

ne of Company: _



REQUEST FOR QUOTATION

Date:	July	20,	2022
RFQ N	0.: 2	022	-217

siness Permit No.:									
Please quote your best offer for the item/s described below ne dorsal portion of this request for quotation. Submit your quotative not later than	, subject to the Terms and Conditions provided lotation duly signed by you or your duly authorized				RAYR. ELEVAZO, CESE, MNSA Charman, Bids & Awards Committee				
After having carefully read and accepted the Terms and C	onditions, I/we su	ubmit our quotation/s for			3				
item/s as follows:				PRICE		OFFER	with Technical	REMARKS	
ITEM DESCRIPTION	Quantity (QTY)	Approved Budget for the Contract		PRICE Compliance with Technical Specifications (please check)		ons (please			
URPOSE: For Official Use of CDA ead Office - ICTD		935,000.00	QTY	Unit Price	Total Price	Yes	No		
LOT SUPPLY AND DELIVERY OF 1 YEAR JBSCRIPTION OF FIREWALL BUNDLED WITH ND-POINT SECURITY SOLUTION CHNICAL SPECIFICATIONS:	1 lot	935,000.00							
FIREWALL									
1. Inclusion of 1 Firewall License									
2. Hardware Specifications									
2.1. Performance;									
2.1.1. Firewall throughput: 40,000 Mbps									
2.1.2. Firewall IMIX: 24,500 Mbps						1			
2.1.3. Firewall Latency (64 byte UDP): 4 µs									
2.1.4. IPS throughput: 13,440 Mbps									
2.1.5. Threat Protection throughput: 2,770 Mbps									
.2.1.6. Concurrent connections: 13,700,000									
.2.1.7. New connections/sec: 257,800									
.2.1.8. IPsec VPN throughput: 6,500 Mbps									
2.1.9. Xstream SSL/TLS Inspection: 3,130 Mbps									
.2.1.10. Xstream SSL/TLS Concurrent connections: 102,400									
.2.2. Physical interfaces; .2.2.1. Storage (local quarantine/logs):Integrated min. 240 GE iATA-III SSD .2.2. Ethernet interfaces(fixed): 8 x GE copper, 2 x SFP ber*, 2 x SFP+10 GbE fiber*	3								
.2.2.3. Bypass port pairs: 1									
.2.2.4. Flexi Port modules: (optional) 8 port GbE copper, 8 ort GbE SFP fiber, 4 port 10 GbE SFP+ fiber, 4 port GbE copper bypass (2 pairs), 4 port GbE copper PoE +, 4 port GbE copper, 4 port 2.5 GbE copper PoE	:								
.2.2.5. Max. total port density (incl. use of modules): 20									
.2.2.6. Max. Power-over-Ethernet (using Flexi Port module): nodule: 4	1								
.2.2.7. Optional add-on connectivity: SFP DSL module VDSL2) SFP/SFP+									
.2.2.8. Display: Multi-function LCD module									
.2.3. Physical specifications;		1				-			
I.2.3.1. Mounting: 1U rackmount(2 rackmount ears included)									
I.2.3.2. Dimensions Width x Height x Depth: 438 x 44 x 405 nm									
I.2.3.3. Weight: 4.7 kg/10.36 lbs (unpacked) 7 kg/15.43 lbs packed)									
.2.4. Environment;						-			
.2.4.1. Power supply: Internal auto-ranging DC100-240VAC, 3-6A@50-60, Hz External Redundant PSU Option									

- 4.2. Power consumption 3100: 50 W/170.77 BTU/hr (idle), 0: 50 W/170.77 BTU/hr (idle), 3100: 182 W/621.97 J/hr (max.), 3300: 201 W/686.68 BTU/hr (max.)
 4.2. PoE addition enabled: 76 W/260 BTU/hr (max.)
 4.3. @perating temperature 0°C to 0°C (operating) -20°C to 1°C (storage) Humidity 10% to 90%, non-condensing
 5. Product Certifications;
 5.1. Certifications: CB, CE, UL, FCC, ISED, VCCI, C*, KC, BSMI*, RCM, NOM, Anatel*
- . Base Firewall Features
- .1. General Management
- .2. Zone-based Firewall Features
- .3. Firewall, Networking and Routing
- .4. Base Traffic Shaping Quotas
- .5. Secure Wireless
- .6. Authentication
- 1.7. User Self Service Portal
- I.8. Base VPN Options
- 3.9. Single IPsec and SSL VPN client software

