mouse	

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Technical Specification for Standard Laptop

S.N.	Component	Minimum Technical Requirement	Remarks
1.	Brand	Internationally Reputed OEM Brand	
2.	Model	To be specified by the supplier	
3.	Form Factor	Business-class Notebook Laptop	
4.	Processor	Intel Core i5 (13th Generation or newer) / Intel Core Ultra 5 / AMD Ryzen 5 PRO (7000 Series or newer) or equivalent	
5.	Memory (RAM)	Minimum 16 GB DDR5 (or LPDDR5 where OEM design requires), expandable to at least 32 GB where applicable	
6.	Storage	Minimum 512 GB PCIe NVMe SSD	
7.	Graphics	Integrated Intel Graphics / Intel Arc (where applicable) / AMD Radeon Graphics	
8.	Display	14" or 15.6" Full HD (1920 × 1080) or WUXGA (1920 × 1200), IPS, Anti-glare, minimum 250 nits	
9.	Camera	Integrated Full HD (1080p) Webcam with Privacy Shutter	
10.	Audio	Integrated Stereo Speakers and Dual Array Microphone	
11.	Network	Gigabit Ethernet (integrated or OEM adapter)	
12.	Wireless	Wi-Fi 6 or higher and Bluetooth 5.2 or higher	
13.	Ports	Minimum: 2 × USB-A 3.2, 1 × USB Type-C (USB 3.2/USB4), HDMI, Audio Combo Jack	
14.	Keyboard	Spill-resistant, Backlit Keyboard preferred	
15.	Pointing Device	Multi-touch Precision Touchpad	
16.	Operating System	Genuine Windows 11 Professional (64-bit) OEM Pre-installed	
17.	Security	TPM 2.0, BIOS Password, Secure Boot	
18.	Battery	Minimum 45 Wh with Fast Charging support	
19.	Power Adapter	OEM USB-C or Standard Adapter	
20.	Accessories	OEM Carrying Bag and Optical Wireless Mouse	
21.	Warranty	Minimum 3 Years Comprehensive On-site Warranty (Parts & Labor)	
22.	Documentation	Manufacturer's Authorization Letter, Warranty Declaration	

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Technical Specification for UPS (Uninterruptible Power Supply)

S.N.	Component	Minimum Technical Requirement	Remarks
1.	Brand	Internationally Reputed OEM Brand	
2.	Model	To be specified by the supplier	
3.	UPS Type	Line-Interactive UPS	
4.	Capacity	Minimum 1000 VA / 600 Watts	
5.	Input Voltage	220-240 VAC, Single Phase	
6.	Input Frequency	50/60 Hz (Auto Sensing)	
7.	Output Voltage	230 VAC $\pm 10\%$	
8.	Output Waveform	Simulated Sine Wave (Pure Sine Wave preferred)	
9.	Automatic Voltage Regulation (AVR)	Required (Boost & Buck)	
10.	Transfer Time	Maximum 10 milliseconds	
11.	Battery Type	Maintenance-Free, Sealed Lead Acid (VRLA) or Equivalent	
12.	Backup Time	Minimum 10 minutes at 70% rated load (Desktop PC with monitor)	
13.	Recharge Time	Maximum 8 Hours to 90% Capacity	
14.	Overload Protection	Required	
15.	Surge & Spike Protection	Required	
16.	Short Circuit Protection	Required	
17.	Battery Deep Discharge Protection	Required	
18.	Audible Alarm	Battery Mode, Low Battery, Overload and Fault Indication	
19.	Display	LCD or LED Display indicating Input/Output Voltage, Load and Battery Status	
20.	Communication Interface	USB Port with Power Management Software	
21.	Output Sockets	Minimum 4 Battery Backup & Surge Protected Outlets	
22.	Efficiency	Minimum 95% in Line Mode	
23.	Operating Temperature	0°C to 40°C	
24.	Warranty	Minimum 2 Years Comprehensive Warranty, including battery	
25.	Documentation	Manufacturer's Authorization Letter, Warranty Declaration	

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