Section VI. Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Item No.	Description	Quantity	Unit	Delivered, Weeks/Months
1	**INTERACTIVE AUDIO VISUAL AND CONFERENCE SYSTEM** A. Branded Interactive Flat Panel with Mobile Stand — Brightness: 400cd/m2 Contrast Ratio 5000:1 — Panel: Type TFT — Backlight: Direct LED (DLED) — Resolution: 4K UHD (3840*2160) — Aspect: Ratio 16:9 — Response Rate: 6m/s — Refreshing Frequency: 60Hz — Viewing Angle: 178°(H), 178°(V) — Backlight Life Time:50,000 hrs — Display Colors: 10bit(1.07B) — Glass: 4mm Anti-Glare Tempered Glass with Zero Bonding (MOHS 7) — Touch Technology: Infrared — Touch Point: 20-point touch/writing — Touch Resolution: 32768 x 32768 — Response Rate: <4ms(single touch <6ms(max touch inputs) — Touch Accuracy: ≤1mm — Recognition: Finger or passive stylus — Writing Height: 2mm — Minimum Touch Object: 2mm — Supported O.S.: HID Support & Win10/Win8/Win7/Mac OS/Android/Chrome OS/Linux — CPU Framework : Quad-core A55 — CPU Processor Speed : 2.0GHz — GPU: Mali G52MP2 — RAM: 4GB DDR4 — ROM : 32GB EMMC — OS Version: Android 11.0 — Portd: 3 x USB3.0 (Android&PC) , HDMI IN 2.0 x 1, Touch-USB x 1, Type C (USB2.0, Audio&Video, Touch, 5W Power) x 1 — Input: RJ45 (10/100MB) x 1,HDMI 2.0 (4K@60fps) x 2,VGA x 1,Audio x 1,USB 2.0 (Android) x 1,USB 3.0 (Android) x 1,AV x 1,RS232 x 1,YPBPR x 1,Touch-USB x 1	1	lot	Ninety (90) Calendar Days upon receipt of Notice to Proceed

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− Output: HDMI 2.0 (4K@60fps) x1, COAX SPDIFx 1,AVx 1, Earphones x 1 − Speakers: 15W*2 − Light Sensor − Temperature Monitor − WiFi & Hotspot: 802.11 a/b/g/n/ac embedded (2.4G/5G Dual Module) − Bluetooth: 5.0 B. Branded 180 Degrees Panoramic 4K Plug and Play Video Solution Camera with Bracket − Number of cameras: 3 − Type of camera: Panoramic multi-camera array − Camera resolution: 13 megapixels − Video Conferencing Room: Up to 6x lossless digital zoom − Field of view Horizontal: 180°, Vertical: 54° − Resolution: Panoramic-4K: 3840 x 1080 @ 30fps − Intelligent Video Conferencing Room − Intelligent Meeting Space − Dynamic Composition: Single-stream Dynamic Composition (BYOD + MTR + ZR), Multi-stream Dynamic Composition − Virtual Director, Vivid HDR − Speakers: 2 x 2" (50mm) woofers, 2 x 3/4" (20mm) tweeters − Speaker frequency range: 80Hz - 20000Hz − Number of speakers: 4 − Automatic Speaker Detection − Audio codecs supported: SBC − Microphone type: 8 microphone beamforming array - certified for rooms up to 4.5m x 6m − Number of microphones: 8 − Microphone sensitivity: -37dBFS − Microphone frequency range: 100Hz - 8000H − Connectivity: USB-A, USB-C, Ethernet (RJ45) for connection to supported management systems, Wi-Fi Supported USB versions USB 2.0, USB 3.0 Bluetooth Low Energy (LE audio) C. Branded 12 Channel Analog Mixer − Computer Connectivity: USB (2 x 2) − Faders: 9 x 60mm Throw − Inputs-Mic Preamps:4 x XLR − Phantom Power: 4 − Inputs-Line: 8 x TRS, 2 x RCA − Outputs - Main: 2 x XLR, 2 x TRS − Outputs-Other: 2 x RCA − Aux Sends: 1 x Pre, 1 x Post			

