



Ramdhuni Municipality
Office of the Municipal Executive

Jhumka, Sunsari
Koshi Province, Nepal

F/Y: 2082/083

Date: 2083-02-26

SPECIFICATION OF FURNITURE

NAME OF GOODS	DESCRIPTION OF ITEMS		UNIT	QTY
	TECHNICAL SPECIFICATIONS			
1. Furniture	Dining Table	Details	Nos.	1.00
		डाइनिङ टेबल मसला काठ बाट बनेको ८*३.६ को साईज भएको टपमा फरमाईका लागेको र मसाल काठको १० बाट कुसी भएको सिटमा फम लागेको		
	Low Bed	Details	Nos.	2.00
	Low Bed	३*६.६" को साईजमा १६+ mm प्लाई बाट बनेको एउटा घर्ना भएको बाहिर फरमाईका लागेको भित्र कलर गरिएको टपमा १०+ mm प्लाई लागेको सिरानी पट्टि आग्लो भएको	Nos.	2.00





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SPECIFICATION OF CCTV, PRINTER, TV, LAPTOP SETUP AT UPAKAR FAMILY

NAME OF GOODS	DESCRIPTION OF ITEMS		UNIT	QTY
	TECHNICAL SPECIFICATIONS			
1. CCTV Bullet Camera	Camera Type	4 MP IP Bullet Camera	Nos.	4.00
	Image Sensor	1/3" or larger Progressive Scan CMOS		
	Effective Resolution	Minimum 4 MP (2560 × 1440)		
	Lens Type	Fixed Lens 2.8 mm / 4 mm		
	Minimum Illumination	0.01 Lux (Color), 0 Lux with IR		
	Day/Night Mode	Auto ICR (IR Cut Filter)		
	Night Vision	Smart IR / Warm Light Night Vision		
	IR Distance	Minimum 30 meters		
	White Light Distance	Minimum 20 meters		
	Video Compression	H.265+/H.265/H.264+/H.264		
	Frame Rate	Minimum 20 fps @ 4 MP		
	Wide Dynamic Range	DWDR / Digital WDR		
	Protection Level	IP66 / IP66 Weatherproof		
Warranty	1 Year			

Saroj Kumar
IT Officer
Ramdhuni Municipality



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NAME OF GOODS	DESCRIPTION OF ITEMS			UNIT	QTY	
	TECHNICAL SPECIFICATIONS					
2. HDD	Form Factor	6 TB	RPM	~ 7200 RPM	Nos.	1.00
	Form Factor	3.5-inch	Cache	256 MB		
	Interface	SATA III (6 Gb/s)	MTBF:	~2 million hours		
	Device Type	8 Channel Network Video Recorder (NVR)				
	Video Input	Minimum 8 IP Camera Channels				
	Supported Camera Resolution	Up to 8 MP IP Camera Support				
	Video Compression	H.265+/H.265/H.264+/H.264				
	Incoming Bandwidth	Minimum 80 Mbps				
	Outgoing Bandwidth	Minimum 60 Mbps				
	Recording Resolution	Support up to 4K recording				
	HDMI Output	1 x HDMI, support up to 4K resolution				
	VGA Output	1 x VGA output				
Display Mode	Live view, playback, backup and remote monitoring					
Playback	Minimum 4-channel synchronous playback					
HDD Interface	Minimum 1 SATA Interface					
HDD Capacity	Support minimum 8 TB HDD					
Warranty	Minimum 1 Year					
3. NVR					Nos.	1.00

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NAME OF GOODS	DESCRIPTION OF ITEMS			UNIT	QTY	
	TECHNICAL SPECIFICATIONS					
4. Monitor	Screen Size	Minimum 21.5 inch / 22 inch	Aspect Ratio	16:9	Nos.	1.00
	Display Type	LED Backlit LCD	Brightness	Minimum 200 cd/m ²		
	Resolution	Full HD (1920 × 1080)	Refresh Rate	Minimum 60 Hz		
	Input Interface	HDMI × 1 (optional) VGA × 1)	Warranty	Minimum 1 Year		
	Device Type	Unmanaged PoE Network Switch				
	PoE Ports	8 × 10/100 Mbps RJ45 PoE Ports				
	Uplink Ports	2 × 10/100/1000 Mbps RJ45 Uplink Ports				
	PoE Standard	IEEE 802.3af / IEEE 802.3at				
	PoE Power Output	Up to 30W per PoE Port				
	Total PoE Budget	Minimum 60W				
5. PoE Switch	Switching Capacity	Minimum 5 Gbps			Nos.	2.00
	Packet Forwarding Rate	Minimum 4 Mppps				
	MAC Address Table	Minimum 4K Entries				
	Housing Material	Metal Body				
	Application	Suitable for IP CCTV Camera System				
	Warranty	Minimum 1 Year Replacement Warranty				

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NAME OF GOODS	DESCRIPTION OF ITEMS		UNIT	QTY
	TECHNICAL SPECIFICATIONS			
6. Other Accessories (include if any other)	Cat 6 Cable Out Door	Cable Type :CAT6 U/UTP Outdoor LAN Cable Conductor Material: Solid bare copper conductor (preferred) or CCA Conductor Size: 23 AWG / 24 AWG Transmission Speed: Support 10/100/1000 Mbps Ethernet Weather Protection: Suitable for outdoor use; resistant to sunlight and moisture Warranty: Minimum 1 Year	Nos.	Approx. 150 Meter
	Other Accessories	Wire clip, box, insulation tape, Multiplug etc.	Nos.	..
7. Installation and Setup Charger	Rack	4U Rack	Pcs.	1.00
	-Camera Installation & Setup Charges	Must Mention Detail Work Procedure while mentioning Price	Nos.	

