**Item No. 04: Firewall Quantity: 1 No**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Type** | **Specification For Firewall** | | **QTY/Detail** | | |
| **Feature** | **Mandatory** |
| **Option-1** | **Option-2** | |
| **System** | Hardware Base  **(Hardware appliance, No virtual appliance)** | Yes | Hardware Appliance | | |
| Storage (Minimum) | Yes | 400 GB | | |
| Encryption, Hashing Algorithm | Yes |  | | |
| Next Generation Firewall Throughput | Yes | 4 Gbps | | |
| Threat Protection throughput | Yes | 4 Gbps | | |
| Firewall Throughput | Yes | 32 Gbps | | |
| SSL Inspection Throughput | Yes | 4 Gbps | | |
| High Availability(Active-Active, Active-Passive) | Yes |  | | |
| Redundant Power Supply | Yes |  | | |
| **Interfaces** | Fiber 10 Gig | Yes | 2 Minimum | | |
| Copper 1 Gig | Yes | 6 | | |
| Fiber 1 Gig | Yes | 6 | | |
| VLAN Tagging, Ether-Channel, PPPoE | Yes |  | | |
| **Networking** | Interface IP Base, Policy Base, NAT/PAT/Virtual IP NAT | Yes |  | | |
| IPv4/v6 | Yes |  | | |
| Virtual Routers | Optional |  | | |
|
| RIP2, OSPF v2 | Yes |  | | |
| Policy Base Routing | Yes |  | | |
| Multi-Home ISP | Yes |  | | |
| Ip Address Assignment | Yes |  | | |
| **Traffic Control & Through Put** | H323, SIP,DNS,FTP,HTTP,HTTPS,NAT for VoIP, Email | Yes |  | | |
| IP base VPN, Remote Access VPN | Yes |  | | |
| Deep Packet Inspection | Yes |  | | |
| SSL Inspection Concurrent Session (IPS, avg. HTTPS) 3 | Yes | 700,000 | | |
| Web Content Filtering | Yes |  | | |
| DoS Protection | Yes |  | | |
| IPS | Yes |  | | |
| SSL | Yes |  | | |
| Anti-Virus | Yes |  | | |
| Application Control Throughput | Yes | 10 Gbps | | |
| Application Level Threat Control | Yes |  | | |
| Traffic Shaper | Yes |  | | |
| Concurrent Sessions | Yes | 7 Million | | |
| Dashboard, Reporting, Logging (3-6 Months) | Yes |  | | |
| **Licensing & Support** | License of UTM Functionalities | Yes | 1 year | | 3 years |
| Local Vendor Support | Yes | 1 year | | 3 years |
| Hardware Warranty | Yes | 1 year | | 3 years |
| Online Principal Support **8x5 NBD** | Yes | 1 year | | 1. years |
| Including Installation, Configuration and Training.  **For Eligibility/Qualifying Criteria See Page 41, S.No 19 (Authorization) of the Bid Documents** | | | | | |
|
|