



Republic of the Philippines
CAVITE STATE UNIVERSITY
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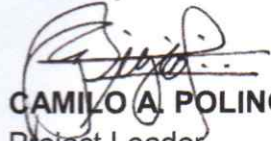
**SUPPLY, DELIVERY, CONFIGURATION AND INSTALLATION OF ROUTER AND 1GbE SFP
 COPPER MODULE FOR VARIOUS CAMPUSES (WAN-PROJECT)**

ABC: ₱5,702,450.00 / TRUST

Item No.	Qty	Unit	Specifications	Unit Price (Php)	Total Price (Php)
1	9	units	Router <ul style="list-style-type: none"> • Cloud Managed Firewall/Router/SDWAN • 4Gbps Stateful firewall throughput • 2Gbps Advanced Security throughput • 500 Recommended maximum concurrent client VPN tunnels • 3000 Maximum Concurrent VPN Tunnels • 1Gbps VPN throughput • 2 x 10GbE SFP+, 1 x USB (cellular failover) WAN Interfaces • 8 x GbE (RJ45), 8 x GbE (SFP), 8 x 10GbE (SFP+) LAN Interface • 128Gb SSD Web Caching • Stateful firewall, 1;1NAT, DMZ, DHCP • Layer 3, Layer 7 and Geography-based firewall rules • Malware protection, Intrusion-prevention sensor & URL filtering capabilities, Web-search filtering • BGP, OSPF and Static Routing Protocol • Traffic shaping Application bandwidth limiting and prioritization • Automated site-to-site (IPsec) VPN for hub-and-spoke or mesh topologies • CAT 6 LTE modem for failover or single uplink and Cellular Failover rules • WAN link aggregation or Load Balancing • DNS Protection, SaaS Optimization, HTTPS Inspection • SD-WAN: dual-active VPN with policy-based routing and dynamic path selection • Path Selection based on Application type ,Latency, Jitter, Packet loss • Web Application Monitoring and WAN Links Monitoring • Automatic firmware upgrades and security patches 	603,050.00	5,427,450.00

			<ul style="list-style-type: none"> Automated MPLS to VPN failover within seconds of a connection failure Power: Modular 100-220V 50/60Hz AC, 2 x 250WAC PSU Environment Operating temperature: 32°F to 104°F (0°C to 40°C) One (1) Year Advance Security License Subscription Lifetime hardware warranty with advanced replacement included <p>MANAGEMENT:</p> <ul style="list-style-type: none"> Managed via the web with the cloud management platform. Centralized policy and configuration Zero-touch remote deployment (no staging needed) Automatic firmware upgrades and security patches Template-based multi-network management Org-level two-factor authentication and single sign-on Role-based administration with change logging and alerts <p>MONITORING AND REPORTING:</p> <ul style="list-style-type: none"> Throughput, connectivity monitoring, and email alerts Detailed historical per-port and per-client usage statistics Application usage statistics Org-level change logs for compliance and change management VPN tunnel and latency monitoring Network asset discovery and user identification Periodic emails with key utilization metrics Device performance and utilization reporting Netflow support, Syslog integration <p>VENDOR QUALIFICATIONS:</p> <ul style="list-style-type: none"> must have a sales and technical office in the Philippines and is operating locally must have at least one Certified Network Associate with unexpired certification for guaranteed support with CV as proof of employment and credentials must have unexpired Certified Network Associate Certification of their distributor with CV as proof of employment and credentials for alternative support must submit a Helpdesk escalation procedure with flowchart and contact numbers must conduct a Technical Training to Main Campus and other branch campuses 		
2	22	units	1 GbE SFP Copper Module	12,500.00	275,000.00

Noted by:



CAMILO A. POLINGA
Project Leader

Certified Correct:



EMELINE C. GUEVARRA
Chair, BAC TWG - Computer and Office Equipment



DINDO C. MARGES
Member, BAC TWG - Computer and Office Equipment