



तिनाउ गाउँपालिका
Tinau Rural Municipality
गाउँ कार्यपालिकाको कार्यालय
Office of The Rural Municipal Executive

दोभान पाल्पा
Dobhan Palpa

लुम्बिनी, प्रदेश नेपाल
Lumbini Province, Nepal

पत्र संख्या: / Letter No:- २०८१/०८२

चलानी नं / Ref. No:- १८६४

स्था: २०७३ Estd: 2017 AD

दररेट पेश गर्ने सम्बन्धि सूचना

प्रथम पटक प्रकाशित मिति २०८२/०१/०४

उपरोक्त सम्बन्धमा यस तिनाउ गाउँपालिकाको आ.व. २०८१/०८२ को स्वीकृत वार्षिक कार्यक्रम तथा बजेट अन्तरगत तिनाउ गाउँपालिकाको कार्यालयमा इन्टरनेट व्यवस्थापनका लागि आवश्यक पर्ने **Supply, Installation, and Configuration of Networking, Telecommunication, and Access Point Systems** को लागि लागत अनुमान तयार गरि खरिद तथा जडान गर्न संलग्न **BOQ** अनुसारको सामान तथा जडान कार्य के कति सबै भन्दा कम दररेटमा सेवा उपलब्ध गराउन सकिन्छ सोको दररेट सात (७) दिन भित्र यस कार्यालयमा पेश गर्नुहुनका लागि अनुरोध छ । साथै **BOQ, Specifications** यस कार्यालयको वेबसाइटबाट डाउनलोड गर्न सकिनेछ ।

दिनेश सारु

प्रमुख प्रशासकीय अधिकृत

प्रमुख प्रशासकीय अधिकृत



तिनाउ गाउँपालिका

गाउँ कार्यपालिकाको कार्यालय

दोभाने पाल्पा

कार्यालयको कोड नं. २०१७५५०३

लुम्बिनी प्रदेश नेपाल

कार्यक्रमको नाम: Supply, Installation, and Configuration of Networking, Telecommunication, and Access Point Systems at Tinau Rural Municipality

1. Technical Specifications

Component	Specifications
Network Cabinet	Type: Wall-mountable, 4U size Purpose: Provides secure and organized housing for network equipment such as switches and patch panels
Access Point	Technology: Wi-Fi 6 (AX1800) compliant Frequency Bands: Dual-band (2.4GHz and 5GHz) Coverage: Designed for wide coverage and high user density Management: Supports centralized cloud-based management Security: Advanced wireless encryption (WPA3), rogue access point detection, and guest network features Power Supply: Supports Power over Ethernet (PoE) for flexible installation
Network Switches	Unmanaged Switches: 5-Port and 8-Port Gigabit options suitable for simple connectivity Managed PoE Switches: - 4-Port with 2 uplink ports- 8-Port with 1 uplink port Management Features: Graphical interface (GUI) for configuration, VLAN support for network segmentation Fiber Uplink Support: 8-Port Gigabit switch with SFP module compatibility

Signature

Signature

Cabling Infrastructure	UTP Cable: Category 6, solid copper conductor (23 AWG), 250MHz bandwidth, 305-meter rolls Networking Patch Cord: Factory-molded Cat 6 cables with RJ45 connectors Telephone Patch Cord: Flat RJ11 cable with 2-core or 4-core options Voice Cable: 10-pair, color-coded, solid copper cable designed for telephone and intercom systems
Telephone Equipment	Standard Telephones: Include redial, tone/pulse dialing, and speakerphone features Caller ID Telephones: Add caller identification capabilities to standard features
Accessories for Installation	Includes: RJ45 connectors, listi clamps, cable clips, cable grips, modular power sockets and switches, electric wires, face plates, and flexible conduit pipes
Multiplug Extension Units	Heavy-duty construction with surge protection, multiple universal outlet types, and visual power indicators
Structured Cabling Termination	Krone Module Box: 20-pair terminal box designed for organized and secure voice/data cable terminations
Additional Installations	CCTV Setup: Proper mounting, orientation, and installation of surveillance cameras for indoor and outdoor areas Intercom Setup: Wall-mounted intercom access ports for internal communication
Network Monitoring System	Type: Cloud-based or centralized management platform Capabilities: Real-time network monitoring, alert notifications, remote configuration, firmware upgrades, traffic analytics

Chakraborty

Chakraborty

2. BOQ

S.N.	Items	Qty	Unit	Cost Per Unit	Total Price
1	4U Rack		pcs		
2	AP Device	1	pcs		
3	Gig switch 8 Port Normal	1	pcs		
4	Gig switch 5 port Normal	1	pcs		
5	Gig switch 8 Port with SFP port	1	pcs		
6	PoE Switch 4 Port with Uplink 2 Port Manageable Switch	1	pcs		
7	PoE Switch 8 Port with Uplink 1 Port Manageable Switch	1	pcs		
8	Cat 6 Cable Roll UTP	1	Roll		
9	Networking & Electrical Accessories (Listi, RJ45, Clip, Grip, Power Socket, Modular, Electric Wire, Face Plate, Flexible Pipe)	1	ports		
10	Patch Cord for Networking	1	pcs		
11	Patch Cord for Telephone Intercom	1	pcs		
12	Telephone Set	1	pcs		
13	Telephone Set Caller ID	1	pcs		
14	Multiplug	1	pcs		
15	Telephone Cable 10 Pair	1	Roll		
16	Krone Box with 20 Pair Krone	1	Set		
17	Overall Networking, Intercom, Inverter Wiring, CCTV Camera Migration and Installation Charge	1	ports		
	Total Amount Without VAT				
	VAT Amount				
	Total Amount with VAT				

(Signature)

(Signature)