PROJECT TITLE: SUPPLY, DELIVERY AND INSTALLATION OF NETWORK CYBER SECURITY FIREWALL WITH COMPLETE ACCESSORIES

LOCATION: CALAMBA WATER DISTRICT, LAKEVIEW SUBDIVISION, BRGY. HALANG, CALAMBA CITY

I. BACKGROUND

The Calamba Water District intends to engage the services of an IT Supplier, duly authorized and with the necessary expertise, experience, and capacity to supply, deliver and install Network Security Firewall.

The Management Information Services Section aims to enhance the network security system of Calamba Water District by acquiring a network firewall that is capable of protecting its private network against virus, malware, spam and other types of cybersecurity threats. The network firewall must also be capable of controlling and monitoring the data packet flow of CWD network.

II. SCOPE OF WORKS

A. Activities

Activities	Estimated Working Days
Supply and Delivery of Network Firewall Hardware	30 Days
Installation and Configuration of Network Firewall Software	
User Training	2 Days

B. Technical Specifications

ITEM NO.	TECHNICAL SPECIFICATION
1	Firewall Hardware Appliance Firewall throughput – 30,000 Mbps Firewall IMIX – 15,900 Mbps Firewall Latency (64 byte UDP) - 6 µs IPS throughput – 5,800 Mbps Threat Protection throughput – 1,250 Mbps Concurrent connections – 6,500,000 New Connections/sec – 134,700 IPSec VPN Throughput – 3,000 Mbps Xstream SSL/TLS Inspection – 1,100 Mbps Xstream SSL/TLS Concurrent Connections – 18,432

	Storage: Integrated min. 120GB SATA III-SSD Ethernet Interfaces : 8 x GbE Copper / 2 x SFP Fiber Bypass port pairs : 1 Management ports: 1 x RJ45 MGMT; 1 x COM RJ45; 1x Micro-USB (Cable Include) Other I/O ports: 2 x USB 3.0 (FRONT) ; 1 x USB 2.0 (Rear) Number of Flexi Ports Slots: 1 Max. Power-over-Ethernet : 1 module: 4 ports, 60W max (using Flexi port module) Display: Multi-function LCD Module Mounting: 1U rackmount (2 rackmount ears included) Power Supply: Internal auto-ranging DC 100-240VAC, 3- 6A@50-60 Hz Standard Protection 1 Year Subscription Base License Features : • Networking and SD-WAN: Wireless, SDWAN, Application Aware Routing, Traffic Shaping • Protection and Performance: Xstream Architecture with Network Flow FastPath, TLS 1.3 Inspection, Deep-Packet Inspection • VPN: IPsec/SSL Site-to-Site and Remote Access VPN • Reporting: Historical on-box logging and reporting, Sophos Central cloud reporting Network Protection Features: • Xstream TLS Inspection: TLS 1.3 inspection with pre-package exceptions • Xstream DPI engine: streaming deep packet inspection • IPS: Next-gen Intrusion Prevention • ATP: Advance Threat Protection • Clientless VPN: HTML5 • Reporting: Extensive Network and Threat Reporting Web Protection Features: • Xstream TLS Inspection: TLS 1.3 inspection with pre-package exceptions • Xstream DPI engine: streaming deep packet inspection • Web Control – by user, group, category, URL , keyword

	• Web Threat Protection - malware, PUA, malicious JavaScript, Pharming • App Control- by user, group category, risk, and more Enhanced Support: 24/7 support, feature updates, advanced replacement hardware warranty for term.
2	ENDPOINT CLIENT ANTIVIRUS PROTECTION BUNDLE (200) Licenses 1 Year Subscription 200 Licenses for Workstations – 1 Year Subscription ENDPOINT CLIENT ANTIVIRUS FEATURES: • Websecurity • Download Reputation • Web Control/ Category-based URL Blocking • Peripheral Control • Application Contorl • Deep Learning malware detection • Anti-Malware File Scanning • Live Protection • Pre-execution Behaviour Analysis (HIPS) • Potentially Unwanted Application (PUA) Blocking • Data Loss Prevention • Exploit Prevention • Runtime Behavior Analysis (HIPS) • Malicious Traffic Detection (MTD) • Active Adversary Mitigation • Ransomware File Protection (CryptoGuard) • Disk and Boot Record Protection (WipeGuard) • Automated Malware Removal • Root Cause Analysis • Synchronized Security Heartbeat SERVER (1) LICENSE 1 YEAR SUBSCRIPTION SERVER ANTIVIRUS FEATURES: • Windows Server/Linux Platforms • Server Lockdown • Web Control (URL Blocking) • Download Reputation • Peripheral Control • Application Control • Deep Learning Malware Detection • Exploit Prevention • Anti-Malware File Scanning • Pre-execution Behavior Analysis (HIPS) • Detect Potentially Unwanted Application (PUA) • Data Loss Prevention

