

**PURCHASE ORDER**

Supplier: AMERICAN TECHNOLOGIES INC	P.O. No.: 2023-08-111
Address: #5 IDEAL ST. COR. MC COLLOUGH ST., ADDITION HILLS, MANDALUYONG CITY	Date: 08/19/2023
TIN: 000-329-993-0000	P.R. No.: 2023-05-507
Mode of Procurement: Negotiated Procurement	Date: 05/09/2023

Gentlemen:  
Please furnish this Office the following articles subject to terms and conditions contained herein.

Place of Delivery: 8737 BDO PLAZA PASEO DE ROXAS MAKATI CITY	Delivery Term: FOB Destination
Date of Delivery: 7 DAYS UPON RECEIPT OF PO	Payment Term: 15 working days upon complete delivery

Stock No.	Unit	Description	Quantity	Unit Cost	Amount
A-002-027	Lot	<p>Audio Conferencing System-Supply, Delivery and Installation of Conferencing System</p> <p>NETWORK VIDEO ENDPOINT (CORE CAPABLE) (1 unit)            Core Mode            Fully integrated Q-SYS Core processor            On board 3 x 2 HDMI video switcher            32 x 32 network audio channela            Supports up to 32 x 32 software-based dante channels (none included)            8x AEC channela            Supports up to three (3) Q-SYS NM-T1 tabletop microphones            1x VoIP softphoned instance            Audio I/O via HDMI, USB and 3.5mm            Peripheral mode            Native HDMI video and audio distribution for Q-SYS            Q-SYS shift™ adaptive video compression codec            Software-configurable as an encoder or decoder            Simultaneous streaming capabilities            Audio            Networ audio: use a total network channel count of 40x32, including Q-SYS native audio channels or dante channels (licensable up to 32x32)            HDMI audio input: each HDMI input is able to receive up to eight channels of PCM audio, which are routable within Q-SYS designer software</p> <p>NETWORK AUDIO I/O EXPANDERS (1 unit)            Two (2) mic/line inputs and two (2) line outputs            Professional mic/line level inputs with +48 VDC phantom power and/or line outputs            Microphone detection on inputs enables monitoring, usage statistics, and failure notifications            Power-over-ethernet capable            Daisy-chain up to four QIO network I/O expanders on a single network run (with local daisy-chained DC power)            Simple drag-and-drop integration and comprehensive management via Q-SYS designer software and Q-SYS reflect enterprise manager            Surface- or rack-mountable            Includes surface mounting hardware            Other Connectors            External power supply 24 VDC nominal, 2.5A on euro connector with second coonector for daisy-chaining (QIO-PSU power supply sold separately)</p>	1	917,000.00	917,000.00

Funded by:  
BUR # C-233-0036  
Dated: 08/29/2023

LAN (PoE) gigabit LAN connection for Q-LAN, PoE  
PoE specification conforms to IEEE 802.3af Type 1  
Lan (Thru) ethernet daisy-chaining

**PROFESSIONAL AMPLIFIERS (1 unit)**

Up to 200 watts per channel into 4 and 8 ohms  
Energy star qualified amplifier  
Bridgeable outputs for higher power  
Channels2  
Stereo Mode (all channels driven)  
8Ω - 200W  
4Ω - 200W  
Bridged outputs (all channels driven)  
8Ω & 4Ω - 400W  
70V - 350W  
100V - 350W  
200W  
Frequency response (4Ω and 8Ω) 20Hz-20KHz +/-0.1  
dB  
Signal to noise (20Hz - 20KHz) >100dB  
Input sensitivity 1.23V (+4 dBu)

**IN-CEILING LOUDSPEAKERS (4 PAIRS)**

Full-range 2.25-inch transducer, low frequency range  
down to 83Hz, 16-ohm, and 70/100V operation  
Front baffle-mounted tap settings and front-baffle audio  
connections  
Pick your power - FS2 models feature a 2.25inch full-  
range transducer, low frequency down to 83Hz,16-ohm  
and 700/100V operation  
Maintain consistent tonal quality with shared voicing  
across all FS models  
Hear the best of both music and voice with transducers  
that offer clear voice reproduction and smooth response  
for background music

**MANAGED POE SWITCH (1 UNIT)**

Console port Cisco Standard mini USB Type-B / RJ45  
console port  
USB slot USB Type-A slot on the front panel of the  
switch for easy file and image management  
Buttons reset button  
Cabling type Unshielded Twisted Pair (UTP) Category  
5e or better for 1000BASE-T  
LEDs System, Link/Act, PoE, Speed  
Flash 256MB  
CPU 800MHz ARM  
DRAM 512MB  
10 Gigabit Ethernet,  
8 Gigabit Ethernet 2 Gigabit Ethernet Combo  
Console port Cisco Standard mini USB Type-B / RJ45  
console port  
USB slot USB Type-A slot on the front panel of the  
switch for easy file and image management  
Unit Weight & Dimension: 3.5kg (7.72lb), 268 x 185  
x44mm (10.56x7.28x1.73in)

