



ދިވެހިސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ގޮތުން

ދިވެހިސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ގޮތުން ސަލާމަތް ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ގޮތުން	ދިވެހިސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ގޮތުން
38/2023/G-005	ދިވެހިސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ގޮތުން
(IUL)38-AD/38/2023/137	ދިވެހިސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ގޮތުން
2023 ވަނަ އަހަރު 30 ވަނަ ދުވަހު	ދިވެހިސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ގޮތުން

ދިވެހިސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ގޮތުން

ދިވެހިސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ގޮތުން 5 ވަނަ ބައި ގައި ބަޔާންކޮށްފައިވާ ގޮތުން	ދިވެހިސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ގޮތުން
11 ވަނަ ދުވަހު 2023 (ދިވެހިސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ގޮތުން)	ދިވެހިސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ގޮތުން
13:00	ދިވެހިސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ގޮތުން

ދިވެހިސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ގޮތުން  
ދިވެހިސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ގޮތުން

**ወጪ ማህበረሰብ ለምክርቤት ጥያቄ ገቢ ጥያቄ**

- 1. ገቢ ማህበረሰብ ለምክርቤት ጥያቄ ገቢ ጥያቄ ለማድረግ፣ ማህበረሰብ ለምክርቤት ጥያቄ ገቢ ጥያቄ ለማድረግ ይገባል።
  - 2. ማህበረሰብ ለምክርቤት ጥያቄ ገቢ ጥያቄ ለማድረግ፣ ማህበረሰብ ለምክርቤት ጥያቄ ገቢ ጥያቄ ለማድረግ ይገባል።
    - ማህበረሰብ ለምክርቤት ጥያቄ ገቢ ጥያቄ ለማድረግ ይገባል።
    - ማህበረሰብ ለምክርቤት ጥያቄ ገቢ ጥያቄ ለማድረግ ይገባል።
    - ማህበረሰብ ለምክርቤት ጥያቄ ገቢ ጥያቄ ለማድረግ ይገባል።
    - ማህበረሰብ ለምክርቤት ጥያቄ ገቢ ጥያቄ ለማድረግ ይገባል።
    - ማህበረሰብ ለምክርቤት ጥያቄ ገቢ ጥያቄ ለማድረግ ይገባል።
    - ማህበረሰብ ለምክርቤት ጥያቄ ገቢ ጥያቄ ለማድረግ ይገባል።
    - ማህበረሰብ ለምክርቤት ጥያቄ ገቢ ጥያቄ ለማድረግ ይገባል።
3. ማህበረሰብ ለምክርቤት ጥያቄ ገቢ ጥያቄ ለማድረግ፣ ማህበረሰብ ለምክርቤት ጥያቄ ገቢ ጥያቄ ለማድረግ ይገባል።
4. ማህበረሰብ ለምክርቤት ጥያቄ ገቢ ጥያቄ ለማድረግ፣ ማህበረሰብ ለምክርቤት ጥያቄ ገቢ ጥያቄ ለማድረግ ይገባል።
- 4.1 ማህበረሰብ ለምክርቤት ጥያቄ ገቢ ጥያቄ ለማድረግ ይገባል።
  - 4.2 ማህበረሰብ ለምክርቤት ጥያቄ ገቢ ጥያቄ ለማድረግ ይገባል።
  - 4.3 ማህበረሰብ ለምክርቤት ጥያቄ ገቢ ጥያቄ ለማድረግ ይገባል።







<p> <math>\frac{\text{Total number of voters}}{\text{Number of voters in the constituency}} \times 60</math> </p>	<p> <math>\times 60</math> </p>	<p>           60         </p>
<p>           60         </p>	<p> <math>\times 60</math> </p>	<p>           60         </p>
<p> <math>\frac{\text{Total number of voters}}{\text{Number of voters in the constituency}} \times 25</math> </p>	<p> <math>\times 25</math> </p>	<p>           25         </p>
<p> <math>\frac{\text{Total number of voters}}{\text{Number of voters in the constituency}} \times 15</math> </p>	<p> <math>\times 15</math> </p>	<p>           15         </p>

