



विनयी त्रिवेणी गाउँपालिका
Binayi Tribeni Rural Municipality
गाउँ कार्यपालिकाको कार्यालय
Office of The Rural Municipal Executive
दुम्किबास, नवलपरासी (बर्दघाट-सुस्तापूर्व)
Dumkibas, Nawalparasi (East of Bardaghat Susta)

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प.स. (Let. No.): २०८३/०८४
च.न. (Dis. No.):

गण्डकी प्रदेश, नेपाल
Gandaki Province, Nepal

मिति: २०८३/०५/१८

श्री सबै फर्म तथा कम्पनीहरू,

..... ।

विषय: दर रेट पेश गर्ने सम्बन्धमा ।

प्रस्तुत विषयका सम्बन्धमा यस गाउँपालिकाको कार्यालयमा तपसिल बमोजिमका इलेक्ट्रोनिकस सामानहरू खरिद गर्नु परेको हुँदा यस पत्रसँग संलग्न स्पेशिफिकेसन अनुसारको सामानहरू के- कति दरमा उपलब्ध गराउन सकिन्छ, ईच्छुक फर्म तथा कम्पनीहरूले उल्लेखित आवश्यक कागजातहरू संलग्न गरी यो पत्र प्राप्त भएको मितिले ७ दिन भित्र यस कार्यालयमा दररेट पेश गर्नुहुन अनुरोध छ ।

तपसिल:

S.N.	Product Description	Quantity	Unit	Rate(NRs) Include Vat		Remark
				In Figure	In Word	
1.	Smart Board	1	Pcs			Fill the rate in reference to the detailed specification herewith
2.	Laptop	1	Pcs			
3.	Desktop Computer Set	1	Pcs			
4.	Printer	1	Pcs			
5.	Scanner	1	Pcs			
6.	IRIS Scanner	1	Pcs			
7.	OPS	1	Pcs			
8.	UPS	1	Pcs			
9.	Attendance Machine	1	Pcs			

आवश्यक कागजातहरू:

१. संस्था/फर्म दर्ता प्रमाणपत्र,
२. करचुक्ता प्रमाणपत्रको प्रतिलिपी,
३. प्यान/भ्याट दर्ता प्रमाणपत्र ।



चन्द्रकान्त बस्नेत
प्रमुख प्रशासकीय अधिकृत

Binayi Tribeni Rural Municipality
Office of Rural Municipality Executive
Dumkibas, Nawalparasi (East of Bardaghat Susta)
Gandaki Province, Nepal

Technical Specification of LED Smart Board (Interactive Flat Panel)

F/Y 2083/2084

Parameter	Description
Brand	To be mentioned by the Bidder
Model	To be mentioned by the Bidder
Display Feature	
Screen Size	65 inches
Backlight Type	DLED Technology
Screen Resolution	3840*2160(UHD 4K) or above
Refresh Rate	60Hz or better
Aspect Ratio	16:09
Brightness	300 cd/m ² or above
Viewing Angle(degree)	H-178,V-179 or better
Color Depth	72%NTSC or better
NFC	Support Screen Share or Better
System Features	
RAM	8GB or above
ROM(Built-int Internal Storage)	128GB or above
CPU	Octa-core A55 up to 1.5 GHz or better
GPU	Mali G52 600MHz or Better
System OS Version	Android 14.0 or Higher
Touch Features	
Touch Type	Up to 20 point Non-contact infrared sensing technology or more
Touch Screen Glass	≤ 2mm, Anti-glare Toughened Glass
Touch Response Time	≤ 10ms or less
Touch Accuracy	≤ 2mm or less
Other Features	
Wifi/Hotspot	Support Dual Band Wi-Fi(2.5GHz & 5GHz) Station: 802.11b/g/n/a/ac/ax, up to 10mm Distance or better
Bluetooth	Bluetooth 5.0 or higher
OPS Support	Yes(Windows OS Integration)
Speaker	2*10-watt Built-in Speaker(minimum)
Microphone	Built-in linear array microphone Echo reduction and smart noise-cancellation,Audio Pick-up Distance: 12 meters or above
Camera	Built-in 48MP AI Camera on Android or Smarter AI Features: Face Detection, Auto Framing,Speaker Tracking or more
Default System Language	English, Nepali(Multi Language Support)
Minimum I/O Ports	HDMI in-1, HDMI out-1, USB Port 3.0-4, LAN/Ethernet Port-1, RS232 Port-1, Touch USB-1, Type-C Port-1
LifeSpan	≥ 50000hrs
Accessories	Remote control-1,Stylus Pen-2, wall Mount Bracket-1, Smart Board Stand:1 * Heavy Duty Trolley Stand With mounting accessories
Warranty and Certification	2 Years product Warranty Issued by the Manufacture, Product must be CE & CB Certified. The Bidder should submit the OEM company's Manufacture Authorixation Letter(MAL)
Product DataSheet	The datasheet with the requires parameters must be viewable on the OEM Website.(Datasheet must be provided with bid document)


