PROCUREMENT OF VARIOUS INFORMATION AND COMMUNICATIONS TECHNOLOGY (ICT) EQUIPMENT FOR 2025 FOR THE MARITIME INDUSTRY AUTHORITY (MARINA)

PUBLIC BIDDING NO. 2024-13
SUPPLEMENTAL/BID BULLETIN NO. 01

Attention: All prospective bidder/s for the project: BID REFERENCE NO. 2024-13: **PROCUREMENT OF VARIOUS INFORMATION AND COMMUNICATIONS TECHNOLOGY (ICT) EQUIPMENT FOR 2025 FOR THE MARITIME INDUSTRY AUTHORITY (MARINA)** (ABC: Php 83,525,000.00)

This Supplemental/Bid Bulletin is issued to amend/clarify/modify the following:

ORIGINAL PROVISION	AMENDMENT/REVISIONS
Section III. Bid Data Sheet **ITB Clause, 5.3, Page 14** For this purpose, contracts similar to the Project shall be: (For Lot 4) a. Supply, delivery, lease/purchase, and/or installation of Digitalization Equipment (Scanner, Desktop, and/or Server) and/or Document Archiving/ Indexing System	For this purpose, contracts similar to the Project shall be: (For Lot 4) a. Supply, delivery, lease / purchase, and/or installation of Digitalization Equipment **(Scanner / Desktop / Server) and** Document Archiving/ Indexing System
Section VI. Schedule of Requirements **Lot 2, Page No. 24** Acoustics Panels for the Studio/9th Floor Conference Room	Polyester Acoustics Panels **with Four (4) sides (2sides x 42sqm, 2sides x 16sqm)** for the Studio/9th Floor Conference Room (delivery and installation)
Section VI. Schedule of Requirements **Lot 2, Page No. 24** Electrical materials, Cables connectors, outlets, mouldings and panels	Electrical materials, **Two (2) Portable Powered Column System with Amplifier Rating of 1000 Watts**, Cables connectors, outlets, mouldings and panels (delivery and installation)

Golden Voyage Towards Green and Digital Maritime Future

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Section VII. Technical Specifications Lot 1, page 44 Below are the minimum specifications of the One (1) NAS for STCW to be procured: 1. Processor (CPU): · Model: AMD Ryzen V15780B	Below are the minimum specifications of the One (1) NAS for STCW to be procured: 1. Processor (CPU): · Model: AMD Ryzen **V1780B**
Section VII. Technical Specifications Lot 1, page 45 Below are the minimum specifications of the Two (2) NAS for MISS and PPS to be procured: 1. Processor (CPU): · Model: AMD Ryzen V1500B · Base Clock Speed: 3.35 GHz · Turbo Boost Clock Speed: 3.6 GHz · Cores: Multi-core architecture optimized for high-performance computing and storage management.	Below are the minimum specifications of the Two (2) NAS for MISS and PPS to be procured: 1. Processor (CPU): · Model: AMD Ryzen V1500B · Base Clock Speed: **2.2 GHz** · Cores: Multi-core architecture optimized for high-performance computing and storage management.

Section VII. Technical Specifications Lot 2, Page No. 59-60
 	
Below are the minimum specifications of the Two (2) Video Switcher Channel to be procured:
 	
1. Audio Inputs and Outputs
· Inputs:
  o 16 Total Channels
  o 12 Microphone (Mic) Inputs – Designed for connecting professional microphones, providing robust and clear sound input.
  o 2 Stereo Inputs – For connecting stereo audio sources such as musical instruments or audio playback devices.
  o S/PDIF Digital Inputs/Outputs – Standard digital audio connection to transmit high-quality audio signals.
  o AES/EBU Output – Professional audio standard for digital audio transmission over long distances.
	Below are the minimum specifications of the Two (2) Video Switcher Channel to be procured:
	
	● Effect Types
	  o 8x Graphic
	  o Transition
	  o Chroma Key
	  o Alpha Key
	  o Luma Key
	● Downstream Keys
	  o 2x Chroma
	  o Luma
	● Generators
	  o 1x Pattern
	● Audio Mixing
	  o 18-Channel Mixing
	
	Processing
	● Switching Type
	  o Pushbutton
	● Processing Resolution
	  o 1080p at 29.97/50/59.94
	● Color Processing

- Outputs:
  - 8 Customizable XLR Outputs – Allows for flexible output routing to audio equipment or sound systems.
  - 16 Bus Outputs – Ensures sufficient routing flexibility for complex live mixing.
  - 4 Mono Output Buses – For individualized audio channels for various output needs.
  - 5 Stereo Output Buses – Allows for high-quality stereo sound routing.
  - 1 Stereo Monitor Bus – For monitoring audio before final output.
  - 1 Stereo Track Monitor Output – For tracking audio mixes.
  - 1 Earphone Output Interface – Allows audio monitoring through earphones, ensuring sound quality for operators.