# ދިވެހިސަރުކާރުގެ ގެޒެޓް (1-ވަނަ ބައި) 2023

1	<p>އިންޓަރނޭޝަނަލް ޕްރޮޖެކްޓް</p>
1.1	<p>ޕްރޮޖެކްޓުގެ ނަންބަރު: 38/2023/G-005</p>
1.2	<p>އިންޓަރނޭޝަނަލް ޕްރޮޖެކްޓް (IUL)38-AD/38/2023/137</p>
1.3	<p>ނިމިދާނެ ތާރީޚު: 2023 ގެ 30 ވަނަ ދުވަހު</p>
2	<p>ސަރުކާރުގެ ޕްރޮޖެކްޓްގެ ނަންބަރު</p>
2.1	<p>ޕްރޮޖެކްޓުގެ ނަންބަރު:</p>
2.2	<p>ޕްރޮޖެކްޓުގެ ނަންބަރުގެ ތެރޭގައި:</p>
2.3	<p>ޕްރޮޖެކްޓުގެ ނަންބަރުގެ ތެރޭގައި:</p>
2.4	<p>ޕްރޮޖެކްޓުގެ ނަންބަރުގެ ތެރޭގައި:</p>
2.5	<p>ޕްރޮޖެކްޓުގެ ނަންބަރު:</p>
2.6	<p>ޕްރޮޖެކްޓުގެ ނަންބަރު:</p>
2.7	<p>ޕްރޮޖެކްޓުގެ ނަންބަރު: <input checked="" type="checkbox"/></p>
	<p><input type="checkbox"/> ފަރާތްތަކުގެ ޕްރޮޖެކްޓް</p>
	<p><input type="checkbox"/> ސަރުކާރުގެ ޕްރޮޖެކްޓް</p>
	<p><input type="checkbox"/> ޕްރޮޖެކްޓްތަކުގެ ތެރޭގައި:</p>
	<p><input type="checkbox"/> ސަރުކާރުގެ ޕްރޮޖެކްޓް</p>
	<p>މި ޕްރޮޖެކްޓުގެ ދަށުން ސަރުކާރުގެ ޕްރޮޖެކްޓްތަކުގެ ތެރޭގައި:</p>
3	<p>މި ޕްރޮޖެކްޓުގެ ދަށުން ސަރުކާރުގެ ޕްރޮޖެކްޓްތަކުގެ ތެރޭގައި:</p>
#	<p>ނަންބަރު</p>
	<p></p>
	<p></p>
	<p></p>
	<p></p>
4	<p>އިންޓަރނޭޝަނަލް ޕްރޮޖެކްޓް</p>
<p>މި ޕްރޮޖެކްޓުގެ ދަށުން ސަރުކާރުގެ ޕްރޮޖެކްޓްތަކުގެ ތެރޭގައި:</p>	<p>މި ޕްރޮޖެކްޓުގެ ދަށުން ސަރުކާރުގެ ޕްރޮޖެކްޓްތަކުގެ ތެރޭގައި:</p>
<p>ނަންބަރު:</p>	<p>ނަންބަރު:</p>
<p>މި ޕްރޮޖެކްޓުގެ ދަށުން ސަރުކާރުގެ ޕްރޮޖެކްޓްތަކުގެ ތެރޭގައި:</p>	<p>މި ޕްރޮޖެކްޓުގެ ދަށުން ސަރުކާރުގެ ޕްރޮޖެކްޓްތަކުގެ ތެރޭގައި:</p>

## Request for Proposal Virtual Desktop Infrastructure Upgrade Project

### Introduction

Election Commission of Maldives (herein referred as ECM) invites vendors to submit proposal for Virtual Desktop Infrastructure Upgrade Project. ECM requires implementation services to complete all components of this project including consultancy in the process of implementation, configuration, etc.

