Telefax: 631-21-42

Request for Quotation

Da	te:
PR	#:401881

Please quote your lowest price on the item/s listed below stating the shortest time of delivery and submit/fax/email your quotation duly signed by your representative not later than

THE PROJECT WILL ONLY BE AWARDED TO PLATINUM REGISTERED PHILGEPS SUPPLIERS FOR COMPETITIVE BIDDING AND TO AT LEAST RED MEMBER REGISTERED SUPPLIERS TO ALTERNATIVE MODE OF PROCUREMENT.

TO REGISTER, KINDLY CLICK THE LINK https://www.philgeps.gov.ph/Suppliers/add

QTY	UNIT	ITEM DESCRIPTION/SPECIFICATION	UNIT PRICE
1	Lot	Supply, Delivery, and Product Suppo Software Sophos XG310 License Duration: 02 September 2022 - 02 Se	
		See the succeeding pages for the ter	ms of reference.
		ABC: Php 600,000.00	

NOTE:

- 1. ALL ENTRIES MUST BE CLEAR AND READABLE.
- 2. DELIVERY PERIOD WITHIN 7 CALENDAR DAYS UPON PO CONFORME.
- 3. WARRANTY SHALL BE ATLEAST SIX (6) MONTHS FOR SUPPLIES & MATERIALS, ATLEAST ONE (1) YEAR FOR EQUIPMENT, FROM DATE OF ACCEPTANCE BY THE PROCURING ENTITY. (if applicable)
- 4. PRICE VALIDITY SHALL BE FOR A PERIOD OF 90 CALENDAR DAYS.
- 5. PhilGEPS REGISTRATION CERTIFICATE SHALL BE ATTACHED/FAX/EMAILED UPON SUBMISSION OF THE QUOTATION (IF EXPIRED OR DAP HAS NO FILE).
- 6. TERMS OF PAYMENT 30 DAYS AFTER DELIVERY OF ITEM/S OR FINAL ACCEPTANCE.

I/We quote you on the item/s at prices noted above.

	Printed Name / Signature; Date
Tel. No. / Cellphone No.	:
E-mail address:	
Name of supplier:	

Tender Specification of Sophos Firewall

	Model :
	Country of Origin : USA/UK/EU
Base Firewall Features	
ase i newan i catales	General Management
	Purpose-built, streamlined user interface and firewall rule management for large rule sets with grouping with at-a-glance rule feature and enforcement indicators
	Two-factor authentication (One-time-password) support for administrator access, user portal, IPSec and SSL VPN
	Advanced trouble-shooting tools in GUI (e.g. Packet Capture)
	High Availability (HA) support clustering two devices in active-active or active-passive mode with plug-and-play Quick HA setup
	HA support in AWS using the AWS Transit Gateway
	Full command-line-interface (CLI) accessible from GUI
	Role-based administration
	Automated firmware update notification with easy automated update proce and roll-back features
	Reusable system object definitions for networks, services, hosts, time periods, users and groups, clients and servers
	Self-service user portal
	Configuration change tracking
	Flexible device access control for services by zones
	Email or SNMP trap notification options
	SNMPv3 and Netflow support
	Central management support via Cloud-based Unified Console
	Automatic Email Notifications for any important event
	Backup and restore configurations: locally, via FTP or email; on-demand, daily, weekly or monthly
	API for 3rd party integration
	Interface renaming
	Remote access option for Sophos Support
	Cloud-based license management via Licensing Portal

