

މުޅި އުޅުއްވާ ނަންބަރު



ސުލޫސުމުގެ 1: ސަލާމަތުގެ އިދާރާތަކުން

ސަލާމަތުގެ އިދާރާތަކުން	ސަލާމަތުގެ އިދާރާތަކުން	ސަލާމަތުގެ އިދާރާތަކުން
2024 ވަނަ އަހަރު 12 ވަނަ ޖުމްހޫރީ ދުވަހު	MNU-CA-PAMD/2024/050	ސަލާމަތުގެ އިދާރާތަކުން
45 ވަނަ ދުވަހު (ދުވަހުގެ ތެރޭގައި ވަނަ ދުވަހުގެ ދުވަހުގެ ތެރޭގައި)		ސަލާމަތުގެ އިދާރާތަކުން
މި ސަލާމަތުގެ އިދާރާތަކުން ބޭނުންކުރާ ނަމަ ސަލާމަތުގެ އިދާރާތަކުން ބޭނުންކުރާ ނަމަ		ސަލާމަތުގެ އިދާރާތަކުން
<input checked="" type="checkbox"/> ސަލާމަތުގެ އިދާރާތަކުން ބޭނުންކުރާ ނަމަ ސަލާމަތުގެ އިދާރާތަކުން ބޭނުންކުރާ ނަމަ		ސަލާމަތުގެ އިދާރާތަކުން
<input type="checkbox"/> ސަލާމަތުގެ އިދާރާތަކުން ބޭނުންކުރާ ނަމަ ސަލާމަތުގެ އިދާރާތަކުން ބޭނުންކުރާ ނަމަ		ސަލާމަތުގެ އިދާރާތަކުން
ސަލާމަތުގެ އިދާރާތަކުން	ސަލާމަތުގެ އިދާރާތަކުން	ސަލާމަތުގެ އިދާރާތަކުން
ސަލާމަތުގެ އިދާރާތަކުން	ސަލާމަތުގެ އިދާރާތަކުން	ސަލާމަތުގެ އިދާރާތަކުން
2024 ވަނަ އަހަރު 01 ވަނަ ޖުމްހޫރީ ދުވަހު		ސަލާމަތުގެ އިދާރާތަކުން
10:00		ސަލާމަތުގެ އިދާރާތަކުން
4.000.00 ރުފިޔާ		ސަލާމަތުގެ އިދާރާތަކުން
5%		ސަލާމަތުގެ އިދާރާތަކުން
3345177, 3345123, 3345175		ސަލާމަތުގެ އިދާރާތަކުން
itservices@mnu.edu.mv		ސަލާމަތުގެ އިދާރާތަކުން
3345111, 3345110, 3345109		ސަލާމަތުގެ އިދާރާތަކުން
procurement@mnu.edu.mv		ސަލާމަތުގެ އިދާރާތަކުން



අදාළ පනතින් අනුකූල
පනතින් අනුකූල
පනතින්

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(අ) අදාළ පනතින් අනුකූල
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(ආ) අදාළ පනතින් අනුකූල 250,000 (දෙසෑදහසි
පනතින් අනුකූල)

(ඇ) අදාළ පනතින් අනුකූල 45 (සෑදහසි පනතින්)
පනතින් අනුකූල.

(ඈ) අදාළ පනතින් අනුකූල
පනතින් අනුකූල
පනතින් අනුකූල 7 වන
පනතින් අනුකූල.

