



AFP Retirement and Separation Benefits System

Camp General Emilio Aguinaldo, Quezon City

TERMS OF REFERENCE

1. PROJECT TITLE:

Procurement of New Firewall Appliance with One (1) Year Total Security Suite Subscription License for year 2023-2024 of the AFP Retirement and Separation Benefits System (AFPRSBS).

2. THE PROJECT:

The intent of this document is to outline the requirements of this Project and to solicit proposals for the Procurement of New Firewall Appliance with One (1) Year Total Security Suite Subscription License for year 2023-2024 of the AFPRSBS in accordance with Republic Act No. 9184 (The Government Procurement Reform Act) and its Implementing Rules and Regulations. The project scope shall include the procurement of a Next Generation Firewall with license warranty and support service for One (1) Year to be installed and used at AFPRSBS Office.

The Firewall Appliance is used to protect the local area network (LAN) of AFPRSBS from intruders and/or hackers and viruses from the internet. It has features, specifically, a high port density supporting multiple security zones for the various AFPRSBS departments, users, access methods and devices to enforce network security by providing complete content protection and not merely identifying applications and allowing or denying traffic.

The winning bidder must provide all the conditions specified herein particularly "**Item 4 Scope of Services**".

3. APPROVED BUDGET FOR THE CONTRACT (ABC):

AFPRSBS has an Approved Budget for the Contract (ABC) of **Five Hundred Thirty Thousand Pesos (Php530,000.00)** for the **Procurement of New Firewall Appliance with One (1) Year Total Security Suite Subscription License for year 2023-2024**. The ABC is inclusive of all the applicable Philippine taxes.

4. SCOPE OF SERVICES:

- 4.1 Delivery and Installation of Firewall Appliance, migration of policy and configuration from old Firewall Appliance to the newly purchased Firewall Appliance.
- 4.2 The one year maintenance and support services to be provided by the winning bidder to the AFPRSBS shall be on an eight (8) hours x five (5) days basis, which can be delivered in the form of telephone call, electronic mail or on-site services. Problems reported and resolution of the same shall be documented immediately after the services have been rendered. Resolution which shall refer to a condition wherein the reported problem is resolved by the winning bidder to the satisfaction of the AFPRSBS shall be delivered within eight (8) hours from the receipt of service call. The winning bidder shall notify the AFPRSBS for any on-site technical support to be rendered beyond regular office hours subject to the approval of the AFPRSBS management.
- 4.3 The one year maintenance and support services shall include all activities related to the Preventive and Remedial Maintenance to keep and maintain the Firewall/VPN Appliance including its components and licenses in good working condition.
- 4.4 The one year maintenance and support services on an on-call basis during the maintenance and support service period shall be provided as the need arises and shall be accompanied by a written report and shall include, but not limited to the following:
- Troubleshooting and conducting a diagnostic test
 - Software updates as needed (OS, middleware, applications, patches and others)
- 4.4 If the condition necessitates an on-site support, the winning bidder shall provide an on-site support depending on the following severity:

1	Critical	Critical major service failure of the Firewall/VPN Appliance completely interrupts the entire operations of the AFPRSBS.	On-site support on the same day
2	High	Substantial service failure of the Firewall/VPN Appliance leading to the major delays of most parts of the operations of the AFPRSBS.	On-site support on the same day or remote access can be arranged
3	Important	Standard service failure of the Firewall/VPN Appliance with no impact to the operations of the AFPRSBS.	On-site support within 3-5 business days
4	Normal	Requests for information with reference to the winning bidder's technical support and on site assistance.	On-site support can be scheduled

- 4.5 Defective units/parts/module shall be replaced with the same quality and specifications and operating system/license shall be re-installed with no additional cost to the AFPRSBS.
- 4.6 The winning bidder shall inform the AFPRSBS with any product alerts, notices and latest product versions as well as any updates/upgrades.
- 4.7 The winning bidder shall ensure that the on call technical support has the capability to provide thorough analysis of the technical problems brought to its attention by the AFPRSBS and shall provide immediate and permanent solution to said problems.
- 4.8 The winning bidder shall warrant, represent and undertake that the services to be provided are reliable and that their personnel are hardworking, qualified and dedicated to do the services required by AFPRSBS. The winning bidder shall coordinate with the authorized AFPRSBS personnel in the performance of their jobs.