I. Network Protection Features

- 1.1. Intrusion Prevention (IPS);
- 1.2. Advanced Threat Protection and Security Heart Beat
- 4.4. Remote Ethernet Device (RED) VPN
- 4.4. Clientless VPN;

5. Web Protection Subscription

- 5.1. Web Protection and Control;
- 5.2. Cloud Application Visibity
- 5.3. Application Protection and Control
- 5.2. Web and App Traffic Shaping
- 5.3. Second independent malware detection engine (Avira)

6. Zero-Day Protection Subscription

- 6.1. Dynamic Sandbox Analysis;
- 6.2. Threat Intelligence Analysis;

7. Reporting

- .7.1. Central Firewall Reporting;
- .7.2. Central Firewall Reporting Advanced;

.8. Warranty and Support;

- .8.1. 1 Year Warranty
- .8.2. Regular daily pattern updates and firmware updates ithin the subscription period.
- 8.3. Includes 8 x 5 Technical Support Service within the ubscription period
- .8.4. Includes 24 X 7 Technical Support Service via remote ccess assistance through web, phone, email and vpn access
- .8.5. Within (2) hours response time for email support ssistance.
- .8.6. Hardware replacement or service unit with the same or igher model shall be provided within 4 hours should the quipment encounter hardware failure
- .8.7. The Supplier should have at least (3) certified engineers or the product
- .8.8. The Supplier should be an authorized MSP partner for ne product
- .8.9. The Supplier Should be an MSP Platinum Partner for he product

. END-POINT SOLUTION / ANTIVIRUS

- .1. Number of License:
- 1.1.1. Inclusion of 200 End-point/Antivirus Licenses
- .2. Licenses of Endpoint Security for workstation Has ollowing Features:
- ..2.1. Web Security
- .2.2. Download Reputation
- 1.2.3. Web Control / Category-based URL Blocking
- !.2.4. Device Control (e.g., USB)
- .2.5. Application Control
- .2.6. Anti-Malware File Scanning
- .2.7. Live Protection