ආණ්ඩු පනතින්
ආණ්ඩු පනතින්

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(අ) ආණ්ඩු පනතින්
ආණ්ඩු පනතින්
ආණ්ඩු පනතින් K/CIR/2018/01
ආණ්ඩු පනතින්

(ආ) ආණ්ඩු පනතින්
ආණ්ඩු පනතින් 18 වන
ආණ්ඩු පනතින්

(ඇ) ආණ්ඩු පනතින්
ආණ්ඩු පනතින් 19
ආණ්ඩු පනතින්

පනතින් අනුකූල

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ආණ්ඩු පනතින්
ආණ්ඩු පනතින්
ආණ්ඩු පනතින්
ආණ්ඩු පනතින්



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ وَبِذَلِكَ نَفَعْنَا النَّاسَ

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ وَبِذَلِكَ نَفَعْنَا النَّاسَ

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ وَبِذَلِكَ نَفَعْنَا النَّاسَ

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ وَبِذَلِكَ نَفَعْنَا النَّاسَ

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ وَبِذَلِكَ نَفَعْنَا النَّاسَ

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ وَبِذَلِكَ نَفَعْنَا النَّاسَ

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ وَبِذَلِكَ نَفَعْنَا النَّاسَ

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ وَبِذَلِكَ نَفَعْنَا النَّاسَ

تعمیراتی منصوبہ کی تفصیل:			
محلہ کی تفصیل	تعمیراتی منصوبہ کی تفصیل	تعمیراتی منصوبہ کی تفصیل	تعمیراتی منصوبہ کی تفصیل
			تعمیراتی منصوبہ کی تفصیل
			تعمیراتی منصوبہ کی تفصیل (تعمیراتی)
			تعمیراتی منصوبہ کی تفصیل (تعمیراتی)
			تعمیراتی منصوبہ کی تفصیل

تعمیراتی منصوبہ کی تفصیل (تعمیراتی)	تعمیراتی منصوبہ کی تفصیل:
تعمیراتی منصوبہ کی تفصیل:	تعمیراتی منصوبہ کی تفصیل:
تعمیراتی منصوبہ کی تفصیل:	تعمیراتی منصوبہ کی تفصیل:
تعمیراتی منصوبہ کی تفصیل:	تعمیراتی منصوبہ کی تفصیل:

تعمیراتی منصوبہ کی تفصیل

تعمیراتی منصوبہ کی تفصیل 3 اراکوں کی تشکیل دے گا (تعمیراتی، تعمیراتی، تعمیراتی) : (05 تعمیراتی)

تعمیراتی	تعمیراتی	تعمیراتی	تعمیراتی
20	20	20	تعمیراتی
			تعمیراتی

تعمیراتی 3 اراکوں کی تشکیل دے گا:

تعمیراتی 15 تعمیراتی : (15 تعمیراتی)

تعمیراتی 50% تعمیراتی

تعمیراتی منصوبہ کی تفصیل			
#	تعمیراتی منصوبہ کی تفصیل	تعمیراتی منصوبہ کی تفصیل	تعمیراتی منصوبہ کی تفصیل

تعمیراتی 15 تعمیراتی

تاریخ	تعداد	تعداد	تعداد
تعداد	تعداد	تعداد	تعداد
1			
2			
3			
4			
5			
6			
			جمع

تعداد	تعداد
تعداد	تعداد
تعداد	تعداد
تعداد	تعداد
تعداد	تعداد

BID SECURITY FORMAT

The Issuing Bank shall fill in this Bank Guarantee Form in accordance with the instructions indicated.

_____ [Bank's Name, and Address of Issuing Branch or Office]

Beneficiary: _____ [Name and Address of Procuring Entity]

Date: _____

BID GUARANTEE 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. [Procurement Reference number] ("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 figures] ([amount in words]) 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 Form of Bid; or
- (b) having been notified of the acceptance of its Bid by the Procuring Entity during the period of bid validity, (i) fails or refuses to execute the Contract Form; or (ii) fails or refuses to furnish the performance security, if required, in accordance with the Instructions to Bidders.

This guarantee will expire: (a) if the Bidder is the successful Bidder, upon our receipt of copies of the contract 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) twenty-eight 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.