5. TECHNICAL DESCRIPTION:

Firewall Appliance (Branded)	M390
Throughput	
UTM (full scan)	2.4 Gbps
VPN (IMIX)	1.8 Gbps
HTTPS (IPS enabled)	1.32 Gbps
AntiVirus	3.1 Gbps
IPS (full scan)	3.3 Gbps
Firewall (UDP 1518)	18 Gbps
VPN (UDP 1518)	5.2 Gbps
Capacity	
Interfaces 10/100/1000	8x1 Gb
I/O interfaces	1 serial/2 USB
Concurrent connections	4,500,000
New connections per second	98,000
VLANs	250
WSM licenses (incl)	4
TDR Host Sensors included	150
VPN Tunnels	
Branch Office VPN	250
Mobile VPN	250
Security Features	
Firewall	Stateful packet inspection, deep packet inspection, proxy firewall
Application proxies	HTTP, HTTPS, FTP, DNS, TCP/UDP, POP3, SMTP, IMAPS, POP3S and Explicit Proxy
Threat protection	DoS attacks, fragmented & malformed packets, blended threats
Filtering options	Browser Safe Search, Google for Business
VPN	
Site to Site VPN	KEv2, IPSec, Policy and Route Based Tunnels, TLS hub and spoke
Remote Access VPN	KEv2, IPSec, L2TP, TLS
Visibility	
Logging and notifications	Cloud & Dimension, Syslog, SNMP v2/v3
Reporting	Cloud includes over 100 pre-defined reports, executive summary and visibility tools
Certifications	
Security*	Pending: Common Criteria, FIPS 140-3
Safety	NRTL/C, CB

Network	IPv6 Ready Gold (routing)
Hazardous substance control	WEEE, RoHS, REACH
Networking	
SD-WAN	Multi-WAN failover, dynamic path selection, jitter/loss/latency measurement
Dynamic Routing	RIP, OSPF, BGP
High Availability	Active/passive, active/active
QoS	802.1Q, DSCP, IP Precedence
IP address assignment	Static, DHCP (server, client, relay), PPPoE, DynDNS
NAT	Static, dynamic, 1:1, IPSec traversal, policy-based
Link aggregation	802.3ad dynamic, static, active/backup
Physical and Environment	M390
Physical and Power Specifications	
Product Dimensions	12.08" x 17.24" x 1.73"(307 mm X 438 mm x 44 mm)
Shipping Dimensions	22.71" x 8.14" x 17.44" (588 mm x 648 mm x 200 mm)
Shipping Weight	11.53 lbs (5.23 kg)
Power	Single PSU -120W90-264VAC~, 2.2A/2.4A, 47-63Hz
Power Consumption	110V AC power: 76W at45°C with 64% fan speed
MTBF	578,655 hours
Environment Specifications	
Operating Temperature	32° F to 104° F / 0° C to 40° C
Storage Temperature	-40° F to 158° F / -40° C to 70° C
Operating Relative Humidity	5% to 90% non-condensing
Storage Relative Humidity	5% to 90% non-condensing
Operating Altitude	0 to 9,843 ft at 95° F (3,000 m at 35° C)
Storage Altitude	0 to 15,000 ft at 95° F (4,570 m at 35° C)

6. DELIVERABLES:

6.1 Delivery, Installation and Configuration of Firewall Appliance, migration of policy and configuration from old Firewall Appliance to the newly purchased Firewall Appliance.

6.2 The comprehensive twelve (12) months or one (1) year maintenance and support services shall include the following:

a) Firewall Appliance Total Security Suite (M390) 8x5 Bundle

- Firmware and General Updates
- 8x5 Enhanced Phone Support
- Anti Virus
- NGFW (IPS/Application Control)
- Content Filtering / Webfiltering
- Anti Spam
- State full Firewall
- VPN
- SD-WAN
- Access Portal
- Intrusion Prevention Service (IPS)
- Application Control
- Web Blocker
- Spam Blocker
- Gateway Anti-Virus
- Reputation Enabled Defence

- Network Discovery
- APT Blocker
- Threat Detection & Response
- DNS Watch
- Intelligent AV
- Cloud Visibility Data Retention 30 Days

b) Gold Support 24x7xNBD Incident – On-site Support

- 8:00am - 5:00pm, Monday to Friday
- Phone Support
- E-mail Support
- Remote Support
- On-site Support

6.3. The Certificate of Coverage / Maintenance Certificate shall be delivered by the winning bidder upon execution of the Maintenance and Support Service Agreement.