Syslog support
Real-Time Flow Monitoring
Traffic light style indicators
Instant Insights At a Glance
Quick Drill-down Interaction with Any Control Center Widget
SNMP with a Custom MIB and support for IPSec VPN Tunnels
Support for new AWS instances (C5/M5 and T3)
Support for cloud formation templates
Virtual WAN zone support on custom gateways for post deployment single
arm usage
Supports a broad range of virtualization platforms and can also be deployed
as a software appliance
on your own x86 Intel hardware
Available in the AWS marketplace with a pay-as-you-go (PAYG) license
model, or bring your own license (BYOL) to best fit your needs.
Certified and optimized for Azure and is available in the Microsoft Azure
Marketplace. Can take a free test drive or the flexible PAYG or BYOL
licensing options.
Nutanix AHV and Nutanix Flow support
Stronger password hash algorithm (requires a password change)
Central Firewall Management
Central Firewall Management
Cloud-based management and reporting for multiple firewalls provides group
Cloud-based management and reporting for multiple firewalls provides group policy management and a single console for all your Sophos IT security
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Pack	ket processing architecture that provides extreme levels of visibility,
•	ection, and performance through stream-based packet processing
	inspection with high performance, support for TLS 1.3 with no
	ngrading, port
com	ostic, enterprise-grade polices, unique dashboard visibility, and patibility troubleshooting
	Engine that provides stream scanning protection for IPS, AV, Web,
	trol, and TLS
	ection in a single high-performance engine
	elerates SaaS, SD-WAN, and cloud traffic such as VoIP, video, and r trusted applications via FastPath through the new Xstream Flow
	cessors.
	vork Flow FastPath delivers policy-driven and intelligent acceleration
	ed traffic automatically
Impr	oved FastPath support for active-passive pairs
Pre-	packaged exception list
Cove	ers all ports/protocols
Sup	ports all modern cypher suites
Unm	natched visibility and error handing
Usei	r, group, time, or network based policies
Acce	ess time polices per user/group
Enfo	orce policy across zones, networks, or by service type
Zone	e-based firewall
Defa	ault zones for LAN, WAN, DMZ, LOCAL, VPN and WiFi
Full	VLAN support
Zone	e and VLAN isolation and zone-based policy support.
Micr	o-segmentation and auto-isolation via Synchronized Security
Cust	tom zones on LAN or DMZ
	tomizable NAT policies with IP masquerading and full object support
	rect or forward multiple services in a single rule with a convenient N
rule click	wizard to quickly and easily create complex NAT rules in just a few s
Floo	d protection: DoS, DDoS and portscan blocking
Cou	ntry blocking by geo-IP
	anced Routing: static, multicast (PIM-SM), and dynamic (RIP, BGP, PF) with full 802.1Q VLAN support
Upst	tream proxy support
Prote	ocol independent multicast routing with IGMP snooping
	ging with STP support and ARP broadcast forwarding
VLA	N DHCP support and tagging
	N bridge support

Jumbo Frame Support SD-WAN link balancing: multiple Internet connections, auto-link health check, automatic failover, automatic and weighted balancing, and granular multipath rules Wireless WAN support (n/a in virtual deployments) 802.3ad interface link aggregation Full configuration of DNS, DHCP and NTP Dynamic DNS (DDNS) IPv6 Ready Logo Program Approval Certification IPv6 tunnelling support including 6in4, 6to4, 4in6, and IPv6 rapid deployment (6rd) through IPSec SD-WAN Support for multiple WAN link options including VDSL, DSL, cable, and 3G/4G/LTE cellular withessential monitoring, balancing, failover and failback Application path selection and routing, which is used to ensure quality and minimize latency for mission-critical applications such as VoIP Synchronized SD-WAN, a Synchronized Security feature which leverages the added clarity and reliability of application identification that comes with the sharing of Synchronized Application Control information between managed endpoints and Firewall rules or policy-based routing

Synchronized SD-WAN application routing over preferred links via firewall

Affordable, flexible, and zero-touch or low-touch deployment

Robust VPN support including IPSec and SSL VPN

Centralized VPN orchestration

Unique RED Layer 2 tunnel with routing

Integration with Azure Virtual WAN for a complete SD-WAN overlay network

Base Traffic Shaping & Quotas

Flexible network or user based traffic shaping (QoS) (enhanced Web and App traffic shaping options

included with the Web Protection subscription)

Set user-based traffic quotas on upload/download or total traffic and cyclical or non-cyclical

Real-time VoIP optimization

DSCP marking

Secure Wireless

Simple plug-and-play deployment of Sophos wireless access points (APs) automatically appear on the firewall control center

High performance with the latest 802.11ac, Wave 2 wireless standard, and powerful radios

