



धनपालथान गाउँपालिका
गाउँ कार्यपालिकाको कार्यालय



सोराभाग, मोरङ्ग ।

कोशी प्रदेश, नेपाल

आ.व. २०८३/८४

ITEMS AND SPECIFICATION

S.N	Item	Specification	unit
1	PoE Switch	10-Port Fast Ethernet Switch with 8-Port PoE 1 Year Warranty. Support eight 10/100M PoE power supply ports, and two 10/100M uplink ports Support 802.3af and 802.3at standards Operating Temperature: -10°C to +55°C Support 250 m long distance PoE transmission	pcs
2	Extension Board normal	Input Voltage: 220–240V AC Frequency: 50/60 Hz Maximum Load Current: 6A / 10A / 13A (as per model) Maximum Power Rating: Up to 2400W	pcs
3	RJ45 Connector	Gold-plated contacts provides reliable performance for a Gigabit Ethernet rated network.	pcs
4	Hass Cable Steel	Material: 304 Stainless Steel	pcs
5	Tiffin Box mini	Fiber Optic Joint Box { 2 Hole } Termination Enclosure Box OFC	pcs
6	Power Socket 3*3	16 amp, 3/3 size, High quality	pcs
7	Cat6 Ethernet Cable indoor	Cat6 UTP Cable Outdoor ,Supports Gigabit Ethernet (1000 Base-T) standard with transmission bandwidth of up to 250MHz and backwards compatible 4-pairs shielded twisted pairs (UTP) cable outdoor	roll
8	Biometric Device	Display: 2.8" TFT Color Touch LED Screen (240*320),Camera: WDR Binocular Camera 1MP,Operation System: Linux Hardware: CPU: Dual Core@1GHz RAM: 512MB; ROM: 8GB Speaker: 8ohm 1W Microphone: *1 (Sensitivity: -42 dB/ Omni-directional/ Signal-to-Noise Ratio: 58 dB/ Impedance: 2.2kΩ) Supplement Light: No Fingerprint Sensor: In-Glass Fingerprint (Z-ID) Authentication Method: Fingerprint / Face / Card / Password,Fingerprint & face Capacity:3000 Biometric Verification Speed: less than 0.5 sec (Fingerprint); less than 0.35 sec (Facial Authentication) Communication:TCP / IP*1wiegand (Input or Output)1 RS485: RS4851 USB: Type A (USB Drive Only)1 Aux Inputs 1, Electric Lock1, Door Sensor1, Exit Button1, 12V Output1,Power Supply: DC 12V 3A	pcs
9	Fiber Cable Pulling	inspect conduit/duct to ensure it is clean, continuous, and free of sharp edges. Verify cable type, length, and route before pulling.	1mtr
10	Fiber Cable 6 core	fiber optic cable 6 core 5.8mm FRP	1mtr

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11	Fiber Splicing	Verify fiber type, color code, and splice plan.,Strip fiber coating carefully without damaging cladding. Clean bare fiber using alcohol and lint-free wipes.,Cleave fiber ends to obtain a smooth, perpendicular face. Place fibers in fusion splicer and align automatically.Perform fusion splice as per machine settings.	job
12	Biometric Device Installation,electric wiring, Setup and configuration	Mount device at appropriate height (typically 1.2–1.5 meters from floor),Install near entry/exit points for easy access,Avoid direct sunlight, moisture, or heat sources,Ensure stable wall mounting or secure placement,Provide proximity to power and network ports, electric wiring from main power source to device, register employee data and setup and configure with e-haziri software.	job
13	fiber patch cord	SC To SC/UPC Fiber Jumper Optical Fiber Patch Cord Single Mode Cable power cable 1M-40m High Quality Fiber Patch Cable	pcs
14	electric wire 1.5mm	1.5 Sq. MM Flexible Multistrand Electrical Wire	roll
15	24 port giga switch	24-Port Gigabit Switch (Unmanaged),24 × RJ-45 10/100/1000 ports.,he all-gigabit ports transmit data without lag.Communication StandardIEEE 802.3; IEEE 802.3u; IEEE	pcs
16	patch panel 24 port	AMPCOM 0.5U Blank Keystone Patch Panel, 24 Ports 19 inch Rack or Wall Mount with Rear Cable Management Panel for Ethernet Cable	pcs
17	16 port giga switch	16-Port Gigabit Switch (Unmanaged),16 × RJ-45 10/100/1000 ports.,he all-gigabit ports transmit data without lag.Communication StandardIEEE 802.3; IEEE 802.3u; IEEE	pcs
18	6U rack	6U DVR Rack & Networking Rack, 6U Mini CCTV/DVR/NVR/Router Cabinet BOX	pcs
19	9U rack	Storage Capacity : 9U Application : LAN,WAN,Wireless,Automation,CCTV Brand : Valrack Size : 600mmWx450mmD Type : Wall Mount Side Openable Material : Steel Color: Black Height 450mm	pcs
20	R.J.45 FacePlate	86mm*86mm modular 1 port Wall Plate compatible with any type of Keystone Jack for connection to the network cables or telephone lines, provide a clean and appearance on Ethernet cable installation, improve your home or office environment.Durable PVC Eco-friend material with white color,artistic practical.Dust cap design protect contacts against outside dust.High quality item including screw or spring.Easy to install or separation, free to select any keystone which you want.	pcs
21	Electric Bit 25mm(Cable Tray Cover)	Conductor Material PVC Product Type Solid Through Material PVC Length 2 m Meter (m) Color White Warranty 1 year	pcs
22	Electric Bit 32mm(Cable Tray Cover)	Conductor Material PVC Product Type Solid Through Material PVC Length 2 m Meter (m) Color White Warranty 1 year	pcs
23	Electric Bit 40mm(Cable Tray Cover)	Conductor Material PVC Product Type Solid Through Material PVC Length 2 m Meter (m) Color White Warranty 1 year	pcs
24	installation and setup charge for network wiring	Mount network racks, install network switches and patch panels, and execute structured Ethernet cable routing to all office cabinets and workstations using proper cable management standards.	job
25	HDD	capacity 8TB type: servillance	pcs
26	tiffin box	Fiber Optic Joint Box { 2 Hole } Termination Enclosure Box OFC	pcs
27	bending wire	clip wire galvanized steel or stainless steel with PVC coating 2mm	roll

