



PORT OF GUAM
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Lourdes A. Leon Guerrero
 Governor of Guam
 Joshua F. Tenorio
 Lieutenant Governor

INVITATION FOR BID No. PAG-013-22

ACQUISITION OF RADAR INTRUSION/ VESSEL MONITORING SYSTEMS & COMPONENTS
 BID

AMENDMENT NO. 2

September 21, 2022

NOTICE TO OFFERORS: The IFB documents of the above-referenced project are hereby amended to include the following as part of IFB documents:

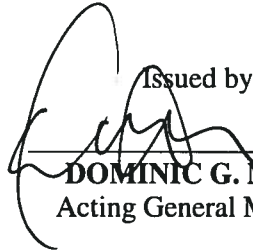
1. Amend to replace with revised "Scope of Work" on pages 31, 32 of 34 of the IFB.

See Attached Revised 9/16/2022 page 31 of 34 and Revised 9/16/2022 32 of 34.

2. Amend to include revised "Bid Schedule Form" on pages 33, and 34 of the IFB.

See Attached Revised 9/16/2022 page 33 of 34, Revised 9/16/2022 34.1 of 34, and Revised 9/16/2022 34.2 of 34.

***** END OF AMENDMENT NO. 2, ALL OTHERS REMAIN THE SAME *****

Issued by:


DOMINIC G. MUNA
 Acting General Manager

NAME OF PROPOSER: _____
 AUTHORIZED SIGNATURE: _____
 PRINT NAME: _____
 DATE/ TIME: _____

Revised Scope of Work

INTRODUCTION

The Port Authority of Guam (PAG) requests the submittal of Proposals from firms licensed to do business on Guam who has demonstrated commensurate experience and expertise and is a certified license vendor for the acquisition and installation of a **Radar Intrusion, Infrared Camera & Vessel Monitoring System and Components**.

The Scope of Work (SOW) includes and is not limited to the acquisition of hardware, installation, software, training, equipment user manuals, and warranty. Work will include related work at the Harbor Master's Office and all relative locations. All necessary cabling/ wiring/ sockets and allied infrastructure conforming to respective quality/standard norms are also included in this SOW.

This project is funded by the Fiscal Year 2021 Port Security Grant Program (PSGP) under the Federal Emergency Management Agency (FEMA) Grant number EMW-2021-PU-00230-S01.

PROJECT LOCATION

The project is located at the Commercial Port of Guam, Piti, Guam. The system placement and components will be determined by the Port Authority Harbor Master's Office and identified during the site visit:

1. Radar to be located on top of the Harbor Master's Office Roof, PAG Administration Building
2. 1st Camera to be located on top of the Harbor Master's Office Roof, PAG Administration Building
3. 2nd Camera to be located on High Mast #1 closest to Warehouse 1 utilizing existing fiber connectivity line running from the small Gate Entry building through High Mast #2 and terminating at High Mast 1 (see attached PAG Communications System Architecture Diagram).
4. Hardware and System Displays to be located inside Harbor Master's Office.

GENERAL REQUIREMENTS & RESPONSIBILITIES

1. PAG Procurement Division to conduct an Invitation for Bid (IFB) for the aforementioned project and will schedule a site visit for interested bidders;
2. Contractor shall investigate and assess the project sites, and verify existing conditions and measurements before submitting the Bid. Failure to do so shall not be a cause for additional claims against PAG;
3. Contractor's personnel assigned to this project are required to have a Transit Worker Identification Card (TWIC) and attend the mandatory Maritime Security (MARSEC) Level Briefing. Contract to inquire with the PAG Port Police Office on these requirements. No work will commence without TWIC cards;
4. Awarded bidder shall comply with the Davis-Bacon Act 40 U.S.C. § 3141;
5. Awarded contractor shall submit within 3 days after Notice to Proceed, the insurance coverage on Comprehensive General Liability Policy and Excess Liability Policy of 1 Million Dollars minimum. PAG shall be an additional insured to the policy;
6. Awarded contractor to submit within 10 calendar days after the N.T.P. issuance, the Schedule of Values, material submittals, submittal status logs, project schedule, and personnel listing for approval by the PAG Harbor Master and IT Division.
7. All related work shall meet the standard compliance of organizations such as the American National Standard Institute (ANSI), American Society for Testing and Materials (ASTM) Underwriter Laboratories (UL), National Electric Code (NEC), National Electric Manufacturers Association (NEMA) and the Occupational Safety and Health Association (OSHA).

8. PAG will issue an Intent to Award based on the lowest responsible responsive quotes. Official Notice to Proceed (N.T.P.) will be provided to the contractor upon issuance of the PAG Purchase Order (P.O.) by the PAG Procurement Division;
9. Contractor shall abide by OSHA regulations, and provide safety warning signs within the work area. All workers shall wear their proper Personal Protective Equipment (PPE);
10. PAG Harbor Master Division will conduct daily inspections and/or random checks of the project site;
11. Contractor to submit bi-weekly progress reports with attached daily work progress reports with photos to PAG Harbor Master and Planning divisions for documentation;
12. Contractor to include in every invoice: detail of work performed, photos, date, and time;
13. Contractor has One Hundred Eighty (180) calendar days to complete this project;
14. Awarded contractor must comply with PROHIBITION on Expending FEMA Award Funds for Covered Telecommunications Equipment or Services FEMA Policy #405-143-1. § 889(b) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019, Public Law No. 115-232 (2018), and 2 C.F.R. §200.216 prohibit obligating or expending federal award funds on certain telecommunication products or from certain entities for national security reasons.