[signature(s)]

PERFORMANCE GUARANTEE FORMAT

[The issuing bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

Date: *[insert date (as day, month, and year)]*

Title of the procurement: *[Insert general title of the procurement]*

Procurement Reference No: *[insert reference]*

Bank's Branch or Office: *[insert complete name of Guarantor]*

Beneficiary: *[insert complete name of Procuring Entity]*

PERFORMANCE GUARANTEE No.: *[insert Performance Guarantee number]*

We have been informed that *[insert complete name of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[insert number]* dated *[insert day and month]*, *[insert year]* with you, for the supply of *[description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a Performance Guarantee is required.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum(s) not exceeding *[insert amount(s)¹ in figures and words]* upon receipt by us of your first demand in writing declaring the Supplier to be in default under the Contract, without cavil or argument, or your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This Guarantee shall expire no later than the *[insert number]* day of *[insert month]* *[insert year]*,² and any demand for payment under it must be received by us at this office on or before that date. We agree to a one-time extension of this Guarantee for a period not to exceed *[six months]* *[one year]*, in response to the Procuring Entity's written request for such extension, such request to be presented to us before the expiry of the Guarantee.

This guarantee is subject to the Uniform Rules for Demand Guarantees, ICC Publication No. 458, except that subparagraph (ii) of Sub-article 20(a) is hereby excluded.

.....

[signatures of authorized representatives of the bank]

¹ The Bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency(ies) of the Contract or a freely convertible currency acceptable to the Procuring Entity.

² Dates established in accordance with Clause 18.4 of the General Conditions of Contract ("GCC"), taking into account any warranty obligations of the Supplier under Clause 16.2 of the GCC intended to be secured by a partial Performance Guarantee.

BANK GUARANTEE FOR ADVANCE PAYMENT

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated.]

Date: *[insert date (as day, month, and year)]*

Title of the procurement: *[Insert general title of the procurement]*

Procurement Reference No: *[insert reference]*

[Issuing bank's letterhead]

Beneficiary: *[insert legal name and address of Procuring Entity]*

ADVANCE PAYMENT GUARANTEE No.: *[insert Advance Payment Guarantee no.]*

We, *[insert legal name and address of bank]*, have been informed that *[insert complete name and address of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[insert number]* dated *[insert date of Agreement]* with you, for the supply of *[insert types of Goods to be delivered]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, an advance is to be made against an advance payment guarantee.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of *[insert amount(s)³ in figures and words]* upon receipt by us of your first demand in writing declaring that the Supplier is in breach of its obligation under the Contract because the Supplier used the advance payment for purposes other than toward delivery of the Goods.

It is a condition for any claim and payment under this Guarantee to be made that the advance payment referred to above must have been received by the Supplier on its account *[insert number and domicile of the account]*

This Guarantee shall remain valid and in full effect from the date of the advance payment received by the Supplier under the Contract until *[insert date⁴]*. We agree to a one-time extension of this Guarantee for a period not to exceed *[six months][one year]*, in response to the Procuring Entity's written request for such extension, such request to be presented to us before the expiry of the Guarantee.

This Guarantee is subject to the Uniform Rules for Demand Guarantees, ICC Publication No. 458.

[signature(s) of authorized representative(s) of the bank]

³ The issuing bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency(ies) of the Contract or a freely convertible currency acceptable to the Procuring Entity.

⁴ Insert the Delivery date stipulated in the Contract Delivery Schedule.

ސަލާމް ސަލާމް - 3: ބަލަވާ ސަލާމް ސަލާމް / ސަލާމް ސަލާމް ސަލާމް
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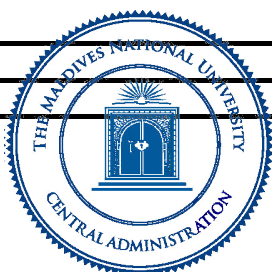
ANNEX 1 IT Equipment (Technical Specifications)

CATEGORY-1

1. High End Laptop (Multimedia Use) (CA-02) Qty: 02

Specification for high-end Laptop (Multimedia Use)