**CONFERENCING SYSTEM CENTRAL UNIT (1  
UNIT)**

Record & play function thru USB or SD card  
Equipped with 3 groups + extension group for system  
connecting workable  
For 20 mic units each group  
Output level LED indicator  
Single, multiple and many groups can be use  
simultaneously  
Line volume for the unit source  
Mic volume for the external Mic connection  
Master volume control the mic line level  
Balance XLR output  
Extension to other main unit in case will use more than  
60 pieces

**CONFERENCING CHAIRMAN'S UNIT (1 unit)**

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Priority buttons  
Mic on/off buttons  
Built in 2W speaker  
Volume control  
Unidirectional condenser mic  
Red light indicate mic is on

CONFERENCE DELEGATE UNIT (16 UNITS)

Mic on/off buttons  
Built in 2W speaker  
Volume control  
Unidirectional condenser mic  
Red light indicate mic is on

CONFERENCE NETWORK CABLE ASSEMBLY (1 UNIT)

Cable length (M): 10m  
8 pin XLR female for conference cable mic  
8 pin XLR male for conference cable mic

CONFERENCE NETWORK CABLE ASSEMBLY (1 UNIT)

Cable length (M): 5m  
8 pin XLR female for conference cable mic  
8 pin XLR male for conference cable mic

HDMI EXTENDER - TRANSMITTER (1 UNIT)

Pairs with a DM Lite® or DMPS Lite™ receiver  
Enables extension of HDMI® video and audio signals  
Links to the receiver via a single CAT5e (or higher) twisted pair cable  
Supports 4K and UHD at up to 130 ft (40m)  
Supports HD 1080p, WUXGA, and 2K at up to 230ft (70m)  
Handles 4K video resolutions up to 4K60 4:2:0 and 4K30 4:4:4  
Handles 3D video and deep color  
Supports Dolby® TrueHD, Dolby Atmos®, DTS HD®, DTS:X®, and uncompressed 7.1 linear PCM audio  
Compatible with HDMI, DVI, and dual-mode display port™ sources  
HDCP 2.2 compliant  
Passes CEC and EDID signals

HDMI EXTENDER - RECEIVER (1 UNIT)

Pairs with a DM Lite transmitter to provide a simple point-to-point signal extender  
Enables extension of HDMI® video and audio signals  
Links to the transmitter via a single CAT5e (or better) twisted pair cable [1]  
Supports 4K and UHD at up to 130 ft (40m)  
Supports HD 1080p, WUXGA, and 2K at up to 230ft (70m)  
Handles 4K video resolutions up to 4K60 4:2:0 and 4K30 4:4:4  
Handles 3D video and deep color  
Supports Dolby® TrueHD, Dolby Atmos®, DTS HD®, DTS:X®, and uncompressed 7.1 linear PCM audio  
Compatible with HDMI and DVI display devices [3]  
HDCP 2.2 compliant  
Passes CEC and EDID signals

75-INCHES, 4K ULTRA HD SMART TV (1 UNIT)

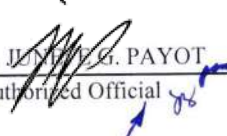
Display  
75 inch display, LED screen, 4K resolution, 3840 x 2160 pixels, 60 Hz refreshrate, 178° viewing angle  
Audio  
2 speakers  
20w speaker output  
Connectivity  
3 HDMI ports, 2 usb ports, 1 headphone port, ethernet  
Smart Features  
Screen Mirroring, Wifi, Bluetooth, a5 gen5 al processor  
4K



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	<p>Remote Features Internet access on remote</p> <p>AV EQUIPMENT RACK (1 UNIT) 19 inch equipment racks 12 rack space versions Heavy duty steel construction with fully enclosed sides 3 inch (75mm) locking casters Single space blank panel included U.S. and European rack screws included</p> <p>CEILING BRACKET Customized ceiling bracket for 75" TV</p> <p>Programming</p> <p>Labor, Engineering Materials, General Services and Installation</p>		<p>Funded by: BUR # C-233-0036 Dated: 08/29/2023</p>	
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Total Amount in Words: <b>NINE HUNDRED SEVENTEEN THOUSAND AND 00/100 ONLY</b>	<b>917,000.00</b>
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In case of failure to make the full delivery within the time specified above, a penalty of one - tenth (1/10) of one percent for every day of delay shall be imposed. Note: This is to approve the BAC recommendation (BAC Reso No. 141, S. 2023) for the use of Alternative Mode of Procurement under sec. 53, 53.9 of IRR of RA9184 and award of contract to above mentioned supplier.

<p>Conforme:</p>  <p>_____ Signature over Printed Name of Supplier</p>  <p>_____ Date</p>	<p>Very truly yours,</p>  <p style="text-align: center;"> ATTY. J. M. G. PAYOT Authorized Official</p>
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<p>Funds Available:</p>  <p style="text-align: center;"> DANTE M. ANABE Chief Accountant </p>
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