



Republic of the Philippines

DEPARTMENT OF SCIENCE AND TECHNOLOGY

**Philippine Atmospheric, Geophysical and Astronomical Services
Administration (PAGASA)**

TERMS OF REFERENCE

**FOR THE SUPPLY AND DELIVERY OF 2-YEAR SECURITY SUBSCRIPTION
LICENSE FOR FORTIGATE 800C (2 SETS) & FORTIANALYZER 1000D (1 SET)
INCLUDING TRAINING AND INSTALLATION**

A. BACKGROUND

The licenses of Fortigate 800C appliance and FortiAnalyzer 1000D of Weather Division have expired and require renewal to use its functionality.

The Fortigate 800C appliance acts as LAN and Internet gateway for WD workstations and provides high-level of perimeter security for the networked hosts. It fortifies and shields the WD workstations from any threats, inside and outside of the network.

While, the FortiAnalyzer 1000D provides management, monitoring and control over the network. It helps in visualizing the network setup and activities, providing quick identification and response to any network security breaches and anomalies.

B. APPROVED BUDGET FOR THE CONTRACT (ABC)

The Approved Budget for the Contract is **Three million pesos (Php 3,000,000.00)** inclusive of VAT and all applicable government taxes.

C. PLACE AND DATE OF DELIVERY

The winning bidder shall supply and deliver the deliverables at PAGASA WFFC building within thirty (30 c.d.) calendar days from receipt of the Notice to Proceed (NTP).

D. LIST OF DELIVERABLES

- 2-year security subscription with 24/7 maintenance support each for two (2) sets of Fortigate 800C appliance.
- 2-year security subscription with 24/7 maintenance support for one (1) set of FortiAnalyzer 1000D appliance.
- Advanced self-paced online training with facilitated lab for three (3) personnel on NSE 4 (FortiGate Security & FortiGate Infrastructure) and NSE 5 (FortiAnalyzer) with respective certifications.

E. TECHNICAL SPECIFICATIONS

1) FORTIGATE 800C SECURITY SUBSCRIPTION (2 sets)

Unified Threat Management (UTM) with Advanced Malware Protection:

- a) Antivirus, Botnet IP/Domain Security, Mobile Security, FortiSandbox Cloud, Virus Outbreak Protection, and Content Disarm & Reconstruction
- b) Intrusion Prevention Service (IPS)
- c) Application Control Service
- d) Antispam Service
- e) Antivirus Service

- f) Web Filtering Service

2) FORTIANALYZER 1000D SUBSCRIPTION (1 set)

With the following enabled features of:

- a) Customizable NOC SOC dashboards on network visibility
- b) Improved management & analytics on incidence response
- c) Automated Indicators of Compromise (IOC)
- d) Flexible report formats with custom & template reports
- e) Configurable event handler, monitoring and alerting mechanism
- f) Log Fetch for forensic analysis
- g) Log Forwarding for 3rd party integration
- h) Analyzer-Collector Mode
- i) Multi-tenancy with Flexible Quota Management

3) FORTINET NETWORK SECURITY EXPERT (NSE) TRAINING

NSE 4 FortiGate Security Training:

- a) Introduction to FortiGate and the Security Fabric
- b) Firewall Policies
- c) Network Address Translation (NAT)
- d) Firewall Authentication
- e) Logging and Monitoring
- f) Certificate Operations
- g) Web Filtering
- h) Application Control
- i) Antivirus
- j) Intrusion Prevention and Denial of Service
- k) SSL VPN
- l) Dialup IPsec VPN
- m) Data Leak Prevention (DLP)

NSE 4 FortiAnalyzer Security Training:

- a) Introduction and initial configuration
- b) Administration and Management
- c) Device Registration and Communication
- d) Logging
- e) Reports

F. MAINTENANCE SUPPORT WARRANTY

During the 2-year subscription period, the winning bidder shall provide maintenance support services warranty which shall include the following:

- 1) Warranty period starts from the date of acceptance.
- 2) Regular daily pattern updates and firmware updates within the subscription period.
- 3) Availability of Technical Support services via telephone, text, and email which include Remote Access Assistance thru Internet web or VPN access.