

Request for Proposal Supply of Multimedia Related Hardware

Introduction

Election Commission of Maldives (herein referred as ECM) invites vendors to submit proposal for Supply of Multimedia Related Hardware 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. All-in-One Printer
2. High Speed Scanner
3. Desktop Scanner
4. Webcam
5. Projector
6. Projector Screen
7. Portable Sound System
8. Pointer
9. Hand Mic
10. Pin Mic
11. Computer System
12. Computer Monitor
13. Network Switch
14. Drawing Tablet

Note: Technical Specifications in Annex

Scope of Work

1. Supply of All-in-One Printer
2. Supply of High-Speed Scanner
3. Supply of Desktop Scanner
4. Supply of Webcam
5. Supply of Projector
6. Supply of Projector Screen
7. Supply of Portable Sound System
8. Supply of Pointer
9. Supply of Hand Mic
10. Supply of Pin Mic
11. Supply of Computer System
12. Supply of Computer Monitor
13. Supply of Network Switch
14. Supply of Drawing Tablet

Expectations from Bidders

1. 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.

Delivery and Installation Schedules

1. The Bidder should deliver the goods within 45 Days (Maximum) from the date of purchase order.
2. 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 of 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.

SPECIFICATIONS ALL IN ONE PRINTER	
Product	Desktop Printer with Copy, Print and Scan Functions
One Sided Print Speed	A4 B&W: Up to 38 ppm
First-page-out time, Copying	Maximum: 6 Seconds B&W
First-page-out time, Printing	Maximum: 6 Seconds B&W
Resolutions	Minimum Print: 600 x 600 dpi Minimum Scan: 600 x 600 dpi
Scan Options	Scan to Network in black or color
Scan Speed	Minimum 80 IPM duplex A4 / 80 IPM simplex A4
Duty cycle	Minimum 80,000 pages per month
Capabilities	Print, Copy, Scan
Paper Size and Media	Document Feeder and Paper Tray Minimum A6 to A4
Paper Capacity	Tray 1 – 250 sheets minimum Tray 2 – 100 sheets minimum
Connectivity	10/100/1000 Base Ethernet
Other	Supplier Should include a full set of toners with drum cartridge if it requires
Warranty	Parts: minimum 1 (one) year Service: minimum 2 (two) years
Quantity	5

2.

SPECIFICATIONS HIGHSPEED SCANNER	
General	
Form Factor	Desktop Sheetfed Scanner
Control Panel/Display	Color touchscreen
Connectivity	Minimum 10Base-T/100Base-TX and SuperSpeed USB 3.0 (USB 2.0 Compatible)
Media specifications	
Types and sizes	Plain Paper, Thin Paper, Thick Paper, Business Recycled Paper, Card, Plastic Card
Media Weights	Minimum 7 to 100 lbs
Scanning	
Duplex Scanning	Yes
Scan speed	Duplex Black or Color 120 ipm
Scan to	PC, Image, SMB, Email
Interpolated scan resolution	1200 x 1200 dpi
Automatic Document Feeder	Minimum 100 Pages
Multi feed detection	Yes
Paper sensor	Yes
Warranty	Minimum 1 Year
Quantity	1

3.

SPECIFICATIONS DESKTOP SCANNER	
Type	USB Powered Sheetfed Scanner
Interface	Hi speed USB 2.0 & USB 3.0
Types and sizes	Plain Paper, Thin Paper, Thick Paper, Business Recycled Paper, Card, Plastic Card
Paper Weights	Minimum 52 – 128g/m ²
Duplex Scanning	Yes
Scan speed B&W (200DPI)	Minimum 15ppm/30ipm with USB 3.0
Scan speed Color (200DPI)	Minimum 10ppm/20ipm with USB 3.0
Scan Resolution	Minimum 600x600 DPI
Card scanning	54 x 86 x 1.4mm with support of Embossed card scanning
Feeder capacity	Minimum 15 sheets
Power requirements	USB 2.0 bus power: 0.5A (1.0A in combination with power supply USB cable) USB 3.0 bus power: 0.9A Optional AC Adaptor
Warranty	Minimum 1 Year
Quantity	26

4.

SPECIFICATIONS WEBCAM	
Light Correction	Automatic low-light correction
Microphone	Built-in dual microphones with automatic noise reduction
Resolution	1080 p/30 fps – 720p/ 30 fps
Focus Type	Auto Focus
OS Compatibility	Works with Windows and Mac
Connectivity	USB-A
Mount	Clip on or Fix on monitor (top) and Tripod
Quantity	26

5.

SPECIFICATIONS PROJECTOR	
Product Name	Portable Projector
Brightness (Manufacturer Claim)	Minimum 4000 Lumen
Contrast Ratio	Minimum 10,000:1
Native Resolution	FHD 1920x1080
Native Aspect Ratio	16:9
Connectivity	HDMI and VGA
Quantity	4

6.

SPECIFICATIONS PROJECTOR SCREEN	
Product	Projector Screen
Screen Details	White Screen Minimum 100-inch Diagonal
Screen Stand	Adjustable Tripod
Accessories	Carry Bag
Quantity	2

7.

SPECIFICATIONS PORTABLE SOUND SYSTEM	
Type	Powered mixer with 2 passive speakers
Mixing channels	Minimum 8
Output channel functions	Feedback suppressor, 1-Knob Master EQ™
Inputs	Minimum 4 mono mic / line + 4 mono / 2 stereo line
Phantom power	+30V (CH1, 2)
Bluetooth	Bluetooth Ver.4.1
Maximum output power	400W (200 W + 200 W)
Power requirements	220 V – 240 V
Quantity	2

8.