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– Send/Return I/O:2 x 1/4" (Send), 4 x 1/4" (Return) – Busses/Groups: 2 x Bus – Headphones: 1 x 1/4" – USB: 1 x Type B – EQ Bands: 3-band – Rackmountable: Yes (Includes Rack Ears) D. Branded 2 Channel Power Amplifier with 6 X 5 1/4" Surface Speakers – Power Amplifier Features: 2-channel PA power amplifier. 100 V or 70 V output for PA installations. Highly efficient and reliable class D amplifier thanks to low maintenance protection circuits. – Safe and easily connectable euroblock connectors – Excellent sound quality and little noise. – Power: 2 x 540 W Peak (2 channels), 1 x 600 W Peak (1 channel) | 2 x 135 W RMS (2 channels), 1 x 150 W RMS (1 channel) – Response: 20-20.000 Hz – Gain: 40 dB – Distorsion: THD+N: <0.04% (1 kHz) – S/N Ratio: >95 dB – Crosstalk: >85 dB – Dynamic Range: >105 dBA – Damping Factor: >200 (1 kHz, 8 Ω) – Inputs: 2 balanced/unbalanced aux lines, euroblock, 20,000 Ω/10,000 Ω, 0.9-1.1 V RMS 1 emergency/test, euroblock, 1 V RMS (0 dBV) – Outputs: 1 GPIO fault indicator output, 5 V DC, euroblock – Functions: Forced ventilation with variable speed according to the temperature LED power, protection, priority and peak signal indicators Emergency input priority/contact closure test, euroblock Disabling/mute via contact closure, euroblock – Protection: Overload, short circuit, open circuit, temperature, ultrasound and radio frequency – Controls: Volume for each channel 100/70 V switch on rear panel – Impedance: 100 and 70 V lines, euroblock E. Speaker – Features: Low impedance loudspeaker with 100 V line transformer. Prepared for outdoor use, waterproof and rustproof materials. – Power: 80 W max., 40 W RMS			

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— Speakers: 1 x 5 ¼" polypropylene woofer 1 x 1" tweeter — Response: 80-20,000 Hz — Impedance: 40 W RMS@100 V (250 Ω) 20 W RMS@100 V (500 Ω) 10 W RMS@100 V (1,000 Ω) 5 W RMS@100 V (2,000 Ω) — Low Z: 8 Ω — Sensitivity: 88.3 dB @ 1 W/1 m — Maximum Sound Pressure: 102.2 dB @ máx. W/1 m — Coverage Angle: H/V: 200º/200º@500Hz, 135º/135º@1kHz, 100º/120º@2kHz, 60º/80º@4kHz (-6 dB) — Protections: IP-66 in compliance with EN 60529 IEC 60068-2-11 Enviromental Test (Salt Mist) — Material: ABS (UV resistance) Aluminum mesh grille, with powder-coated finish Weather-resistant mount Stainless steel screws — Switch: W selector in high Z and low Z — Connectors: Euroblock in and out for cable 0.25-2.5 mm² cross section — Temperature Range: -10ºC ~ 60ºC — Colour: Black (RAL 9005) — Dimensions: Loudspeaker: 162 x 263 x 147 mm depth — Accessories: Adjustable mounting bracket ± 60º in all directions. Steel safety cable F. 1 x 2 Port HDMI + USB 3.0 Female Wall Face Plate Panel Outlet Socket Extender, White G. Video Conferencing Room License, 1-Year H. Branded 22-Channel Digital Mixing Console — Mixing Capacity Input Channels Mix Buses Matrices Stereo Buses FX Buses Cue Buses General specifications I/O Connectors Analog Input Analog Output Dante Network USB TO HOST USB TO DEVICE Phones DC User Interface Recording & Playback PC/ Mac USB storage device Sampling frequency rate Signal delay Frequency response Total harmonic distortion Hum & noise level Equivalent input noise Residual output noise Dynamic range Crosstalk Power requirements Power consumption Dimensions WHD Net weight Included Accessories Operating temperature Storage temperature DM3-D DM3 Standard Outline Mixing Capacity Input Channels: 16 mono + 1 stereo + 2 FX return			