8. Pre-execution Behavior Analysis (HIPS) 9. Potentially Unwanted Application (PUA) Blocking .10. Exploit Prevention .11. Runtime Behavior Analysis (HIPS) .12. Malicious Traffic Detection (MTD) .13. Ransomware File Protection .14. Automated Malware Removal .15. Synchronized Security Heartbeat .16. Root Cause Analysis . Licenses of Endpoint Security for Server has the following tures: .1. Web Security .2. Download Reputation 3. Web Control / Category-based URL Blocking .4. Peripheral Control 5.5. Application Control I.6. Live Protection 1.7. Pre-execution Behavior Analysis (HIPS) 3.8. Potentially Unwanted Application (PUA) Blocking 3.9. Exploit Prevention 3.10. Runtime Behavior Analysis (HIPS) 3.11. Malicious Traffic Detection (MTD) 3.12. Ransomware File Protection 3.13. Automated Malware Removal 3.14. Synchronized Security Heartbeat 3 15 Anti-Malware File Scanning 3.16. Intrusion Prevention System (IPS) 3.17. Data Loss Prevention 3.18. Root Cause Analysis 3.19. Server Lockdown (Application Whitelisting) 3.20. Enhanced Application Lockdown 3.21. File Integrity Monitoring 4. Warranty and Support; 4.1.1 Year Warranty 4.2. Regular daily pattern updates and firmware updates within e subscription period. 4.3. Includes 8 x 5 Technical Support Service within the abscription period 4.4. Includes 24 X 7 Technical Support Service via remote access ssistance through web, phone, email and vpn access .4.5. Within (2) hours response time for email support assistance. .4.6. Hardware replacement or service unit with the same or higher nodel shall be provided within 4 hours should the equipment ncounter hardware failure .4.7. The Supplier should have at least (3) certified engineers for 4.8. The Supplier should be an authorized MSP partner for the roduct .4.9. The Supplier Should be an MSP Platinum Partner for the roduct . L3 Switch 'xLAN-Bridge 'xLAN-Route 'xLAN-EVPN rame Format: Ethernet II sigabit SFP Supporting 100M/1G Optical Compatibility 0G SFP+ Port Supporting Gigabit Fiber Module (including Gigabit FP and SFP-GT) Optical Module Message Display, Failure Alerts, Diagnosis 'arameters (QSFP+/SFP+/SFP) uper-Long Frame Forwarding low Control FEF802 1d STP EEE802.1w RSTP itandard 802.1s MSTP compatible with Cisco MSTP (Only specific versions can support tandard MSTP. For details, refer to relevant Cisco release notes.) ort Fast IPDU Filter IPDU Guard C Guard C. Filter dge Port Auto-Detection

```
protection
) Guard
Guard
Errdisable Recovery
I Balancing Method
:P Priority/Negotiation Mode /Maximum Number of Configurable
s for Aggregation
r-VSU AP
: Network Installation
adcast Storm Suppression
icast Storm Suppression
nown Unicast Suppression
ticast Bandwidth Suppression
ıy-to-One Mirroring
v-based Mirroring
+to-Many Mirroring
ss-device Mirroring in VSU for Box Switch
Port as Mirroring Source Port
N-based Mirroring
AN Filter Mirroring
PAN
SPAN
:he Adjustment
etion of VLAN1 on Trunk Port
t-based VLAN
C-based VLAN
per VLAN
vate VLAN
tocol-based VLAN
Subnet-based VLAN
RP
ice VLAN
rt-based Outer VID Selection (Basic QinQ)
ter VID selection based on user VID
ter Tag Priority based on Inner Tag Priority
iter VID Selection based on Flow Features
ier VID Revision based on Packet
r double-tagged frame, support revision of outer VID messages
sed on inner VID.
intinuous Inner VID Mapped to the Same Outer VID for
otimization
MP and QinQ Coexist
ith QinQ Access: Support VLAN-based IGMP Snooping
.AN Switching (1:1)
.AN Switching (1:N)
atic Address
dress Filtering
AC Address Control
ngle Directional Link Detection
ownlink Loop Detection
econdary Link Connection Test
.DP
.DP-MED
.DP-PoE
PDU Tunnel
AC Address Update
riority Mode (Bandwidth/Designation)
tersection Ring
angent Ring
pad Balancing
3MP Snooping V1/V2
ource Port Check
ource IP Check
VGL mode
/GL mode
3MP Filter
3MP Fast Leave
ILD Snooping
RP Entry Timeout
RP Proxy
ionflict Identification between Downlink User IP Addresses
Pv6 Expansion Option (Via software)
olicy Routing Packet Selection based on Visit Table
Packet DSCP Setting based on Policy-matching Routing Packet
lesignating Next-Hop for Routing Policy-matching Packet
nplementation of Policy Routing on Local Packet
folicy Routing Supporting Load Balancing
BR+Recursive Routing Supporting ECMP
olicy Routing Packet Selection based on Visit Table
lesignating Next-Hop for Routing Policy-matching Packet
mplementation of Policy Routing on Local Packet
olicy Routing Supporting Load Balancing
3MP V1, V2, V3
GMP Host Behavior
fember Enquiry and Response
∂uerier Election
3MP Proxy
fulticast Static Routing
```

