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ANNEX

Annex for Computer System Specification (Tender Number: MNU-CA-PAMD/2026/93)

ITEM -1

Specification for Computer Systems (Multimedia Use) - (CA-02) Qty: 02

Specification for Computer Systems (Multimedia Use)		
		Your brand and Specifications
	Minimum Requirements	
Brand/Model	DELL/HP/ACER/ASUS/MSI Or Branded	
Processor	Intel® Core™ Ultra 7 Processor 265 (20 core, 20 threads) / AMD Ryzen 7 (9700X series 8 Cores, 16 threads) or higher	
RAM Memory	32GB DDR5	
Storage	500GB PCIe® 4.0 NVMe™ M.2 SSD or 1TB M.2 SATA SSD	
Dedicated GPU	GeForce RTX 5060Ti 16GB GDDR6 or	
Keyboard & Mouse	Keyboard & Optical Mouse	
Display	LED 24" Wide Panel (should have HDMI	
Connectivity	Front: 1x 3.5mm Audio Microphone combo jack 1x USB-C 3x USB-A Back: 1x RJ45 1x HDMI 1x DisplayPort 4x USB-A	
Operating System	Genuine Windows 11 Pro	
Warranty	3 Years service and hardware parts	
Letter	Authorized distributor letter from	

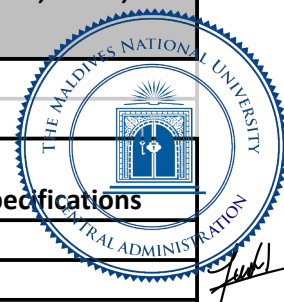
ITEM - 2

Door Lock Access Control Panel -

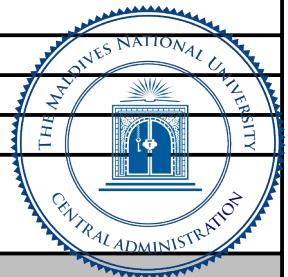
(CA-12, FHS-07, SM-05, SN-04, FE-05, CFS-01, CETE-05, FHTS-05, FSL-05, CMS-02, FEST-08, BS-05, TC-02, HC-01, GC-02, KC-04) Qty: 73

Specifications for Door Lock Access Control Panel

		Your brand and Specifications
	Minimum Requirements	
Model / Brand	Matrix COSEC DCFE or similar	
Credential Support	Fingerprint and RFID Card	



Template Per User	Up to Ten (Single Template per Finger Mode) or Up to Five (Dual Template per Finger Mode)	
Card Type	EM Prox (COSEC PATH DCFE)	
Template Storage Capacity	9600	
Cards Per User	2	
Events Buffer	500000	
Max. Users	10000	
RS-485	Yes (115.2Kbps)	
Ethernet	Yes (10/100Mbps)	
PoE	Yes (IEEE 802.3 af)	
Exit Switch	Yes	
Door Status Sense	Yes (2 State)	
Door Lock Relay	Form C and SPDT Relay (Max	
Door Lock Power	Internal 12V DC @ 0.5 Amp	
Reader Interface types	RS-232 and Wiegand IN/OUT	
Buzzer	Yes	
LED	Single LED (TriColor)	
Flash Memory	512 MB	
RAM Memory	512 MB	
Input Power	12V DC @ 2A	
Humidity	5% to 95% RH Non – Condensing	
Operating Temperature	0°C to +50°C (32°F to 122°F)	
Tamper Detection	Yes	
IP65	Verified	
Certification	CE, ROHS and BIS	
Wi-Fi	Yes (802.11 b/g/n)	
Warrenty	1 year	
Authorization Letter	yes	
System Integration	COSEC CENTRA Server	
Accessories	1 x Magnetic Lock and Button	



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ITEM - 3

Multimedia Projector -
(FHS-02, SM-02, FA-02, FSL-03, CMS-02, FEST-06, BS-02, TC-06, GC-02, KC-06)
Qty: 33

Specifications for Projector

		Your brand and Specifications
	Minimum Requirements	
Brand/Model	Optoma / Benq / Casio	
Image Brightness	4800 Lumens	
Lamp Type	LCD / DLP	
Native Resolution	1920 x 1080	
Features	Keystone, Focus	
Video Input	HDMI and VGA	
Projection Method	Rear, Front and Ceiling	

ITEM - 4

Photocopy Machine - (FE-01) Qty: 1

Specifications for Photocopy Machine		
		Your brand and Specifications
	Minimum Requirements	
Media Sizes	A3, A4, A5	
Media Type	Plain Paper, Envelopes	
Paper Supply	2 Trays (550 Sheets) By pass tray	
Bypass Tray	Yes (100 Sheets A4, A3,A5)	
Print & Copy Speed	25 ppm (A4)	
Continous Copy	Upto 999 copies	
Toner Capacity	40,000 copies	
Memory Size	4 GB	
Hard Disk Size	128 GB	
Scanning Speed	Up to 60 ppm	
Scan File Formats	JPEG, PDF	
Scanning Features	Scan to File, USB	
Color Scanning	YES	
Print Resolution	2400 x 1200 dpi	
Warm-up Time	20 Seconds or less	
Operating System	Compatible windows 10/11	
Duplexing Automatic	Required	
Network Printing	Required	
Warranty & Authorization	1 Year & letter	



