



MARITIME INDUSTRY AUTHORITY

**SUPPLY, DELIVERY AND INSTALLATION OF DATA CENTER FACILITY EQUIPMENT,
CCTV WITH FACIAL RECOGNITION SURVEILLANCE SYSTEM AND SECURITY DOOR
ACCESS SYSTEM FOR THE MARINA CENTRAL OFFICE**

PUBLIC BIDDING NO. 2019-15

SUPPLEMENTAL/BID BULLETIN NO. 01

The MARINA Bids and Awards Committee (BAC) hereby clarifies/modifies the following provisions of the bidding documents relative to the above-mentioned project:

REFERENCE	CLARIFICATION/MODIFICATION
IV. MARINA Requirements 3. The bidders must have no pending case(s) against the government.	<i>To modify MARINA Requirement No. 2.</i> IV. MARINA Requirements 3. The bidders must have no pending case(s) against the government. The bidder shall submit a notarized Certificate of No Pending Case(s) against the Government, as part of the bid.
VI. Technical Specifications 1. DATA CENTER FACILITY EQUIPMENT a) PRECISION AIR-CONDITIONING UNIT (PACU) ➤ Description: – One (1) unit, Minimum 52,000 BTU/hr capacity – Free Blow – Free Electronics Controlled (EC) Plug-Fans Inverter – Compressor, Scroll Type – Air-cooled Direct Expansion ➤ Relative Components 1. Fan Speed Control 2. Efficiency Filter 3. Condensing and Humidifier drain pump 4. Outside Condensing unit 5. Cable trays, EMT pipes, connectors, junction boxes, hangers and support	<i>Additional technical specifications.</i> 6. Automatic Change-Over/Automatic Transfer Sequence Switch/Device (to be installed at the existing ACU of the server room) 7. Spot-type water leak sensor

REFERENCE	CLARIFICATION/MODIFICATION
<p>b) FIRE SUPPRESSION SYSTEM</p> <ul style="list-style-type: none"> ➤ Description: <ul style="list-style-type: none"> - One (1) FM200 assembly tank to be filled with FM-200 agent (HFC227ea) ➤ Relative Components: <ol style="list-style-type: none"> 1. Electric Control Head, 24 VDC 2. Valve Outlet Adapter 3. 360 deg. Discharge nozzle 4. Single Hazard releasing control panel 5. Backup battery, 12VDC, 7AH 6. Smoke Detector Photoelectric 7. Standard smoke detector base two wire 8. Manual release station 9. Abort Toggle switch station 10. 6" Diameter Fire Alarm Bell 11. Horn Strobe 12. Nameplate "Warning" 	<p><i>Additional technical specification.</i></p> <p>13. Uninterruptible Power Supply</p>
<p>2. CCTV WITH FACIAL RECOGNITION SURVEILLANCE SYSTEM</p> <ul style="list-style-type: none"> • System Server <ul style="list-style-type: none"> ○ Monitor, Mouse, Keyboard ○ Intel i9 processor ○ RTX 2080Ti 11Gb video card ○ 32Gb DDR4 memory ○ 512SSD + 2Tb storage • IP Camera <ul style="list-style-type: none"> ○ Up to 3 mega pixel high resolution ○ Max. 2048 x 1536 @ 30 fps ○ 2.8 mm/4 mm/6 mm/8 mm/12 fixed lens ○ H.265, H.265+, H.264, H.264+ support ○ RTSP and RTMP support ○ IR range up to 30m ○ Support on-board storage up to 128GB ○ IP67, IK10 	<p><i>Modification/additional technical specification.</i></p> <ul style="list-style-type: none"> • Equipment rack <ul style="list-style-type: none"> ○ Material of Construction: Steel ○ Vented Side Panel ○ RTSP and/or RTMP support ○ Retention of footage: minimum of 30 days

REFERENCE	CLARIFICATION/MODIFICATION
<ul style="list-style-type: none"> • Automated Threat Recognition Capability <ul style="list-style-type: none"> ○ Instantly identify known threats with face recognition ○ Recognize people from your blacklist and notify security to take action to reduce risks. ○ Recognize whitelist customers so they can experience exclusive VIP service from the moment they arrive. ○ Recognizes fire and smoke ○ Facial expression analysis ○ Recognize visible firearms • Centralized management dashboard <ul style="list-style-type: none"> ○ Displays summary of blacklisted and whitelisted persons ○ Displays facial images of captured blacklisted facial images ○ Logs and history of subject movements ○ Web-enable central management system • Support for Video management System (VMS) or Video streaming server • Supply and installation of the electrical conduits, boxes, fitting, wires and brackets and all necessary materials including roughing-ins and wiring. 	<p><i>Additional technical specification.</i></p> <ul style="list-style-type: none"> • Automated License Plate Recognition System (for the two CCTVs at the parking area) <ul style="list-style-type: none"> ○ Ability to compare the captured plate number to a whitelist or blacklist of plate numbers ○ With threat alert ○ Ability to print reports of recognized plate numbers
<p>3. SECURITY DOOR ACCESS</p> <ul style="list-style-type: none"> • Proximity Cards: 1,100 	<p><i>Modification/additional technical specifications.</i></p> <ul style="list-style-type: none"> • Proximity or RFID cards: 1,100 pcs. • Uninterruptible Power Supply
	<p><i>To add Section VIII. Other Requirements in the Terms of Reference.</i></p> <p>VIII. Other Requirements</p> <p>1. The winning bidder must provide user’s training for all the deliverables.</p>

Clarifications/modifications made herein shall be considered as amending the other parts of the Bidding Documents referring to or relating to the same matter and shall be considered an integral part of the Bidding Documents.

Sgd.

ARSENIO F. LINGAD II

Chairperson

MARINA Bids and Awards Committee