

**STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS**

**ADDENDUM NO. 1
FOR
SUBSTRUCTURE REPAIRS AT PIERS 9-10,
HONOLULU HARBOR, OAHU, HAWAII
JOB S10921**

October 11, 2024

This Addendum shall make the following amendment(s) to the Solicitation:

A. TABLE OF CONTENTS

1. Delete **TABLE OF CONTENTS** in its entirety and replace it with attached **TABLE OF CONTENTS**, dated r10/11/2024.

B. SPECIFICATIONS

1. Delete **ARTICLE X PROJECT DESCRIPTION** pages 10-7 and 10-8, dated 8/2024, and replace it with attached **ARTICLE X PROJECT DESCRIPTION** pages 10-7 and 10-8, dated r10/11/2024
2. Add and make a part of the Specifications the attached **ARTICLE XVII ASPHALT CONCRETE PAVEMENT**, dated r10/11/2024.

C. PROPOSAL SCHEDULE

1. Delete **PROPOSAL SCHEDULE** pages P-7 and P-8, dated 8/2024, and replace it with attached **PROPOSAL SCHEDULE** pages P-7 and P-8, dated r10/11/2024.

The following is provided for information.

D. PRE-BID MEETING MINUTES

1. The attached **PRE-BID MEETING MINUTES** are provided for information.

E. RESPONSES TO REQUESTS FOR INFORMATION (RFI'S/QUESTIONS)

1. The attached **RESPONSES TO REQUEST FOR INFORMATION** are provided for information.

Please acknowledge receipt of this **ADDENDUM NO. 1** by recording the date of its receipt in the space provided on the **PAGE P-4** of the Proposal.

A handwritten signature in cursive script, reading "Dreanalee Kalili", is written over a horizontal line.

DREANALEE K. KALILI
Deputy Director of Transportation for Harbors

TABLE OF CONTENTS

	<u>Page</u>	
Notice to Bidders	NTB-1 – NTB-4	
Instructions for Contractor’s Licensing		
Special Provisions	SP-1 – SP-3	
Wage Rate Schedule (Not Physically Included in the Bid Documents)		
 SPECIFICATIONS		
Part I – GENERAL PROVISIONS for CONSTRUCTION PROJECTS 2016 (Not physically included in the Bid Documents)		
Part II – TECHNICAL PROVISIONS		
Article X	Project Description	10-1 – 10-8
Article XI	Mobilization and Demobilization	11-1 – 11-2
Article XII	Temporary Water Pollution, Dust, And Erosion Control	12-1 – 12-9
Article XIII	Concrete Removal Work	13-1 – 13-3
Article XIV	Concrete Repair Work	14-1 – 14-6
Article XV	Epoxy Coating System	15-1 – 15-3
Article XVI	Project Photographs	16-1 – 16-3
Article XVII	Asphalt Concrete Pavement	17-1 – 17-2
Requirements of Chapter 104, HRS (eH104-3 dated 4/21)	1 – 2	
Proposal	P-1 – P-6	
Proposal Schedule	P-7 – P-8	
Surety Bid Bond		
Sample Forms		
Sample Contract		
Performance Bond (Surety)		

Performance Bond
Labor and Material Payment Bond (Surety)
Labor and Material Payment Bond
Chapter 104, HRS Compliance Certificate
Certification of Compliance for Employment of State Residents, Act 192, SLH 2011

beneath that should be repaired in Items 6, 7, and 8. Payment for gunite removal for Item 5 shall be included in that item.

Item 5 – Full Slab Replacement Repair (Type FS). Payment shall be made at the unit price bid per square foot in the Proposal Schedule. Such payment shall include concrete/gunite removal and demolition work, hauling, preparing repair area, cleaning effective reinforcing steel to remain, furnishing and installing reinforcing steel, installing epoxy grouted dowels, applying reinforcing steel coating, installing and removing formwork, placing concrete, patching core holes and holes used to support form work, and all other incidental work required to complete this item.

