



Request for Quotation (RFQ)

Date: August 22, 2022
 Quotation No. RFQ2022-08-119 GAA

REQUISITIONING OFFICE/END USER	CHED-LEB
APPROVED BUDGET FOR THE CONTRACT (ABC)	Nine Hundred Ninety Nine Thousand Nine Hundred Pesos (P999,900.00)
FUNDING SOURCE	GAA FUNDED
COMPANY NAME: ADDRESS: TEL NO. / FAX NO: CONTACT PERSON:	
<p>Please quote your lowest government price inclusive of VAT on the item/s listed below, subject to the Terms and Conditions of this RFQ, and submit your SEALED quotation duly signed by your representative not later than August 30, 2022 at 10:00 AM at the Bids and Awards Committee, G/F Higher Education Development Center (HEDC) Bldg., C.P. Garcia Avenue, U.P. Diliman, Quezon City. For more information please call the BAC Secretariat at telephone no: 8441-1171/8441-8910.</p>	

TERMS AND CONDITIONS:

1. All Entries must be typewritten or legibly written.
2. Provide or fill in all information required in this form.
3. **For Column D**, please indicate “**Comply**” or “**Not Comply**” for every numbered item under **technical specifications**.
4. Delivery Period within **60 days** upon receipt of the approved funded Catering Agreement/Purchase Order/Job Order Contract/Contract, whichever is applicable.
5. Statement of Compliance (RFQ Form) must be accomplished and duly signed by the bidder or authorized representative.
6. Price validity shall be for a period of sixty (60) calendar days.
7. The mode of payment is through send bill arrangement.
8. Prices should be inclusive of VAT and other government taxes.
9. Supplier must have a Bank Account for the payment.
10. **Supplier shall submit together with the RFQ the following:**
 - 6.1 **PhilGEPS Registration No./Organization No.**
 - 6.2 **Mayor’s/Business Permit (Complete Set)**
 - 6.3 **Omnibus Sworn Statement (Amended per GPPB Resolution No. 16-2020, dated 16 September 2020)**
 - 6.4 **Income/Business Tax Returns (2021) duly acknowledged/machine validated by Bureau of Internal Revenue (BIR)**

A	B	C	D	E	F
Unit	ITEMS AND DESCRIPTION	QTY	Statement of Compliance (State “Comply” or “Not Comply”)	UNIT PRICE	TOTAL AMOUNT
Lot	Supply, Delivery, Installation and Configuration of Network Infrastructure for the Legal Education Board				

	Technical Specification:				
	<p style="text-align: center;">1. NGFW/FIREWALL</p> <p style="text-align: center;">Qty: 1</p> <p>Hardware Specifications</p> <p>At least two (2) Gigabit Ethernet WAN Ports & one (1) DMZ port</p> <p>At least one (1) Gigabit Ethernet Management Port and two (2) Gigabit Ethernet High Availability Port</p> <p>At least a total of twelve (12) Gigabit Ports, two (2) 10G SFP+ ports, & four (4) Gigabit SFP Ports</p> <p>At least one (1) USB port and one (1) RJ45 Console Port</p> <p>Has a local storage of at least 480 GB SSD</p> <p>Has a dedicated CPU with Content & Network Processors</p> <p>Must have dual AC power supply for resiliency</p> <p>System Specifications</p> <p>Has at least a NGFW throughput of 1.6 Gbps</p> <p>Has at least a UTM throughput of 1 Gbps</p> <p>Must have a firewall throughput of 10 Gbps for 64 bytes UDP packets</p> <p>Must have at least 14.1 Mpps of firewall throughput</p> <p>Must be capable of enforcing at least 9,800 security policies</p>				