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ITEM - 5

Video Conference System - (CMS-01) Qty: 1
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Specifications for Video Conference System		
		Your brand and Specifications
	Minimum Requirements	
Brand/Model	Logitech or (Equivalent)	
Camera Requirements	Smooth motorized pan, tilt, and	
	Controllable via both a dedicated	
	Pan +/- 90°	
	Tilt +35° / -45	
	Minimum 10x lossless High-	
	Support Full HD 1080p at 30 frames per	
	Hardware support for H.264 UVC	
	Autofocus functionality	
	5 camera position presets.	
Audio & Speakerphone Requirements	Full-duplex audio performance with echo cancellation and noise reduction	
	Must support plug-and-play USB connection	

	Status LEDs for speakerphone streaming, mute, hold	
	Pickup Range: Up to 19.69 ft (6 m).	
Cabling	1 x 5 m connection cable to the camera	
	1 x 5 m connection cable to the speakerphone	
	1 x 5 m connection cable to the PC	
	10m Extended Cable	
Mount	Dual purpose mount for wall placement or on a table	
Warrenty	1 year	

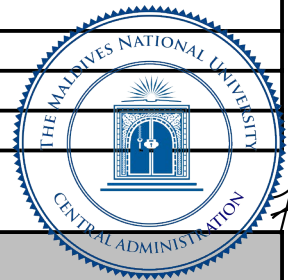
ITEM -6

NVR 32 CH - (TC-01) Qty: 1

Specifications for NVR

		Your brand and Specifications
	Minimum Requirements	
Audio/Video Inputs/Outputs		

IP Video Input	32	
Video Interface	HDMI, VGA	
Recording Resolution	1080p	
Output Resolution	1080p/60Hz	
Decoding and Playback		
Decording Formats	H.264, H.265, H.264+, H.265+	
Synchronous Playback	32-Channel	
HDD Included	4 x 8TB SATA (Surveillance Hard	
Network Interface	1 x RJ45 1000M	
Camera Compatibility		
IP Dome camera	Should support ONVIF protocol	
IP Bullet camera	Should support ONVIF protocol	
Warrenty	1 year	



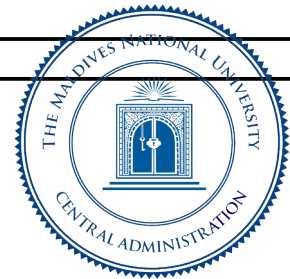
ITEM -7

Interactive Display - (FEST-01) Qty: 1

Specifications for Video Conference System

		Your brand and Specifications
	Minimum Requirements	
Screen Size	85" inch	
Resolution	UHD (3840×2160 4K pixels) 10-bit	
Backlight	D-LED	
Display	16:09 ratio, 178° angle view	
Response Speed	≤ 8ms	
Touch Technology	IR or PCAP with Zero Bonding / 20 points & above for android / 40-50 points for windows / Mac supported	
Touch Support	Finger, Pen, any opaque object	

Touch surface technology	Anti-glare + Anti fingerprint tempered	
Android Specs	Quad/Octa Core CPU, 16GB RAM	
Windows Specs	Intel Core i5, 16GB RAM, 256GB SSD, Pre-installed Win 11 Pro or OPS	
Camera and Mic	In-built (13MP/48MP Opt Camera), 4	
Network	2.4G+5G WiFi, Bluetooth 5.0,	
Input Ports (Rear)	HDMI*1, LAN(RJ45)* 1 , AV in(mini)*2	
Output Ports(Rear)	SPDIF* 1, Headphone 3.5mm*1, AV	
Other Ports(Rear)	USB 3.0* 1, USB2.0* 1, RS232*1 ,	
Front Ports	USB*3(Full function), HDMI in*1, Touch USB* 1, Type-C* 1	
OPS Ports (Optional)	USB2.0, USB3.0, VGA, HDMI-out, RJ45, WIFI,AUDIO OUT, MIC, POWER	
Speakers	20W*2 / 8Ω (Echo-cancellation	
Accessories	Power cable*1;Remote Control*1; Touch Pen*2 ; Wall brackets*1 set	
OS supported	Dual OS support (Windows / Andriod 12.0-14.0)- dual system	
Warranty	2 Year Hardware & Service Warranty	
Featured Apps	4K Screen Lock, Annotation, FileTransfer, FileBrow Whiteboard, Screen Share, Split Screen, Browser, PlayStore, ser, Calender, Welcome Page, ScreenShot, Screen Record , Annotation	



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