	• Active Adversary Mitigation • Ransomware File Protection • Disk and Boot Record Protection (WipeGuard) • Malicious Traffic Detection • Automated Malware Removal • Root Cause Analysis • File Integrity Monitoring • Synchronized Security with Security Heartbeat (Enhanced threat protection, positive source identification, and automated isolation)
3	USER TRAINING The winning supplier must provide a 2-day User Training for 3 IT personnel of Calamba Water District.

III. BIDDER REQUIREMENTS

- The Bidder/Supplier must be the highest tier Partner (Platinum Partner or equivalent) of the product to ensure the capability of the supplier to support the firewall hardware and software. The supplier must provide certificate issued by the Principal as a Proof.
- Bidder / Supplier must have at least 3 regular employees that have Product-Certified Engineers to insure first level support. The supplier must provide certificate issued by the Principal as a Proof.
- Bidder /Supplier must have a Manufacturer Warranty Certificate issued by the Product's Manufacturer.
- The Bidder must be able to provide Training/ Deployment/Management /Navigation of the product.
- The Bidder must have a quarterly console health check via remote access.

IV. DELIVERY SCHEDULE

The Network Firewall Hardware must be delivered within Thirty (30) working days upon receipt of the Notice to Proceed (NTP) and the software must be fully configured and installed according to the Calamba Water District's preferred configurations.
Deliveries should be made within office hours and on regular working days on or before the stipulated date in the contract unless otherwise specified for valid reason why the same cannot be complied with;
Calamba Water District shall impose penalty of 1/10 of 1% if the total value of the undelivered order for each day of delay

V. WARRANTY AND AFTER-SALES SUPPORT

The Contractor shall guarantee one (1) year exclusive warranty on all installed materials and equipment against factory defects and workmanship. Bidder should submit a warranty and after-sales support statement that it has an authorized technical support/service center with complete spare parts, equipment, tools, and trained technicians and/or manufacturer certified engineer who are competent and qualified to provide after-sales service. Warranty provision on upgrades and patches to be installed is free of charge during the warranty period. The Contractor shall be responsible for all costs related to the warranty period.

VI. SERVICE LEVEL AGREEMENT

The Contractor shall render support services within the warranty period of one year as follows:

a. Technical support will be provided through phone calls or email within regular working hours from Monday to Friday, 8:00AM to 5:00PM.

b. Support services shall be rendered within four (4) working hours after the problem has been reported. For problems reported after 4PM, services shall be rendered at 8:00AM of the following working day.

c. If the supplied equipment is found defective and need to be pulled-out, the contractor shall provide a service unit with the similar or equivalent specifications within 24 hours, and as agreed upon with contractor support team.

VII. TRAINING AND TECHNOLOGY TRANSFER

1. END-USER TRAINING. The Contractor must provide basic user training for at least three (3) IT Personnel for the Network Equipment/switches, Firewall and troubleshooting for the hardware and software configuration for at least 2 days.

VIII. INSPECTION AND ACCEPTANCE

The Calamba Water District shall have the right to reject and return the unit(s) and cancel the corresponding Contract if units delivered are defective, incomplete or noncompliant to the specifications herein specified.

IX. TERMS OF PAYMENT

The payment shall be done within thirty (30) working days upon submission of complete documents including, delivery, testing and upon issuance of Inspection and Acceptance Report by the authorized/designated representatives of Calamba Water District