Central monitoring and management of APs and wireless clients through the

Bridge	e APs to LAN, VLAN, or a separate zone with client isolation options
Multip	le SSID support per radio including hidden SSIDs
Suppo	ort for the latest security and encryption standards including WPA2
	nal and Enterprise
	nel width selection option
	ort for IEEE 802.1X (RADIUS authentication) with primary and
	dary server support
	ort for 802.11r (fast transition)
Hotsp accep	ot support for (custom) vouchers, password of the day, or T&C tance
	ess guest Internet access with walled garden options
Time-l	based wireless network access
Wirele	ess repeating and bridging meshed network mode with supported Aps
Autom	natic channel selection background optimization
Suppo	ort for HTTPS login
Rogue Wi-Fi)	e AP detection (available only with XG Firewall devices with integrated
ZTNA	
to offe	os Firewall integrates with Sophos Zero Trust Network Access (ZTNA) or a secure and simple way for users to securely connect to important ations and data.
Secur	ely connect users to applications
Cloud	and on-premises application support
Remo	te access from anywhere
Device	e health integrates with Synchronized Security
	entication
Synch	ronized User ID utilizes Synchronized Security to share currently
	d in Active Directory user ID between Sophos endpoints and the
	Il without an agent on the AD server or client
TACA	ntication via: Active Directory, eDirectory, RADIUS, LDAP and CS+
Serve	r authentication agents for Active Directory SSO, STAS, SATC
Single	e sign-on: Active directory, eDirectory, RADIUS Accounting
Radiu	s Timeout with Two-Factor Authentication (2FA)
Client	authentication agents for Windows, Mac OS X, Linux 32/64
Brows Kerbe	ser SSO authentication: Transparent, proxy authentication (NTLM) and ros
Brows	ser Captive Portal
Authe	ntication certificates for iOS and Android
	ntication services for IPSec, SSL, L2TP, PPTP

Google Chromebook authentication support for environments with Active Directory and Google G Suite API-based authentication Azure AD integration Support for creating users with UPN format for RADIUS authentication User Self-Serve Portal Download the Sophos Authentication Client Download SSL remote access client (Windows) and configuration files (other OS) Hotspot access information Change user name and password View personal internet usage Access quarantined messages and manage user-based block/allow sender lists (requires Email Protection) **Base VPN Options** IPSec and SSL VPN tunnels Wizard-based orchestration Site-to-site VPN: SSL, IPSec, 256- bit AES/3DES, PFS, RSA, X.509 certificates, pre-shared key Remote Ethernet Device (RED) site-to-site VPN tunnel (robust and lightweight) L2TP and PPTP Route-based VPN Remote access: SSL, IPsec, iPhone/iPad/ Cisco/Andriod VPN client support **IKEv2 Support** SSL client for Windows and configuration download via user portal Enforcement of TLS 1.2 for SSL site-to-site and remote access VPN tunnels **Sophos Connect VPN Client** IPSec and SSL support Easy provisioning and deployment Free (unlimited SSL remote access licenses included at no extra charge) Authentication: Pre-Shared Key (PSK), PKI (X.509), Token and XAUTH Enables Synchronized Security and Security Heartbeat for remote connected users Intelligent split-tunneling for optimum traffic routing NAT-traversal support Client-monitor for graphical overview of connection status Mac and Windows Support Remote access IPSec policy provisioning with Sophos Connect v2.1 Group support for Sophos Connect which enables imports from AD/LDAP etc.

k Protection Subscription	
	Intrusion Prevention (IPS)
	High-performance, next-gen IPS deep packet inspection engine with
	selective IPS patterns that can be applied on a firewall rule basis for maximum performance and protection
	Zero-day threat protection
	·
	Perimeter Defenses
	Thousands of signatures
	Granular category selection
	Support for custom IPS signatures
	IPS Policy Smart Filters enable dynamic policies that automatically update as new patterns are added
	ATP and Security Heartbeat
	Advanced Threat Protection (detect and block network traffic attempting to contact command and control servers using multi-layered DNS, AFC, and firewall)
	Sophos Security Heartbeat instantly identifies compromised endpoints including the host, user,
	process, incident count, and time of compromise
	Sophos Security Heartbeat policies can limit access to network resources or completely isolate
	compromised systems until they are cleaned
	Lateral Movement Protection further isolates compromised systems by
	having healthy Sophos
	-managed endpoints reject all traffic from unhealthy endpoints preventing
	the movement of threats even on the same broadcast domain
	Intelligent firewall policies
	Multi-layered, call-home protection
	SD-Remote Ethernet Device Management
	Zero-touch deployment auto-provisioning SD-WAN edge device
	Central management of all SD-RED devices
	No configuration: Automatically connects through a cloud-based provisioning service
	Enterprise-grade encryption
	Split tunnel options
	Secure encrypted tunnel using digital X.509 certificates and AES 256-bit encryption
	Virtual Ethernet for reliable transfer of all traffic between locations
	IP address management with centrally defined DHCP and DNS Server configuration
	Remotely de-authorize RED device after a select period of inactivity
	Compression of tunnel traffic