MSDP	1
PIM-DM PIM-SM	
PIM-SSM	
PIM-DM v6	
PIM-SM v6 MLD	
MLD Proxy	
Static Black Hole Routing	
RIP RIPng	
OSPFv2	1
OSPFv3	
BGP4	
AS 32 BGP4+	
IS-ISv4	
IS-ISv6	
Multitopology Routing (MTR) Routing Policy	
IP Standard ACL	
MAC-based Extended ACL	
IP-based Extended ACL	
Expert ACL ACL80	
IPv6 ACL	
VLAN-based ACL	
L2 Port-Based (Physical Port/AP) Connection with ACL L3 Port-Based (SVI/ Routed Port/ L3 AP) Connection with Ingress ACL	
Physical Port-Based Interface/AP Connection with ACL (Not effective to broadcast packets if input ACL analog output)	
Physical Port-Based (Hardware Support) Interface/AP Connection with ACL	
L3 Port-Based (SVI/ Routed Port/ L3 AP) Connection with Egress ACL	
ACL Logging ACL Counter	1
ACL Remark	
Global ACL	
ACL Redirect 802.1p and DSCP Remark	
Output Queuing Based on 802.1p, DSCP, IP Precedence	
SP	
WRR	
SP+WRR Congestion Avoidance (Tail Drop)	
RED/WRED	
Input Rate Limit	
Global QoS Port-based Rate Limit (Input/Output)	
Supporting version (SNMPV1,V2c,V3)	
SNMP Supporting IPv6	
Implement restrictions on network management device interfaces. Only allow designated interfaces to receive network management	
operation instructions.	
Web Management	
Configurability Upon Unpacking HTTP V1.1	1
HTTPS	
Cloud Configuration	
Cloud Assistance	
Cloud Operation & Maintenance Cloud Diagnosis	
RMON (1, 2, 3, 9)	
sFlow	
Syslog/Debug Syslog Local Filter Out	
Log Storage on USB Drive	
External Flash Direction	
GRPC Frame Netconf Configuration	
Getting Device Information via GRPC	
Support 2 gRPC Servers Backing up Each Other	
Login Authentication (password, none)	
Enabling File Operation Privileges Setting for Users Username Supporting MD5 Encryption	
Static Password with Encrypted Transmission and Storage	
Password Expiry Detection and No. of Repeated Use Control	
Strong Password and Minimum Length Inspection RADIUS	
EXEC Authorization	
Designated Source IP	
Pv6 Authentication Solution RADIUS v6	
FACACS+	
Designated Source IP	
Pv6 Authentication Server Switching Via SNMP (Passthrough)	
Server Cluster Deployment	
SSHv1.5	

3Hv2.0 e Upload and Download for Devices Using SSH P File Transmission 2.1X ert Base AC Base mamic VLAN Assignment (Port-based) mamic VLAN Assignment (User-based, integrate with Mac-based _AN) marnic ACL Assignment (User-based) Jest VLAN strict VLAN J Auto Issue AB (MAC By-pass Authentication) ne Port Supporting Multiple MAB-Authenticated Users erver Failure Bypass Authentication apport Multiple Accounts Switching AB Auto Authentication obal 802.1X Control otection Port ort Security (IPv4+MAC Binding) upport IPv6+MAC Binding nti-ARP Spoofing upport Binding of Port Security IP + MAC HCP Snooping IP+MAC Data Binding nding of 802.1X IP + MAC Source Guard IP+MAC Data Binding ³ Source Guard ardware CPP rotection Against ARP rotection Against DHCP rotection Against ICMP rotection Against IP Scanning Attack rotection Against DHCP V6 rotection Against ND ustomized Protocols Against Attacks OS Protection rusted ARP RRP Double-Core Deployment inding of Port Security IP + MAC HCP Snooping IP+MAC Data Binding inding of 802.1X IP + MAC ³ Source Guard IP+MAC Data Binding D Snooping ecurity Channel Veb Portal Veb Portal V2.0 letting IP Range for Authentication-Exempted Network Resources letting IP Range for Authentication-Exempted Users ITTP Access ITTPS Access NS Client)ption82 Option82 rusted Port Deployment P, MAC Binding (IP Source Guard) linding to Logical Port (Physical Interface, AP) /LAN Binding HCP Server Option82 arge Address Pool HCP Address Pool Supports Alerts (Syslog) **OHCP Associates with VRRP** Option 138 Option 43 **OHCP Client** elnet FTP Server FTP Client -TP Server TP Client Client Server SNTP Vetconf OpenFlow Special 1.0 **OpenFlow Special 1.3** Setting Controller IP Address and Port Analysis on All Protocol-defined Traffic Tables Delivering Designated Packets to Controller nforming Controller of Any Port Status Changes **Multi-Controller Connection** DNS Client v6 OHCP Relay v6 OHCP v6 Snooping OHCP v6 Server **OHCP v6 Client** FTP Client v6 TP v6

