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Bids & Awards Committee

Project	:	**PROCUREMENT OF VARIOUS OFFICE EQUIPMENT**
Subject	:	**SUPPLEMENTAL/BID BULLETIN NO. 01**
Date	:	**10 DECEMBER 2024**

This Supplemental/Bid Bulletin No. 1 is issued to modify or amend items in the Bid Documents. This shall form an integral part of the Bid Documents.

The following documents are revised:

From	To
VII. Technical Specifications	**VII. Technical Specifications**
2 units CCTV Camera System 4K (8MP) video resolution 22x optical zoom 91 m (300 ft) IR night vision AI event detections and automatic person tracking Ultra-low latency remote control Connect and power using PoE++ Weatherproof (outdoor exposed)	**2 units CCTV Camera System** 4K (8MP) video resolution High-sensitivity imaging sensor Included 17 mm wide-angle fixed prime lens with 52° viewing angles Advanced AI: Detect people, read license plates, and more Integrated 2-way audio Connect and power using PoE+ Weatherproof (outdoor exposed)
1 unit Ceiling Mounted Projector Projection System: 3LCD Technology Native Resolution: WXGA (1280 x 800) Brightness: 5,500 lumens (both white and color light output) Contrast Ratio: 15,000:1 Aspect Ratio: 16:10 Screen Size Compatibility: 30" to 300" Throw Ratio: 1.38 - 2.28 Keystone Correction: ±30° horizontal, ±30° vertical Lamp Life: Up to 10,000 hours (ECO mode), 5,000 hours (normal mode) Built-in Speaker: 16W Connectivity: 2x HDMI (1x MHL), VGA, USB Type A, USB Type B, RCA, LAN, HDBaseT, Miracast, WiDi Power Consumption: 450W (standard), 360W (economy)	**1 unit Ceiling Mounted Projector** Projection System: 3LCD Technology Native Resolution: WXGA (1280 x 800) Brightness: 5,500 lumens (both white and color light output) Contrast Ratio: 15,000:1 Aspect Ratio: 16:10 Screen Size Compatibility: 30" to 300" Throw Ratio: 1.38 - 2.28 Keystone Correction: ±30° horizontal, ±30° vertical Lamp Life: Up to 10,000 hours (ECO mode), 5,000 hours (normal mode) Built-in Speaker: 16W Connectivity: 2x HDMI (1x MHL), VGA, USB Type A, USB Type B, RCA, LAN, HDBaseT, Miracast, WiDi Power Consumption: 450W (standard), 360W (economy)

Dimensions: 377 x 291 x 110 mm Weight: 4.8 kg Additional Features: Gesture Presenter, Split Screen, Multi-PC Projection, Wireless Projection	Dimensions: 377 x 291 x 110 mm Weight: 4.8 kg Additional Features: Gesture Presenter, Split Screen, Multi-PC Projection, Wireless Projection *With projector screen (remote-controlled motorized drop-down projector screen) *With ceiling bracket
3 units Outdoor Projectors with Projector Screen Projection System: 3LCD Technology Native Resolution: WXGA (1200 x 800) Brightness: 4,000 lumens (standard), 2,800 lumens (economy) Contrast Ratio: 2,500,000:1 Aspect Ratio: 16:10 Screen Size Compatibility: 53" to 120" Throw Ratio: 0.48 - 0.65 Keystone Correction: ±15° horizontal, ±15° vertical Built-in Speaker: 16W Connectivity: HDMI, USB 2.0 Type A, USB 2.0 Type B, VGA, Audio In/Out, LAN, Miracast Power Consumption: 201W (standard), 147W (economy) Dimensions: 325 x 299 x 90 mm Weight: 4.1 kg Warranty: 5 years or 12,000 hours	
10 units Smart TV (Display Type: LED) (Screen Size: 65 to 75 inches) (TV Resolution: 2K to 4K UHD) with bracket and stand	**10 units Android TV** Display Type: LED Screen Size: 75 inches TV Resolution: 4K UHD Operating System: Android *With Bracket and Stand *With 10-meter HDMI cable
1 Unit Portable Sound System Type: Portable PA System Power Output: 500 Watts Speaker Drivers: 2 x 8" woofers, 1 x 1.35" compression driver	