### Purpose

The purpose behind issuing this RFP is to provide information for technical and commercial bids from the eligible bidders for the above purpose.

### Requirement

1. VMWare Horizon Advanced Edition x 220 Licenses
2. VDI Thin Clients x 130

### Scope of Work

1. Installation & Provisioning
  - a. The entire system shall be installed as per manufacturer's recommendations and instructions.
  - b. Installation and provisioning should be provided by the manufacturer certified engineers.
2. Warranty & Maintenance
  - a. The bidder should provide respective Manufacturer Warranty for each of the requirements included in the proposed solution.
  - b. A comprehensive SLA must be provided with the proposal.
3. Post Deployment
  - a. Hardware specific deployment guidelines from the manufacturer should be provided.
  - b. Detailed deployment diagrams along with the manufacturer standards should be produced on completion of the project.
  - c. All equipment in the project should be registered in the name of Elections Commission in the relevant Manufacturer portals.



### **Expectations from Bidders**

1. As bid will be awarded to only one party after evaluation, each bidder is required to submit only one single proposal inclusive of the mentioned items.
2. The bid should be precise, complete and in the prescribed format as per the requirement of this RFP. Every item proposed must have related technical documents attached along with the proposals.
3. The supplier must have minimum 2 (Two) project experience of VDI Infrastructure Solutions delivered locally (Letter from the client confirming the completion of the project).
4. Manufactures Authorization letter should be provided stating that project is backed by the manufacturer for the partner.
5. Minimum of 1 Engineer Certificates must be submitted.
6. Authorization letter of the product for the proposed solution.

### **Delivery and Installation Schedules**

1. The Bidder should deliver the goods within 45 Days (Maximum) from the date of purchase order.
2. The Bidder shall install the license and integrate with existing LAN within 1 week from the date of delivery of the equipment at respective locations.
3. After completion of installation the bidder should obtain sign-off on the Installation-cum-Acceptance certificate from the ECM official. ECM will carry out acceptance of hardware as per acceptance test plan.
  - a. Installation will be treated as incomplete in one/all the following situations:
    - i. Non-delivery of any software or other components, accessories, documentation, drivers, media mentioned in the order.
    - ii. Non-delivery of supporting documentation.
    - iii. Delivery, but no installation of the components and/or software.
    - iv. System operational, but unsatisfactory to ECM.

## Technical Specifications (ANNEX)

### 1. VMWare Horizon Advanced Edition

SPECIFICATIONS FOR VMWARE HORIZON ADVANCED EDITION LICENSE	
Product Name	VMWare Horizon Advanced Edition
Specifications	<ul style="list-style-type: none"> <li>-The solution must support protocols like PCoIP, Blast</li> <li>-The solution must be able to support both VDI streaming and VM/application hosting</li> <li>-The solution must be able to support on-demand horizontal scaling only of streaming or application hosting</li> <li>-The solution must support future extension into cloud enabled PaaS, SaaS, and BYOD</li> <li>-The solution should provide Self-Service Portal and Catalog Functions</li> <li>-The proposed solution shall be able to extend seamlessly to manage desktop image as a set of logical layers owned by either IT or the end user.</li> <li>-The proposed solution shall be able to cater to requirement of deploying applications to any collection of end users with app layering technology. Quickly restore the system layers to fix any issues without overwriting user layers.</li> <li>-The proposed solution shall have capability to migrate users from an old PC to a new one without losing data, profiles, or user-installed applications. User-installed applications and data shall stay intact during image updates.</li> <li>-The proposed system management software should come with an Open API feature simplifying integration to third party management and cloud software like BMC, VMware Cloud Director, MS SCOM, etc.</li> <li>-Ability for the software to be delivered and pre-installed on the System prior the deployment in the environment</li> <li>-A Plug-In for management center and an adapter for management center Operations Manager that enable integration with these two key components of the hypervisor management toolset.</li> <li>-A software development kit, which includes the API documentation, sample code, Java bindings and a simulator, as well as an on-line developer community to help foster innovation.</li> <li>-The platform vendor should provide a single support model and single support agreement covering all components of the infrastructure solution. The vendor should provide 24/7/365 support, a single point of ownership with a contact and Web support portal for service request management.</li> <li>-The vendor must provide fully integrated patch and upgrade release processes for the platform as a whole and provide ongoing software upgrades remotely without the need to take the system offline.</li> <li>-The vendor must provide a fully integrated, pre-tested and verified upgrade release matrix of patch and software release for the infrastructure and hypervisor provided</li> </ul>

