



Republic of the Philippines  
**DEPARTMENT OF SCIENCE AND TECHNOLOGY**  
**ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE**



**PURCHASE ORDER**

ASTI - FM 03-17  
 REV 3 / 10 October 2023

<b>Supplier:</b>	<b>OS1 SOLUTIONS, INC.</b>	<b>PO No.:</b>	<b>24-06-123</b>
<b>Address:</b>	<b>69 Roosevelt Ave., Parkwood Exec. Vill., Ph 1, Maybunga, Pasig City 1607</b>	<b>PO Date:</b>	<b>June 06, 2024</b>
<b>TIN:</b>	<b>009-250-867-000</b>	<b>Mode of Procurement:</b>	<b>NP-53.9 Small Value Procurement</b>

Gentleman:

Please furnish this Office the following articles subject to the terms and conditions contained herein:

<b>Place of Delivery:</b>	<b>ASTI Bldg., C.P. Garcia Ave., U.P. Technology Park Complex, U.P. Campus, Diliman, Quezon City 1101</b>	<b>Delivery Term:</b>	<b>Thirty (30) calendar days upon issuance of NTP</b>
<b>Date of Delivery:</b>	_____	<b>Payment Term:</b>	<b>Government Terms</b>
		<b>Warranty Term:</b>	_____

Stock / Property No.	Unit	Description	Quantity	Unit Cost	Amount
<b>1</b>	<b>Lot</b>	<p><b>Next-Generation Firewall Appliance</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of One (1) Lot of Next-Generation Firewall Appliance. The contract's duration shall be for twelve (12) months.</p> <p>1.2. The Approved Budget for the Contract is inclusive of all applicable government taxes and service charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Next-Generation Firewall (NGFW) Appliance for DOST-ASTI Local Area Network (LAN), One (1) Unit</p> <p>2.1.1. Performance</p> <p>2.1.1.1. Firewall Throughput: At least 30,000 Mbps</p> <p>2.1.1.2. Firewall Internet Mix (iMIX): At least 16,500 Mbps</p> <p>2.1.1.3. IPS Throughput: At least 6,000 Mbps</p> <p>2.1.1.4. Threat Protection Throughput: At least 1,250 Mbps</p> <p>2.1.1.5. Concurrent Connections: Up to 6,500,000</p> <p>2.1.2. Physical Interfaces</p> <p>2.1.2.1. Storage for local quarantine and logs: minimum 120 GB SSD</p> <p>2.1.2.2. Ethernet interfaces: At least 8 x GbE copper, 2 x SFP fiber</p> <p>2.1.2.3. Management ports: At least 1 x RJ45 MGMT, 1 x COM RJ45, 1 x Micro-USB (cable included)</p> <p>2.1.2.4. Other I/O Ports: At least two (2) USB 3.0 and at least one (1) USB 2.0</p> <p>2.1.2.5. Number of Expansion Slots: at least one (1) slot</p> <p>2.1.2.6. Display: Multi-function LCD module</p> <p>2.1.3. Other Physical Specifications</p>	<b>1</b>	<b>₱576,000.00</b>	<b>₱576,000.00</b>

Postal Address : ASTI Bldg., U.P. Technology Park Complex, CP Garcia Ave., Diliman, Quezon City 1101  
 Website : www.asti.dost.gov.ph  
 Email : info@asti.dost.gov.ph

Tel No. : +632 8249-8500  
 +632 8426-9755

- 2.1.3.1. 1U rackmount
- 2.1.3.2. Includes two (2) rackmount ears
- 2.1.4. Firewall Features
  - 2.1.4.1. Zone-based firewall features
  - 2.1.4.2. Firewall, networking, and routing
  - 2.1.4.3. Base traffic shaping quotas
  - 2.1.4.4. TLS 1.3 inspection
  - 2.1.4.5. Application acceleration
  - 2.1.4.6. Centralized management from a single console of the NGFW appliance in DOST-ASTI LAN and the Virtual Private Network (VPN) devices in Electronics Product and Development Center (EPDC) LAN and Research and Development Division (RDD) LAN in UP National Engineering Center (NEC)
  - 2.1.4.7. SD-WAN solution that manages application traffic routing over multiple WAN links and interconnects a distributed network
  - 2.1.4.8. Flexible reporting that combines a variety of built-in reports with powerful tools that the administrator can use to create custom reports
  - 2.1.4.9. Deep packet inspection that scans traffic for threats without a proxy slowing down the process
  - 2.1.4.10. Has lateral movement protection that automatically isolates compromised systems at every point in a network to stop attacks
  - 2.1.4.11. Zero-day protection with dynamic sandbox analysis and threat intelligence analysis
  - 2.1.4.12. Has been built to expose hidden risks, block both known and unknown threats, and automatically respond to incidents.
  - 2.1.4.13. IPsec/SSL site-to-site and remote access virtual private network (VPN)
  - 2.1.4.14. Web protection and control
  - 2.1.4.15. Application protection and control
  - 2.1.4.16. Traffic shaping
  - 2.1.4.17. Next-gen intrusion prevention
  - 2.1.4.18. Extensive network and threat reporting
  - 2.1.4.19. Real-time threat, health, and security information indicator for synchronized security
  - 2.1.4.20. Second independent malware detection engine for dual-scanning
  - 2.1.4.21. Zero Trust Network Access (ZTNA)
- 2.2. VPN Device for EPDC LAN, One (1) Unit and RDD Extension Office in UP NEC Building, One (1) Unit
  - 2.2.1. Maximum Throughput: 850mbps
  - 2.2.2. LAN Interfaces: At least four (4) 10/100/1000 Base-TX
    - 2.2.2.1. One (1) GbE copper
  - 2.2.3. WAN Interfaces: At least two (2) 10/100/1000 Base-TX
  - 2.2.4. SFP Interfaces: At least one (1) SFP Fiber
  - 2.2.5. Power-over Ethernet Ports: At least two (2) PoE Ports
  - 2.2.6. USB Ports: At least two (2) USB 3.0
  - 2.2.7. COM Ports: At least one (1) Micro-USB
  - 2.2.8. Modular Bay: At least one (1)
- 2.3. Installation and configuration of the NGFW appliance and the VPN devices
- 2.4. Technical training for three (3) DOST-ASTI personnel

