



މުވާދާ ސަބަބު

1. ވާޅުގެ ޖަހާ ދުވަހު		
(IUL)220-AS/1/2021/70	ދަރަޓަ	1.1 01 ވާޅު
21 ސަបްޓެމްބަރު 2021	01 ވާޅުގެ ނަންބަރު	
މުވާދާ ވަނަވަނީ ކުރަންޖެހޭ ޕްރޮސިއުޕްޓް (މުވާދާ ވަނަވަނީ ކުރަންޖެހޭ ޕްރޮސިއުޕްޓް)	ބަންދު	1.2 01 ވާޅުގެ ނަންބަރު
އިދާރަތަކާއި، 20379 ޕްރޮސިއުޕްޓް	އިދާރަ	
19 ނޮވެމްބަރު 2021	ބަންދު	
11:00	ވަނަވަނީ	
ޔަފުޅު 1 ވާޅުގެ ދުވަހުގެ ތެރޭގައި		1.3 01 ވާޅުގެ ނަންބަރު
26 ސަបްޓެމްބަރު 2021		ބަންދު

2. ވާޅުގެ ޖަހާ ދުވަހު	
މުވާދާ ވަނަވަނީ ކުރަންޖެހޭ ޕްރޮސިއުޕްޓް (މުވާދާ ވަނަވަނީ ކުރަންޖެހޭ ޕްރޮސިއުޕްޓް)	2.1
މުވާދާ ވަނަވަނީ ކުރަންޖެހޭ ޕްރޮސިއުޕްޓް (މުވާދާ ވަނަވަނީ ކުރަންޖެހޭ ޕްރޮސިއުޕްޓް)	2.2
މުވާދާ ވަނަވަނީ ކުރަންޖެހޭ ޕްރޮސިއުޕްޓް (މުވާދާ ވަނަވަނީ ކުރަންޖެހޭ ޕްރޮސިއުޕްޓް)	2.3
މުވާދާ ވަނަވަނީ ކުރަންޖެހޭ ޕްރޮސިއުޕްޓް (މުވާދާ ވަނަވަނީ ކުރަންޖެހޭ ޕްރޮސިއުޕްޓް)	2.4
މުވާދާ ވަނަވަނީ ކުރަންޖެހޭ ޕްރޮސިއުޕްޓް (މުވާދާ ވަނަވަނީ ކުރަންޖެހޭ ޕްރޮސިއުޕްޓް)	2.5
މުވާދާ ވަނަވަނީ ކުރަންޖެހޭ ޕްރޮސިއުޕްޓް (މުވާދާ ވަނަވަނީ ކުރަންޖެހޭ ޕްރޮސިއުޕްޓް)	2.6



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7.3	<p>7.3</p>
7.4	<p>7.4</p>
7.5	<p>7.5</p>



LOT: 01

Required Item: Security Information and Event Management Solution (SIEM)

Quantity: 1

SPECIFICATION

<p>Performance Monitoring</p> <ul style="list-style-type: none"> - System level via SNMP, WMI, and PowerShell - Application level via JMX, WMI, and PowerShell - Virtualization monitoring for VMware, Hyper-V — guest, host, resource pool, and cluster level - Microsoft Active Directory and Exchange via WMI and Powershell - Databases — Oracle, MS SQL, MySQL via JDBC - VoIP infrastructure via IPSLA, SNMP, and CDR/CMR - Flow analysis and application performance — Netflow, SFlow, Cisco AVC, NBAR, and IPFix - Ability to add custom metrics - Baseline metrics and detect significant deviations
<p>Scalable and Flexible Log Collection</p> <ul style="list-style-type: none"> - Collect, Parse, Normalize, Index, and Store security logs - Out-of-the-box support for security systems and vendor APIs - Windows event collection including file integrity monitoring, installed software changes, and registry change monitoring - Linux monitoring- including file integrity monitoring, syslog monitoring, and custom log file monitoring - Modify parsers from within the GUI and redeploy on a running system without downtime and event loss - Create new parsers (XML templates) via integrated parser development environment and share among users - Collect events for users and devices securely
<p>Notification and Incident Management</p> <ul style="list-style-type: none"> - Policy-based incident notification - Ability to trigger a remediation script when a specified incident occurs - Built-in ticketing system - Structured incident reports with highest priority to critical business services and applications - Trigger notifications real time based on patterns - Incident Explorer — dynamically link incidents to hosts, IPs and user
<p>Powerful and Scalable Analytics</p> <ul style="list-style-type: none"> - Search events in real time— without the need for indexing - Keyword and event-based searches - Search historical events — SQL-like queries with Boolean filter conditions, group by relevant aggregations, time-of-day filters, regular expression matches, calculated expressions — GUI and API - Use discovered CMDB objects, user/ identity and location data in searches and rules - Schedule reports and delivery - Search events across the entire organization, or down to a physical or logical reporting domain