Item 6 – Slab Spall Repair (Type S or SR). Payment shall be made at the unit price bid per square foot in the Proposal Schedule. Such payment shall include concrete removal work, preparing repair area, cleaning effective reinforcing steel to remain, installing epoxy grouted dowels, applying reinforcing steel coating, installing and removing formwork, placing concrete or patching compound, patching holes used to support form work, and all other incidental work required to complete this item. Payment for reinforcing steel replacement shall be made in accordance with Item 9 below.

Item 7 – Beam Spall Repair (Type B or BR). Payment shall be made at the unit price bid per square foot in the Proposal Schedule. Such payment shall include concrete removal work, preparing repair area, cleaning effective reinforcing steel to remain, applying reinforcing steel coating, installing and removing formwork, placing concrete or repair mortar, patching holes used to support form work, and all other incidental work required to complete this item. Payment for reinforcing steel replacement shall be made in accordance with Item 9 below.

Item 8 – Vertical Spall Repair (Type V or VR). Payment shall be made at the unit price bid per square foot in the Proposal Schedule. Such payment shall include concrete removal work, preparing repair area, cleaning effective reinforcing steel to remain, applying reinforcing steel coating, installing and removing formwork, placing concrete or patching compound, patching holes used to support form work, and all other incidental work required to complete this item. Payment for reinforcing steel replacement shall be made in accordance with Item 9 below.

Item 9 – Reinforcing Steel Replacement. Payment shall be made at the unit price bid per pound in the Proposal Schedule. Such payment shall include furnishing and installing new reinforcing steel to be welded for Items 6, 7, and 8, welding reinforcing steel, and all other incidental work required to complete this item.

Item 10 – Epoxy Coating System. Payment shall be made at the unit price bid per square foot in the Proposal Schedule. Such payment shall include surface preparation, furnishing and coating all repaired concrete surfaces on the substructure as shown on the drawings, and all other incidental work required to complete this item.

Item 11 – Asphalt Pavement Replacement. Payment shall be made at the unit price bid per square foot in the Proposal Schedule. Such payment shall include removing and disposing of

existing asphalt pavement, furnishing and installing tack coat and asphalt pavement, and all other incidental work required to complete this item.

Preparation of photographs of repairs will not be paid for directly but shall be considered incidental to the various contract items.

Repair quantities listed in the Proposal Schedule are increased from actual field quantities to account for growth in repair areas and additional repairs not shown in plans. Additional repairs may be present in project limits. No adjustment to the unit prices listed in the Proposal Schedule will be allowed due to difference between actual quantities and bid quantities.

ARTICLE XVII – ASPHALT CONCRETE PAVEMENT

17.1 GENERAL – Work to be done under this Article includes furnishing all labor, materials and equipment necessary to remove and reinstall the asphalt pavement over the full slab replacement repair areas. The Harbors Division Construction Engineer may adjust the asphalt pavement repair areas in the field. Asphalt pavement damaged by the Contractor and not originally scheduled for repair is not included in this item and shall be paid for by the Contractor.

17.2 MATERIALS

- A. Bituminous Tack Coat shall be slow-setting emulsified asphalt, Type SS-1, conforming to Section 407 of the Standard Specifications.
- B. Asphalt Concrete Pavement shall be Mix IV conforming to Section 401 of the Standard Specifications.

17.3 CONSTRUCTION CRITERIA

- A. The Contractor shall provide documentation on the types and locations of all striping and stencils in the work area to the Harbors Division Construction Engineer before starting the work. Reinstallation of striping and stencils after the work has been completed shall be performed by DOT Harbors.
- B. The finished pavement shall be constructed to maintain the existing drainage patterns.
- C. Uniform slopes shall be maintained on the finished pavement surfaces. Thinner and thicker pavement sections shall be provided to maintain uniform slopes, fill low spots in existing pavement, and minimize ponding.
- D. The pavement shall be placed to provide a smooth riding transition between new and existing pavement.
- E. Pavement shall be feathered into existing drain inlets, hatch covers, utility manholes, and valve boxes.

