

TERMS OF REFERENCE

Firewall Upgrade

I. OBJECTIVE

The project aims to upgrade SBC's existing Sophos Firewall appliances to better address and keep up with ever-evolving IT Security threats, as well as implement a Firewall redundancy system at the Head Office.

II. SCOPE OF WORK

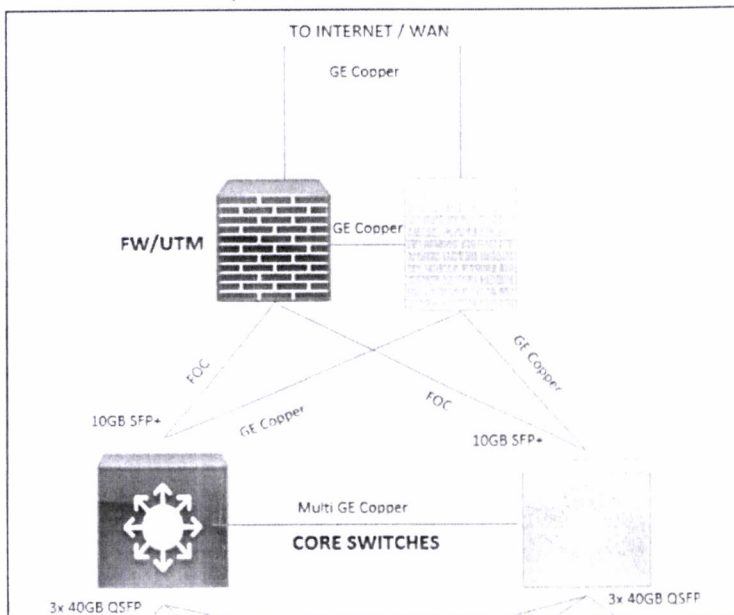
The project calls for the supply, delivery, installation, configuration, testing and commissioning of two (2) units Head Office Firewall and two (2) units Branch Firewall, as well as the purchase and supply of necessary licenses for each of the appliances and all required accessories for the implementation of the project as indicated in IV. *Network Diagram*.

III. TECHNICAL SPECIFICATIONS

HEAD OFFICE MAIN FIREWALL (one unit)	Sophos XGS 3300
	1 RU
	Rackmount kit /Rack mounting hardware
	FW Throughput: 40Gbps
	Dual Processor
	IPsec Throughput: 6.5Gbps
	Threat Protection Throughput: 2.7Gbps
	SSL/TLS Throughput: 3Gbps
	4x 10GE SFP+ Port Module
	4x 10GB SFP+ Transceivers
	8x GE Copper built-in ports
	Dual Power Supply
	Management and console ports
Certifications: UL, FCC	
At least five-year equipment warranty	
HEAD OFFICE BACKUP FIREWALL (one unit)	Sophos XGS 3300
	1 RU
	Rackmount kit /Rack mounting hardware
	FW Throughput: 40Gbps
	Dual Processor
	IPsec Throughput: 6.5Gbps
	Threat Protection Throughput: 2.7Gbps
	SSL/TLS Throughput: 3Gbps
	8x GE Copper built-in ports
	Dual Power Supply
	Management and console ports
	Certifications: UL, FCC
	At least five-year equipment warranty
PROTECTION/LICENSES FOR HEAD OFFICE MAIN AND BACKUP FIREWALLS (minimum one year)	Sophos Xstream Protection
	Networking, Wireless, Remote Access VPN, Site-to-Site VPN
	TLS and DPI Engine, IPS, ATP, SD-VPN
	Web Security and Control, Application Control

	<i>Machine Learning and Sandboxing File Analysis</i> <i>SD-WAN VPN</i> <i>Reporting</i> <i>Centralized Firewall Management</i> <i>Email Protection: Anti-spam, Anti-spyware, Anti-Phishing, Anti-virus, DLP, encryption</i> <i>Web Server Protection/Web Application Firewall</i> <i>24x7 Technical Support</i>
BRANCH FIREWALL (Two units)	<i>Sophos XGS 136</i> <i>Rack-Mountable</i> <i>Rackmount kit /Rack mounting hardware</i> <i>FW Throughput: 11Gbps</i> <i>Dual Processor</i> <i>IPsec VPN Throughput: 2.5Gbps</i> <i>Threat Protection Throughput: 1Gbps</i> <i>SSL/TLS Throughput: 950Mbps</i> <i>IPS Throughput: 3.3Gbps</i> <i>8x GE Copper built-in ports</i> <i>Dual Power Supply</i> <i>Management and console ports</i> <i>Certifications: UL, FCC</i> <i>At least five-year equipment warranty</i>
PROTECTION/LICENSES FOR BRANCH FIREWALL (minimum one year)	<i>Sophos Standard Protection</i> <i>Networking, Wireless, Remote Access VPN, Site-to-Site VPN</i> <i>TLS and DPI Engine, IPS, ATP, SD-VPN</i> <i>Web Security and Control, Application Control</i> <i>Reporting</i> <i>24x7 Technical Support</i>
OTHER REQUIREMENT/S	<i>All products being offered must be certified or recognized as environment-friendly or as a "Green" product by at least one (1) globally recognized organization or certifying body.</i> <i>Equipment warranty certificate issued by the Original Equipment Manufacturer and duly signed by the Philippine Country Manager.</i> <i>At least one (1) day onsite comprehensive training.</i>

IV. NETWORK DIAGRAM, HEAD OFFICE



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V. PROJECT COST

The maximum budget for the project is Two Million Five Hundred Fifty Thousand Pesos (PhP2,550,000.00), inclusive of all licenses and applicable taxes.

VI. IMPLEMENTATION

The project must be implemented, completed, commissioned and turned over to SBC IT Group within ninety (90) calendar days upon release of Notice to Proceed (NTP).

VII. ELIGIBILITY REQUIREMENTS

Supplier-Bidder must have had implemented at least three (3) similar projects in the last five (5) years. Supplier-Bidder must submit supporting documents such as, but not limited to, certification from the client company or organization.

Supplier-Bidder must be an authorized Platinum-Level Partner (or its equivalent), and authorized Reseller/Value-Added Reseller of the brand it is offering. Supplier-Bidder must submit supporting documents such as, but not limited to, certification from the original equipment manufacturer.

Supplier-Bidder must have at least two (2) active and currently employed Engineers duly certified by the Original Equipment Manufacturer. Supplier-Bidder must submit supporting documents such as, but not limited to, actual Certificate issued to respective engineers.

Supplier-Bidder must have a physical office or offices in the Philippines. Supplier-Bidder must submit supporting documents such as, but not limited to, valid business permit from the Local Government Unit (LGU) where its office is located.