<ul style="list-style-type: none"> - Dynamic watch lists for keeping track of critical violators — with the ability to use watch lists in any reporting rule - Scale analytics feeds by adding Worker nodes without downtime
<p>Device and Application Context</p> <ul style="list-style-type: none"> - Network Devices including Switches, Routers, Wireless LAN - Security devices — Firewalls, Network IPS, Web/Email Gateways, Malware Protection, Vulnerability Scanners - Servers including Windows, Linux, AIX, HP UX - Infrastructure Services like DNS, DHCP, DFS, AAA, Domain Controllers, VoIP - User-facing Applications like Web Servers, App Servers, Mail, Databases - Storage devices like NetApp, EMC, Isilon, Nutanix, Data Domain - Cloud Apps like AWS, Box.com, Okta, Salesforce.com - Cloud infrastructure like AWS - Environmental devices like UPS, HVAC, Device Hardware - Virtualization infrastructure including VMware ESX, Microsoft Hyper-V Scalable and Flexible Log Collection
<p>Availability Monitoring</p> <ul style="list-style-type: none"> - System up/ down monitoring — via Ping, SNMP, WMI, Uptime Analysis, Critical Interface, Critical Process and Service, BGP/OSPF/EIGRP status change, Storage port up/ down - Service availability modeling — Ping, HTTP, HTTPS, DNS, LDAP, SSH, SMTP, IMAP, POP, FTP, JDBC, ICMP, trace route and for generic TCP/UDP ports - Maintenance calendar for scheduling maintenance windows - SLA calculation — normal business hours and after-hours considerations
<p>UEBA</p> <ul style="list-style-type: none"> - Should be able to collect and monitor user-based activity including User, Process, Device, Resources and Behavior. Also should be able to collect log data of user activity in and out of the corporate network.
<p>Real-Time Operational Context for Rapid Security Analytics</p> <ul style="list-style-type: none"> - Continually updated and accurate device context — configuration, installed software and patches, running services - System and application performance analytics along with contextual inter-relationship data for rapid triaging of security issues - User context, in real-time, with audit trails of IP addresses, user identity changes, physical and geo-mapped location - Detect unauthorized network devices, applications, and configuration changes
<p>Real-Time Configuration Change Monitoring</p> <ul style="list-style-type: none"> - Collect network configuration files, stored in a versioned repository - Collect installed software versions, stored in a versioned repository - Automated detection of changes in network configuration and installed software - Automated detection of file/ folder changes — Windows and Linux — who and what details - Automated detection of changes from an approved configuration file - Automated detection of windows registry changes



<p>Baselining and Statistical Anomaly Detection</p> <ul style="list-style-type: none"> - Baseline endpoint/ server/ user behavior - Built-in and customizable triggers on statistical anomalies
<p>External Technology Integrations</p> <ul style="list-style-type: none"> - Integration with any external web site for IP address lookup - API-based integration for external threat feed intelligence sources - API-based two-way integration with help desk systems - API-based two-way integration with external CMDB -
<p>External Threat Intelligence Integrations</p> <ul style="list-style-type: none"> - APIs for integrating external threat feed intelligence — Malware domains, IPs, URLs, hashes, Tor nodes - Built-in integration for popular threat intelligence sources — eg: ThreatStream, CyberArk etc
<p>Simple and Flexible Administration</p> <ul style="list-style-type: none"> - Web-based GUI - Role-based Access Control for restricting access to GUI and data at various levels - Audit trail of user activity - Software upgrade with minimal downtime and event loss - Policy-based archiving - Hashing of logs in real time for non-repudiation and integrity verification - Flexible user authentication — local, external via Microsoft AD and RADIUS
<p>Rich Customizable Dashboards</p> <ul style="list-style-type: none"> - Configurable real-time dashboards - Sharable reports and analytics across organizations and users - Specialized layered dashboards for business services, virtualized infrastructure, event logging status dashboard, and specialized apps

Requirements

- Minimum 10k Events Per Second (EPS)
- Minimum 20TB usable storage for logs

Installation, Configuration and Maintenance

- Install the solution and configure according to the product specifications
- Installation should be done by certified personnel.