17.4 CONSTRUCTION

- A. The existing asphalt concrete pavement over the repaired areas shall be removed (approximately 4 inch average thickness). The existing pavement to be removed shall be sawcut to provide a square clean edge. The removed pavement shall be hauled away from the job site and legally disposed of by the Contractor at no cost to the State.
- B. After the concrete repairs have been completed, the Contractor shall clean the repair area of all loose material, water, dirt, excess dust, and other objectionable matter.

- C. A bituminous tack coat shall be applied on the prepared surface in accordance with Section 407.03 of the Standard Specifications. The material shall be applied at a rate of 0.15 gallons per square yard.
- D. Mix IV asphalt concrete pavement overlay shall be placed in accordance with Section 401.03 of the Standard Specifications. The finished pavement shall be smooth, dense, uniformly graded and well drained. The pavement shall be placed to meet the criteria defined in Section 15.4.
- E. Prior to placement of the resurfacing course, all low spots and uneven surfaces shall be filled and leveled off with asphalt pavement.

17.5 PAYMENT - Payment for asphalt concrete pavement shall be made as described in Article X of these Specifications.

SUBSTRUCTURE REPAIRS AT PIERS 9-10,
HONOLULU HARBOR, OAHU, HAWAII

JOB S10921

PROPOSAL SCHEDULE

Item No.	Item Description	Approximate Quantity (a)	Unit	Unit Price (b)	Amount Bid (a x b)
1	Mobilization (Not to exceed 6% sum of all Items, excluding this Item)	L.S.	L.S.	L.S.	\$ _____
2	Installation, Maintenance, Monitoring, and Removal of BMP	L.S.	L.S.	L.S.	\$ _____
3	Additional Noise, Water Pollution, Dust, and Erosion Control	Force Account	F.A.	F.A.	\$ <u>15,000.00</u>
4	Gunite Removal	6,900	S.F.	\$ _____	\$ _____
5	Full Slab Replacement Repair (Type FS)	2,700	S.F.	\$ _____	\$ _____
6	Slab Spall Repair (Type S or SR)	100	S.F.	\$ _____	\$ _____
7	Beam Spall Repair (Type B or BR)	6,900	S.F.	\$ _____	\$ _____
8	Vertical Spall Repair (Type V or VR)	100	S.F.	\$ _____	\$ _____
9	Reinforcing Steel Replacement	3,000	LBS	\$ _____	\$ _____
10	Epoxy Coating System	9,600	S.F.	\$ _____	\$ _____
11	Asphalt Pavement Replacement	4,000	S.F.	\$ _____	\$ _____
		TOTAL AMOUNT FOR COMPARISON OF BIDS \$ _____			

NOTES:

1. Bidders shall submit and upload the complete proposal to HiePRO prior to the bid opening date and time. Proposals received after said due date and time shall not be considered. Original (wet ink, hard copy) proposal documents are not required to be submitted. **Contract award shall be based on evaluation of proposals submitted and**

uploaded to HiePRO. Any additional support documents explicitly designated as confidential and/or proprietary shall be uploaded as a separate file to HiePRO. Do not include confidential and/or proprietary documents with the proposal. The record of each bidder and respective bid shall be open to public inspection.

FAILURE TO UPLOAD THE COMPLETE PROPOSAL TO HiePRO SHALL BE GROUNDS FOR REJECTION OF THE BID.

If there is a conflict between the specification document and the HiePRO solicitation, the specifications shall govern and control, unless otherwise specified.

2. Bid shall include all Federal, State, County and other applicable taxes and fees.
3. The TOTAL AMOUNT FOR COMPARISON OF BIDS shall be used to determine the lowest responsible bidder.
4. Bidders shall complete all unit prices and amounts. Failure to do so shall be grounds for rejection of bid.
5. If a discrepancy occurs between unit bid price and the bid price, the unit bid price shall govern.
6. If the lowest TOTAL AMOUNT FOR COMPARISON OF BIDS exceeds the funds available for this project, the State reserves the right to negotiate with the lowest responsible bidder as permitted under Section 103D-302, Hawaii Revised Statutes, as amended, to reduce the scope of work and award a contract.
7. Submission of Proposal is a warranty that the bidder has made an examination of the project site and is fully aware of all conditions to be encountered in performing the work and the requirements of the plans and specifications.
8. No additional compensation will be paid by the State for losses, including overhead and profit, resulting from reduced scope of work.
9. Contract time shall remain the same whether or not the overall scope of work is decreased.

**STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS**

PRE-BID MEETING MINUTES

DATE: October 1, 2024 **TIME:** 10:00 A.M.

LOCATION: Honolulu Harbor, Oahu, Hawaii
Tele-Conference

PROJECT: Substructure Repairs at Piers 9-10
Honolulu Harbor, Oahu, Hawaii
Job S10921

I. INTRODUCTION

Attendees introduce themselves (name and company).

II. IMPORTANT ITEMS

1. This meeting is to clarify general questions only. If there is a conflict between what was stated in this meeting and the bid documents, the bid documents shall govern. Any significant changes will be issued through an addendum. A copy of the meeting minutes will be issued to all attendees.
2. Deadline for questions is on October 3, 2024, at 2 P.M., Hawaii Standard Time (HST).

All questions must be submitted through HIePRO.
3. Proposals Due on October 17, 2024, at 2 P.M., HST.
4. The scope of work consists of repairing spalls and delaminations on the substructure at Pier 9-10 at Honolulu Harbor, Oahu, Hawaii.
5. The estimated cost is between \$4,000,000.00 to \$5,000,000.00.
6. Key Information
 - a. Bidders must possess a valid State of Hawaii General Engineering Contractor's "A" license at the time of bidding.

III. GENERAL DISCUSSIONS

1. Question: Is any of the work at Pier 10 under the existing warehouse?

Response: Yes. All work inboard of gridline P is under the building.

MEETING ATTENDANCE SHEET
Pre-Bid Meeting

Project Name: Substructure Repairs at Piers 9-10
 Honolulu Harbor, Oahu, Hawaii
 Project No. S10921
 Meeting Location: Honolulu Harbor, Oahu, Hawaii, Tele-Conference
 Date: October 1, 2024 10:00 A.M.

Name: Branden Sumida	Company: DOT Harbors	Email: branden.sumida@hawaii.gov
Name: Jillian Sumitomo	Company: MKE Associates LLC	Email: jillian@mkellc.com
Name: Patricia Paulino	Company: MKE Associates LLC	Email: patricia@mkellc.com
Name: Cristian Caicedo	Company: Triton Marine Construction Corp.	Email: ccaicedo@tritonmarine.us
Name: David Wilburn	Company: Composite Construction LLC	Email: David@ccon-llc.com
Name: Emmanuel Minde	Company: Global Specialty Contractors	Email: eminde@globalspecialty.net
Name: Gordie Meyer	Company: Orion Marine	Email: gmeyer@orn.net
Name: Rudy Pangelinan	Company: RLP, Inc	Email: RPagelinan@rlp-hi.com
Name: Russell Luke	Company: Sea Engineering, Inc.	Email: rluke@seaengineering.com
Name: Sam Peng Ho	Company: James Glover	Email: samh@gloverltd.com
Name: Sean O'Kelly	Company: Global Specialty Contractors	Email: seano@globalspecialty.net

**Questions for solicitation: B25000491 S10921 - Substructure Repairs at
Piers 9-10, Honolulu Harbor
10/03/2024**

1. Will the Contractor be assigned a laydown area for equipment and materials? Will the Contractor be liable for rental costs for the designated laydown area?

The Contractor will be assigned a laydown area in the Aloha Tower complex which will be determined at the pre-construction meeting. Contractor can assume there will be no rental costs associated with the laydown area. In previous phases, staging areas were in or around the Pier 10 Shed.

2. Is there a holiday period where additional work hour restrictions apply?

No holiday period is anticipated at this time, however the Contractor may not be allowed to work during Aloha Tower events. Coordination with Aloha Tower and HPU will occur at the pre-construction meeting. In previous phases, there were noise restrictions in the early morning as the HPU dormitories are in the vicinity.

