ANNEX A – SPECIFICATION

ITEM 1			LED SCREEN		
QUANTITY REQUIRED			1		
Ser No.	Specification		Compliance (Please Tick)		Remarks (To Be Completed by Tender)
			YES	NO	
(a)	(b)		(c)	(d)	(e)
1	**INDOOR LED DISPLAY** Supplier must provide an indoor LED screen display system with a screen size of **8m (width) x 5m (height)**. The package must include all necessary components, such as power supply units, receiving cards, cables, and spare modules, to ensure a fully functional and reliable display system. The LED screen should deliver high resolution, vibrant color reproduction, and seamless panel integration for a superior viewing experience. The structure must be durable with easy maintenance and serviceability. *Brand: Bigstar or Equivalent					
	1.1 - SWITCHERS Supplier must provide a high-performance video switcher capable of seamlessly managing multiple video sources and outputs. The switcher must support various formats and resolutions, ensuring smooth transitions and reliable performance during presentations and live events. The system should allow for real-time video processing, signal scaling, and format conversion. *Brand: Extron or equivalent					
	1.2 - CONTROL SYSTEM The control system must include a control processor to efficiently manage and automate system operations, an Input and Output expansion interface to accommodate various input and output connections for scalability, a power conditioner and sequencer to regulate voltage, protect against power surges, and ensure safe sequential power-up of components, a network switch with sufficient ports for stable and high-speed data communication between all components, and a Power over Ethernet (PoE) wireless access point to enable					

remote control, monitoring, and flexible access to the system. *Brand: Extron or equivalent			
1.3 - CABLES AND ACCESSORIES Supplier must provide all necessary cables, mounting hardware, and accessories required for the complete setup of the LED and LCD display systems. This includes but is not limited to signal cables, power cables, network cables, mounting brackets, and racks to ensure a secure and professional installation. All components must meet industry standards for durability and performance.			
1.4 - INSTALLATION Supplier is responsible for the complete installation of the LED display, LCD display, processors, mounts, switchers, transmitters, receivers, racks, programming, audio integration, and cabling. The installation process must be carried out by qualified professionals to ensure a secure and optimal setup. Proper alignment, calibration, and configuration of all components must be conducted to guarantee seamless performance.			
1.5 - TESTING & COMMISSIONING After installation, supplier must perform testing and commissioning of all supplied equipment. This includes verifying system functionality, ensuring display calibration, testing input/output connections, and conducting operational training for end-users. A final system report must be submitted, confirming that all components meet the required specifications and are fully operational.			

ITEM 2			LCD DISPLAY		
QUANTITY REQUIRED			2		
Ser No.	Specification		Compliance (Please Tick)		Remarks (To Be Completed by Tender)
			YES	NO	
(a)	(b)		(c)	(d)	(e)
2	**LCD DISPLAY** A **98-inch 4K LCD display**, offering ultra-high-definition resolution for sharp and detailed image clarity. The display must support HDR, wide color gamut, and high refresh rates, ensuring optimal performance for presentations, video playback, and real-time data visualization. The screen should be equipped with multiple connectivity options such as HDMI, DisplayPort, and USB-C for flexible usage. *Brand: LG or equivalent					

MAINTENANCE				
DURATION		**5 YEARS**		
Ser No.	Specification	Compliance (Please Tick)		Remarks (To Be Completed by Tender)
		YES	NO	
(a)	(b)	(c)	(d)	(e)
3.0	**VISUAL INSPECTION** • Perform a visual inspection to check for physical damage on the screen and frame, and inspect the cables, connectors, and ports.			
3.1	**FUNCTIONAL TESTING** • Test the picture quality (colour, brightness, sharpness), sound quality (volume, clarity, channels), verify remote control functionality, and test all input/output ports (HDMI, USB, etc.).			
3.2	**CLEANING** • Clean the screen of dust and smudges, clean the vents, ports and internal areas.			
3.3	**SOFTWARE & FIRMWARE UPDATES:** • Ensure latest software/firmware is installed & verify compatibility with smart features.			
3.4	**HARDWARE INSPECTION & REPAIRS:** • Check screen/panel for defects (dead pixels, discoloration). • Inspect backlight system for uniformity. • Examine internal components (power supply, circuit boards). • Verify speaker performance.			
3.5	**CALIBRATION** • Adjust picture settings (contrast, brightness, sharpness). • Adjust sound settings for optimal output.			
3.6	**CONNECTIVITY TESTS** • Test HDMI, USB, and network ports. • Check wireless connectivity (Wi-Fi, Bluetooth).			
3.7	**PERFORMANCE TESTING** • Run stress tests for long-term usage. • Monitor for overheating or freezing.			

3.8	**REPLACEMENT PARTS AND WARRANTY CHECK** • Identify faulty parts within the TV, such as damaged screens, defective components, or malfunctioning circuits. • Replace faulty parts with suitable, compatible replacements. • Verify the warranty coverage to ensure that replacement parts are covered. • Determine if any costs are involved for the repairs or replacements.			
3.9	**SAFETY CHECK** • Inspect the TV for electrical safety by checking all internal wiring, components, and power connections. • Ensure all connections are secure and properly insulated. • Verify that there are no exposed wires or potential hazards. • Check for damaged or worn-out parts to avoid short circuit risks. • Ensure that the TV's electrical components are functioning safely and within acceptable parameters			
3.10	**DOCUMENTATION** • Maintain detailed service and repair records, documenting every maintenance task, repair, or replacement performed on the LED. • Include the date, parts used, and any issues identified and resolved in the records. • Record all software updates and modifications, noting version updates and changes made to the system. • Document any settings or configurations that were altered. • Ensure a comprehensive history of the LED's maintenance for easier tracking of future repairs or troubleshooting needs.			
3.11	**SERVICE SUPPORT** • Provide trouble shooting advice • Provide contact information for a one-call repair service for future issues or repairs			