SYSTEM DESIGN DRAWINGS

Bidder to provide all design drawings/as-built, layouts, and specifications of the Radar Intrusion/Vessel Tracking System and Components.

EQUIPMENT & ACCESSORY COMPONENTS

To include Software, Hardware, Housing Hardware, Mounting, Cabling, Antennas, Camera, Monitors, Sensors, Warranty, etc. to be used for the tracking and detection of vessels and or objects within the Port's harbor as well as to provide real-time situational maritime domain awareness.

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These specifications have been developed by Jose G. Javellana, III., Chief Planner, Christopher Flores, Harbor Master, Dennis Perez, Systems Manager, and Dominic Muna, DGMO.

REVISED BID SCHEDULE PRICE FORM

ITEM NO.	DESCRIPTION	QTY/UNIT	UNIT PRICE	PRICE EXTENSION
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EQUIPMENT AND ACCESSORIES:

1.0 RADAR INTRUSION, CAMERA & VESSEL MONITORING SYSTEMS **1** **LT** \$ _____ \$ _____

Equipment	Quantity
Marine Radar Component to include Cable and Antenna	1
Marine/Coastal Monitoring Dual Radar Software with recording and replaying modules	1
Computer Unit with Graphic capabilities for Marine Radar Monitoring Systems (Rack Mount Windows PC i7 external graphics dual NIC)	1
PC monitors for Black Box Radar	2
Network switch/cabling	1
Class A Enhanced AIS Transponder	1
VHF Semi Duplex Radiotelephone w/ DSC GMDSS compliant	1
Marine communications- VHF Antenna	1
Antenna Mount	1
AC-to-DC Power Supply	1
220wx ultra sonic WX Weather Station Sensor	1
Motorized PTZ IR Camera The camera must have a minimum Ingress Protection (IP) dust & liquid penetration IK 10 and IP 68.	2
Motorized Camera PTZ software sending/receiving data from the controller to the camera for PTZ functions. A separate Data Cable is required.	1

Bidding Remarks:

All mounting hardware is to be comprised of materials sufficient to withstand a harsh, corrosive marine and industrial environment, as well as harsh weather conditions (i.e. typhoons, earthquakes, etc.).

Mounting hardware must be made of non-ferrous materials or grade 316 stainless steel.

INSTALLATION & COMMISSIONING

All materials, labor, and equipment for the installation must be provided by the awarded vendor and must ensure work areas are kept clean and safe at all times during installation and commissioning.

The vendor must perform all services to ensure the operability of the system. The vendor will ensure all hardware, software, and equipment are free of any defects and installation work is performed according to the manufacturer’s specifications. The vendor will ensure the PAG is fully aware of the capability of the system. This includes any instruction on initial setups as well as customizability.

Guy wires and necessary bolts to be installed to support the existing aluminum pole located on top of the Harbor Master’s Office Roof, PAG Administration Building (see attached drawing provided by the PAG Engineering Division).

TRAINING

Bidder must provide all as-built drawings, manufacturer manuals, and user manuals for the complete radar intrusion and vessel tracking system. Bidder shall provide overall system training. Service Administrator and End-User training must be conducted before the turn-over.

WARRANTY

Bidder will include a warranty of products for one (1) year after installation to cover any/all hardware, software, and equipment defects and installation/connectivity issues. To the maintain operability of the system.

Bidder will identify/troubleshoot issues and repair and/or replace parts covered under warranty at no additional costs to the PAG. All recommended work is to be reviewed and approved by the PAG’s IT and Harbor Master Divisions.

PREVENTIVE MAINTENANCE

Bidder will provide two (2) year preventive maintenance services on hardware, software, and equipment according to the manufacturer’s specifications, to commence upon the PAG’s acceptance of the system. *Two (2) years of preventive maintenance must be inclusive of the total bid amount.

Bidder will provide a maintenance schedule and a proposed checklist of the preventive maintenance service of the system and components into optimal performance and durability. The PAG will consider quarterly maintenance or best practices for scheduling maintenance as recommended by the manufacturer.

Bidder shall identify personnel assigned to conduct maintenance, and identify and troubleshoot issues and repairs. Bidder must be available on an “On-Call/As-Needed” basis to resolve to troubleshoot calls or request immediate assistance. Failure to do so may result in procedures to resolve in accordance with terms and conditions.

Option to renew for two (2) years not to exceed the total of five (5) years for preventive maintenance services. A schedule of the monthly and annual costs are to be provided in the submission.

OTHER

Apart from the details listed above, any other items/services/hardware/software required for the successful completion of this project shall be in Vendor’s scope without any additional cost.

Bidding On: Radar Intrusion

Brand: _____
Part/Model No.: _____
Specifications: _____
Delivery: _____

Bidding On: Camera

Brand: _____
Part/Model No.: _____
Specifications: _____
Delivery: _____

Bidding On: Vessel Monitoring

Brand: _____
Part/Model No.: _____
Specifications: _____
Delivery: _____

ITEM		
<u>NO.</u>	<u>DESCRIPTION</u>	<u>QTY/UNIT</u>
		<u>TOTAL PRICE</u>

PREVENTIVE MAINTENANCE SERVICES

2.0	FIRST YEAR	\$ _____,
2.1	SECOND YEAR	\$ _____,

TOTAL BID AMOUNT: \$ _____

Option to Renew after 2nd of Preventive Maintenance:

1st Year Option: \$ _____.

2nd Year Option: \$ _____.