

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



ދިވެހިސަރުކާރުގެ
ގެޒެޓް
ދިވެހިރާއްޖޭގެ

ސަރުކާރުގެ ތަފާތު: 145-P/2023/54

އިއުމަނު

އިއުމަނުގެ ނަންބަރު، ފަންޓްޕްރޮސިއުޕްމަންޓް ސެކްޓަރުގެ ސެކްޓަރިއެޓް ފަރާތުން ބަނޑުލެވުމެވެ.

މި ބަނޑުލުމުގެ ތަޢާރު 25 ޖުލައި 2023 ވަނަ ދުވަހުގެ 10:00 ގައި

އިއުމަނުގެ ނަންބަރު 2023 ވަނަ ދުވަހުގެ 11:00 ގައި ނިންމާލެވޭނެއެވެ.

ބަނޑުލުމުގެ ތަޢާރު 3 ވަނަ ދުވަހުގެ 11:00 ގައި ނިންމާލެވޭނެއެވެ. procurement@criminalcourt.gov.mv

އެއްވެސް ބަނޑުލުމުގެ ތަޢާރު www.criminalcourt.gov.mv ގައި ސެކްޓަރިއެޓް ފަރާތުން ނެތެނެވެ.

30 ދުވަހުގެ ތެރޭގައި 1444

18 ޖުލައި 2023



بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



ދިވެހިސަރުކާރުގެ ގެޒެޓް

ގާނޫނު

ދިވެހިސަރުކާރުގެ ގެޒެޓް

މިހާރުގެ ގާނޫނު

މިހާރުގެ ގާނޫނު ނަންބަރު 54/2023-P (18 ޖުލައި 2023)

1. ނަންބަރު

މިހާރުގެ ގާނޫނު ނަންބަރު 54/2023-P ގެ ނަންބަރު 18 ޖުލައި 2023 ގައި

މިހާރުގެ ގާނޫނު ނަންބަރު 54/2023-P ގެ ނަންބަރު 18 ޖުލައި 2023 ގައި

2. މަސަލާ ނަންބަރު

މިހާރުގެ ގާނޫނު ނަންބަރު 54/2023-P ގެ ނަންބަރު 18 ޖުލައި 2023 ގައި

މިހާރުގެ ގާނޫނު

3. މިހާރުގެ ގާނޫނު

މިހާރުގެ ގާނޫނު ނަންބަރު 54/2023-P ގެ ނަންބަރު 18 ޖުލައި 2023 ގައި

މިހާރުގެ ގާނޫނު

މިހާރުގެ ގާނޫނު ނަންބަރު 54/2023-P ގެ ނަންބަރު 18 ޖުލައި 2023 ގައި

މިހާރުގެ ގާނޫނު ނަންބަރު 54/2023-P ގެ ނަންބަރު 18 ޖުލައި 2023 ގައި



11. අදාළ වෛරසය වැළැක්වීම

වෛරසය වැළැක්වීම සඳහා අදාළ රුපියල් 250,000/- (දෙවසරක්) තුළින් ක්‍රියාත්මක කිරීමට, සෞඛ්‍ය
 ඇතිකිරීම සඳහා වෛරසය වැළැක්වීම සඳහා 45 (සෑය) වැනි අවධියේදී ක්‍රියාත්මක කිරීමට වෛරස
 වැළැක්වීමට, වෛරසය වැළැක්වීමට අදාළ 15% (වසරක්) තුළින් ක්‍රියාත්මක කිරීමට. අදාළ වෛරසය වැළැක්වීමට
 ක්‍රියාත්මක කිරීමට අදාළ වෛරසය වැළැක්වීමට.

12. වෛරසය වැළැක්වීම සඳහා වෛරසය වැළැක්වීම

වෛරසය වැළැක්වීම සඳහා වෛරසය වැළැක්වීම සඳහා වෛරසය වැළැක්වීම සඳහා වෛරසය වැළැක්වීම
 ක්‍රියාත්මක කිරීමට වෛරසය වැළැක්වීමට.

$$LD \times 0.005 \times CP = \text{වෛරසය වැළැක්වීම සඳහා වෛරසය වැළැක්වීම}$$

$$CP = \text{වෛරසය වැළැක්වීම (වෛරසය වැළැක්වීම): වෛරසය වැළැක්වීම සඳහා වෛරසය වැළැක්වීම}$$

$$LD = \text{වෛරසය වැළැක්වීම (වෛරසය වැළැක්වීම): වෛරසය වැළැක්වීම සඳහා වෛරසය වැළැක්වීම}$$

වෛරසය වැළැක්වීම සඳහා වෛරසය වැළැක්වීම සඳහා වෛරසය වැළැක්වීම සඳහා වෛරසය වැළැක්වීම
 වෛරසය වැළැක්වීමට වෛරසය වැළැක්වීමට.