Mixer Channels: 6 Mic Preamps: 2 with switchable +48V phantom power EQ: 5-band graphic EQ, 2-band EQ on all mono channels Effects: Klark Teknik FX processor with 100 presets (reverb, chorus, flanger, delay, pitch shifter, and various multi-effects) Feedback Detection: FBQ Feedback Detection System Bluetooth: Yes, for wireless streaming Inputs: 2 mono, 2 stereo channels, 2 stereo 1/4" jack/RCA inputs Outputs: 1/4" pass-thru Dimensions: 672 x 520 x 304 mm Weight: 20.3 kg (44.75 lbs) Additional Features: Includes a high-quality microphone, mic clip, and 20' cables.	
Lights and Sound System **2 units Powered Sub-Woofer Original** 18-20 inches Active Subwoofer, Type = Bass Reflex, Frequency Response = 30 Hz - 150 Hz, Sensitivity = 101 dB, Impedance = 8 Ohms, Amp Power = 1200-1500 watts, **2 units Original Active Speaker** 15-20 inches Coaxial PA Loud , genuine, full range, vertical and horizontal use, rotating coaxial design, BEM-Optimized CD Horn, DSP with 4 presets, 3-band EQ and delay function, 126 dB max spl and 1200-1500 watts peak power, horn loaded woofer, 2-3 line/mic input channels with individual gain controllers and mono mix output, bluetooth, with handles with speaker pole each. **1 Original Mixer -** 16-18 Channel Mixing Console 16-18 Line Inputs, Built-in FX with 24-26 Presets, XLR and TRS 1/4" Stereo Outs, Four-Five Group Buses and Aux Sends, D-Pre Mic Preamps with 48V Phantom, HPF and 3-Band EQ on Channels 1-8, 1/4" Headphone output with level control, pad, 1-knob Compressor on Channels. 100% Authentic, 100% Original, industry standard **1 Dual wireless microphone** - Original Dual wireless channels, quickscan frequency selection, industry-standard vocal microphone, dual wireless receiver with	

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2 handheld transmitters with integrated cardioid dynamic microphone, 2 microphone clips, -10 to -12 dB gain attenuation, XLR and 1/4" output connectors, microprocessor-controlled internal antenna diversity, high sensitivity, 100% authentic, 14-20 hours battery life, 100-120 meters signal range,
2 Original Wired Microphone - Polar Pattern - Cardioid Dynamic microphone, 10-15 meters, 100% original
2 Microphone Stand - study, durable mic stand with non slip rubber tripod base, heavy duty steel for full support, adjustable height, angle and tripod legs base,
6 sets 20 meters XLR Balance Cable (Male and Female)
4 sets 5 meters XLR Balance Cable (Male and Female)
10 sets 1 meter XLR Balance Cable (Male and Female)
1 Original DMX Light Controller, 12-16 PAR Lights
8 units (RGBW) PAR Lights LED 54*3W - 4 W RBGW Par Lights Features: color changing effect, strobe, LCD operation. Light source: 54 X 3W-4W LED Control mode: Sound-activated/Auto-play/DMX/Master-slave Power supply: AC110V-240V/50-60HZ Total power: 180W Source life: 50,000-70,000 hours LED angle: 25-30°, Built-in fan, with metal bracket, industry standard
4 PAR Light Amber White Voltage: AC 100-240v LED Source: 60 * 2-3watts DMX cable : 2ch + 4ch Total power: 140w-150w Control mode: Auto, Sound, DMX Angle: 40 Color: warm white + cold white, industry tandard
2 units PAR Light Stand
1 set 75 meters Royal Cord Extension Wire
4 sets Flat Cord 20 meters Extension Wires #16
4 units circuit Breakers with enclosure 30 Amps

Public Address System	Public Address System
1 Multi-Zoning Amplifier For Public Adress System - 450-650 watts, 4-16 Ohms with 70 Volts and 100 volts line Output, USB SD FM	**1 Multi-Zoning Amplifier For Public Adress System** - 450-650 watts, 4-16 Ohms with 70 Volts and 100 volts line Output, USB