	Your brand and Specifications
	Minimum Requirements
Model/Brand	MSI/Dell Alienware/Asus ROG/Acer Predator or equivalent
CPU	13th Gen Intel® Core™ i7-13700HX processor or Higher
GPU	NVIDIA® GeForce RTX™ 4070 or Higher
RAM	32GB DDR4 or DDR5
Display	15.6 inches or above
	FHD 360Hz, QHD 240Hz or 4K 144Hz
	1080 x 1920 pixels or Higher
Storage	2TB PCIe® 4.0 NVMe™ M.2 SSD
Connectivity	1x RJ45 1GbE LAN or Higher
	Wi-Fi 6E + Bluetooth 5.2 or Higher
	1x Type-C (USB / DP / Thunderbolt™ 4) with PD charging
	2x Type-A USB3.2 Gen2
	1x HDMI 2.1
	Built-in Stereo speakers 3.5mm headphone/microphone combo port
Webcam	1080p 30fps HD camera
Operating System	Genuine Windows 11 Pro
AC Adapter Type	UK Power Cord
Accessories	Type C Docking Station Front IO: x1 SD Card Reader x1 MicroSD Card Reader x1 USB-A 3.2 Gen2 10Gbps x1 USB-A 2.0 480Mbps x1 3.5mm Audio Combo Jack x1 Type C Thunderbolt 4 x1 Power Button
	Rear IO: x1 Kensington Lock Slot x1 DC 20V Power in x2 DisplayPort 1.4 x2 HDMI 2.1 1x RJ45 1GbE LAN or Higher x1 USB-C 3.2 Gen2 10Gbps x4 USB-A 3.2 Gen2 5Gbps
AC Adapter Type	UK Power Cord
Warranty	3 Years service and hardware parts



2. Laptop (Touch Screen) (CA-07) Qty: 07

Specification for Laptop (2 in 1 touchscreen)

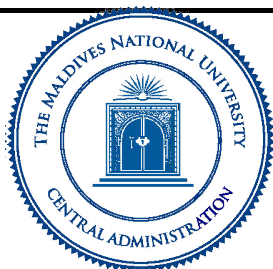
	Minimum Requirements	Your brand and Specifications
Model/Brand	HP/Lenovo/ASUS/Acer/DELL	
CPU	Intel® Core™ Ultra 5 125H / 13th Generation Intel® Core™ i5-1335U Processor	
RAM	16GB DDR4/DDR5	
Display	14"inch OLED Resolution 1920x1080p or higher Touchscreen, multitouch-enable	
Storage	256 NVMe M.2 SSD or higher	
Connectivity	WiFi 6 or higher Bluetooth 5.1 or higher 1x USB C Thunderbolt	
Accessories	Compatible Stylus PEN (Quotated brand manufactured) Laptop Bag	
Operating System	Genuine Windows 11 Pro	
AC Adapter Type	UK Power Cord	

CATEGORY-2

1. Network Switch (CA-10, FSL-02, KC-01, TC-01) Qty:14

Specification for Network Switch 24port (POE)

	Minimum Requirements	Your brand and Specifications
Model	HPE, Cisco,Huawei	
Ports	24 x 1G RJ45 Ports 2 x SFP ports 2 x SFP+ (10G) ports	
Power Over Ethernet	24W per port	
Manageable	Yes	
Features	Layer 2 switching, VLAN Support, IPv6 support, Rapid Spanning tree Protocol (RSTP) Support, Multiple Spanning tree protocol (MSTP) Support, DHCP snooping, Dynamic Trunking protocol (DTP) Support, Port Security	
Forwarding Rate	60 Mpps	
Flash Memory	128 MB	
RAM	256 MB	
Form Factor	1U Rackmount / Standalone	
Warranty	3 Years basic hardware warranty	



2. WiFi Access Point (FE-05, TC-06) Qty: 11

Specifications for Indoor Wireless access point

	Minimum Requirements	Your brand and Specifications
Controller Compatibility	Unifi Controller	
Environment	Indoor	
WiFi Standards	802.11a/b/g WiFi 4/WiFi 5/WiFi 6	
Throughput Speeds: 2.4 GHz	573.5 Mbps	
5 GHz	4.8 Gbps	
Ports	(1) Gigabit Ethernet	
PoE Mode	48V, 0.5A PoE adapter	
PoE Injector	required	

