



Republic of the Philippines  
**PROVINCE OF PAMPANGA**  
Provincial Capitol, City of San Fernando, Pampanga

**BIDS AND AWARDS COMMITTEE**

**BID BULLETIN 2024-01**


PR# 23-5059- 1 lot Supply and commissioning of audio and visual conference system

This Bid Bulletin No. 01 is issued to modify or amend items in Bid Documents. This shall form an integral part of the Bid Documents, to wit:

PARTICULARS	AMENDMENTS
Section VII- Technical Specifications	Please see attached Revised Technical Specifications

For your guidance and information of all concerned.

03 January 2024.

  
**ATTY. CECIL L. ANDIN**  
BAC-Chairman

# Technical Specification

PR No. 23 - 5059

(Revised)

Item No.	Quantity	Unit of Issue	Specification	Statement of Compliance*
1	1	lot	<p style="text-align: center;"><b>1 LOT SUPPLY &amp; COMMISSIONING OF AUDIO &amp; VISUAL CONFERENCE SYSTEM</b></p> <p><b>1 set LED WALL</b>  <i>Specifications:</i>  <b>Total Installed Dimensions of LED WALL:</b>  <b>Approx: 11 ft. length, 8 ft. height for Executive House</b>  <b>Consisting of 35 panels with panel size of 500mm x 500mm x 83mm with extra additional 5 backup panels</b>  <b>Total Panels: 40 panels</b>                      Pixel Pitch- at least 2.5mm                      Module Size: approx 250mm x 250mm  <b>Weight Per Panel: approx. 7.5/13.5kg</b>  <b>Refresh Rate: approx. 1920 - 3840Hz</b>  <b>Driving Type: 1/25</b>                      Brightness: <b>approx. 800nits</b>                      Maximum Power: 528 W/m<sup>2</sup>                      IP Rating: <b>approx. 176 W/m<sup>2</sup></b>                      Typical Value: approx. 100,000 hours  <b>Installation Type: Fix</b></p> <p><b>1 unit HYBRID IMPULSE RESPONSE CONTROL UNIT</b>  <i>Specifications:</i>                      - -infrared and wired discussion unit                      - - 10-16 band feedback suppressor for the control unit mountable rack                      - -with automated gain control, mic gain and mic equalizer for each channel                      - -can be operated or controlled locally through web or other control systems                      - - at least 3 selectable conference modes                      - - recording through USB on control unit</p> <p><b>20 units IMPULSE RESPONSE DISCUSSION UNIT</b>  <i>Specifications:</i>                      - -can connect up to 200 discussion unit                      - -up to 13 hours of operation through battery -compatible with 3 pin gooseneck for the discussion unit                      - -infrared can compatible with the control unit                      - -bandwidth: 1-15 mhz                      - - 6-8 db headroom                      - - compatible with lithium ion battery                      - -signal ratio: 50-60db                      - - operating distance: 6-10m                      - - frequency response: 100-20,000hz</p> <p><b>8 units IMPULSE RESPONSE TRANSCEIVER UNIT</b>  <i>Specifications:</i>                      - -operating distance : 6-10m                      - - bandwidth: 1mhz-10mhz                      - - fm modulation method                      - - with LED indicator</p> <p><b>4 units IMPULSE RESPONSE DISTRIBUTION UNIT</b>  <i>Specifications:</i>                      - -antenna and distribution unit                      - - number of distribution: 2-4                      - -bnc jack connection                      - -infrared bandwidth: 1mhz-10mhz                      - -fm modulation method</p>	

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			<p><b>40 pcs. LITHIUM ION BATTERY (rechargeable)</b>  <i>Specifications:</i></p> <ul style="list-style-type: none"> <li>- compatible with IR discussion unit</li> <li>- operating time: 7-10 hours</li> <li>- charging time: 5-6 hours</li> </ul> <p><b>20 pcs. GOOSENECK MICROPHONE</b>  <i>Specifications:</i></p> <ul style="list-style-type: none"> <li>- 6-10m XLR 3 pin connector</li> <li>- with LED indicator</li> <li>- with detachable wind screen</li> <li>- with Radio Frequency Interface shielding for Radio Frequency Interference Rejection</li> <li>- Hypercardioid Polar Pattern</li> <li>- Frequency Response: 100-1500hz</li> <li>- Maximum Input Sound: 100-140</li> </ul> <p><b>2 pcs. DYNAMIC MICROPHONE</b>  <i>Specifications:</i></p> <ul style="list-style-type: none"> <li>- cardioid polar pattern</li> <li>- can handle high sound pressure level</li> <li>- consistent sound quality, good handling noise and rugged metal housing</li> </ul> <p><b>1 unit DIGITAL MIXER</b>  <i>Specifications:</i></p> <ul style="list-style-type: none"> <li>- input channel: 16-24 digital mixer</li> <li>- output: 10-14 output digital mixer</li> <li>- real time analyzer</li> <li>- 10-120 presets</li> <li>- wifi ready audio mixer</li> </ul> <p><b>2 units COLUMNAR SPEAKER PASSIVE 6"x4"</b>  <i>Specifications:</i></p> <ul style="list-style-type: none"> <li>- compact line array system with at least frequency response of 20khz-120khz</li> <li>- 90-110 db passive speaker</li> <li>- 100-250 power watts</li> <li>- input impedance: 4-8 ohms</li> <li>- 2 way line array system</li> <li>- with aluminum powder coated cabinet</li> </ul> <p><b>2 units COLUMNAR SPEAKER PASSIVE 4" x 3"</b>  <i>Specifications:</i></p> <ul style="list-style-type: none"> <li>- at least Ingress Protection 55 rating</li> <li>- frequency response: 20-120khz</li> <li>- with vertical dispersion angle</li> <li>- 60-150 watts passive column array system</li> <li>- with nominal impedance of 8-16 ohm</li> <li>- sensitivity: 90-95 db</li> </ul> <p><b>1 unit Power Amplifier</b>  <i>Specifications:</i></p> <ul style="list-style-type: none"> <li>- 2-4 channel power amplifier</li> <li>- 500-800 watts power per channel</li> </ul>	

