Request for Quotation

Harbor Master Roof Coating and Miscellaneous Items

PROJECT LOCATION:

This project is located at the Port Authority of Guam, Administration Building Harbor Master Office (HMO) and its Vicinity.

PROJECT DESCRIPTION:

The Port Authority of Guam is interested in soliciting a Request for Quotation for a CIP project involving miscellaneous roof related items. This project requires the removal and proper disposal of severely corroded objects that have the potential to become wind-blown hazards. The items to be removed include, but are not limited to; surface mounted steel pipes (located on the roof top of the HMO), a dilapidated central air-conditioning system, and protective shroud (located on the Administration Building Second Floor Roof). Following the removal of specified hazards, the roof of the PAG HMO will require pressure washing to clean/prepare the surface. During extreme wind driven rain events, the PAG HMO roof leaks. Port employees have noted that the leak is near the kitchen, but the exact location and size of the leak will need to be determined. Finally, a roof top pipe to include supports and connecting bolts will need to be refurbished and extended. This pipe will need to be extended and a galvanized steel ladder will require fabrication and securing to the steel pipe and the roof surface via a galvanized steel plate (see Sketch attached). The finished structure will support a security system.

SCOPE OF WORK:

A) The Port Authority of Guam will select the lowest responsive and responsible quotation that accomplishes all project goals. The top priority being the removal of all safety related hazards located on the roof of the administrative building. Please see attached photos that identify all items to be removed and properly disposed of at an EPA approved disposal site. Note, that many of the objects are no longer securely mounted to the building and have the potential to be blown off the roof. Contractor is to plan on safe removal of the above debris using lifts and/or cranes of appropriate capacity. Other items of the project scope shall proceed following the completion of the debris removal phase.

B) Currently the third floor of the administration building leaks during heavy wind driven rainfall events (significant storms). The existing stainless steel flashing at the connection between two sections of the building (original plus extension) is potentially a suspect area. The third floor needs to be pressure washed prior to any repair work that needs to be done. Roof related coating shall follow after completion of the leak repair work that requires approval by the CIP/Engineering Division. A minimum, 3 coats of silicon coating at an alternating 90-degree direction of application shall be required. All roof drains shall be in good working conditions. Any repair or replacement required is included in this RFQ.

C) The Harbor Master roof top currently has a 4” diameter steel pipe that is secured vertically Via angular steel supports and concrete pedestals to the roof. This structure shall be refurbished and extended. The refurbishment shall include supports and replacement of the

connecting bolts. The pipe shall be extended in height (see attached sketch). A galvanized steel ladder will require fabrication and securing to the steel pipe and the roof surface via a galvanized steel plate (see sketch attached). The finished structure will support a security system. Refurbishment work shall include removing all rust spots, paint, and other imperfections from all surfaces. Existing connectors need to be replaced with stainless steel equivalents (diameter and length). The pipe needs to be extended by an additional 10' feet, which will require welding of a 4" diameter schedule 80 galvanized steel pipe. Additionally, brackets capable of supporting security cameras will need to be welded onto the extended pipe. All steel surfaces shall be coated with galvanized paint. The angular structural steel shall be remounted on the existing three (3) concrete pedestals using non-shrink grout or epoxy for the new bolt installation. For maintenance and installation purposes, a ladder with a height 2' feet above the extended pipe shall be fabricated using galvanized structural steel sections and be attached to the extended pipe and the roof surface via a new galvanized steel plate (see attached sketch).

GENERAL REQUIREMENTS

1. The contractor shall carefully investigate the project site prior to bidding, verify existing conditions and measurements. Failure to do so shall not be a cause for an additional claim against PAG. Any work related to conditions not reflected on the conceptual sketch provided shall be performed at the contractor's expense;

2. The contractor shall provide all labor, materials and equipment to remove, supply and install as per scope of work. PAG will issue the Intent to Award based on the lowest responsible responsive bid. Official Notice to Proceed (N.T.P.) will be provided to the contractor upon issuance of the PAG Purchase Order (P.O);

