

Gandaki Province Government
Gandaki Province Training Academy
 Gandaki Province
 Pokhara, Kaski, Nepal



TECHNICAL SPECIFICATION OF MACHINERY TOOLS AND EQUIPMENT

F/Y: 2082/83

SN	Item	Description	Specification	Quantity	Unit Price (NRS) Including VAT		Amount (in NPR)	Remarks
					In Figure	In words		
1	2	3	4	5		4*5=6	7	
1	Branded Desktop PC	Brand	To be specified by bidders	1				
		Model	To be specified by bidders					
		Processor	Intel® Core™ i5-14th Gen (14-core, up to 5.0 GHz)					
		Memory	16GB DDR5 (2x8GB)					
		Storage	512 GB M.2 PCIe NVMe SSD					
		Graphics	Intel® UHD Graphics 770 (Integrated)					
		Display Size	19-20" Diagonal					
		Display Type	IPS LED Display, 99% sRGB, anti-glare, 250 nits or higher					
		Display Resolution	FHD (1920 x 1080)					
		Wired Connectivity	Integrated 10/100/1000 GbE LAN					
		Wireless Connectivity	Wi-Fi 6, Bluetooth 5.2					
		Connectors	USB-C, USB 3.2 Gen 1/2, DisplayPort, HDMI, RJ-45					
		Operating System	Windows 11 Genuine					
		Form Factor and Built	MFF, Compact					
		Power	AC Power Adapter					
Accessories	Wireless Full Size Keyboard and Mouse Combo							
Warranty	At least 1 year warranty							
2	Projector	Brand	To be specified by bidders	1				
		Model	To be specified by bidders					
		Display technology	DLP/3LCD					
		Native Resolution	WXGA (1280 x 800) or higher					
		Aspect Ration	Native 16:9 and other selectable					
		Brightness	4000 ANSI Lumens or higher					
		Contrast Ratio	20000:1 or higher					
		Zoom	Yes (Zoom 1 to 1.1)					
		Focus	Manual Focus					
		Keystone Correction	Horizontal Keystone Slider with automatic vertical keystone					
		Lamp Life Cycle	4000 Hours or higher					

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		Image Size	30"~300"					
		Video Compatibility	NTSC, PAL					
		Connection Ports	HDMI, VGA, USB, Audio Out, Ethernet					
		Built in speaker	Yes					
		Installation	Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear					
		Remote Control	Yes					
		Weight	2.5 KG or less					
		Additional Features	Built-in wall color correction with blackboard settin,					
		Warranty	Minimum 1 year warranty					
3	Compact Laser Printer	Brand	To be specified by bidders	1				
		Model	To be specified by bidders					
		Printing Technology	Laser					
		Printing Speed	12ppm or Higher					
		Resolution	600 * 600 DPI					
		Paper Size	A4, B5, LTR, Monarch					
		Interface	USB 2.0 Hi-Speed					
		OS Support	Windows 10 or Higher					
		Warranty	Minimum 1 year warranty					
4	Light Weight Business	Brand	To be specified by bidders	1				
		Model	To be specified by bidders					
		Processor	Intel Core Ultra 5 or Higher, 24MB Cache, up to 5.1 GHz,					
		Memory	16 GB LPDDR5					
		Storage	512GB M.2 NVMe™ PCIe® 4.0 Performance SSD					
		Display	13:-14.5: Anti-Glare Display, OLED, at least 90% screen to					
		Resolution	WUXGA (1920 x 1200) Resolution, 60Hz					
		Graphics	at least 2GB integrated graphics					
		Connectivity	Wi-Fi 7(802.11be), (Tri-band)2*2 , Bluetooth Version 5.4					
		Ports	1x USB 3.2 Gen 1 Type-A (data speed up to 5Gbps)					