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Chief Administrative Officer

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Technical Specification of OPS(Open Pluggable Specification) PC

F/Y 2083/2084

Parameter	Minimum Requirment
Processor	Intel Core i5,11th gen or above
RAM	Minimum 8GB DDR4 or higher
Storage	Minimum 256GB NVMe SSD
Graphics	Integrated Intel Graphics
Operating System	Windows 10/11
Display Support	Minimum 4K UHD (3840 × 2160) output support
Wi-Fi	Built in Dual Band Wi-Fi(2.4GHz & 5Ghz)
Bluetooth	Built in Bluetooth
LAN	Gigabit Ethernet LAN(10/100/1000 Mbps)
OPS Interface	Standard JAE 80-Pin OPS Interface or compatible with Interactive Flat Panel
USB Ports	Minimum 2*USB ports
Display Interface	HDMI/DP output as supported by OPS architecture
Compatibility	Must be fully compatible with Interactive Flat Panel/Smart Board
Installation	Plug-and-Play Installation through OPS slot
Warranty	Minimum 1 years

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Gandaki Province

Technical Specification of UPS

F/Y 2083/2084

Parameter	Minimum Requirement
UPS Type	Line-Interactive / Online UPS
Capacity	600 VA – 1000 VA per computer
Output Power	360 W – 600 W or higher
Input Voltage	220–240 VAC nominal, 50 Hz
Output Voltage	230 VAC $\pm 10\%$
Frequency	50 Hz ± 1 Hz
Output Waveform	Pure Sine Wave preferred; simulated sine wave acceptable
Battery Type	Rechargeable sealed maintenance-free VRLA/SMF lead-acid
Battery Voltage	12 V, minimum 9 Ah $\times 2$ or equivalent
Backup Time	Minimum 10–15 minutes at typical computer load
Transfer Time	≤ 10 ms for line-interactive UPS
Surge Protection	Required
Overload Protection	Required
Short-Circuit Protection	Required
Deep-Discharge Protection	Required
Overcharge Protection	Required
Audible Alarm	Required
Automatic Voltage Regulation (AVR)	Required
Charging Time	Typically 4–8 hours
Output Sockets	Minimum 2 $\times$ Universal/IEC outlets
USB/Communication Port	USB preferred
Display/Indicators	LCD/LED status indicators
Operating Temperature	0°C – 40°C or better
Warranty	Minimum 1 year
Compliance	CE / IEC or equivalent safety standards


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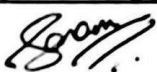
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Office of Rural Municipal Executive
Dumkibas, Nawalparasi (East of Bardaghat Susta)
Gandaki Province, Nepal

Technical Specification of Printers and Scanner

F/Y: 2083/84

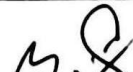
S.N	Type	Parameter	Minimum Specification
1	All in one Printer	Printing type	Color, Black and White
		Printing technology	Inkjet
		Ink System	Ink Tank with Spill-free Refilling
		Print resolution	1200x 6000 DPI
		Print speed color	9 PPM
		Print speed black	16 PPM
		Network	USB, Wifi(2.4GhZ), Wifi direct, Mobile Print
		Duplex Printing	Automatic(A4/letter)
		Paper tray	150 sheets
		Paper size	A4
2	Black and White Printer	Printing type	Black and White
		Printing technology	B/W Laser
		Automatic Duplex Printing	Yes
		Print speed black	8.5 PPM
		Paper size	A4, Monarch
		Network	USB 2.0
		Paper tray	150 sheets
3	Scanner	Optical Resolution – ADF	600 × 600 dpi
		Optical Resolution – Flatbed	1,200 × 1,200 dpi
		Scanning Resolution	50–1,200 dpi
		Scan Speed – ADF	30 ppm / 60 ipm at 200/300 dpi
		Duplex Scanning	Yes, single-pass duplex
		ADF Capacity	60 sheets (80 g/m ²)
		ADF Paper Weight	50–120 g/m ²
		ADF Minimum Document Size	105 × 148 mm (A6)
		ADF Maximum Document Size	215.9 × 3,048 mm (8.5 × 120 in)
		Flatbed Maximum Scan Size	215.9 × 297 mm (8.5 × 11.7 in)
		Supported Paper Sizes	A4, A5, A6, B5, B6, Letter, Legal, A7, A8, User-defined
		Daily Duty Cycle	Up to 3,000 sheets
		Paper Protection	Yes
		Interface	Hi-Speed USB 2.0
		Output Formats	JPEG, TIFF, Multi-TIFF, PDF, Searchable PDF, PDF/A, BMP, PNG
		Image Processing	Auto Color Detection, Auto Rotation, Background Removal, De-Screening, Skew Correction, Text Enhancement, Unsharp Mask