Note: -

- Bidder should submit authorization letter from the vendor
- Warranty 1 years.
- Must be delivered within a maximum of 30 days.
- Training for 2 staff

Evaluation Criteria

Delivery	Should deliver within a maximum of 30 days
Price	90%
Warranty	10% (1yrs P&S = 0%, 2yrs P&S = 5%, 3yrs P&S = 10%)



2: ޖަދުވަލު 2: ދަރަނޯނުގެ ގުޅުމުގެ ބަޔާނު

ދަރަނޯނުގެ ގުޅުމުގެ ބަޔާނު		
6.1	ދަރަނޯ ޖަހާ ތަނު (ފަސަޅު ދަރަނޯ ޖަހާ ތަނުގެ ފަސަޅު ޖަހާ ތަނުގެ ފަސަޅު ޖަހާ ތަނު)	1
6.2	ދަރަނޯ ޖަހާ ތަނުގެ ފަސަޅު ޖަހާ ތަނުގެ ފަސަޅު ޖަހާ ތަނުގެ ފަސަޅު ޖަހާ ތަނުގެ ފަސަޅު ޖަހާ ތަނު	2
6.3	ދަރަނޯ ޖަހާ ތަނުގެ ފަސަޅު ޖަހާ ތަނުގެ ފަސަޅު ޖަހާ ތަނުގެ ފަސަޅު ޖަހާ ތަނުގެ ފަސަޅު ޖަހާ ތަނު	3
6.5	ދަރަނޯ ޖަހާ ތަނުގެ ފަސަޅު ޖަހާ ތަނުގެ ފަސަޅު ޖަހާ ތަނުގެ ފަސަޅު ޖަހާ ތަނުގެ ފަސަޅު ޖަހާ ތަނު	5
6.6	ދަރަނޯ ޖަހާ ތަނުގެ ފަސަޅު ޖަހާ ތަނުގެ ފަސަޅު ޖަހާ ތަނުގެ ފަސަޅު ޖަހާ ތަނުގެ ފަސަޅު ޖަހާ ތަނު	6
6.7	ދަރަނޯ ޖަހާ ތަނުގެ ފަސަޅު ޖަހާ ތަނުގެ ފަސަޅު ޖަހާ ތަނުގެ ފަސަޅު ޖަހާ ތަނުގެ ފަސަޅު ޖަހާ ތަނު	7



ޖަދުވަލު 4: ޔަގުޞާރުގެ ޖަހާރުގެ (ބަޔާން ޖަހާރުގެ) ސަރަޙައްދު

WHEREAS,[name of Bidder] (hereinafter called “the Bidder”) has submitted his Bid for the Project no.....issued by the Maldives Inland Revenue Authority onfor construction of[name of Contract] (hereinafter called “the Bid”).

KNOW ALL PEOPLE by these presents that We [name of Bank] of [name of country] having our registered office at (hereinafter called “the Bank”) are bound unto[name of Purchaser] (hereinafter called “the Purchaser”) in the sum of *..... for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors, and assigns by these presents.

SEALED with the Common Seal of the said Bank thisday of20.....

THE CONDITIONS of this obligation are:

- (1) If, after Bid opening, the Bidder withdraws his Bid during the period of Bid validity specified in the Form of Bid; or
- (2) If the Bidder having been notified of the acceptance of his Bid by the Purchaser during the period of Bid validity:
 - (a) fails or refuses to execute the Form of Agreement in accordance with the Instructions to Bidders, if required; or
 - (b) fails or refuses to furnish the Performance Security, in accordance with the Instruction to Bidders; or
 - (c) does not accept the correction of the Bid Price pursuant to Clause 27,

* The Bidder should insert the amount of the Guarantee in words and figures denominated in Maldivian Rufiyaa. This figure should be the same as shown in Clause 16.1 of the Instructions to Bidders.

we undertake to pay to the Purchaser up to the above amount upon receipt of his first written demand, without the Purchaser’s having to substantiate his demand, provided that in his demand the Purchaser will note that the amount claimed by him is due to him owing to the occurrence of one or any of the three conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date days after the deadline for submission of bids as such deadline is stated in the Instructions to Bidders or as it may be extended by the Purchaser, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE..... SIGNATURE OF THE BANK
 WITNESS SEAL
 [signature, name, and address]