स्थायी लेखा नं.: २०१२९६११०
कार्यालय कोड नं.: ८०१०५५८०२

ठाकुरबाबा नगरपालिका
Thakurbaba Municipality

नगर कार्यपालिकाको कार्यालय

Office of the Municipal Executive

(Google Plus Code: C8RJ+C6 Neulapur)

सैनवार, बर्दिया
Sainawar, Bardiya

लुम्बिनी प्रदेश, नेपाल
Lumbini Province, Nepal

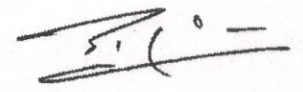प. स.: ०८२/०८३
च. नं.:

मिति: २०८२/०९/२५
ने.सं ११४६ प्वहेलागाः ६, शुक्रबार

प्रिन्टर र ल्यापटपको दररेट पेश गर्ने सम्बन्धमा।

(प्रथम पटक सूचना प्रकाशित मिति: २०८२।०९।२५ गते)

प्रस्तुत विषयमा यस ठाकुरबाबा नगरपालिका नगरकार्यपालिकाको कार्यालय प्रयोजनका लागि प्रिन्टर तथा ल्यापटपको आवश्यकता परेकाले सूचना प्रकाशन भएको मितिले सात दिन भित्रमा आफुले के कति दर रेटमा पत्रसाथ संलग्न स्पेशिफिकेसन बमोजिमका सामाग्रिहरू उपलब्ध गराउन सकिन्छ सो को दररेट उल्लेख एवम् प्रमाणित गरि स्पेशिफिकेसनमा समेत ब्राण्डको नाम र मोडल नम्बर उल्लेख गरि पेश गर्नुहुन अनुरोध छ।

नोटः दररेट केबल Project Cost Estimation मा प्रयोग गरिने छ।
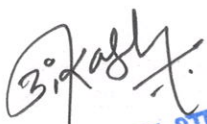
रामहरि रिजाल
प्रमुख प्रशासकिय अधिकृत

Technical Specifications for Laptops
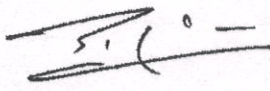
1. Purpose

The laptops shall be used for office automation, data management, GIS applications, virtualization, and other IT related tasks. All specifications below are requirements for eligibility.

2. Technical Specifications for high-end laptop

Specification Category	Requirement / Standard
Brand Name	
Model Name	
Processor (CPU)	Minimum Intel Core i7 14th Gen or AMD Ryzen 7 7000/8000 H, HS or HX series, minimum 8 cores / 16 threads, base frequency $\geq$ 3.3 GHz, cache $\geq$ 24 MB
Graphics (GPU)	Dedicated NVIDIA RTX 5060 or equivalent, minimum 6 GB GDDR6 VRAM
System Memory (RAM)	Minimum 16 GB DDR5, dual-channel preferred, upgradeable to 32 GB or higher
Storage	Minimum 1 TB NVMe PCIe SSD
Display	15"–16.5" Full HD or higher, IPS/OLED panel, anti-glare, refresh rate $\geq$ 120 Hz
Battery	Minimum 6-cell Li-ion or equivalent, capable of $\geq$ 6 hours typical office use
Connectivity	Wi-Fi 6 / 6E, Ethernet LAN (RJ45), Bluetooth 5.0 or higher, USB 3.2 / USB-C with PD charging supported
Operating System	Windows 11 Professional / Home (licensed)
Keyboard	Full-size with backlight, numeric keypad optional
Audio & Camera	Built-in HD webcam, microphone, stereo speakers
Ports & Expansion	Minimum 3x USB-A, 1x USB-C, HDMI 2.0 or higher, headphone/microphone combo, SD card reader optional
Build & Durability	Robust chassis suitable for office mobility, military standard or reinforced build preferred
Warranty & Support	Minimum 1 year local warranty, with on-site service preferable
Weight & Dimensions	Typical weight $\leq$ 2.5 kg
Security Features	TPM 2.0, BIOS-level password support, optional fingerprint reader
Software	Compatible with Microsoft Office, antivirus/security suite, municipality IT tools, and development software
Miscellaneous	Efficient cooling for sustained heavy use, energy-efficient power adapter, supports virtualization and GPU-accelerated workloads. The supplier should provide a branded laptop bag along with the laptop

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3. Technical Specifications for mid-range laptop

Specification Category	Requirement / Standard
Brand Name	
Model Name	
Processor (CPU)	Minimum Intel Core i5 13th Gen or AMD Ryzen 5 H, HS or HX series, minimum 8 cores / 12 threads, base frequency $\geq$ 3 GHz, cache $\geq$ 16 MB
Graphics (GPU)	Dedicated NVIDIA RTX 4050 or equivalent, minimum 4 GB GDDR6 VRAM
System Memory (RAM)	Minimum 12 GB DDR5, dual-channel preferred, upgradeable to 32 GB
Storage	Minimum 512 GB NVMe PCIe SSD, Upgradeable
Display	15"–16" Full HD or higher, IPS/OLED panel, anti-glare, refresh rate $\geq$ 100 Hz
Battery	Minimum 6-cell Li-ion or equivalent, capable of $\geq$ 6 hours typical office use
Connectivity	Wi-Fi 6 / 6E, Ethernet LAN (RJ45), Bluetooth 5.0 or higher, USB 3.2 / USB-C with PD charging supported
Operating System	Windows 11 Professional / Home (licensed)
Keyboard	Full-size with backlight, numeric keypad optional
Audio & Camera	Built-in HD webcam, microphone, stereo speakers
Ports & Expansion	Minimum 3x USB-A, 1x USB-C, HDMI 2.0 or higher, headphone/microphone combo, SD card reader optional
Build & Durability	Robust chassis suitable for office mobility, military standard or reinforced build preferred
Warranty & Support	Minimum 1 year warranty, with on-site service preferable
Weight & Dimensions	Typical weight $\leq$ 2.5 kg
Security Features	TPM 2.0, BIOS-level password support, optional fingerprint reader
Software	Compatible with Microsoft Office, antivirus/security suite, municipality IT tools, and development software
Miscellaneous	Efficient cooling for sustained heavy use, energy-efficient power adapter, supports virtualization and GPU-accelerated workloads. The supplier should provide a branded laptop bag along with the laptop