	VLAN port configuration options
	Integrated wireless options
	Ultra affordable
	Clientless VPN
	Unique encrypted HTML5 self-service portal with support for RDP, HTTP, HTTPS, SSH, Telnet, and VNC
Web Protection Subscription	
•	Web Protection and Control
	Fully transparent proxy for anti-malware and web-filtering
	Enhanced Advanced Threat Protection
	URL Filter database with millions of sites across 92 categories backed by OEMLabs
	Surfing quota time policies per user/group
	Access time polices per user/group
	Malware scanning: block all forms of viruses, web malware, trojans and spyware on HTTP/S, FTP and web-based email
	Advanced web malware protection with JavaScript emulation
	Live Protection real-time in-the-cloud lookups for the latest threat intelligence
	Second independent malware detection engine (Avira) for dual-scanning
	Real-time or batch mode scanning
	Pharming Protection
	HTTP and HTTPS scanning on a per user or network policy basis with customizable rules and exceptions
	SSL protocol tunnelling detection and enforcment
	Certificate validation
	High performance web content caching
	Forced caching for Sophos Endpoint updates
	File type filtering by mime-type, extension and active content types (e.g. Activex, applets, cookies, etc.)
	YouTube for Schools enforcement per policy (user/group)
	SafeSearch enforcement (DNS-based) for major search engines per policy (user/group)
	Web keyword monitoring and enforcement to log, report or block web content matching keyword lists with the option to upload customs lists
	Block Potentially Unwanted Applications (PUAs)
	Web policy override option for teachers or staff to temporarily allow access to blocked sites or categories that are fully customizable and manageable by select users
	User/Group policy enforcement on Google Chromebooks

Auto web-filtering of Internet Watch Foundation (IWF) identified sites containing child sexual abuse **Cloud Application Visibility** Control Center widget displays amount of data uploaded and downloaded to cloud applications categorized as new, sanctioned, unsanctioned or tolerated Discover Shadow IT at a glance Drill down to obtain details on users, traffic, and data One-click access to traffic shaping policies Filter cloud application usage by category or volume Detailed customizable cloud application usage report for full historical reporting **Application Protection and Control** Synchronized App Control to automatically, identify, classify, and control all unknown Windows and Mac applications on the network by sharing information between managed endpoints and the firewall Signature-based application control with patterns for thousands of applications Cloud Application Visibility and Control to discover Shadow IT App Control Smart Filters that enable dynamic policies which automatically update as new patterns are added Micro app discovery and control Application control based on category, characteristics (e.g., bandwidth and productivity consuming), technology (e.g. P2P), and risk level Per-user or network rule application control policy enforcement Web & App Traffic Shaping Custom traffic shaping (QoS) options by web category or application to limit or guarantee upload/download or total traffic priority and bitrate individually or shared **Zero-Day Protection Subscription Dynamic Sandbox Analysis** Full integration into your security solution dashboard Inspects executables and documents containing executable content (including .exe, .com, and .dll, .doc, .docx, docm, and .rtf and PDF) and archives containing any of the file types listed above (including ZIP, BZIP, GZIP, RAR, TAR, LHA/LZH, 7Z, Microsoft Cabinet) Aggressive behavioral, network, and memory analysis Detects sandbox evasion behavior Machine Learning technology with Deep Learning scans all dropped executable files

Ce	entral Orchestration *Expected soon	

Includes exploit prevention and Cryptoguard Protection technology from endpoint security

In-depth malicious file reports and dashboard file release capability

Optional data center selection and flexible user and group policy options on file type, exclusions, and actions on analysis