	<p>Must be capable of handling at least 1.2 million concurrent TCP sessions</p> <p>Must be capable of handling at least 10.2 Gbps of 512 byte of IPSec VPN throughput</p> <p>Must be capable of handling at least 970 Mbps of SSL-VPN throughput</p> <p>NGFW must be capable of dividing at least up to ten (10) virtual units that can function independently</p> <p>Security OS Specifications</p> <p>Must support central management by on-premise or cloud-based central management</p> <p>Must be capable of provisioning via an install wizard, via USB auto-install, and local & remote script execution</p> <p>Must support user authentication by local & remote authentication by LDAP, Radius, Two-Factor, Single Sign On (Windows/Novell), & TACAS+</p> <p>Must support Administrator authentication via local & remote authentication by LDAP, Radius, PKI Certificate & TACAS+</p> <p>Security OS can act as a Wireless & Switch Controller</p> <p>Must be capable of access by HTTPS via web browser, CLI via SSH, Telnet, Direct Console & CLI via GUI</p> <p>Must be capable of configuration backup via PC, USB, FTP & TFTP</p>				
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	<p>Unified Threat Protection</p> <p>Must be capable of blocking Botnets via global reputation database</p> <p>Must be capable of content disarm and reconstruction via AV Engine</p> <p>IPS engine must have at least 6000+ up to date signatures, protocol anomaly detection, custom signatures & threat encyclopedia integration</p> <p>Must be capable of detecting applications and must be capable of having at least eighteen (18) application categories that includes Web Chat & Industrial categories</p> <p>Must be capable of custom application signature support</p> <p>URL filtering engine must be capable of having real-time category database & manual defined database</p> <p>NGFW must be capable of operating in NAT/Route and Transparent Mode</p> <p>Email filtering engine must support Anti-Spam database query and local spam filtering query</p> <p>Networking</p> <p>Must support Static & Policy based routing</p> <p>Must support routing protocols such as RIPv1 & v2, OSPF v2 & v3, ISIS & BGP4</p> <p>Must be capable of NAT an4d must support NAT64 Static & Dynamic NAT, PAT</p>				
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	<p>Must support WAN Load balancing and Link Failover</p> <p>Must support Traffic shaping & QoS of security policies</p> <p>Must support IPv6 management, IPv6 routing</p> <p>Must support built-in DHCP server, NTP, DNS server and DNS proxy</p> <p>UTM Licensing must come with one (1) year subscription</p>				
	<p style="text-align: center;">2. CORE SWITCH</p> <p style="text-align: center;">Qty: 1</p> <p>Hardware Specifications</p> <p>Fixed forty-eight (48) GbE RJ45 PoE/PoE+ Ports</p> <p>Fixed four (4) 10GE SFP+ Port</p> <p>Must have one (1) RJ45 Management Port</p> <p>Must have one (1) RJ45 & one (1) Mini-USB Console Port</p> <p>Must have one (1) USB 2.0 Port</p> <p>Must have Dual Core 1.0Ghz CPU</p> <p>Must have 8MB BootROM Memory</p> <p>Must have 512MB Flash Memory</p> <p>Must have 1GB SDRAM</p> <p>Must be dual power supply</p> <p>Performance</p> <p>Must have a switching capacity from 598Gbps to 5.98Tbps</p>				