13. වෛරසය වැළැක්වීම සඳහා වෛරසය වැළැක්වීම

වෛරසය වැළැක්වීම සඳහා වෛරසය වැළැක්වීම සඳහා වෛරසය වැළැක්වීම සඳහා වෛරසය වැළැක්වීම
 වෛරසය වැළැක්වීම සඳහා වෛරසය වැළැක්වීම සඳහා වෛරසය වැළැක්වීම සඳහා වෛරසය වැළැක්වීම
 වෛරසය වැළැක්වීම සඳහා වෛරසය වැළැක්වීම සඳහා වෛරසය වැළැක්වීම සඳහා වෛරසය වැළැක්වීම
 වෛරසය වැළැක්වීම සඳහා වෛරසය වැළැක්වීම සඳහා වෛරසය වැළැක්වීම සඳහා වෛරසය වැළැක්වීම



14. ބަނޑު ޖަހާ ފަރާތްތަކުގެ ލިސްޓު:

1. ފަންޓު ޖަހާ ފަރާތްތަކުގެ ލިސްޓު ދަނޑު ޖަހާ ފަރާތްތަކުގެ ލިސްޓު
2. ފަންޓު ޖަހާ ފަރާތްތަކުގެ ލިސްޓު ޖަހާ ފަރާތްތަކުގެ ލިސްޓު
3. ފަންޓު ޖަހާ ފަރާތްތަކުގެ ލިސްޓު ޖަހާ ފަރާތްތަކުގެ ލިސްޓު
4. ފަންޓު ޖަހާ ފަރާތްތަކުގެ ލިސްޓު ޖަހާ ފަރާތްތަކުގެ ލިސްޓު (ފަންޓު ޖަހާ ފަރާތްތަކުގެ ލިސްޓު)
5. ފަންޓު ޖަހާ ފަރާތްތަކުގެ ލިސްޓު ޖަހާ ފަރާތްތަކުގެ ލިސްޓު (ފަންޓު ޖަހާ ފަރާތްތަކުގެ ލިސްޓު ޖަހާ ފަރާތްތަކުގެ ލިސްޓު)
6. ފަންޓު ޖަހާ ފަރާތްތަކުގެ ލިސްޓު
7. ފަންޓު ޖަހާ ފަރާތްތަކުގެ ލިސްޓު 10 ފަންޓު ޖަހާ ފަރާތްތަކުގެ ލިސްޓު (ފަންޓު ޖަހާ ފަރާތްތަކުގެ ލިސްޓު 3 ފަންޓު ޖަހާ ފަރާތްތަކުގެ ލިސްޓު)
8. ފަންޓު ޖަހާ ފަރާތްތަކުގެ ލިސްޓު ޖަހާ ފަރާތްތަކުގެ ލިސްޓު (ފަންޓު ޖަހާ ފަރާތްތަކުގެ ލިސްޓު 10 ފަންޓު ޖަހާ ފަރާތްތަކުގެ ލިސްޓު)



بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



لجارتو سرتو

دو

مردو سرتو

سوتو سرتو سرتو سرتو سرتو

مردو سرتو سرتو سرتو سرتو سرتو: 145-P/2023/54 (18 سرتو سرتو 2023)

1. TECHNICAL REQUIREMENT AND SCOPE OF WORKS

#	Requirements
1	Next Generation Firewall Appliance
	The device shall have minimum the following interfaces and modules - 8x1 Gig SFP
	- 12x1 Gig RJ-45 ports
	- 2x10 Gig SFP+ ports
	- 1 x Console Port
	- 1 x 480GB SSD on board storage
	The device shall support minimum 20Gbps firewall throughput
	The device shall support minimum 2.6Gbps IPS throughput
	The device shall support minimum 1.6Gbps NGFW throughput
	The device shall support minimum 1Gbps Threat Protection throughput
	The device shall support minimum 1Gbps SSL VPN throughput
	The device shall have support minimum 1.5 Million Concurrent TCP Sessions
	The device shall support active-active or active-passive high availability configuration
	The device shall have redundant power supply unit
	Form factor: 1RU, rack mounting accessories shall be included
	The appliance shall support intercepting SSL traffic for Security Filtering.
	The appliance shall be able to perform the security functionalities of Web Filter, Application Control, IPS, and Antivirus.
	The appliance shall support OSPF, BGP, static, IGMP v1/v2, PIM, VRRP, BFD protocol
	The appliance should support 802.1Q, sub interface, bridge domains, Inter VLAN routing.
	The appliance should support policy based routing, Application aware routing, performance based routing.
	The appliance shall support various traffic load balancing mechanism between multiple transport.
	The appliance should support QoS based on layer-7 application
	The appliance should support NAT/PAT for direct internet access or cloud access



The appliance architecture should have dedicated CPU for security processing apart from the main central processing units (CPUs).