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	Laptop	Audio & Speaker	Dual stereo speakers					
		Camera	FHD at 30 fps					
		Battery	75WHrs, 4-cell Li-ion					
		Inputs	LED backlit keyboard, Web Camera (1080p), Touchpad					
		Weight	Not more than 1.4KG					
		Accessories	Ethernet Adapter, Power Adapter					
		Form Factor and Built	Ultrabook, Metal built or with similar built quality					
		OS	Windows 11 Genuine					
		Warranty	Minimum 1 year warranty					
5	Mirrorless Camera with Lens	Brand	To be specified by bidders					
		Model	To be specified by bidders					
		Type	Mirrorless					
		Image Sensor	22 x 14 mm, 24MP, CMOS, APS-C or Higher					
		Screen	3-inch TFT, 921,600 dots, Touch Screen, Articulating					
		Viewfinder	2359k dot Electronic color viewfinder or higher, at least					
		Auto Focus System	80% of image area, with Drag & Touch AF, Face Tracking,					
		ISO Range	SO 100 - 25600 (expands to 51200)					
		Shutter Speed	1/4000 – 30 seconds, Bulb Mode					
		Continuous Shoot	10 Frame/Sec or Higher	1				
		Video Recording	4K (UHD) - 3840 x 2160 at 60fps, 120fps High-Speed					
		Continuous Shoot	10 Frame/Sec or Higher					
		Flash	Built in Flash with External Flash support					
		Connectivity	Wi-Fi, Bluetooth, NFC, Type C Mini HDMI Connector,					
		Battery	At least 300 Shots endurance					
		Built	450g or Less, Weather Sealed Body					
		Extra Lens	Wide Angle to Telephoto (18-110mm), Image stabilization,					
		Features	Time-lapse Recording, Smartphone pairing, Eye tracking					
		Warranty	Minimum 1 year warranty					

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6	Multifunctional Heavy Duty B/W Laser Printer and Copier	Brand	To be specified by bidders	1				
		Model	To be specified by bidders					
		Printing Method	Mono Laser Beam Printing					
		Print Speed	Up to 27 ppm A4 (Mono) Single Sided with 15 Sec or less					
		Print Resolution	600 x 600 dpi					
		Auto Duplex Printing	Automatic, Standard					
		Copy Speed	Up to 27 ppm A4 (Mono)					
		Copy Resolution	600 x 600dpi					
		Copy Features	25 - 400% in 1% increments reduce/Enlargement, Frame					
		Scan Type	Color Contact Image Sensor					
		Scan Speed	1-Sided: 20 pages/minute (mono)					
		Scan Resolution	Up to 600 x 600dpi					
		Duplex Scan	Yes, Standard					
		Scan Features	Pull Scan, Push Scan, Scan to USB, Scan to Cloud					
		Document Feeder	DADF: 50 sheets (80g/m2)					
		Available Paper Size	A4, B5, A5, Letter					
		Standard Cassette	250 Sheets					
		Paper Output	100 Sheets					
		Connectivity	USB 2.0, Gigabit Ethernet, Wi-Fi 802.11b/g/n					
		Device Memory Buffer	256 MB or Higher					
Interface	WVGA Color LCD 5.0" Touch Screen Display or Higher							
Toner Cartridge	BK: 1,500 pages (bundled: 1,500 pages)							
		Brand	To be specified by bidders					
		Model	To be specified by bidders					
		Device	Printer					
		Method	Laser					
		Printing Speed	21ppm (color/mono) [1 sided]					
		Print Resolution	600*600dpi					

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7	A4 Color Printer	Duplex Available	Yes	1				
		USB Support	Yes					
		Feature	Print, Copy, Scan					
		Compatible	A4, B5, letter, legal, Executive					
		Connectivity	Wired+ Wireless					
		Compatible OS	Windows Xp, 7, 8, 10 etc.					
		Memory	1 GB					
		Display	LCD Display					
		Power Consumption	1000W (max)					
		Noise Level	Less than 70dB					
		Warranty	Minimum 1 year warranty					
8	A3 Printer	Brand	To be specified by bidders	1				
		Model	To be specified by bidders					
		Product	Printer					
		Type	A3 monochrome laser					
		Function	Print, Copy, Scan					
		Memory	1 GB					
		Interface	USB 2.0 compatible					
		Paper	A3, A4, Letter, Envelope, Executive					
		Print Speed	A3: 13ppm, A4:24ppm					
		Resolution	600*600dpi					
		Power Consumption	Max 1500 W					
		Noise level	Less than 60dB					
		Warranty	Minimum 1 year warranty					

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