

**BIDS AND AWARDS COMMITTEE  
SUPPLEMENTAL BID BULLETIN NO. 01**

**Supply, Delivery, Installation, Configuration, Testing and Commissioning of  
PNOC Boardroom Audio-Video System Upgrade  
Invitation to Bid No. 2022-03-042**

The PNOC Bids and Awards Committee hereby adopts the following provision in the Philippine Bidding Documents:

1. Clarifications on Bid Data Sheet:

ITB Clause	From	To
20.2	a. Site Inspection Certificate b. Certificate of distributorship of the main equipment such as: i. LED Wall Display ii. Microphone Conference Equipment iii. Video Streaming Equipment	a. Site Inspection Certificate b. Certificate of distributorship of the main equipment such as: i. LED Wall Display ii. Microphone Conference Equipment iii. Video Streaming Equipment  If the bidder is a Reseller, they will submit Certificate or Proof of Authority from the Principal/Manufacturer issued to the Distributor that they can provide technical support and services. And, the Reseller Certificate issued by the Distributor that the bidder is an Authorized Reseller.

2. Clarifications on Technical Specifications:

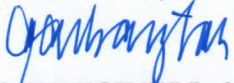


Item No.	From	To
<b>A</b>	<b>LED Wall Display</b>	
1	1 lot – Custom Back support –Tubular 8pcs x 1.5m Weight : 24kg/m <sup>2</sup>	1 lot – Custom Back support Weight : 25kg/m <sup>2</sup>

3. Revised Technical Specifications for **Wired Conference System (item C)** attached (Annex A).

Amendments/inclusions/clarifications made herein shall be considered an integral part of the Bidding Document.

For guidance and information of all concerned.

Issued this 22 April 2022.

  
**MS. EVANGELINE B. ALBAYTAR**   
Chairperson 

## TECHNICAL SPECIFICATIONS

Item No.	Specifications	Statement of Compliance
<b>C</b>	<b>WIRED CONFERENCE SYSTEM</b>	
1	<p><b>Central Unit with Audio Engine Recording</b></p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>*Built-in recording</li> <li>* No PC required for core functionality</li> <li>* Seamless combination of wired and wireless units</li> <li>* Wireless range extension</li> <li>* 802.1X (MD5, TLS, PEAP-MSCHAPv2) for LAN port only</li> <li>* Combinations for wireless room split/combine application</li> <li>* USB port for expandable memory to record longer meetings (volumes up to 500 GB)</li> <li>* Integrated dynamics processor with programmable threshold, ratio, attack and release of noise gate, AGC and limiter functions.</li> </ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>* Recording               <ul style="list-style-type: none"> <li>: Internal</li> <li>- Size: 8 GB</li> <li>- Format: MP3</li> <li>- Quality: 64, 128, 196, 256 kbps</li> <li>: External</li> <li>- Connection: USB 2.0</li> <li>- Format: NTFS</li> <li>- Maximum Size: 500 GB</li> </ul> </li> <li>* Network               <ul style="list-style-type: none"> <li>: Cable type: Cat 5e, shielded, FTP</li> <li>: Connector: RJ45 standard (shielded)</li> <li>: Security: 802.1X (MD5, TLS, PEAPMSCHAPv2) for LAN port only</li> </ul> </li> <li>* IP Control Port               <ul style="list-style-type: none"> <li>: IP control port link speed: 100 Mbps</li> </ul> </li> <li>* AUX IN XLR Balanced               <ul style="list-style-type: none"> <li>: Nominal input level: +4 dBu</li> <li>: Maximum input level: +24 dBu</li> <li>: Dynamic range: &gt; 90 dB</li> <li>: Frequency response: 20-20,000 Hz</li> </ul> </li> <li>* AUX OUT Balanced               <ul style="list-style-type: none"> <li>: Nominal output level: +4 dBu</li> <li>: Maximum output level: +24 dBu</li> <li>: Dynamic range: &gt; 90 dB</li> <li>: Frequency response: 20-20,000 Hz</li> <li>: THD @ nominal level: 0.1%</li> <li>: Load impedance: &gt; 600 <math>\Omega</math></li> </ul> </li> <li>* AUX IN RCA Unbalanced               <ul style="list-style-type: none"> <li>: Nominal input level: -10 dBV</li> <li>: Maximum input level: 10 dBV</li> <li>: Input impedance: 10 k<math>\Omega</math></li> <li>: Dynamic range: &gt; 90 dB</li> <li>: Frequency response: 20-20,000 Hz</li> </ul> </li> <li>* AUX OUT RCA Unbalanced               <ul style="list-style-type: none"> <li>: Nominal output level: -10 dBV</li> <li>: Maximum output level: 10 dBV</li> <li>: Dynamic range: &gt; 90 dB</li> <li>: Frequency response: 20-20,000 Hz</li> <li>: THD @ nominal level: 0.1%</li> <li>: Load impedance: &gt; 10 k<math>\Omega</math></li> </ul> </li> <li>*Connectivity               <ul style="list-style-type: none"> <li>:Wired and Capable for wireless provision</li> </ul> </li> </ul>	
2	<p><b>Audio Engine Recording Power Supply</b></p> <p><b>Specifications:</b></p> <p><b>Electrical Input</b></p> <ul style="list-style-type: none"> <li>* Rated Input Voltage : 100Vac-240Vac</li> <li>* Input Voltage Range : 90Vac to 264Vac</li> <li>* Input Frequency Range : 47Hz to 63Hz ( <math>\pm</math>1Hz )</li> <li>* Input Current at: 100Vac, 240Vac / 5.62A load : <math>\leq</math> 3.5A</li> <li>* Input Current Harmonic : IEC61000-3-2 Class D</li> <li>* Efficiency (Warm up 10minutes later) at:           <ul style="list-style-type: none"> <li>- 100Vac / 5.62A load : <math>\geq</math> 87%</li> <li>- 240Vac / 5.62A load : <math>\geq</math> 89%</li> <li>- Standby Consumption : <math>\leq</math> 0.15W</li> </ul> </li> </ul> <p><b>Electrical Output</b></p> <ul style="list-style-type: none"> <li>* Supply Voltage : 48V/5.62A</li> <li>* Max Consumption : 270 W</li> <li>* Typical Supply Power : 220 W</li> </ul>	