	<ul style="list-style-type: none"> <li>-Supported Terminals should include USB/CD and Wi Fi enabled devices including but not limited to Existing Computers, Zero Clients and BYOD Devices</li> <li>-BYOD Support for Apple clients and Android clients.</li> <li>-Licensing should be available for Concurrent user and Named Users</li> <li>-Third-party vendor support Certification program should be available</li> </ul>
Training	<ul style="list-style-type: none"> <li>-A training should be provided to personnel's responsible in operations &amp; management of the system. The training should include mainly day to day operation and troubleshooting of the system.</li> <li>-Manufacturer Certified Training shall be provided for 2 employees from Elections Commission IT Department.</li> </ul>
License Type	New Term License
Support Period	1 Year
Quantity	220

## 2. VDI Thin Clients

\*The thin clients provided must be not lower than

SPECIFICATIONS FOR VDI THIN CLIENT	
Device Name	Optiplex Thin Client 3000
Operating System	Dell ThinOS
Details	<ul style="list-style-type: none"> <li>Intel® Celeron® N5105 (4 MB cache, 4 cores, 4 threads)</li> <li>32G Flash</li> <li>8G RAM DDR4</li> <li>Non-Wifi</li> </ul>
VDI Platform	VMWare Horizon
Monitor	24" Monitor with DP input
Monitor Mount	VESA Mount
Keyboard & Mouse	Wired Keyboard & Mouse
Power	Include 65 W AC adapter
Warranty	Minimum 3 years
Quantity	130

### 3. ޤަނޫނީ ސަރުކާރުގެ ޖަނަވަރުގެ ޖަހަވަރު (ޖަހަވަރުގެ ޖަހަވަރު)

ޖަހަވަރުގެ ޖަހަވަރު (ޖަހަވަރުގެ ޖަހަވަރު)	ޖަހަވަރު	ޖަހަވަރު
	220	VMware Horizon Advanced Edition
	130	VDI Thin Clients
		ސަރުކާރުގެ ޖަހަވަރުގެ ޖަހަވަރު (ޖަހަވަރުގެ ޖަހަވަރު)
		ސަރުކާރުގެ ޖަހަވަރުގެ ޖަހަވަރުގެ ޖަހަވަރު:
		ސަރުކާރުގެ ޖަހަވަރުގެ ޖަހަވަރުގެ ޖަހަވަރު (ޖަހަވަރުގެ ޖަހަވަރު):
		ސަރުކާރުގެ ޖަހަވަރުގެ ޖަހަވަރުގެ ޖަހަވަރު:

## 4- ޖަލާސާތަކުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި (ބަލާ ފޮތްތައް)

ޖަލާސާތަކުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި ޖަލާސާތަކުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި	ޖަލާސާތަކުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި	ޖަލާސާތަކުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި	#
✓	✓	ޖަލާސާތަކުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި	1
✓	✓	ޖަލާސާތަކުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި	2
✓	✓	ޖަލާސާތަކުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި	3
✓	✓	ޖަލާސާތަކުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި	4
✓	✓	ޖަލާސާތަކުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި	5
✓	✓	ޖަލާސާތަކުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި	6
✓	✓	ޖަލާސާތަކުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި	7
✓	✓	ޖަލާސާތަކުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި	8

ޖަލާސާތަކުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި ޖަލާސާތަކުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި	ޖަލާސާތަކުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި
✓	ޖަލާސާތަކުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި 120 ވަނަ ޖަލާސާތަކުގެ ތެރޭގައި
✓	ޖަލާސާތަކުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި ޖަލާސާތަކުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި
✓	ޖަލާސާތަކުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި ބޭނުންކުރާ ގަވާއިދުގެ ތެރޭގައި (3-ޖަލާސާތަކުގެ ތެރޭގައި) ޖަލާސާތަކުގެ ތެރޭގައި

5- ޕާޓީގެ ނަންބަރު ފާއިތުވިފައިވާ ކަންކަން ޖިނީރަލް ސަރުކާރުގެ ޖެނަރަލް އޮފީސްގައި ފޯމު ފުރިކޮށްލުމަށް އިދިގެން ދޭ ސަލާމަތް ދެއްވާ ގޮތުގެ މަޢުލޫމާތު ފޯމު

#	ނަންބަރު ފާއިތުވިފައިވާ ކަންކަން ޖިނީރަލް ސަރުކާރުގެ ޖެނަރަލް އޮފީސްގައި ފޯމު ފުރިކޮށްލުމަށް އިދިގެން ދޭ ސަލާމަތް ދެއްވާ ގޮތުގެ މަޢުލޫމާތު ފޯމު	ނަންބަރު ފާއިތުވިފައިވާ ކަންކަން ޖިނީރަލް ސަރުކާރުގެ ޖެނަރަލް އޮފީސްގައި ފޯމު ފުރިކޮށްލުމަށް އިދިގެން ދޭ ސަލާމަތް ދެއްވާ ގޮތުގެ މަޢުލޫމާތު ފޯމު	ނަންބަރު ފާއިތުވިފައިވާ ކަންކަން ޖިނީރަލް ސަރުކާރުގެ ޖެނަރަލް އޮފީސްގައި ފޯމު ފުރިކޮށްލުމަށް އިދިގެން ދޭ ސަލާމަތް ދެއްވާ ގޮތުގެ މަޢުލޫމާތު ފޯމު	#

# ދަރުސާ 6- (ބަނޑު ދަރުސާ ދަނޑު)

## Bank Guarantee

.....*Bank's name and address of issuing branch or office*<sup>1</sup>.....

**Beneficiary:** ..... *Name and address of the employer* .....

**Date:** .....

**Bid Security No.:** .....

We have been informed that ..... *name of the bidder*. .... (Hereinafter called "the Bidder") has submitted to you its bid dated ..... (Hereinafter called "the Bid") for the execution of ..... *Name of contract* ..... under Invitation for Bids No. .... ("the IFB").

Furthermore, we understand that, according to your conditions, bids must be supported by a bid guarantee.

At the request of the Bidder, we ..... *name of Bank*. .... hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of ... *amount in words* ... ( *amount in figures* ... ) upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation(s) under the bid conditions, because the Bidder

- (a) has withdrawn its Bid during the period of bid validity specified by the Bidder in the Letter of Bid; or
- (b) does not accept the correction of errors in accordance with the Instructions to Bidders (hereinafter "the ITB"); or
- (c) having been notified of the acceptance of its Bid by the Employer during the period of bid validity, (i) fails or refuses to execute the Contract Agreement, or (ii) fails or refuses to furnish the Performance Security, in accordance with the ITB.

This guarantee will expire (a) if the Bidder is the successful Bidder, upon our receipt of copies of the Contract Agreement signed by the Bidder and the Performance Security issued to you upon the instruction of the Bidder; or (b) if the Bidder is not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification to the Bidder of the name of the successful Bidder, or (ii) 28 days after the expiration of the Bidder's bid.

Consequently, any demand for payment under this guarantee must be received by us at the office on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees, ICC Publication No. 458.<sup>2</sup>

..... *Authorized signature(s) and bank's seal (where appropriate)* .....

**- Note -**

In case of a joint venture, the bid security must be in the name of all partners to the joint venture that submits the bid.

<sup>1</sup> All italicized text is for use in preparing this form and shall be deleted from the final document.