4. Evaluation Notes

1. CPU must meet or exceed the stated specifications to ensure multi-tasking and virtualization performance.

2. GPU must support GIS and GPU-accelerated workloads.

3. RAM and Storage are required for smooth operation of databases, virtual machines, and office software.

4. Battery should support office mobility requirements.

5. Warranty & Support: Local support and warranty are mandatory for compliance with PPA.

6. **The Supplier or bidder must provide the Brand Name, Model Number and Datasheet of the product**

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Technical Specification – Monochrome Laser Printer (Print only)

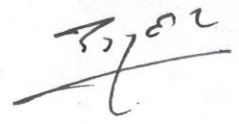| S.N.	Technical Parameters	Required Specification	Bidder's Compliance (Yes/No & Remarks)
1	Brand		
2	Model		
3	Type	Monochrome Laser Printer	
4	Function	Print only	
5	Printing Technology	Laser Beam Printing	
6	Print Speed	Minimum 12 ppm (A4)	
7	Print Resolution	Minimum 600 × 600 dpi	
8	First Print Out Time	Maximum 10 seconds	
9	Paper Input Capacity	Minimum 150 sheets	
10	Paper Output Capacity	Minimum 100 sheets	
11	Supported Paper Size	A4, A5, Legal, Letter	
12	Interface	USB 2.0 or higher	
13	Memory	Minimum 2 MB	
14	Toner Cartridge	Original/OEM compatible	
15	Power Requirement	220–240V AC, 50/60 Hz	
16	Operating System Support	Windows OS	
17	Warranty	Minimum 1 Year	

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Technical Specification – Monochrome Laser Printer (Print/copy/scan)

S.N.	Technical Parameters	Required Specification	Bidder's Compliance (Yes/No & Remarks)
1	Brand		
2	Model		
3	Type	Monochrome Laser Printer	
4	Function	Print/Copy/Scan	
5	Printing Technology	Laser Beam Printing	
6	Print Speed	Minimum 18 ppm (A4)	
7	Print Resolution	Minimum 600 × 600 dpi	
8	First Print Out Time	Maximum 8 seconds	
9	Paper Input Capacity	Minimum 150 sheets	
10	Paper Output Capacity	Minimum 100 sheets	
11	Supported Paper Size	A4, Letter	
12	Interface	USB 2.0 or higher	
13	Memory	Minimum 60 MB	
14	LCD Display	Minimum 1 Digit LED	
16	Operating System Support	Windows OS	
17	Warranty	Minimum 1 Year	

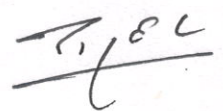ई.विकाश भट्ट
सूचना प्रविधि अधिकृत

रामहरि रिजाल
प्रमुख प्रशासकिय अधिकृत

Technical Specification – Monochrome Laser Printer (All-in-one)

S.N.	Technical Parameters	Required Specification	Bidder's Compliance (Yes/No & Remarks)
1	Brand		
2	Model		
3	Type	Monochrome Laser Beam Printer	
4	Function	Print/Copy/Scan	
5	Printing Technology	Laser Beam Printing	
6	Print Speed	Minimum 25 ppm	
7	Print Resolution	Minimum 600 × 600 dpi	
8	First Print Out Time	Maximum 7 seconds	
9	Auto Duplex Printing	Yes (Standard)	
10	Scanner Type	CIS (Contact Image Sensor)	
11	Auto Document Feeder (ADF)	Yes (35 sheets)	
12	Connectivity	USB 2.0, Ethernet, Wi-Fi (incl. Wi-Fi Direct)	
13	Supported Paper Size	A4, Legal, Letter, Foolscap, etc	
14	Interface	USB 2.0 or higher	
15	Memory	Minimum 256 MB	
16	LCD Display	Minimum 5-Line LCD	
17	Operating System Support	Windows, Mac, Linux	
18	Warranty	Minimum 1 Year	

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Thakurbaba Municipality
Office of the Municipal Executive
Sainawar, Bardiya
Lumbini province

S.N.	Particular	Unit	Quantity	Rate	Amount	Amount in Words	Remarks
1	Monochrome Laser Printer(All-In-One)	Nos	1				
2	Monochrome Laser Printer(Print Only)	Nos	1				
3	Monochrome Laser Printer(Print/Copy/Scan)	Nos	1				
4	High End Laptop	Nos	1				
5	Mid Range Laptop	Nos	1				
	Total						
	VAT 13%						
	Grand Total						
	Grand Total in Words:						

Firm Name:

Firm Address:
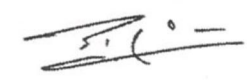
Name of Representative:

Signature:

Date:

Contact Number:

Firm Stamp:

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