Ref..No. PMPML/IT / 1614   Date : 1 JUL 2024

Request for Quotation

"Requirement of Firewall (Fortinet Fortigate 100E series) Software license renewal for PMPML"

Sir/Madam,

We kindly request you to submit your quotation for the "**Requirement of Firewall (Fortinet Fortigate 100E series) Software license renewal for PMPML**" as detailed below.

Quotation in sealed envelope may be submitted on or before **8/7/24** by courier/ speed post only to the address below.

PUNE MAHANAGAR PARIVAHAN MAHAMANDAL LIMITED (PMPML)
Registered Address: Pune Mahanagar Parivahan Mahamandal Ltd.
IT Center, Shankarsheth Road, Swargate, Pune-411037.
Email: itdepartment@pmpml.org,
Telephone No: 9850636234
Website: www.pmpml.org
Concerned Authority: IT Department

Technical Proposal and Financial Quotation must be submitted in sealed envelope only.

It shall remain the bidder's responsibility to ensure that quotation will reach the address above on or before the deadline. Offers that are received by PMPML after the deadline indicated above, for whatever reason, shall not be considered for evaluation.

The PMPML reserves the right to cancel the quotation notice at any time without assigning any reason whatsoever.

Nitin Narvekar
Joint Managing Director
Pune Mahanagar Parivahan Mahamandal Ltd

Description of Requirement:

The firewall hardware currently available in PMPML is the following:

Hardware Specifications:
GE RJ45 Ports 14
GE RJ45 Management/HA/DMZ Ports 1/2/1
GE SFP Slots —
GE RJ45 PoE/+ Ports —
GE RJ45 WAN Ports 2
GE RJ45 or SFP Shared Ports 2
USB Port 1
Console Port 1
Internal Storage —
Included Transceivers 0

System Performance Enterprise Traffic Mix
IPS Throughput 2   500 Mbps
NGFW Throughput 2, 4   360 Mbps
 Threat Protection Throughput 2, 5   250 Mbps
System Performance
Firewall Throughput (1518 / 512 / 64 byte UDP packets) 7.4 / 7.4 / 4.4 Gbps
Firewall Latency (64 byte UDP packets) 3 μs
Firewall Throughput (Packets Per Second) 6.6 Mpps
Concurrent Sessions (TCP) 2 Million
New Sessions/Second (TCP) 30,000
Firewall Policies 10,000 IPsec
VPN Throughput (512 byte) 1 4 Gbps
Gateway-to-Gateway IPsec VPN Tunnels 2,000
Client-to-Gateway IPsec VPN Tunnels 10,000
SSL-VPN Throughput 250 Mbps
Concurrent SSL-VPN Users (Recommended Maximum, Tunnel Mode) 300 SSL
Throughput (IPS, avg. HTTPS) 3 130 Mbps
SSL Inspection CPS (IPS, avg. HTTPS) 3 130
SSL Inspection Concurrent Session (IPS, avg. HTTPS) 3 125,000
Application Control Throughput (HTTP 64K) 2 1 Gbps
CAPWAP Throughput (1444 byte, UDP) 1.5 Gbps
Virtual Domains (Default / Maximum) 10 / 10
Maximum Number of Switches Supported 24
Maximum Number of FortiAPs (Total / Tunnel Mode) 64 / 32
Maximum Number of FortiTokens 1,000
Maximum Number of Registered FortiClients 600
High Availability Configurations Active / Active, Active / Passive, Clusterin

The current firewall in PMPML was installed in 2016 and takes care of NEC INDIA PVT Ltd. PMPML wants to renew the license of the existing firewall software for an additional period of three years along with necessary upgrades/patches in the software by the OEM from time to time for the entire duration. It would also require necessary maintenance support including but not limited to help desk, installation, troubleshooting etc amongst others for three years.

The procured firewall software is required in PMPML to take care of the following:
A. Entire PMPML IT System:
a. PMPML has more than 200 Computers spread across PMPML HQ
B. PMPML has dedicated Internet Server hosting the following:
1. PMPML website (www.pmpml.org);
2. Dedicated ITMS Application;
3. Any other application which may be hosted by PMPML
B. In Future When hardware shifting to another location then configuration Support must be Provided.
C. PMPML required ISP Line Termination & Configuration Support
D. Telephonic Technical Support Should be Provide whenever PMPML required till the Next renewal
E. PMPML currently utilizes the Firewall 200E , which needs to be relocated and reconfigured to a different location. Support for this transition must be provided. Additionally, following the renewal of the 100E, this firewall should also be configured for deployment at another site.

Note: Financial Quotation shall be exclusive of applicable Goods and Service Tax (GST)

Software Specifications:

Bundle	Enterprises Protection
Forticare	24*7 Protection
FortiGuard App Control Service	✓
FortiGuard IPS Service	✓
FortiGuard Advanced Malware Protection (AMP)	✓
FortiGuard Web and Video Filtering Service	✓
FortiGuard Antisperm Service	✓
FortiGuard Security Rating Service	✓
FortiGuard IoT Detection Service	✓
FortiGuard Industrial Service	✓
FortiConverter Service	✓