



Republic of the Philippines
Tourism Infrastructure & Enterprise Zone Authority

Supply, Delivery, Installation and Commissioning of Switch, Access Point for TIEZA

TERMS OF REFERENCE

Access Points
Dual-radio 2x2 802.11ac/a/b/g/n with MU-MIMO & Beamforming technology
Quick-Scan Device Register & Configuration and Remote Monitoring & Troubleshooting
Supports up-to 867 Mbps in 5-GHz band & 400 Mbps in 2.4-GHz band
Quick-Scan Device Register & Configuration and Remote Monitoring & Troubleshooting
Compliance with 802.3af & 48V PoE input for flexible installation up-to 328 feet
Cloud Manage unlimited number of AP's from Anywhere with the Cloud App
Wave 2 Indoor Access Point delivers 1.3 Gbps speeds and higher user capacity.
Supports Standalone, Controller-based, or Cloud Managed deployment.
Switches
Switch Capacity 128 Gbps
Full-Featured Layer 2+ Switching / Software Features(L3 Feature)
Simple deployment with ZERO touch Provisioning
Static IP Routing provies manually configured routing includes ECMP capability
Supports SNMP or Cloud Managed Deployment
Mac Address Table Size 16,000
LC SR 300m MMF Transceiver (8 untis)
Access Control List (ACL) MAC Based ACL IPv4/IPv6 Based ACL ACL Binding Time base ACL
Support RMON 1,2,3,9
802.3 at/af PoE+ Ready on All Ports with 410W PoE budget
SNMP v1/v2c/v3 Support
SSL Certificate Certificate/Key Import
Port Security Max. 256 Entries
Bandwidth Control Port-based bandwidth control (Ingress/Egres)
Trust Mode Cos/802.1p DSCP CoS/802.1p-DSCP



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Cloud Management
Unified management of wireless, wired, VPN, and SD-WAN for simplified operations
AI-based insights for faster troubleshooting and continuous network optimization
Advanced IDS/IPS threat defense management
Contact tracing and location tracing to ensure workplace safety
Live Chat and an AI-based search engine for an enhanced support experience
SaaS, on-premises, and managed service options for flexible consumption and financing
Uses templates and a UI option that features guided, step-by-step workflows.
Zero touch provisioning provides a simple, intuitive workflow for setting up APs, switches, and gateways – no onsite IT involvement required.
Full-service AIOps solution that automates common troubleshooting activities, reducing IT support tickets and associated costs.
Gain broad visibility into network-wide performance, and drill-in to specific sites with summaries of device utilization, configuration compliance, and other statistics.
Monitor application health across the network, ensuring critical services receive priority traffic while tracking and enforcing acceptable usage by site, device, or location.
A consolidated view of how VoIP applications are performing with mean opinion scores (MOS) and insights into potential RF performance and capacity issues.
Delivers a multitude of details on devices connected to the network, including insights into client performance, connectivity status, physical location, and the data path.
Rogue AP Intrusion Detection Service (RAPIDS) to identify and resolve issues caused by rogue APs and clients; Historical Wi-Fi location data
Premium-grade reporting features that are included as part of the base license subscriptions.
Secure HTTPS connectivity, with certificate-based authentication for the highest level of protection.
In addition to the AI Assist feature that can automatically notify TAC of an issue, there's also an integrated 24x7 live chat for real-time support.
Ability to Monitor Whole Network Topology
Services is available 24 hours per day Monday through Sunday will ship a replacement product to customer site for delivery on the next business day after the service request has been received and acknowledged
Access Controller Functionality; VPN Controller Functionality
Powerful Enterprise Internet Gateway Featuring a Quad-Core Processor, readily meets the needs of demanding networks, with over 9Gb/s NAT throughput delivered through its 10GbE & 2.5GbE ports
1 Year Hardware Support
Service is available 24 hours per day, Monday through Sunday. will ship a replacement product to the Customer's site for delivery on the next business day after the service request has been received and acknowledged
Remote problem diagnosis and support
Replacement parts and materials
Problem analysis and resolution
Access to remote technical resources
License to use software updates
Software features and operational support



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Installation Services	
Supply and Installation of Fiber backbone connections to support Access Points	
Mounting of Access Points – including cables, RJ-45 and others	
Configuration of devices must be aligned to the best practice needed for Wireless Network refresh.	
Provide implementation summary of the project	
Includes the following:	
• Project Kickoff	• Requirements Gathering and Analysis
• Planning and Design	• Deployment
• Testing	• Documentation
• 2 hours Knowledge Transfer of the project activity	


REQUIREMENTS

1. The Bidder must be an authorized reseller/authorized dealer of the brand being offered. A **current valid manufacturer's certification** required as part of the technical component on bid proposal.
2. The Bidder must not exceed to ninety (90) days delivery lead-time including installation and testing upon receipt of Notice to Proceed.
3. The winning Bidder should replace a factory defective unit with a new unit within 30 days upon delivery of the item.
4. In case of outside repair within 3-year warranty period, the winning Bidder shall provide a service unit.
5. For the two immediately preceding items, the Bidder must submit Statement of After Sales Technical Support as part of the technical component.
6. The bidder must submit network diagram as part of Technical Documents.

ESTIMATED PROJECT COST

Approved Budget for the Contract (ABC) is **FOUR MILLION ONE HUNDRED SEVENTY EIGHT THOUSAND PESOS ONLY (P 4,178,000.00)**


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