2. Display and User Interface
- Screen:
  - 7" IPS Touchscreen (1024x600mm) – Provides clear and vibrant visual feedback for all functions and settings.
  - IPS Multi-Function Touchscreen Angle – Fully adjustable to the user's preference, ensuring comfortable operation from any position.
  - Fully Customizable UI – User interface elements that can be adjusted to suit specific needs.
- Faders:
  - 9 x 100mm ALPS Motorized Faders – High-quality motorized faders with smooth operation for precise control over audio levels.

3. Audio Processing and Effects
- Built-in FX Modules:
  - 8 Built-in FX Modules – Includes:
    - 2 Reverbs – To add ambiance and space to the audio mix.
    - 2 Modulations – Provides modulation effects for dynamic sound.

- 8-Bit 4:2:2 YCbCr
- Audio Processing
  - 48 kHz / 24-Bit

Input
- Number of Video Input Source
  - 8
- Video Inputs
  - 8x HDMI Female
- Input Video Format
  - HDMI (8-Bit 4:2:2 YCC) 1080p at 23.98/24/29.97/30/50/59.94/60 fps 1080i at 50/59.94 fps
  720p at 50/59.94 fps
  576p at 50 fps
  576i / 625 lines at 50 fps
  480p at 59.94 fps
  480i / 525 lines at 59.94 fps
  WUXGA (1920 x 1200) at 60fps
- Audio Inputs
  - 1x 2RCA Stereo Analog Female
- Input Audio Format
  - Analog: 48 kHz / 24-Bit
- Embedded Audio Input
  - HDMI: 2-Channel (per Input)

Output
- Video Output Channels
  - 3
- Video Outputs
  - 2x HDMI Female (Loop Output)
  - 1x HDMI Female (Preview)
- Output Video Format
  - HDMI (8-Bit 4:2:2 YCC)
  - 1080p at 50/59.94 fps
  - 1080i at 50/59.94 fps
- Audio Outputs
  - 1x 1/4" TRS Stereo Analog Female
- Output Audio Format
  - Analog: 48 kHz / 24-Bit
- Embedded Audio Output
  - HDMI: 2-Channel (per Output)
- Multiview Output
  - 1-Way Multiview via HDMI
- Monitor Output
  - 1x HDMI

Connectivity
- Other I/O
  - 1x USB-A Firmware Input

2 Delays – Adds delay effects for creative mixing.
  o 15-Band Graphic Equalizer (GEQ) – Allows precise control over the frequency response to tailor the sound to the desired output.
 	
4. Connectivity and Data Management
·   USB Interfaces:
  o 2 USB Interfaces – Supports the use of flash disks for data storage and external devices.
  o   Recording Support – Allows recording of the audio mix, including support for WAV file format output.
· Latency:
  o < 2ms Latency – Ensures that the audio and video processing is in sync, critical for live productions.
 	
  o High-Quality Neutrik Connectors – Professional-grade connectors known for durability and excellent signal integrity.
 	
  o 429mm (W) x 335mm (D) x 83mm (H) – Compact design that ensures ease of integration into production setups while saving space.
 	
I. WARRANTY AND SUPPORT
·   Warranty:
  o Minimum of 1 year warranty on parts and labor, covering manufacturing defects and standard wear and tear.
	o 1x USB-B Control Input
	● HDCP Support
	  o Yes
	
	Display
	● Screen Resolution
	  o 480 x 272
	
	Warranty: 1 year warranty on parts and labor

Section VI. Schedule of Requirements

On page 24

The various ICT equipment must be delivered within one hundred and twenty (120) days, upon receipt of the Notice to Proceed (NTP), to MARINA Central Office and Regional Offices. (as included in below table)

ICT Equipment	MRO NCR	MRO 1 & 2	MRO IV	MRO V	MRO VI	MRO VII	MRO VIII	MRO IX	MRO X	MRO XI	MRO XII	MRO XIII	MARINA CENTRAL OFFICE
LOT 1 (OFFICE PRODUCTIVITY – ICT EQUIPMENT)													
Desktop	20	30	25	20	20	22	20	20	10	10	10	15	278
Desktop for STCW Examination Room					17	17				16			
Laptop	3	2	2	2	2	2	2	2	2	2	2	2	20
Tablet (For Engineers)	5	5	5	5	5	5	5	5	5	5	5	5	5
NAS for STCWO													1
NAS for MISS and PPS													2
UPS													5
LOT 2 COMMUNICATION AND PUBLICATION EQUIPERNT													1
LOT 3 (COMMUNICATION AND PUBLICATION EQUIPMENT - LED Display Video Wall)													1
LOT 4 (DIGITALIZATION OF RECORDS)													1

This shall form an integral part of the Bidding Documents.

For the guidance and information of all concerned.

Issued on 11 December 2024.

Atty. MARIA ROWENA B. HUBILLA
Chairperson
MARINA Bids and Awards Committee