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Technical Specification of Dual IRIS Scanner

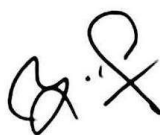
F/Y 2083/2084

Parameter	Minimum Requirement
Simultaneous Capture	Dual IRIS Capture
Scan Type	Progressive
SensorSNR	≥40 db
Illumination	Near Infra Red(NIR)
Capture Distance	≥100mm from Front Camera mirror
Exposure Time	≤33ms
Image Size	160*160 to 300*300 pixel
Image Format	JPEG/TIFF/PNG
Compression Ratio	1:10
Image Representation	Base 64 string
Interface	USB2.0 High Speed (USB-IF Certified)
Operating System	upto Windows 11 Professional, Linux
Standard	ISO/IEC 19794-6:2011 or above
Security Features	No catching and storage of the captured iris image in the device
SDK	Officially licensed SDK/API and integration with centralized Application of DoNIDCR, Nepal


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Gandaki Province, Nepal

Technical Specification of Laptop and Desktop

F/Y: 2083/84

S.N	Type	Title	Minimum Specification
1	Laptop	Processor	12 th Gen Intel Core i5 or Higher
		Operating system	Windows 11 Home Genuine
		RAM	8 GB DDR4 or Higher
		Storage	256GB SSD or Higher
		Display	14 inch or higher
		Connectivity	Supports Bluetooth 5.1
		Warranty	1 Year or Higher
		Accessories	Wired Mouse,Laptop Bag
2	Laptop	Processor	13 th Gen Intel Core i7 or Higher
		Operating system	Windows 11 Home Genuine
		RAM	8 GB DDR5 or Higher
		Storage	512GB SSD or Higher
		Display	14 inch or higher
		Connectivity	Supports Bluetooth 5.1
		Warranty	1 Year or Higher
		Accessories	Wired Mouse,Laptop Bag
3	Branded Desktop	Processor	Intel core i7(13 th generation processor) or Higher
		Operating system	Windows 11 Home Genuine
		Memory	8 GB RAM DDR4 or Higher
		Storage	512 GB SSD or Higher
		Monitor/Display	21inch or Higher
		Resolution	Full hd (1920*1080)
		Accessories	Keyboard,Mouse
		Warranty	1 years or Higher
4	Branded Desktop	Processor	Intel core i5(12 th generation processor) or Higher
		Operating system	Windows 11 Home Genuine
		Memory	8 GB RAM DDR4 or Higher
		Storage	256 GB SSD or Higher
		Monitor/Display	19inch or Higher
		Resolution	Full hd (1920*1080)
		Accessories	Keyboard,Mouse
		Warranty	1 years or Higher

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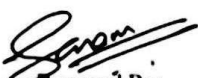
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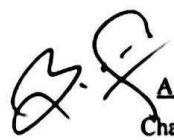
Technical Specification

F/Y 2083/2084

SN	Product	Parameter	Minimum Requirement
1	Attendance Machine	Auto Push Data Technology	Real-time cloud-based auto push data technology for attendance transaction synchronization
		Face Template	Min 3000
		Display	2.8-inch or more
		Display language	English
		Transaction Capacity	At least 200000
		Finger Print Capacity	Min 3000
		Device ID Support	At least 9-disit user ID
		SDK	Officially licensed SDK/API supporting multiple development languages and integration with centralized E-Attendance Application of DOIT, Nepal
		Communication	TCP/IP, Cloud connectivity
		Recognition Speed	<0.5s
		Cloud Base Management Software for Device	Centralized cloud-based device and user management software shall be provided
		Battery	Built in (At least 2000 mAH battery)
		Warranty	At least 1 year
		Power Management	Sleep Mode, Screen saver, timing Shutdown
		Certifications	CE, FCC
		U-Disk	Support


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