SPECIFICATIONS POINTER	
Product	Laser Pointer
Remote Control	Yes
Control Distance	Minimum 15 Meter
Battery	AAA size
USB Interface	Yes
Compatible Operating System	Microsoft Windows
Quantity	8

9.

SPECIFICATIONS HAND MIC	
Product	Wireless Dual Vocal System
Number of Handhelds	2
Microphone	
Functionality	Transmitter
Transmission	Analog
Form Factor	Handheld
Battery life (alkaline)	Minimum 10 Hr
Detachable Antennas	No
Microphone Receiver	
Receiver type	Dual
Transmission	Analog
Image Rejection	50 dB, typical
Accessories	Must include Tabletop Hand mic stand for each mic
Quantity	4

10.

SPECIFICATIONS PIN MIC	
Product	Wireless Dual Presenter System
Number of Bodypacks	2
Number of Lavalier	2
Microphone	
Functionality	Transmitter
Transmission	Analog
Form Factor	Bodypack
Battery life (alkaline)	Minimum 10 Hr
Muting	Off/On Switch
Detachable Antennas	No
Microphone Receiver	
Receiver type	Dual
Transmission	Analog
Number of compatible systems per frequency band	Minimum 4
Quantity	4

11.

SPECIFICATIONS COMPUTER SYSTEMS	
Product Name	Computer System
Form Factor	Mini Tower
CPU	Minimum 12th Gen, i5 Minimum 18 MB Cache Minimum 6 Core and 12 Threads
RAM	Minimum 16 GB, DDR4, 2666MHz
Graphics	Integrated Graphics
Storage	Minimum 256 GB, M.2 PCIe NVMe SSD
Ports	Minimum Ports Required: 1 RJ45 Gigabit Ethernet 2 USB 3.2 Gen 1 Type A 1 DP or 1 HDMI 1 Headset 3.5mm (Headphone and Microphone Combo)
Peripherals	USB Wired Keyboard & Mouse
Operating System	Windows 11 64bit Pre-Installed
Monitor	Dual 27-inch Full HD 1920 x 1080 at 60Hz IPS Aspect Ratio 16:9 Minimum Contrast Ratio 1,000:1 Minimum Brightness 300 cd/m ² Minimum Inputs: 1 x HDMI 1 x VGA 1 x DP 1 x USB 3.2 Gen 1 Upstream 1 x USB 3.2 Gen 1 Downstream Height adjustable stand
Warranty	Minimum 1 Year Parts & 1 Year Service
Quantity	7
Vendor	Must be an authorized seller for the proposed product

12.

SPECIFICATIONS COMPUTER MONITOR	
Product Name	Computer Monitor
Display	27-inch Full HD 1920 x 1080 at 60Hz IPS Aspect Ratio 16:9 Minimum Contrast Ratio 1,000:1 Minimum Brightness 300 cd/m ²
Ports	Minimum Ports Required: 1 x HDMI 1 x VGA 1 x DP 1 x USB 3.2 Gen 1 Upstream 1 x USB 3.2 Gen 1 Downstream
Stand	Height adjustable stand
Warranty	Minimum 1 Year Parts & 1 Year Service
Quantity	6
Vendor	Must be an authorized seller for the proposed product

13.

SPECIFICATIONS NETWORK SWITCHES	
Product Name	USW-Pro-48-PoE
Gigabit RJ45 Ports	48
SFP+ Ports	4
Form	Rack Mountable
PoE availability	Minimum 600 W
Warranty	1 Year Hardware
Quantity	2

14.

SPECIFICATIONS FOR DRAWING TABLET	
Item	Apple iPad Pro 2022
Size	11 inches
Storage	256 GB
Accessories	Apple Pencil 2 nd Generation Apple 30W Power Adapter Thunderbolt 3 (USB-C) 2m Cable Smart Cover

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ޖަވާބު ހަދާ (ޖ.އ.ސ.ޖ. ރިޑާކްޓަރީޔު)	އަދަދު	ބަޔާނު	#
	5	All-in-One Printer	1
	1	High Speed Scanner	2
	26	Desktop Scanner	3
	26	Webcam	4
	4	Projector	5
	2	Projector Screen	6
	2	Portable Sound System	7
	8	Pointer	8
	4	Hand Mic	9
	4	Pin Mic	10
	7	Computer System	11
	6	Computer Monitor	12
	2	Network Switch	13
	1	Drawing Tablet	14
		މުސާސާތަކުގެ ޖަވާބު ހަދާ (ޖ.އ.ސ.ޖ. ރިޑާކްޓަރީޔު)	
		މުސާސާތަކުގެ ސަރަޙައްދު ފަސޭހަވާ ފޯމުލެއް ފޮނުވާ:	
		މުސާސާތަކުގެ ބަޔާނު ބަލާ ފޯމުލެއް ފޮނުވާ (ފަސޭހަވާ):	
		މުސާސާތަކުގެ ފޯމުލެއް ފޮނުވާ:	

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ދިވެހިސަރުކާރުގެ ގެޒެޓް (ބަންދު ބަންދު)

Bank Guarantee

.....*Bank's name and address of issuing branch or office*¹.....

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. 458.²

..... *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.

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