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NAME OF GOODS	DESCRIPTION OF ITEMS	UNIT	QTY
	TECHNICAL SPECIFICATIONS		
Display Size	14-inch Full HD (1920 × 1080) IPS Display		
Processor	Intel Core i5 12th Gen / AMD Ryzen 5 or higher		
Core	10 Cores & 12 Threads or Higher		
Display Type	LED Backlit, Anti-glare display		
Processor Speed	Base clock minimum 2.0 GHz		
RAM	16 GB DDR4/DDR5 RAM		
Storage	512 GB NVMe SSD		
Graphics	Integrated Intel Iris Xe / AMD Radeon Graphics		
Webcam	HD/ Full HD webcam		
Refresh Rate	60Hz		
Keyboard	Backlit Keyboard		
Audio	Built-in speakers and microphone		
Wireless	Wi-Fi and Bluetooth		
Ports	Minimum USB Type-A ×2, USB Type-C ×1, HDMI ×1, audio combo		
Warranty	1 Year Minimum		
Operating System	Genuine Windows 11		
8. Laptop		Nos.	5.00

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NAME OF GOODS	DESCRIPTION OF ITEMS	UNIT	QTY
	TECHNICAL SPECIFICATIONS		
Screen Size	55-inch LED Smart TV		
Resolution	4K UHD (3840 × 2160)		
Display Technology	LED / UHD Panel		
Refresh Rate	Minimum 60 Hz		
HDR Support	HDR10 / HDR10+ / HLG support		
Picture Processor	Intelligent 4K Upscaling Processor		
Color Technology	Wide Color Gamut / Dynamic Color Enhancement		
Operating System	Manufacturer Smart TV OS		
Smart Features	YouTube, Netflix, Prime Video, Screen Mirroring		
Voice Assistant	Voice Control / Smart Assistant Support		
Audio Output	Minimum 20W Speaker Output		
Audio Features	Dolby Audio / Adaptive Sound		
Connectivity	Wi-Fi, Bluetooth		
HDMI Ports	Minimum 3 HDMI ports		
USB Ports	Minimum 1 USB port		
Design	Slim bezel / bezel-less design		
Mounting	Wall mount and table stand support		
Warranty	Minimum 1 year official warranty		
9. Smart TV		Nos.	1.00

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NAME OF GOODS	DESCRIPTION OF ITEMS		UNIT	QTY
	TECHNICAL SPECIFICATIONS			
10. Color Printer	Printer Type	Ink Tank Color Printer		
	Function	Print, Scan, Copy (All-in-One)		
	Print Technology	Inkjet		
	Print Resolution	Up to 4800 × 1200 dpi		
	Print Speed	Minimum 8 ipm (black), 5 ipm (color)		
	Scanner Type	Flatbed Scanner		
	Scan Resolution	Minimum 600 × 1200 dpi		
	Copy Function	Multiple copies up to 20 pages		
	Paper Size	A4, A5, B5, Letter, Legal		
	Input Tray	Minimum 100 sheets		
	Display	LCD display panel		
	Ink System	Refillable integrated ink tank		
	Page Yield	Approx. 6000 pages black / 7000 color		
Warranty	1 Year			

Nos.

1.00

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TO RAMDHUNI MUNICIPALITY JHUMKA, SUNSARI

REQUIRED TECHNICAL SPECIFICATION OF 1.5 TON AIR CONDITIONER		Offered Specification
COLOR	Standard	
TYPE	Inverter Type Split AC Wall Mount	
CAPACITY(TONS)	1.5 TON	
FUNCTIONS	Auto	
AUTO AIR SWING	Yes	
COOLING CAPACITY	18500-19,789 (Btu/h)	
HEATING CAPACITY	18500-19,789 (Btu/h)	
AIR CIRCULATION(IN)	550-650	
AIR CIRCULATION(OUT)	1000-1100	
DUST FILTER	Yes	
COMPRESSOR	Twin Rotary	
ANTI BACTERIAL FILTER	Yes	
REFRIGERANT	R32	
PRODUCT DIMENSIONS	Outdoor (WxHxD):- (700-770)x(500-550)x (200-290)mm Indoor (WxHxD):- (950-1000)x(300-345)x (200-210)	
WEIGHT	Indoor:- (10-12)Kg, Outdoor:- (30-35)Kg	
EER	3-3.96	
NOISE LEVEL(DB)-INDOOR	Cooling- /45/43/38/32, Heating- /45/43/38	
NOISE LEVEL(DB)-OUTDOOR	Cooling:- (45-54) , Heating:- (48-56)	
REMOTE CONTROL	Yes	
DEHUMIDIFICATION	Yes	
MEMORY STATUS	Yes	
SELF DIAGNOSIS	Yes	
FREQUENCY	50 Hz	
PROTECTION(UV)	Yes	
ON-TIMER	Yes	
OFF-TIMER	Yes	
WEIGHT	43	
VOLTAGE	220 -240 V	
EQUIPMENT(VOLTS)		
AUTO RESTART	Yes	
REMOTE CONTROL	Yes	
IN THE BOX	Main Unit User Manual Warranty Card	
SPEED SETTING	Yes	

Below Extra Accessories to be Included

Extra Copper Piping with insulation & Communication Cable

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Crocodile Drain Pipe
CPVC Drain Piping (If required)
Metal Bracket for Outdoor Unit (If required)

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**Mechanical Engineer
Rupesh Chaudhary
NEC Reg. No. :-1765**