ient v6 erver v6 RRP multaneously Enable SUPER VLAN Event Dampening PGR SPF GR -IS GR GP GR 3 VPN GR(Restarter/Helper) OP GR FRR SR for OSPF YSHA :MP-Echo Check NS Check rack Interface Link Status rack RNS Target Status LDP tegration with IPv4 Static Routing tegration with RIP itegration with OSPF itegration with OSPFv3 itegration with BGP4 itegration with BGP4+ itegration with IS-IS itegration with ISIS v6 itegration with VRRP itegration with VRRP+ synchronous Detection Mode terface Types Supporting BFD Activation ntegration with Policy Routing scillation Suppression IFD Supporting V6 Support VSU configuring 10G Ports as VSLs Jual Host Inspection Based on IP-BFD)ual Host Inspection Based on MADP Ipgrade for VSU System Ine-Click Upgrade for VSU System MPLS LER/MPLS LSR DP GR .DP Inter-domain LSP .DP Dialogue Protection APLS/BGP VPN (RFC2547) Pross-domain Supporting Option B/C MPLS MIB Support (RFC1273, 4265, 4382) MPLS Ping/Trace .3 VPN GR(Restarter/Helper) OSPF VPN HOPE 3PE Designating Address and Password on MGMT Port MGMT Port On/Off Description Settings on MGMT Port Telnet Management on MGMT Port SHH Management on MGMT Port SNMP Management on MGMT Port Web Management on MGMT Port Ping/TRACERT Operation on MGMT Port Port Rate and Duplex, and Traffic Control Configuration Communication with TACACS+ Server on MGMT Port

_									
VTP Management on MGMT Port									
Communication with RADIUS Server on MGMT Port									
Static ARP Configuration for MGMT Port									
Jsing IP Address of MGMT Port as Source IP Address When sending Syslog over MGMT Port configuration Rollback									
nterworking with Ruijie's ACS Zero-Configuration Server									
WMP(TR069)									
0.000 0.000 0.000 0.000									
Zero Configuration									
902.3AH									
Fan Speed Auto-Adjustment									
Fan Abnormality Warning									
Fan Status Observation (Check if All the Fans Operate Normally)									
Power Management									
ower Monitoring (Check Power)									
Firmware upgrade, e.g. CPLD/FPGA									
Anti-Counterfeit Alerting of Optical Modules									
Certification from the manufacturer that the bidder is an Exclusive / Authorized									
Distributor or Dealer of the product, or a Distributorship / Dealership Agreement from									
he manufacturer or manufacturer's Agent or Main Distributor or Dealer in the									
Philippines.									
NARRANTY: 3 Years									
NCLUSIONS:									
- 24/7 Customer Support									
- Customized (1) day technical training									
Delivery/Installation: 60 days after the issuance of Purchase Order									
Payment Period : 30 days ***Nothing Follows***									_
Note: *Quoted price/s must be VAT inclusive. *Supplier must have a Land Bank of the Phil. Account. *Supplier must submit a sealed quotation. *Sealed quotation must be submitted together with the following requirements: Company Profile, DTI/SEC Registration, Business/Mayor's Permit, BIR Registration, and PhilGEPS Certificate of Membership						ne			
						Contact Num	shere (I andlin	a and/ar	
Canvasser						Contact Numbers (Landline and/or Cellphone Nos.)/E-mail address			

TERMS AND CONDITIONS

- 1. Bidders shall provide correct and accurate information required in this form.
- 2. Price quotations/s must be valid for a period of Thirty (30) calendar days from the date of submission.
- 3. Price quotations, to be denominated in Philippine peso shall include all taxes.
- 4. Quotations exceeding the Approved Budget for the Contract shall be rejected.
- Award of contract shall be made to the lowest quotation (for goods and infrastructure) or, the highest rated offer (for consulting services) which complies with the minimum technical specifications and other terms and conditions stated herein.
- Any interlineations, erasures or overwriting shall be valid only if they are signed or initialed by you or any of your duly authorized representative/s.
- 7. The items shall be delivered within _____ working days from receipt of Purchase/Job Order.
- 8. The CDA-CO shall have the right to inspect and/or to test the goods
- Submit your sealed quotation by mail or through your messenger addressed to the Cooperative Development Authority, 827 Aurora Blvd., Brgy. Immaculate Concepcion, Quezon City.
- 10. The Cooperative Development Authority reserves the right to accept or reject any or all quotations, waive any informality or technically therein and award to any firm whose proposal is deemed most advantageous to the government.