Supports one-time download links

Deep learning static file analysis

Multiple Machine Learning Models

Dynamic sandboxing analysis

Suspicious files subjected to threat intelligence analysis in parallel with full sandbox analysis

Threat Intelligence Analysis

All files containing active code downloaded via the web or coming into the firewall as email attachments such as executables and documents containing executable content (including .exe, .com, and .dll, .doc, .docx, docm, and .rtf and PDF) and archives containing any of the file types listed above (including ZIP, BZIP, GZIP, RAR, TAR, LHA/LZH, 7Z, Microsoft Cabinet) are automatically sent for Threat Intelligence Analysis

Files are checked against OEMLabs' massive threat intelligence database and subjected to multiple machine learning models to identify new and unknown malware

Extensive reporting includes a dashboard widget for analyzed files, a detailed list of the files that have been analyzed and the analysis results, and a detailed report outlining the outcome of each machine learning model.

Static and Dynamic files analysis

SD-WAN Orchestration

SD-WAN and VPN orchestration with easy and automated wizard-based creation of site-to-site VPN tunnels between network locations using an optimal architecture (hub-and-spoke, full mesh, or some combination). Supports IPSec, SSL or RED VPN tunnels. Integrates seamlessly with SD-WAN features for application prioritization, routing optimization, and leveraging multiple WAN links for resiliency and performance.

Central Firewall Reporting Advanced

30-days of cloud data storage for historical firewall reporting with advanced features to

save, schedule and export custom reports.

XDR and MTR Connector

Ready to integrate with Sophos Extended Threat Detection and Response (XDR) for crossproduct threat hunting and analysis

Support for Sophos 24/7 Managed Threat Response (MTR) service

Email Protection Features

OPTIONAL SUBSCRIPTION (ADD-ON)

Email Protection and Control (ADD-ON)

Full MTA store and forward support

E-mail scanning with SMTP, POP3, and IMAP support

Reputation service with spam outbreak monitoring based on patented Recurrent-Pattern-Detection technology

Block spam and malware during the SMTP transaction

DKIM and BATV anti-spam protection

Spam greylisting and Sender Policy Framework (SPF) protection

Recipient verification for mistyped email addresses

Second independent malware detection engine (Avira) for dual-scanning

Live Protection real-time in-the-cloud lookups for the latest threat intelligence

Live Anti-spam

Automatic signature and pattern updates

Smart host support for outbound relays

File-Type detection/blocking/scanning of attachments

Accept, reject or drop over-sized messages

Detects phishing URLs within e-mails

Use pre-defined content scanning rules or create your own custom rules based on a variety of criteria with granular policy options and exceptions

TLS Encryption support for SMTP, POP and IMAP

Append signature automatically to all outbound messages

Email archiver

Individual user-based block and allow sender lists maintained through the user portal

Email Quarantine Management

Spam quarantine digest and notifications options

Malware and spam quarantines with search and filter options by date, sender, recipient, subject, and reason with option to release and delete messages

Self-serve user portal for viewing and releasing quarantined messages

Email Encryption and DLP

Patent-pending SPX encryption for one-way message encryption

Recipient self-registration SPX password management

Add attachments to SPX secure replies

Completely transparent, no additional software or client required

DLP engine with automatic scanning of emails and attachments for sensitive

Pre-packaged sensitive data type content control lists (CCLs) for PII, PCI, HIPAA, and more, maintained by OEMLabs

OPTIONAL SUBSCRIPTION (ADD-ON)

Reporting

Reverse pr	оху
URL harde	ning engine with deep-linking and directory traversal prevention
Form harde	ening engine
SQL injecti	on protection
Cross-site	scripting protection
	rus engines
HTTPS (TL	LS/SSL) encryption offloading
Cookie sigi	ning with digital signatures
Path-based	
Outlook an	ywhere protocol support
	uthentication (offloading) for form-based and basic authentication
for server a	
Virtual serv	ver and physical server abstraction
Integrated	load balancer spreads visitors across multiple servers
Skip individ	dual checks in a granular fashion as required
Match requ	lests from source networks or specified target URLs
Support for	r logical and/or operators
	npatibility with various configurations and non-standard
deploymen	
•	change Web Application Firewall performance parameters
Scan size I	•
	k IP ranges
	upport for server paths and domains
Automatica	ally append a prefix/suffix for authentication
Central Fig	rewall Reporting
	d reports with flexible customization options
	for Firewalls (hardware, software, virtual, and cloud)
	,
	er interface provides graphical representation of data
hours	shboard provides an at-a-glance view of events over the past 24
	tify network activities, trends, and potential attacks
	up of logs with quick retrieval for audit needs
	deployment without the need for technical expertise
	• •
	tom reports with powerful visualization tools
Sysiog sea	arch and view
Cuala (
	a storage in Sophos Central d reporting in Sophos Central