7. CONFIDENTIALITY OF DATA

The winning bidder shall document detailed procedures/techniques in identifying information and communication technology system security risk and security breach and how such shall be handled.

The AFPRSBS' information and communication technology system, its components, parts, data technology and non-technical materials, all or any of which may be derived from the Project, are confidential and proprietary rights of the AFPRSBS. The winning bidder agrees to hold the strict confidentiality of all the information that will come to the knowledge of the Project staff such as but not limited to information and communication technology infrastructure design/configuration, work flow, building layout and designs.

8. WINNING BIDDER'S REQUIREMENTS

- 8.1 All of the service personnel to be assigned by the winning bidder to undertake and prosecute the Project must be experienced and employed by the winning bidder.
- 8.2 The winning bidder must be operating in the Philippines for the past three (3) years and must have completed similar projects here in the country.
- 8.3 The winning bidder must comply with the terms and conditions and submit all the required documents as stated in the Request for Quotation (RFQ), to wit:
 - 8.3.1 Quotation and accreditation requirements must be submitted in separate sealed envelopes.
 - 8.3.2 As a Government-Owned and Controlled Corporation (GOCC), the AFPRSBS shall deal only with legitimate bidders which issue official receipts registered with the Bureau of Internal Revenue (BIR).
 - 8.3.3 All entries in the Quotation Form shall be typewritten.

- 8.3.4 Quoted prices shall be inclusive of value-added taxes and other applicable taxes and shall be firm and valid for a period of at least thirty (30) days from the date of receipt of quotation and shall be binding upon the bidders within the period.
- 8.3.5 Contract shall be awarded to the winning bidder with the lowest calculated responsive bid but with no derogatory record or past experience with the AFPRSBS.
- 8.3.6 Only quotations from bidders that are duly authorized by the manufacturer to provide, sell, configure and support the Firewall/VPN Appliance shall be accepted. The certification from the manufacturer authorizing the winning bidder to provide such service support should be submitted to the AFPRSBS during the post-qualification of the winning bidder with the lowest complying bid.
- 8.3.7 Any and all costs necessary for the winning bidder to fulfill its obligations in the maintenance and support of the Firewall/VPN Appliance shall be deemed included in the financial proposal. Any cost incurred in the fulfillment of the obligations but were not included in the financial proposal shall be shouldered by the winning bidder with the lowest complying and responsive bid.
- 8.3.8 AFPRSBS reserves the right to post-qualify any winning bidder and/or reject any or all submitted quotations without thereby incurring any liabilities to the affected bidder or bidders.
- 8.3.9 AFPRSBS shall be under no obligation to disclose any information about the winning bidder to the losing bidders until after the posting of award to the winning bidder is made in the PhilGEPS website.
- 8.3.10 Accreditation requirements shall be submitted in a **separate sealed envelope**, which shall include the following:
- 8.3.10.1 Certified True Copy of the Department of Trade and Industry (DTI) or Securities and Exchange Commission (SEC) Registration Certificate;
 - 8.3.10.2 Certified True Copy of Valid and Current Mayor's Permit and/or Business Permit;
 - 8.3.10.3 Certified True Copy of the BIR Registration Certificate with Taxpayer's Identification Number (TIN) and Tax Clearance for bidding purposes;
 - 8.3.10.4 Certified True Copy of the Philippine Government Electronic Procurement System (PhilGEPS) Registration Certificate;
 - 8.3.10.5 Income/Business Tax Return for the immediately preceding calendar year; and
 - 8.3.10.6 Original Copy of the Corporate Secretary's Certificate designating the company's authorized representative to submit and sign the bid and to sign any and all contracts and documents pertaining to the award of contract and/or acceptance of purchase/job orders.

9. MODE OF PAYMENT

Payment of the Project Cost shall be made by the AFPRSBS to the winning bidder on a quarterly basis at the end of every quarter. For the first quarter billing, payment shall be processed only upon issuance and delivery of the following documents:

- a. Notice to Proceed and Notice of Award duly acknowledged by the winning bidder;
- b. Maintenance and Support Service Agreement duly signed by the duly authorized representatives of the AFPRSBS and the winning bidder;
- c. Certificate of Coverage or Maintenance Certificate; and
- d. Certification from the manufacturer of Firewall Appliance that the winning bidder is authorized to provide, sell, configure and support the Firewall Appliance.