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28	Laptop	Processor Intel(R) Core(TM) i5-120U (10 cores, up to 5.0 GHz) Display 14"/15", Non-Touch, FHD+, 300 nit, 45% NTSC, Anti-Glare, FHD Cam Memory 8 GB: 1 x 8 GB, DDR5, 5600 MT/s (5200 MT/s with Intel Core processors) Storage 512 GB SSD Graphic Integrated Intel(R) graphics for Intel(R) Core(TM) 5 120U processor Wireless Intel® Wi-Fi 6E (6 where 6E unavailable) AX211, 2x2, 802.11ax, Bluetooth® 5.3 wireless card Operating System Ubuntu 24.04 LTS (Long Term Support) Microsoft office N/A Webcam FHD HDR RGB Camera, TNR, Camera Shutter, Microphone Keyboard English US non-backlit Copilot key keyboard, 79-key Fingerprint Yes Adapter 65W AC rugged adapter, 4.5mm barrel, E4 Battery 3-cell, 45 Wh, ExpressCharge Capable, ExpressCharge Boost Capable Color Silver Warranty 1 years warranty	Pcs
29	Laptop	Processor: 13th Generation Intel® Core™ i5-1334U (10 cores, up to 4.60 GHz) Graphics Card: Intel® UHD Graphics Display: 15.6"/14:" Non-Touch, FHD, 120Hz, WVA, IPS, Anti-Glare, 250 nits Memory: 8GB, DDR4, 2666 MT/s Storage : 512 GB, M.2, PCIe NVMe, SSD Ports: 1 USB 3.2 Gen 1 Type-A (5 Gbps) port 1 USB 2.0 (480 Mbps) port 1 USB 3.2 Gen 1 (5 Gbps) Type-C® data only port (only for computers with 13th Gen Intel® Core™ processors) 1 USB 3.2 Gen 1 (5 Gbps) Type-C® port with displayport 1.4 and power Delivery (only for computers with aluminum chassis) 1 Universal Audio Jack 1 HDMI 1.4 port 1 Power Jack Dimensions & Weight: Height (rear): 0.75 in. (18.99 mm) Height (front): 0.67 in. (16.96 mm) Width: 14.11 in. (358.50 mm) Depth: 9.28 in. (235.56 mm) Weight (maximum): (1.90 kg) Audio and Speakers: 2 tuned speakers Primary Battery: 3-Cell Battery, 41Whr (Integrated) Power: 65 Watt AC adapter Warranty 1 Years	Pcs
30	Laptop	Intel® Core™ i5-13420H (8 Cores / 12 Threads, up to 4.6GHz, 12MB Cache) Graphics Integrated Intel® UHD Graphics Chipset Intel® SoC Platform Memory Installed RAM 16GB DDR5-5200 Memory Slots 1 x SO-DIMM Slot (Expandable) Max Memory Up to 16GB DDR5 Storage Installed Storage 512GB PCIe® 4.0 NVMe™ SSD Storage Slot 1 x M.2 Slot Storage Support Upgradeable SSD Display Display 15.6-inch FHD (1920 x 1080), Anti-glare Touchscreen No Audio & Camera Speakers Stereo Speakers, 1.5W x2, Dolby® Audio™ Camera HD 720p Camera with Privacy Shutter Microphone Dual Array Microphone Connectivity Wireless Wi-Fi® 5 (802.11ac 2x2) + Bluetooth® 5.1 Ethernet RJ-45 Gigabit Ethernet Ports Ports 1 x USB 2.0 1 x USB 3.2 Gen 1 1 x USB-C® 3.2 Gen 1 (PD + DisplayPort™) 1 x HDMI® 1.4b 1 x RJ-45 Ethernet 1 x 3.5mm Combo Audio Jack 1 x Power Connector Keyboard Keyboard Full-size Keyboard with Numeric Keypad (Spill-resistant) Battery & Power Battery 45Wh Battery Power Adapter 65W Adapter Security Security Chip Firmware TPM 2.0 Other Security Camera Privacy Shutter + Kensington Lock Warranty Warranty 1 Year Warranty	Pcs

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