	<p>2.5. With readily accessible documentation and/or instruction manuals</p> <p>2.6. One (1) year license subscription</p> <p><b>3. TECHNICAL SUPPORT SERVICE</b></p> <p>3.1. Technical support should be available at least eight (8) hours from Monday to Friday and has the following response times:</p> <p>3.1.1. Application is down: Two (2) business hours</p> <p>3.1.2. Serious degradation: Six (6) business hours</p> <p>3.1.3. Moderate impact: One (1) business day</p> <p>3.1.4. Low impact: One (1) - Two (2) business days</p> <p>3.2. End-user must be able to request technical support by phone, email, or through a website.</p> <p>3.3. Up to eight (8) sessions of onsite support services within the subscription period</p> <p>3.4. Access to version upgrades, new releases, bug fixes, and critical security patches, if any, must be made available during the duration of the subscription.</p> <p><b>4. DELIVERY and PAYMENT TERMS</b></p> <p>4.1. The price of the bid must be inclusive of government taxes and all applicable fees.</p> <p>4.2. Delivery of the software shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed.</p> <p>4.3. Technical training shall be conducted within ten (10) calendar days upon complete delivery of the items.</p> <p>4.4. Full payment will only be processed once the items are completely delivered, inspected, and accepted by the end-user.</p> <p>(Please see attached quotation.)</p>			
			<b>TOTAL:</b>	<b>P576,000.00</b>
<b>(Total Amount in Words)</b>			<b>Five Hundred Seventy-Six Thousand Pesos Only</b>	

The contract price is inclusive of taxes and other fees or charges. In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed on the undelivered item/s. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, DOST-ASTI may rescind or terminate the contract, without prejudice to other courses of action and remedies available under the circumstances and in accordance with the provisions of the latest implementing rules and regulations of RA 9184.

Conforme:

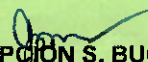
Very Truly Yours,

\_\_\_\_\_  
(Signature over Printed Name of Supplier)

  
**FRANZ A. DE LEON, Ph.D.**  
Director, DOST-ASTI

Digitally signed  
by Sayad  
Benjamin R.  
Lara

\_\_\_\_\_  
(Date)

<b>Fund Cluster:</b>	01	ORS / BURS No.: 01011012029-06-000961
<b>Funds Available:</b>	PHP 576,000.00	ORS / BURS Date: JUNE 13, 2021
		Amount: P 576,000.00
<p> <b>GAY CONCEPCION S. BUGAGAO</b> Accountant III</p>		



06 June 2024

**NOTICE TO PROCEED**  
**ALTERNATIVE MODE OF PROCUREMENT**

**Ms. MICAH MARIE LITERAL**  
 Solutions Consultant  
**OS1 SOLUTIONS, INC.**  
 69 Roosevelt Ave., Parkwood Exec. Vill.  
 Ph. 1, Maybunga  
 Pasig City 1607

Dear Ms. Literal,

This Notice to Proceed is hereby issued for the following contract details:

Contract Name	: <b>Supply and Delivery of One (1) Lot Next-Generation Firewall Appliance</b>
Purchase Request No.	: <b>GAA-24-05-19166</b>
Purchase / Work Order No.	: <b>24-06-123</b>
Total Contract Price	: <b>₱576,000.00</b>
(inclusive of taxes, import duties and all other charges or fees)	
Total Contract Price in Words	: <b>Five Hundred Seventy-Six Thousand Pesos</b>

Upon issuance of this Notice, your company, **OS1 SOLUTIONS, INC.** is hereby directed to commence the delivery of items and/or performance of services stipulated in the said Purchase Order which shall become due and demandable in accordance with the delivery schedule stipulated therein.

Please acknowledge receipt and acceptance of this Notice by signing in the space provided below. There are two (2) copies of this document; you may keep one copy and return the other to the Bids and Awards Committee (BAC) Secretariat of the Advanced Science and Technology Institute. Should you have any questions or clarifications, you may reach us at bac-sec@asti.dost.gov.ph.

Respectfully,

  
**FRANZ A. DE LEON, Ph.D.**  
 Director

Digitally signed  
 by Bayani  
 Benjamin R.  
 Lara

DATE OF ISSUANCE:

**18 JUN 2024**

RECEIVED BY:

\_\_\_\_\_  
 Signature over Printed Name

\_\_\_\_\_  
 Date and Time