#	Requirements
	The appliance should identify thousands of applications inside network traffic for deep inspection and granular policy enforcement
	The appliance should protect against malware, exploits, and malicious websites in both encrypted and non-encrypted traffic
	The appliance should prevent and detect against known and unknown attacks using continuous threat intelligence backed by dedicated global security services
	The appliance shall support automatically blocking threats on decrypted traffic using the Industry's standard SSL inspection
	The appliance shall support blocking and controlling web access based on user or user groups across URL's and domains
	The appliance shall support Block DNS requests against malicious domains
	The appliance shall support Multi-layered advanced protection against zero-day malware threats delivered over the web
	The appliance shall include a management console that is effective, simple to use, and provides comprehensive network automation and visibility
	The appliance shall provide converged networking and security into a secure, simple to manage architecture with a single focal point for management and configuration for LAN devices such as Network Switches and Wireless Access Points.
	Security Subscription: <ul style="list-style-type: none"> - 1-Year Security Subscription - Web Filtering, Malware Protection, IPS, Antispam, Antivirus, Botnet, Virus Outbreak Protection, Application Control, Sandbox - 1-Year Support Subscription: 24x7 Support, Hardware Replacement, Firmware Upgrades
	Installation and Configuration as per specification 3
	Warranty: 1-Year Parts and Service with 24x7 comprehensive Support, Hardware Replacement, Firmware Upgrades
	Technical Support: 1-Year 8x5 on-site technical support services and labor
2	Network Security Monitoring and Analytics Appliance
	Physical appliances can ONLY be proposed.
	Analytics solution should have real-time monitor to view the live status of managed devices to identify trends, outages or other events that may require the attention.
	The solution should provide centralized logging of multiple record types including traffic activity, system events.
	The solution should be able to provide real-time and historical logs with filtering and search capabilities
	The solution should provide predefined templates for building / generating reports
	The solution should be able to support threshold values to generate alerts.
	The solution should be able to send alert emails
	The solution should be able to manually generate the report or schedule the same
	The solution should be able to generate report based on user names
	The solution shall support minimum 3TB of log storage and shall be able to handle minimum 5GB/Day of logs
	All required licenses shall be included from day 1 and shall be licensed for 1 years.



Installation and Configuration as per specification 3
Warranty: 1-Year Parts and Service Advanced Hardware Replacement, Firmware and General Upgrades
Technical Support: 1-Year 8x5 on-site technical support services and labor

#	Requirements
3	Installation, and Configuration
3.1	<p>Project Team To ensure successful implementation, the project delivery team must consist of OEM certified engineers who will be onsite for the duration of the installation and configuration. The team should include:</p> <ul style="list-style-type: none"> • Project Manager: responsible for overseeing the entire project and ensuring that all aspects of the project are completed within the timeline and budget. • Network Engineer: responsible for configuring the switches and integrating with existing network, as well as verifying the proper functioning of the integrated solution. • OEM Certified Professional for the proposed Firewall Appliance. <p>All members of the project delivery team must be certified personnel and possess relevant industry certifications. They must have experience working with the proposed firewall appliance.</p>
3.2	<p>Planning Review the existing network and network security infrastructure and topology. Determine any existing network security policies. Identify any potential issues or challenges that may arise during the integration.</p> <p>Configuration Design appropriate LAN, WAN, and DMZ security policies. Design appropriate WLAN segmentation and security policies Configure captive portal based authentication for WLAN users Configure application control policies Configure AV and Web filtering policies Configure antispam filtering Configure IPS policies Configure traffic shaping and ISP WAN load balancing Network segmentation and configure appropriate security policy per segment Configure remote access connectivity policies. Configure Network Security Monitoring and Analytics Appliance Integrate the appliance with the next generation firewall Configure standard security reporting Configure scheduled security reporting • Configure security alerts</p> <p>Integration with Existing Network Topology Integrate with the existing core network switches. Configure VLANs, port settings, and any other necessary configurations. Integrate the new solution with the existing network infrastructure.</p>
#	Requirements
	<ul style="list-style-type: none"> • Configure the new solution to support any necessary protocols or applications. <p>Testing and Verification</p> <ul style="list-style-type: none"> • Conduct testing to ensure that the integrated solution meets the performance and security requirements.



- Verify that the integrated solution is operating correctly and efficiently.
- Training and Handover
- Provide training to the network administrators on the configuration and operation of the integrated solution.
 - Handover the integrated solution to the network team with all necessary documentation.

#	General Technical Requirements
1	<p>Service Level Expectations</p> <p>a) The support service vendor should provide the contact number of a single point of contact to facilitate immediate contact by client's representative and he or she shall be responsible to liaise with all vendors for rectification of faults within the Next Business Day.</p> <p>b) Defective equipment shall be replaced by the bidder at his own cost including the cost of transport if any;</p> <p>c) The support service vendor shall provide all normal toolkit and test equipment needed for the maintenance of the hardware to the engineer. d) System maintenance and support services will include the following activities. ✓ 24 x 7 on-line Support.</p> <ul style="list-style-type: none">✓ Patch updating and major / minor software version upgrading support.✓ Phone/Email TAC support must be provided during support period✓ Issue resolution / Onsite Visits within 1 hour of hardware failures reported✓ Local TAC support plan must be maintaining by the Bidder for the maintenance period.



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