3. Is the project subject to a 401 WQM Certification and should prospective bidders account for processing the 401 WQM certification and corresponding monitoring?

No in-water work is anticipated in the project, so no WQM is required.

4. Should prospective bidders account for installation and maintenance of a turbidity curtain?

No in-water work is anticipated in the project, so no turbidity curtain is required.

5. Should prospective bidders account for endangered species/marine mammal monitoring during work periods?

No monitoring is known of at this time. No night work is anticipated to account for sea birds. Marine mammals have not been an issue in previous DOT projects.

6. For the purpose of predicting tides, can the anticipated contract award date and notice to proceed dates be shared with bidders?

Exact NTP will be determined at the pre-construction meeting. It is assumed that the Contractor will have some flexibility in setting the NTP.

7. Is Hydro demolition allowed for full deck replacement areas provided construction considerations are made to capture runoff water generated from the hydro demolition process?

Yes.

8. Is the intent of the RFP to remove gunite only at repair locations?

Per concrete placement notes on sheet S-1, the Contractor shall make an effort to remove all gunite, however, sound gunite not easily removed by chipping may remain.

9. Is the intent of the RFP to apply epoxy coatings only to areas in which gunite has been removed?

Epoxy coating shall be applied to all uncoated surfaces in the repair area. Please see epoxy coating system notes on sheet S-1.

10. For the purpose of establishing a competitive bid, what is the average depth of repair (for all repairs except full depth replacement) should prospective bidders consider for both removal and installation of new concrete?

The depth of repair will vary significantly depending on the severity of spalls and delaminations.

11. For the purpose of establishing a competitive bid, what ratio SF Repair/LBS reinforcing steel should bidders use? Should this quantity be applied evenly for all repair types?

An approximate quantity of reinforcing steel is included in the Proposal Schedule.

12. Can bidders, at their expense, remove and reinstall sections of the deck not called out for repairs to gain access to repair areas?

Yes. Location(s) shall be coordinated with the tenant and Harbors at the pre-construction meeting and details for repairing the deck opening shall be submitted to Harbors for their review.

13. Could pre-cast planks be used in lieu of cast in place concrete for full deck slab repairs?

No, precast planks would require building a continuous ledge along beams and revising construction drawings. In a previous phase, a Contractor explored this condition and determined it was not cost effective.

14. What are the loading restrictions for the decks of Piers 9 & 10?

The load restrictions are as follows: 28,000 lbs at Pier 9 and 44,000 lbs at Pier 10.

15. For the purpose of preparing a competitive bid, should prospective bidders only consider that only the repairs called out with having more than 20 percent loss of its cross-sectional area will need reinforcing steel replacement?

No, due to the existing gunite covering the concrete surface, there is a large uncertainty on which repairs will require reinforcement. Bidders shall provide unit prices for the quantities in the proposal.

16. Some of the areas called out for complete demolition have AC Paving installed on top of them, for the purpose of preparing a competitive bid what thickness and mix type should bidders account for pavement replacement? Should an additional line item in the proposal be created to account for this? If no additional line item is created to account for AC pavement replacement, what line item should this effort be included in?

See Addendum No. 1.

17. Are bidders responsible for any permits not listed in the RFP Documents? If yes can a list of these permits be provided?

No.

18. During the pre-bid meeting it was stated that work on the Terminal area of Piers 9 & 10 should not be done during cruise ship season – can the dates for cruise ship season be provided to all bidders? Are there any additional work restrictions that bidders should be aware of as it relates to Harbor Operations (other than the ones that require daily coordination with the Honolulu Harbor Master)?

The cruise ship schedule can be viewed at hawaii.portcall.com. No additional work restrictions are known of at this time.

19. Can waterline hangers be re-used? If not can a count and style be provided for accurate pricing?

Yes, waterline hangers may be reused.

20. Can class “F” fly ash be used instead of silica fume in the concrete mix?

In lieu of silica fume at a dosage of 10 percent of the cementitious material weight, a substitution of fly ash at a higher dosage of 20 percent is acceptable.