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			<ul style="list-style-type: none"> <li>- - with selectable hi-z and lo-z capability</li> <li>- - with cloud feature and can be connected to wifi or Ethernet cable</li> <li>- - sensitivity: 20-40 db with selectable feature</li> <li>- - frequency response: at least 20khz</li> <li>- - 2 ohms,4 ohms or 8 ohms' options</li> <li>- - signal to noise ratio: 100-110 db</li> <li>- - processor: at least 96khz</li> <li>- - parametric equalizer: 8-12 band per channel</li> <li>- - output delay: 80-100ms per channel</li> </ul> <p><b>2 units ACTIVE SUBWOOFER</b></p> <p><i>Specifications:</i></p> <ul style="list-style-type: none"> <li>- - 15"-18" subwoofer</li> <li>- -power: 1000-2000 watts</li> <li>- -frequency range: 30-120 hz</li> <li>- -sound pressure level: 120-140 db</li> <li>- - with xlr and 1/4 connector</li> <li>- -with pole socket of 30-40mm</li> <li>- - with polarity reverse switch</li> <li>- - with selectable digital signal processing</li> <li>- - with transducer overdrive protection</li> </ul> <p><b>2 pcs. MICROPHONE STAND</b></p> <p><i>Specifications:</i></p> <ul style="list-style-type: none"> <li>- - with boom attachment</li> <li>- - adjustable height up to 70"</li> <li>- -tripod base made of die cast aluminum</li> <li>- - with universal mic holder</li> </ul> <p><b>2 pcs. PASSIVE DIRECT INJECTION BOX</b></p> <p><i>Specifications:</i></p> <ul style="list-style-type: none"> <li>- - passive stereo box</li> <li>- - frequency response: at least 20khz</li> <li>- - input impedance: 120-140 ohms</li> <li>- - output impedance: 120-150 ohms</li> <li>- - with at least 20 db of maximum input</li> </ul> <p><b>3 pcs. DIRECT INJECTION BOX PRESENTER</b></p> <p><i>Specifications:</i></p> <ul style="list-style-type: none"> <li>- -with box for presentation with mic and laptop mixer</li> <li>- - with active preamp circuit</li> <li>- - with at least 2-4 channels</li> <li>- - with at least 8-10 ohms of input impedance</li> <li>- - with at least 2-3 ohms of output impedance</li> <li>- - with noise floor of 80-60 dbu</li> <li>- - maximum input: at least 7db</li> <li>- - with input connectors of xlr, 3.5mm and USB 2.0 Type B</li> </ul> <p><b>3 pcs. CHARGING STATION</b></p> <p><i>Specifications:</i></p> <ul style="list-style-type: none"> <li>- -power supply: 100 to 240 AC, 50/60Hz (using AC Adapter of 10V, 7.2A)</li> <li>- -power consumption: at least 50w (10V, 5A)</li> <li>- -charging time: 4 to 5.5 hours</li> <li>- Accessories: AC adapter and AC power cord</li> </ul>	

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Item No.	Quantity	Unit of Issue	Specification	Statement of Compliance*
			Inclusive of: * Fabrication & Installation of LED wall framing and Control Center counter based on the materials and technical designs and perspective under Annex A, Annex B, Annex C & Annex D	

\*Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the the equipment offered. Statement of "Comply" or "Not Comply" must be supported by evidence in a Bidder's Bid and cross-referenced to that evidence. Evidence shall be in the the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or Supplier liable for prosecution subject to the provisions of ITB Clause 3.1 (a) (ii) and/or GCC Clause 2.1 (a) (ii).

*I hereby certify to comply with the Technical Specifications of all the items to be Bid.*

\_\_\_\_\_  
Name of Company/Bidder

\_\_\_\_\_  
Signature Over Printed Name of Representative

\_\_\_\_\_  
Date