Warranty and Support

New	Cloud	Application	(CASE	report
110	Cloud	Abblication	ICAGD	HEDUIL

No extra charge

Central Firewall Reporting Advanced

Multi-firewall aggregate reporting

Save custom report templates

Scheduled reporting

Export reports in PDF, CFV or HTML format

Up to 1 year data storage per firewall

XDR/MTR connector

Syslog search and view

Syslog data storage in Sophos Central

On-demand reporting in Sophos Central

Report across multiple firewalls

Save, export, and schedule your reports

On-Box Reporting

No extra charge

Hundreds of on-box reports with custom report options: Dashboards (Traffic, Security, and User Threat Quotient), Applications (App Risk, Blocked Apps, Synchronized Apps, Search Engines, Web Servers, Web Keyword Match, FTP), Network and Threats (IPS, ATP, Wireless, Security Heartbeat, Sandstorm), VPN, Email, Compliance (HIPAA, GLBA, SOX, FISMA, PCI, NERC CIP v3, CIPA)

Built-in storage on XGS Series for unlimited log data storage for historical reporting

Current Activity Monitoring: system health, live users, IPSec connections, remote users, live connections, wireless clients, quarantine, and DoS attacks

Report anonymization

Report scheduling to multiple recipients by report group with flexible frequency options

Export reports as HTML, PDF, Excel (XLS)

Report bookmarks

Log retention customization by category

Syslog Support

Full-featured Live Log Viewer with column view and detailed view with powerful filter and search options, hyperlinked rule ID, and data view customization

Hardware warranty & RMA with Advanced Exchange

24x7 Enhanced Plus International Support via Telephone & Email with Remote Consultation from STSE (up to 4 hrs)

	FREE Security Updates & Patches
	FREE Software Features Updates & Upgrades
Security Subscriptions - Xstream Protection Bundle	
	Xstream Protection Bundle Includes :
<u>e</u>	Base License: Networking, Wireless, Xstream Architecture, Unlimited Remote Access VPN, Site-to-Site VPN, reporting
Protection	Network Protection: Xstream TLS and DPI engine, IPS, ATP, Security Heartbeat, SD-RED VPN, reporting
	Web Protection: Xstream TLS and DPI engine, Web Security and Control, Application Control, reporting
Xstream	Zero-Day Protection: Machine Learning and Sandboxing File Analysis, reporting
Xst	Central Orchestration: SD-WAN VPN Orchestration, Central Firewall Advanced Reporting (30-days), MTR/XDR ready
	Enhanced Support: 24/7 support, feature updates, advanced replacement hardware warranty for term
Additional Protection Modules	
W W PE	Email Protection: On-box antispam, AV, DLP, encryption
Anti-Spam & WAF	Web Server Protection: Web Application Firewall
Additional Support Options	
Enhanced Plus Support	Enhanced Plus Support Upgrade: Upgrade your support with VIP support, HW warranty for add-ons, TAM option (extra cost)
	Sophos Central Management : Group firewall management, backup management, firmware update scheduling Sophos Central Firewall Reporting: Prepackaged and custom report tools with seven days cloud storage for no extra charge

Additional Protection Services, Products and Modules Services Opposite Opposite Opposite Additional Protection Services, Products and Modules	Managed Threat Response: 24/7 threat hunting, detection and response delivered by an expert team Sophos Intercept X Endpoint with XDR: Sophos Central managed next-gen endpoint protection with EDR
	ZTNA: Sophos Central managed Zero Trust Network Access Central Email Advanced: Sophos Central managed antispam, AV, DLP, encryption
	License ID
	Manufacturer's authorization form Warranty agreement form Sophos Silver Partner or Higher
	One year license (02 September 2022 - 02 September 2023)