	<p>Must have a forwarding rate of 132Mpps</p> <p>Must have a MAC table of 64000 entries and ARP Table of 20,000 entries</p> <p>Must support Jumbo Frame 9216 Byte and Packet Buffer of 32 Mbit</p> <p>Features</p> <p>Must support Full-duplex, Half-duplex, Auto negotiation, Flow control, Link aggregation (IEEE802.3ad, LACP, maximum 8 member ports per AP), 2048 maximum aggregation ports, Load balancing, Broadcast storm control</p> <p>Must support IEEE802.1Q, 4094 VLAN ID, 4094 VLAN interface, Access mode, Trunk mode, Hybrid Mode</p> <p>Must support Automatic learning and aging of MAC addresses and ARP</p> <p>Must support STP(IEEE802.1D), RSTP(IEEE802.1w), MSTP(IEEE802.1s), 64 MST instances, Port Fast, BPDU guard, BPDU filter, TC guard, TC filter, Root guard, Auto edge, BPDU transparent transmission, BPDU tunnel, VLAN Specific Spanning Tree (VSST, working with PVST, PVST+ and RPVST)</p> <p>Must Support ERPS; G.8032 v1/v2, Single-ring, Tangent-ring, Intersecting-ring, Load balancing</p> <p>Must support QinQ VLAN</p> <p>Must support IGMP & MLD</p>				
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	<p>Must support IPv4 static routing, RIPv1/v2, OSPFv2, BGP4, MBGP, IS-IS, PBR, VRF, ECMP, WCMP, Routing policies, 12000 IPv4 routing table</p> <p>IPv6 unicast routing, IPv6 static routing, RIPng, OSPFv3, BGP4+, IS-ISv6, PBRv6, VRFv6, Packet-based load balancing and flow-based load balancing, 6000 IPv6 routing table</p> <p>Must support BFD, DLDP, LLDP, RLDP, VSU (Virtual Switch Unit) stacked members, VRRP, REUP</p> <p>Must support QoS & ACL</p> <p>Must support ARP security, CPP (CPU Protection Policy), NFPP (Network Foundation Protection Policy), IP source guard, DHCP snooping</p> <p>Must Support DHCP Server, DHCP Client, DHCP Relay</p> <p>Must support authentication via Local, RADIUS, TACACS+, IEEE802.1X</p> <p>Must support configuration via CLI, Console, Telnet, SSH, SCP, SNMP, Web-based UI, Cloud management, Multiple boot configuration, Multiple firmware configurations</p> <p>Must support management protocols via sFlow, OpenFlow, Port Mirroring (SPAN, RSPAN, ERSPAN)</p>				
	<p style="text-align: center;">3. ACCESS POINTS</p> <p style="text-align: center;">Qty: 10</p> <p>Hardware Specifications</p> <p>Must support a minimum of Dual Band Radio</p>				

	<p>Must support a minimum of 802.11a/b/g/n/ac Protocol</p> <p>Must have built-in Omni-Directional Antenna</p> <p>Must support a minimum throughput of 300Mbps for 2.4G, 800Mbps for 5G, and 1100Mbps total for the AP</p> <p>Must have a minimum Modulation support for OFDM, DSSS, & MIMO-OFDM</p> <p>Must have a minimum of 2x2 Spatial Streams and 100mW of Transmit Power</p> <p>Must have an IP41 Rating</p> <p>Must have a minimum of 1 Gigabit Ethernet Port with PoE Support & 1 console port</p> <p>System Performance</p> <p>Can support a minimum of 256 Clients per AP & BSSID Capacity of 32</p> <p>Supports Remote Intelligent Perception Technology</p> <p>Supports Intelligent Load balancing, STA & Bandwidth Control, and Band Steering</p> <p>Must support PSK, Web, 802.1x, PPSK, & PEAP Authentication</p> <p>Must have minimum support of the following Data Encryption (WPA-TKIP, WPA2-AES, WPA-PSK, and WEP 64 & 128 Bits</p> <p>Must have the following security features; User Isolation, Rogue AP Detection, Wireless Intrusion Detection System, Wireless Intrusion Prevention System, and RADIUS support</p>				
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	Supports IPv4 & IPv6 Addressing Can be managed via Cloud or Network Management (SNMP, Telnet, TFTP, WEB)				
	4. Scope of Works Bidder must install & Configure the NGFW, Network Switches, & Wireless AP Bidder must include cabling works for the Network Switch and Wireless AP				
	5. Installation and Consumable Delivery Period within 60 days upon receipt of the approved funded Purchase / Job order				
	6. One year warranty on parts and equipment				
	7. Payment Terms: Full payment 30 to 45 days upon delivery and completion.				
	8. Prices should be inclusive of VAT and other government charges.				
	PLEASE DOWNLOAD THE ATTACHED ASSOCIATED COMPONENT (REQUEST FOR QUOTATION FORM)				

Request for Quotation No. **RFQ2022-08-119 GAA**

After having carefully read and accepted your General Conditions, I/We quote you on the item/s at prices note above.

Signature over Printed Name / Date

Quotations shall be compared and evaluated on the basis of the following criteria:

1. Completeness of submission
2. Compliance with Technical Specifications
3. Price

The supplier who submitted the lowest calculated responsive quotation shall be awarded the Purchase Order (P.O.) after evaluation by the Bids and Awards Committee (BAC).

PhilGEPS INFORMATION:

PhilGEPS Solicitation No. **RFQ2022-08-119 GAA**

Reference No.

Published Date: **August 22, 2022**

Closing Date: **August 30, 2022 –10:00 AM**