3. Contractor to submit within 7 days after Notice to Proceed, the insurance coverage on Comprehensive General Liability Policy and Excess Liability Policy of ($1 Million minimum). PAG shall be an additional ensured to the policy;

4. Contractor to submit within 15 calendar days after the N.T.P. issuance, the Schedule of Values, material submittals, submittal status logs, phasing plan (project schedule) and personnel listing for approval by the PAG Police Division;

5. Contractor's personnel assigned to this project are required to have a Transportation Worker Identification Card (TWIC) and attend the mandatory Maritime Security (MARSEC) Level briefing. Contractor to inquire with the Port Police Division on these requirements. No work will commence without TWIC cards; Contractor has One Hundred and Twenty-Two (122) calendar days to complete this project. Liquidated damages shall apply after the performance period (POP) in the amount of two hundred fifty ($250) dollars per day;

6. Contractor shall be responsible for the daily clean-up of the project site. No loose debris shall remain on the second and third floor roofs at the end of each day. In preparation of the site prior to arrival of an inclement weather condition, the contractor shall secure all loose objects and remove all debris. All construction debris shall be disposed at a designated Guam EPA approved dumpsite at no additional cost to PAG;

7. 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) and maintain separation/distancing requirements in light of COVID-19 pandemic regulations and executive orders;

8. PAG Engineering and PAG Safety Divisions to conduct daily inspections and/or random checks of the project site;

9. Contractor to submit daily and monthly progress reports with attached four (4) photos per day to PAG Engineering for documentation.

10. Contractor to follow all scope as indicated on the approved design plan and the general notes regarding the proposed project;

11. Contractor to request in writing or email 24 hours prior to the pre-final inspection by PAG Engineering and PAG Harbor Master Divisions for any punch list items;

12. After correction of all punch lists and approval by PAG Engineering and PAG Harbor Master, contractor shall submit the final invoice and close – out documents;

13. Close-out documents shall have the Certificate of Completion, One (1) Year Warranty of the Entire work, Release of Claims and Liabilities. Submit documents in hard copy and in electronic file in PDF format.

***** Authorized Signatures appear below*****

Prepared By:	**Prepared By:**	**Prepared By:**
Enrique S. Conde	**Iremar C. Gutierrez**	**Jacob B Aquiningoc II**
Engineer III	**Engineer III**	**Engineering Technician II**

Approved By:

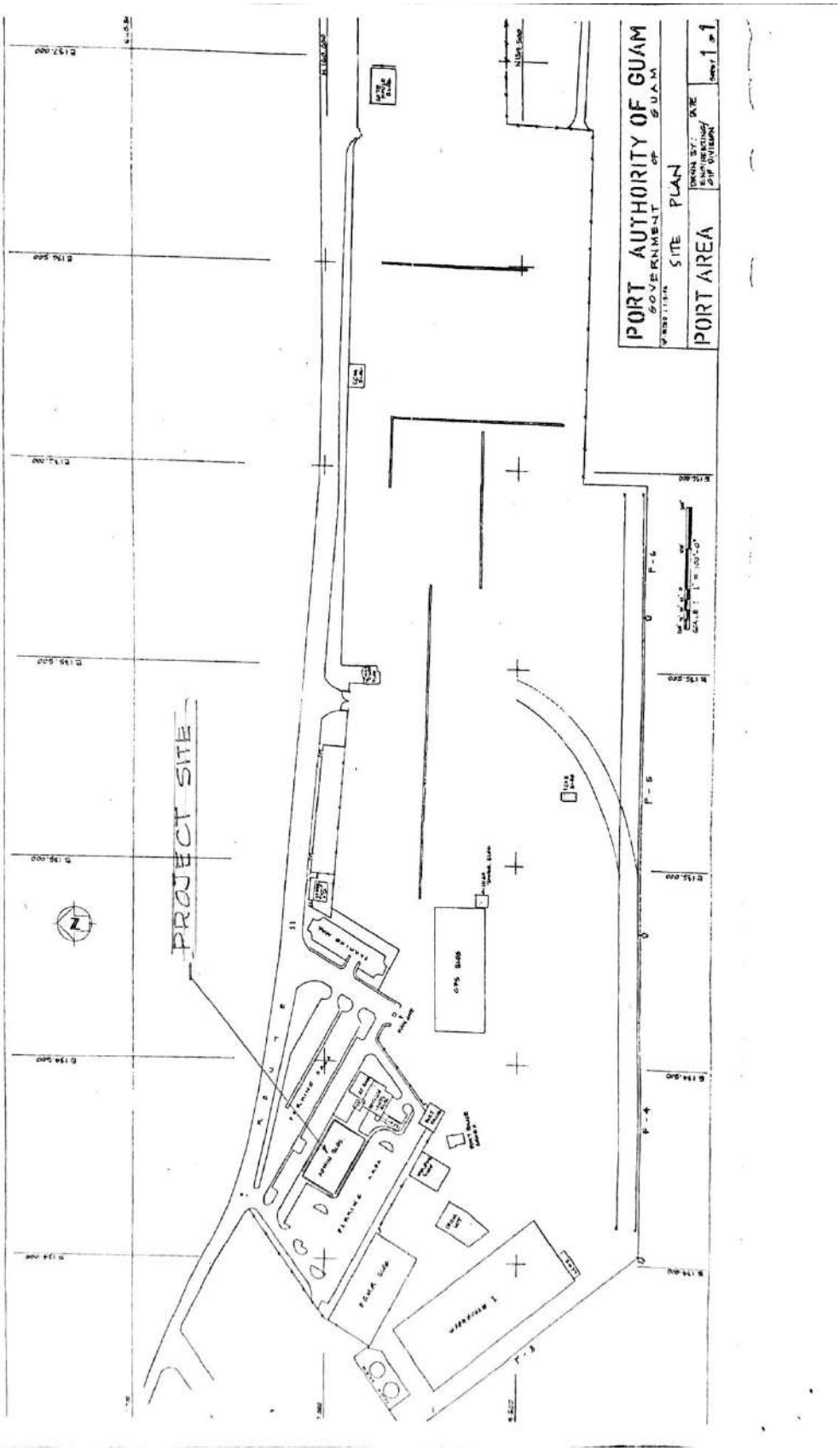
Masoud Teimoury, PE., PhD.
Engineer Manager

Project: Harbor Master Miscellaneous Roof Related Items

Bid Schedule

Item	Description	QTY	Unit	Unit Cost	Amount
1	Removal of all safety related falling hazards from the Administration and Harbor Master roof tops. Cost includes disposal fee.	1	LS		
2	Identification and repair of any leaks found on the Harbor Master Office roof top.	1	LS		
3	Restoration and extension of the existing galvanized steel pipe, associated brackets to include replacement of nuts/bolts and concrete anchors.	1	LS		
4	Fabrication and installation of galvanized steel ladder and supporting elements.	1	LS		
5	Pressure Washing Harbor Master Office roof top.	1	LS		
6	Silicone Roof Coating (Total of 3 Coats)	2150	sq. ft		
7	Grand Total	-	-		

Note: All unit costs shall include labor, materials, tools, equipment, and (OH+P+Tax).


PROJECT SITE
PORT AUTHORITY OF GUAM
GOVERNMENT OF GUAM
SITE PLAN
PORT AREA

Items To Be Removed: Administration Building 2nd Floor

Figure 1: Central AC System

Items To Be Removed: Administration Building 2nd Floor

Figure 2: Protective Shroud

Items To Be Removed: Administration Building 3rd Floor

Figure 3: Surface Mounted Steel Pipes

Additional Photos:

Figure 4: Stainless Steel Flashing. Location: Admin. Bldg. 3rd Floor

Additional Photos:

Figure 5: Galvanized Steel Tripod (Full). Location: Admin. Bldg. 3rd Floor

Additional Photos:

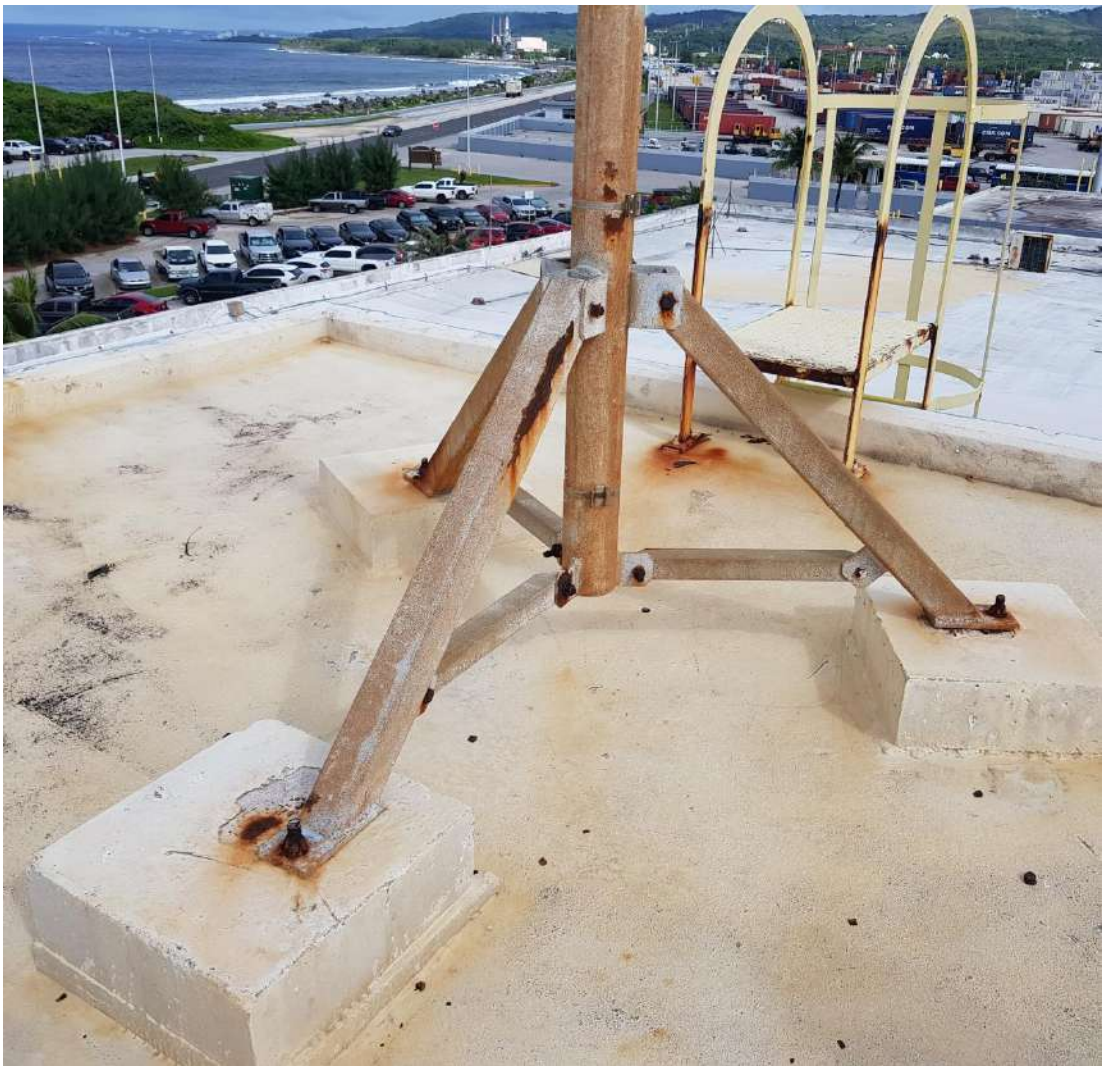
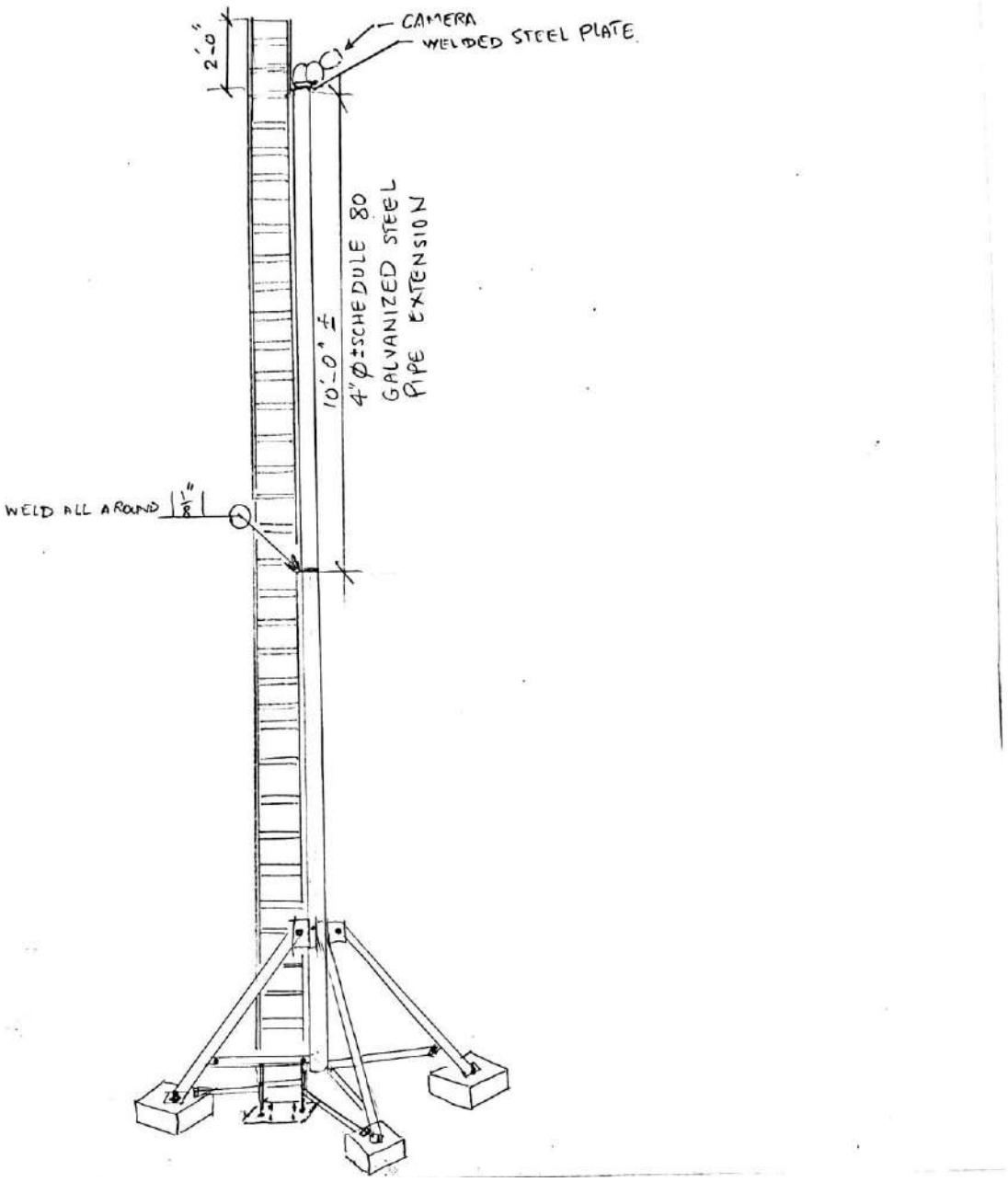


Figure 6: Galvanized Steel Tripod (Close-up). Location: Admin. Bldg. 3rd Floor



Notes:

1. Replace all existing bolts/buts and concrete anchors with S.S. equivalents with equal Ø and lengths.
2. Grind all rust spots and wire brush existing angular and pipe free of old paint.
3. Make all metal surfaces smooth & clean.
4. Apply galvanized paint to all surfaces.
5. Use anchoring non-shrink grout or epoxy for new bolt installation into existing concrete pedestals.
6. Use 2”x4” tube section welded at joints to fabricate a full height ladder fixed to roof slab using ½” thick galvanized steel plate (6”x24”x1/2” thick) bolted to concrete roof slab. 4 each. ½” Ø expansion bolts welded to ladder legs.

Estimated Roof Dimensions: