



TERMS OF REFERENCE FOR THE SUPPLY, DELIVERY, INSTALLATION, AND COMMISSIONING OF WFFC TO AMSS NAIA UTM SECURITY FIREWALL

1.0 Overview

The ICT server rooms at the Weather and Flood Forecasting Center (WFFC) building and at AMSS PAGASA NAIA are each equipped with UTM Firewalls. These firewalls are used to protect the various servers and workstations housed within these facilities. The licenses for this firewall are valid for three years and is set to expire in September 2024. Without the firewall, PAGASA's network would be vulnerable to hackers and other security threats.

2.0 Approved Budget for the Contract (ABC):

The approved budget for the project amounts to **four million nine hundred fifty-two thousand nine hundred seventy pesos only** (Php 4,952,970.00) inclusive of VAT and all applicable government taxes.

3.0 Delivery Period and Place of Delivery

The winning bidder, after accepting the Notice to Proceed (NTP), shall deliver the software and hardware within 30 calendar days at the PAGASA WFFC Building located at PAGASA WFFC Compound, Senator Miriam Defensor P. Santiago Avenue, Brgy. Central, Diliman, Quezon City.

4.0 Technical Specifications and Deliverables

The winning bidder shall supply, deliver, install, and commission the Firewall with the following minimum specifications:

- Firewall License
- Base Firewall: Networking, wireless, unlimited remote access VPN, site-to-site VPN, reporting
- Network Protection: Next-gen Intrusion Prevention, Advance Threat Protection, Security Heartbeat, reporting
- Web Protection: Web Security and Control, Application Control, reporting
- Email Protection: On-box antispam, AV, DLP, encryption
- Web Server Protection: Web Application Firewall, Reverse Proxy, URL and Form Hardening, Reverse authentication, form-based authentication, Integrated load balancer for multiple servers, Dual-antivirus engines, HTTPS offloading, SQL injection protection, Cross-site scripting

- Hardware specifications:

Size: 2U

Ports /Slots: 16/3 (48)

Power supply: Built in: redundant power, SSDs, fans (100-220V)ac, 60Hz

Throughput: Firewall: 100,000 Mbps; IPsec VPN: 92,500Mbps;
Threat protection: 14,000Mbps, Xstream SSL/TLS: 13,500Mbps

5.0 Contractor's Eligibility

The Supplier must provide Manufacturer Certificate from the product manufacturer stating that they are authorized partner and can provide technical support and consultation.

The Supplier must have at least One (1) employed certified engineer on the product being offered. Provide copy of the certification.

24/7 Technical Support within the warranty period via email, phone, remote access and onsite

6.0 Equipment and System Warranty

Three (3) years standard warranty with firmware updates for hardware and software. Technical support assistance via email, phone, remote support, or by personal appearance of technician/engineer. Onsite Support Services, within (4) hours response time within Metro Manila for technical problems that cannot be resolved remotely.

Hardware replacement or service unit with the same or higher model shall be provided should the equipment encounter hardware failure.