3. Server Switch (CA-02) Qty: 02

Specification for 10G 12-Port Network Core Switch

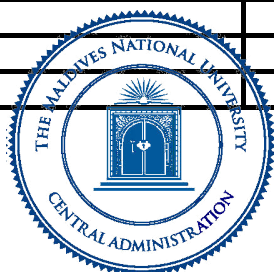
	Minimum Requirements	Your brand and Specifications
Model	Aruba Instant On or equivalent	
Port Type	10G SFP+	
Ports	12 x 10G RJ45 ports	
Switching capacity	320 GB	
Throughput capacity (Mpps)	238 Mpps	
Uplink Ports	4 x SFP+ 10Gbe ports	
Manageable	yes	
Accessories	4x SFP-10G-T-X Compatible SFP+ 10GBASE-T Copper RJ-45 Transceiver Module	
	6x Singlemode duplex LC - LC 10 Meter patch cable	
	10x Singlemode duplex LC - LC 1 Meter patch cable	
Released Year	2022	
Warranty	3 Years Warrantanty	

CATEGORY-3

1. CAT 6 UTP Cable Box (CA-40) Qty: 40

Specifications for CAT 6 UTP Cable Box

	Minimum Requirements	Your brand and Specifications
Brand	Hikivison/dahua/LS	
Catergory	UTP/CAT6-4P	
Rip-cord	Yes	
Overall Foil Screen	Yes	
Packaging	Box	
Insulation Material	PVC	
RoHS complaint	Yes	



2. Battery Cartridge (CA-10) Qty: 10

Specification for APC Replacement Battery Cartridge

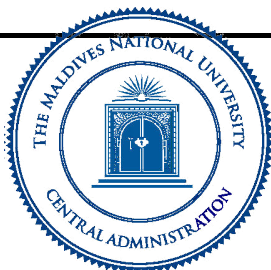
		Your brand and Specifications
		Minimum Requirements
Replacement Battery	RBC18	
Battery type	Lead-acid battery	
Typical recharge time	5hour(s)	
Output		
Battery Capacity (mAh)	9000	
Battery Output Voltage	12 V	
Input		
Number of Power Cords	1	
Batteries & Runtime		
Battery type	Lead-acid battery	
Battery mounting	Stand alone battery stack	
Expected Battery Life (years)	3 - 5 Years	
RBC Quantity	1	
Battery Charge Power (Watts)	22 Watts	
Model Compatibility	Should be compatible with - SMART-UPS SC450VA 230V	
Warranty	1 year	

CATEGORY-4

1. CCTV Camera (KC-20, FHS-19) Qty: 39

Specifications for CCTV IP Camera (Dome)

		Your brand and Specifications
		Minimum Requirements
HARDWARE		
Sensor	1/3" CMOS /CCD	
Progressive scanning	Required	
Mega Pixel	4MP	
IR Distance	30FT or higher	
Night Vision	Required	
Power input	DC12V and PoE (802.3af)	
AUDIO VIDEO ENCODING		
Video Compression	H.265+/H.265/H.264+/H.264/ MPEG4	
Frame rate	50 Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720)	
Privacy Mask	4 programmable polygon privacy masks	
DATA TRANSMISSION AND STORAGE		
Alarm Trigger	Motion detection, tampering alarm, network disconnect , IP address conflict, storage exception	



2. CCTV Camera (KC-20, FE-05, TC-09) Qty: 34

Specifications for CCTV IP Camera (Bullet)

		Your brand and Specifications
		Minimum Requirements
HARDWARE		
Sensor	1/3" CMOS/CCD	
Mega Pixel	4MP	
Night Vision	Required	
IR distance	50FT or higher	
Power input	DC12V and PoE (802.3af)	
AUDIO VIDEO ENCODING		
Video Compression	H.265+/H.265/H.264+/H.264/ MPEG4	
Resolution	50 Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720)	
DATA TRANSMISSION AND STORAGE		
Alarm Trigger	Motion detection, tampering alarm, network disconnect , IP address conflict, storage exception	
GENERAL PARAMETERS		
Built-in Micro SD/SDHC/SDXC slot	Support up to 128 GB	
Environmental Casing	Outdoor Use Weather Proof:IP67	
Features	3DNR, Day/Night(ICR)	

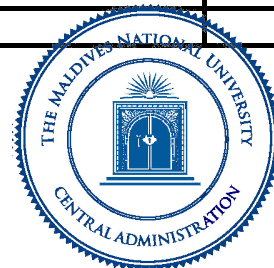


CATEGORY-5

1. Outdoor PA System (Sound System for Events) (SM-01) Qty: 01

Outdoor PA System Specification (Sound System for Events)

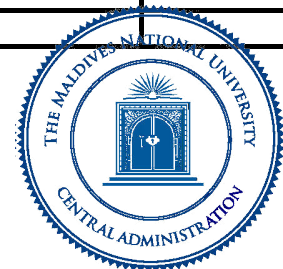
		Your brand and Specifications
		Minimum Requirements
Model	Yamaha STAGEPAS 600BT or equivalent	
System Type	Powered mixer with 2 passive speakers	
Frequency Range (-10dB)	55Hz-20kHz	
Maximum SPL (Measured Peak IEC Noise@1m)	129dB SPL / speaker	
Power Consumption	35W (Idle), 100W (1/8 Power)	
Power Requirements	100V-240V 50Hz/60Hz	
Powered Mixer		
Mixing Channels	10	
Analog Inputs	4 mono mic/line + 6 mono / 3 stereo line	
Bluetooth Input	Bluetooth Ver.4.1, A2DP v1.2, Maximum Range: Approx. 10 m	
Channel EQ	3-band (HIGH Shelving: 8kHz, MID peaking: 2.5kHz, LOW Shelving: 100Hz)	
Channel Functions	Hi-Z switch: CH4, ST/MONO switch: CH5/6-9/10	
Digital Effects	SPX digital reverb (4 program, parameter control)	
Output Processing	Feedback suppressor, 1-Knob Master EQ™	
Phantom Power	(+30V (CH1, 2))	
Outputs	SPEAKERS OUT (L, R), MONITOR OUT (L/MONO, R), SUBWOOFER OUT (MONO) with auto HPF	
Control and Others	Reverb foot switch	
Built in Amplifiers		
Power Rating (Dynamic)	680W (340W + 340W)	
Power Rating (Continuous)	560W (280W + 280W)	
Speaker		
Type	Two-way bass-reflex speakers	
Components	LF: 10" (25cm) cone, HF: 1.4" (3.56cm) voice coil compression driver	
Accessories		
Included Accessories	Speaker cables (30m) x 2, Speaker stand x 2, Microphone Stand x 2	
Warranty	1 year	
Authorized Letter	Authorization Letter	



2. Auditorium Speaker (2 Pair) (CA-04) Qty: 04

Auditorium Speaker for CA (Passive) [PAIR]