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Function, 2 Aux Input, Gain for Mic Aux and USB, 5 Zone Speaker Selector + 10 Standby Function, Chime Function **1 Gooseneck Desktop Microphone for Public Address System** - Frequency: 60 Hz - 16 kHz, Sensitivity: Polar pattern: Cardioid, power: DC 1.5v/48v, high sensitivity and low noise, standard xlr balanced output **10 Wall Mount Public Address Speakers**, Power: multi tapping 100 v line with 4 watts, 8 watts, 15 watts to and 30 watts **410 meters No. 18 TF Twisted Pair for Speakers** (Black and Red/Black and White) **60 pc Electrical Rectangular Moulding** White 3/4" **60 pcs PVC Electrical Orange Pipe 1/2"** **20 PVC Electrical Orange Elbow 1/2" short elbow** **200 pcs PVC Orange Clip 1/2"** **20 PVC Electrical Orange Elbow 1/2" short elbow** **200 pcs PVC Orange Clip 1/2"** **15 pcs PVC Square Box Orange with Cover** **5 pcs Electrical Tape Big** **400 pcs Wood Screw 1"**	SD FM Function, 2 Aux Input, Gain for Mic Aux and USB, 5 Zone Speaker Selector + 10 Standby Function, Chime Function **1 Gooseneck Desktop Microphone for Public Address System** - Frequency: 60 Hz - 16 kHz, Sensitivity: Polar pattern: Cardioid, power: DC 1.5v/48v, high sensitivity and low noise, standard xlr balanced output **10 Wall Mount Public Address Speakers**, Power: multi tapping 100 v line with 4 watts, 8 watts, 15 watts to and 30 watts **410 meters No. 18 TF Twisted Pair for Speakers** (Black and Red/Black and White) **60 pc Electrical Rectangular Moulding** White 3/4" **60 pcs PVC Electrical Orange Pipe 1/2"** **20 PVC Electrical Orange Elbow 1/2" short elbow** **200 pcs PVC Orange Clip 1/2"** **20 PVC Electrical Orange Elbow 1/2" short elbow** **200 pcs PVC Orange Clip 1/2"** **15 pcs PVC Square Box Orange with Cover** **5 pcs Electrical Tape Big** **400 pcs Wood Screw 1"** *With installation and testing
Renewable Energy (Solar-powered Energy) **Solar Panels (Photovoltaic Modules)**- Quantity: 8 panels, Wattage: 300W-400W per panel; Inverter (Converts DC to AC)- Type: Hybrid inverter (supports grid-tied and off-grid setups), Capacity: 2kW; Solar Charge Controller (Regulates the power going into the batteries) - Type: MPPT (Maximum Power Point Tracking); Batteries (Energy Storage for Off-Grid and Backup Power) - Type: Lithium-ion or Gel Batteries, Capacity: 4kWh; Mounting System (includes the racks or brackets to secure solar panels to the roof or ground); Wiring and Connectors (includes cables, connectors, and fuses for connecting the system); with Installation cost	**Renewable Energy (Solar-powered Energy)** Monocrystalline Solar Panels (Photovoltaic Modules) * Quantity: 5 Panels * Type: Monocrystalline * Wattage: 550W per panel * VOC: 49.90v * ISC: 14.00A * Size Each: 2278x1134x30mm * Connection will be in Series. Hybrid inverter (supports grid-tied and off-grid setups) Battery Input Data: * Battery Type: Lead-acid or Lithium-ion * Voltage Range: 40-60V * Max. Charging/Discharging Current: 135A PV String Input Data:

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	* Max. PV Input Power: Up to 7800W * Max. PV Input Voltage: 500V * Start-up Voltage: 125V * Rated PV Input Voltage: 370V * MPPT Voltage Range: 150-425V AC Input/Output Data: * Rated Input/Output Power: Up to 6000W * Max. AC Input/Output Apparent Power: 6600VA * Rated AC Input/Output Current: Up to 27.3A * Max. Continuous AC Pass-through (Grid to Load): 35/40A * Peak Power (Off-grid): 2 times the rated power for 10 seconds * Power Factor Adjustment Range: 0.8 leading to 0.8 lagging Efficiency: * Max. Efficiency: 97.6% * Euro Efficiency: 96.5% * MPPT Efficiency: >99% * Harmonic Distortion and Injection: * Total Current Harmonic Distortion (THDi): <3% of nominal power * DC Injection Current: <0.5% of nominal current Branded Batteries (Energy Storage for Off-Grid and Backup Power) * Type: LifePo4 * Formfactor: Powerwall * Capacity: 24v, 250Ah Mounting System includes the ff: * Racks or Brackets * Clips to secure solar panels to the roof or ground. Wiring and Connectors includes the ff: * Connectors * Sockets * and fuses for connecting the system For the Cables Size Recommendation: - AC Cable Size: 8AWG (for the Grid) - DC Cable Size: 2AWG (for the Battery) - PV Cable Size: 12AWG (for the solar Panels) Safety Devices: * Breaker box enclosure,

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	* Circuit breakers, * Surge protection device (SPD), and * Automatic transfer switch (ATS) With free Installation and commissioning. **NOTE: All items must be branded**

For guidance and information of all concerned.

MADONNA GRACE D. JACOBE
BAC Chairperson