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— Mix Buses: 6 — Matrices: 2 (Supports Input to Matrix) — Stereo Buses: 1 — FX Buses: 2 — Cue Buses: 1 — Analog Input: 16 Mic/Line (12 XLR + 4 XLR/TRS Phones Combo) — Analog Output: 8 (XLR) — Dante: 2 (etherCON: Primary/Secondary) — Network: 1 (RJ-45) — USB TO HOST: 1 (USB Type-B, USB2.0) — USB TO DEVICE: 1 (USB Type-A) — Phones: 1 (TRS Phones) — DC: 1 (XLR 4pin, DC power IN) — User Interface: 1 x 9-inch multi-touch screen, 9 x faders (8 channels + 1 main), 1 x "Touch and Turn" rotary encoder — Recording and Playback: Recording 18 track, Playback 18 track — USB storage device: Recording 2 track (USB hard disk / SSD / flash memory), Playback 2 track (USB hard disk / SSD / flash memory) — Sampling frequency rate:96 kHz / 48 kHz 96 kHz / 48 kHz — Signal delay: Less than 1.3 ms, (CH INPUT to OMNI OUT, Fs=96 kHz) — Frequency response: +0.5, -1.0 dB 20 Hz-20 kHz, reference to the nominal output level@1 kHz, INPUT to OMNI OUT — Total harmonic distortion: Less than 0.01 % 20 Hz - 20 kHz@+4 dBu into 10 kΩ, INPUT to OMNI OUT, Input Gain = Min*1 — Hum and Noise: -126 dBu typ., Input Gain= Max. — Residual output noise: -84 dBu, ST main off*2 — Dynamic range: 110 dB typ., DA Converter, 106 dB typ., INPUT to OMNI OUT, Input Gain=Min. — Crosstalk: -100 dB, adjacent INPUT/OMNI OUT channels, Input Gain= Min. @1 kHz*3 — Power requirements: DC24 V/2.5 A, PA-L500 (100 V-240 V, 50 Hz/60 Hz) — Accessories: Owner's Manual, Power Adapter, Download Information I. Branded Bluetooth Party, Portable Speaker 800w with Branded 2 Pair UHF Wireless Microphone (Compatible with Bluetooth Speaker) with Rechargeable Battery and Charger with 2 Sets of Spare Rechargeable Battery			

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J. Branded WiFi Receiver — Ethernet: 100/1000 Mbps, auto-switching, autonegotiating, autodiscovery, full/half duplex, TCP/IP, UDP/IP, DHCP, SSL, TLS2, SSH, SFTP (SSH File Transfer Protocol), IEEE 802.1x, Active Directory authentication, HTTPS web browser setup and XiO Cloud service, 802.3af compliant — AirMedia : Via Ethernet: IPv4, mDNS, TLS, AES1; Via wireless access point: IEEE 802.11/b/g/n/ac/ax, 2.4 GHz or 5 GHz Bluetooth Communications: Bluetooth version 5.0 — USB Device: USB 3.0 for computer console (installer setup and firmware update) — HDMI Output: HDCP 2.2, EDID, CEC; Supports management of HDCP and EDID — Video: Input Signal Types: AirMedia; Simultaneous display of up to four sources with AirMedia Canvas — Maximum Input Resolutions: AirMedia presentation: 1920x1080@30Hz (1080p30); AirMedia Connect Adapter: 3840x2160@30Hz (4K30) — HDMI Output Signal Types HDMI (DVI compatible3) — HDMI Output Resolutions: 1280x720@50Hz (720p50), 1280x720@60Hz (720p60), 1280x800@60Hz,4 1366x768@60Hz,4 1440x900@60Hz,4 1600x900@60Hz,4 1600x1200@60Hz, 1680x1050@60Hz,4 1920x1080@50Hz (1080p50), 1920x1080@60Hz (1080p60), 3840x2160@30Hz (2160p30), 3840x2160@50Hz (2160p50), 3840x2160@60Hz (2160p60) — Audio: Input Signal Types: AirMedia — Output Signal Type : HDMI — Input/Output Format: 2 channel LPCM — Video Frame Rate: Up to 30 fps, audio supported — Output Resolutions: 640x480@60Hz, 800x600@60Hz, 1024x768@60Hz, 1280x720@50Hz (720p50), 1280x720@60Hz (720p60), 1280x800@60Hz, 1366x768@60Hz, 1440x900@60Hz, 1600x900@60Hz, 1600x1200@60Hz, 1680x1050@60Hz, 1920x1080@50Hz (1080p50), 1920x1080@60Hz (1080p60) — Bitrate Peak 0.25 to 8.5 Mbps, variable depending on content complexity — Bitrate Average 1.4 Mbps typical			

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K. Branded Controller Laptop — 15.6in IPS FHD 144Hz, CORE i5-12500H | 512GB SSD | 16GB DDR4 | GeForce RTX 3050 | Win11 Other Inclusion: — complete cables, wires, power outlets and other necessary accessories. Include professional services for design, drawings, cables, installation and commissioning, project management, and 1-day training. — VAT Inclusive.			
***** Nothing Follows*****			

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