	Your brand and Specifications
	Minimum Requirements
Model	Yamaha CZR15W OR Equivalent
PA Speaker	
Quantity	2 Pair (4 Speaker Unit)
Configuration	Passive 2-Way
Enclosure Type	Bass-Reflex Loudspeaker
Total Power Capacity	Passive: 400 W RMS, 800 W Program, 1600 W Peak Bi-Amp / LF: 400 W RMS, 800 W Program, 1600 W Peak Bi-Amp / HF: 50 W RMS, 100 W Program, 200 W Peak
System Impedance	8 Ohms (Passive) LF: 8 Ohms (Bi-Amp) HF: 16 Ohms (Bi-Amp)
Drivers	
HF Driver	1 x Rotatable Horn Titanium Compression Driver with 1" / 25.4 mm Throat
HF Voice Coil	2" / 50.8 mm
LF Driver	1 x 15" / 381 mm Woofer
LF Voice Coil	3" / 76.2 mm
Magnet	HF: Neodymium LF: Neodymium
Performance	
Frequency Range	43 Hz to 20 kHz -10 dB
Maximum SPL	129 dB SPL (Peak, Passive) 131 dB (LF, Peak, Bi-Amp) 131 dB SPL (HF, Peak, Bi-Amp)
Coverage Angle	90° H x 50° V (Rotatable Horn) 90° H x 50° V (Monitor)
Speaker Sensitivity	Passive: 97 dB SPL Bi-Amp/LF: 99 dB Bi-Amp/HF: 108 dB SPL
Connectivity	
Audio I/O	2 x speakON NL4
Signal Processing	
Crossover	2 kHz
Physical	
Mounting	12 x M10 Fly Point 2 x 1.4" / 35 mm Pole Socket (Dual Angle, Top)
Colour	White
Accessories	Mounting Hardware (Should be included)
Installation	Required
Warranty (Required)	1 year



CATEGORY-6

1. Digital Signage Flat Panel (CA-01) Qty: 01

Digital Signage Flat Panel Specifications

		Your brand and Specifications
		Minimum Requirements
Model	Samsung LH85QMDPLGC/ZA or equivalent	
Display		
Display diagonal	85 "	
Response time	6 ms	
Display technology	LED	
Display resolution	3840 x 2160 pixels	
Display brightness	500 cd/m ²	
Touchscreen	No	
Contrast ratio (typical)	5000:01:00	
Viewing angle, horizontal	178 °	
Viewing angle, vertical	178 °	
Display number of colors	16.78 million colors	
HD type	4K Ultra HD	
Active display area (W x H)	1053 x 1872 mm	
Display diagonal (metric)	215.9 cm	
LED type	Slim Direct LED BLU	
Supported graphics resolutions	3840 x 2160	
Color gamut	72%	
Audio		
Built-in speaker(s)	Yes	
Number of built-in speakers	1	
Ports & interfaces		
Ethernet LAN	-	
HDMI ports quantity	3	
DVI port	Yes	
DVI-D ports quantity	1	
VGA (D-Sub) input ports	0	
Ethernet LAN (RJ-45) ports	0	
USB port	-	
Wi-Fi	-	
Competible Wall Mount	Required	
Installation	Required	
Warranty	3 Years	

CATEGORY-7

1. SMART TV (FSL-01) Qty: 01

Specification for Smart TV

		Your brand and Specifications
		Minimum Requirements
Model	Samsung / Philips / LG / Sony	
Display	85" QLED/OLED 4K Resolution	
Connectivity	2x HDMI 2.1	
	1x HDMI (ARC)	
	2x USB-A	
	1x Ethernet (LAN)	
	WIFI and Bluetooth	
	Wireless display capable	
Warranty	1 year	



CATEGORY-8**1. Photocopy Machine (NLL-01) Qty: 01****Specifications for Photocopy Machine**

		Your brand and Specifications
	Minimum Requirements	
Media Sizes	A3, A4, A5	
Media Type	Plain Paper, Envelopes	
Paper Supply	2 Trays (500 Sheets)	
Bypass Tray	Yes (100 Sheets A4, A3)	
Print & Copy Speed	45 ppm (A4) 25 ppm (A3)	
Continous Copy	Upto 999 copies	
Toner Capacity	30,000 copies	
Memory Size	2 GB	
Hard Disk Size	128 GB	
Scanning Speed	40 SPM	
Scan File Formats	JPEG, PDF	
Scanning Features	Scan to File, USB	
Color Scanning	YES	
Print Resolution	600 x 600 DPI / 256 Levels	
Warm-up Time	16 Seconds or less	
Operating System	Compatible windows 10/11	
Duplexing Automatic Document Feeder	Required	
Network Printing	Required	
Warranty & Authorization Letter	1 Years & letter	