3	<p><b>Configurable Conference Unit with Touch Screen</b></p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>* Built-in high-quality loudspeaker with automatic mute when microphone is active, to prevent acoustic feedback</li> <li>* Button for request-to-speak and priority functionality when unit is configured as chairperson or two request-to-speak functions in dual use</li> </ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>* Display <ul style="list-style-type: none"> <li>: Size: at least 4.3 wide LCD display</li> <li>: Technology Type: LCD TFT</li> <li>: Touch Technology: Capacitive</li> <li>: Bonding Technology: Optical</li> <li>: Coating: Anti-fingerprint AF</li> <li>: Refresh Rate: 60 Hz</li> <li>: Screen Resolution: 480 x 128</li> <li>: Contrast Ratio: 500:1</li> <li>: Color Depth: RGB 24b</li> </ul> </li> <li>* Speaker Output <ul style="list-style-type: none"> <li>: Maximum Output Power: &gt; 1 W</li> <li>: Frequency Response: 200-20,000 Hz</li> <li>: Dynamic Range: &gt; 85 up to 94 dB</li> <li>: THD @ Nominal Level: &lt; 0.1% or &lt; 0.5%</li> </ul> </li> <li>* Headphone Output <ul style="list-style-type: none"> <li>: Maximum output: &gt; 10 mW</li> <li>: Dynamic range: &gt; 85 up to 94 dB</li> <li>: THD @ nominal level: &lt; 0.1%</li> <li>: Load impedance: 16-32 Ω</li> </ul> </li> <li>* Microphone Input <ul style="list-style-type: none"> <li>: 3.5mm headphone Jack connector</li> <li>: Dynamic Range: &gt; 85 up to 94 dB</li> <li>: Frequency Response: 25-20,000 Hz</li> <li>: THD @ Nominal Level: &lt; 0.1%</li> </ul> </li> <li>* Bluetooth® <ul style="list-style-type: none"> <li>: Version: V5.0 Dual mode</li> <li>: Frequency: 2.402 - 2.480 GHz</li> <li>: Maximum Transmit Power: Class 1 +8dBm from antenna</li> <li>: Receive Sensitivity: -94 dBm</li> </ul> </li> </ul>	
4	<p><b>4.) Directional Microphone, 50cm</b></p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>* Removable gooseneck microphone with a screw lock connector for easy connection to the different delegate and interpreter units.</li> </ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>* Electrical <ul style="list-style-type: none"> <li>: Transducer principle: Back electret (condenser)</li> <li>: Operating principle: Pressure gradient</li> <li>: Polar pattern: Unidirectional, cardioid</li> <li>: Nominal conditions: Bias resistor = 1k2; Vdd = 3.3 V DC; 1 Pa = 94 dB SPL</li> <li>: Max SPL @ 1 kHz: 110 dB SPL (1% THD+N)</li> <li>: Signal to noise ratio: 66 up to 93 dB(A)</li> </ul> </li> </ul>	

Name of Company: \_\_\_\_\_

Authorized Representative: \_\_\_\_\_

(name and signature)