STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

ADDENDUM NO. 1
FOR
NAWILIWILI HARBOR, BOLLARD REPAIRS
KAUAI, HAWAII
JOB S70171

June 5, 2026

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

A. SPECIFICATIONS

1. Delete **ARTICLE XIII – BOLLARD REPAIR**, Page 13-2, dated 04/2026, and replace it with the attached **ARTICLE XIII – BOLLARD REPAIR**, Page 13-2, dated r06/05/2026.

The following is provided for information.

B. PRE-BID MEETING MINUTES

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

C. RESPONSE TO REQUESTS FOR INFORMATION (RFI'S/QUESTIONS)

1. The attached **RESPONSE TO REQUEST FOR INFORMATION** is provided for information.

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

NIKO G. SALVADOR
Harbors Engineering Program Manager

The maximum water to cementitious materials ratio shall be 0.40 and the mix water shall be reduced as necessary to account for the admixture.

A. Reinforcing Steel Anti-Corrosion Coating - Anti-corrosion coating with a minimum 7 day open time for reinforcing steel shall be Sika Armatec 110 Epocem by Sika, or approved equal.

B. Epoxy Grout - Epoxy for grouting of dowels shall be SET-3G by Simpson Strong-Tie, or approved equal.

C. Curing Compound for concrete repairs shall be acceptable to the Harbors Construction Engineer.

D. Non-Shrink Grout shall be a premixed non-metallic formula, capable of developing a minimum compressive strength of 3,000 psi in 1 day and 5,000 psi in 28 days.

E. Bollard – Bollards shall be a new cast steel bollards as shown on the drawings and shall be fabricated from stress-relieved cast steel conforming to Grade 65-35 of ASTM A27. Bollards shall be manufactured by Marinus Engineering, Marine Structures, or approved equal. Mooring bollard manufacturer shall provide structural calculations stamped by a licensed structural engineer confirming the bollard, anchor hardware and embedment depths meet following required pull ratings.

1. Type A1 and A1 bollards shall have a horizontal pull rating of 40 tons and a 45 degree pull rating of 33 tons.

2. Type B1 and B2 bollards shall have a capacity of 100 tons (50 tons per bitt).

3. Type C bollards shall have a capacity of 50 tons.

F. Concrete – New concrete for filling the new bollards shall be Class A, f'c = 3,000 psi concrete conforming to Section 601 of the Standard Specifications.

G. Paint - All paints shall be delivered to the site in the manufacturer's sealed containers. Each container shall be labeled by the manufacturer with the label showing the name, brand, type of paint, color of paint, and the manufacturer's instructions for reducing consistency. The painting materials shall be the following or approved equal.

1. High Solids Epoxy Coating – High Solids Epoxy Coating shall be Amerlock 400 manufactured by PPG Protective and Marine Coatings or approved equal.

STATE OF HAWAII
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PRE-BID MEETING MINUTES

DATE: May 27, 2026 **TIME:** 9:00 a.m.

LOCATION: Virtual Tele-Conference via Microsoft Teams

PROJECT: Nawiliwili Harbor, Bollard Repairs
Kauai, Hawaii
Job S70171

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 made through an addendum. A copy of the meeting minutes will be issued to all attendees.

2. Deadline for questions is June 1, 2026.

3. Bids are due June 18, 2026, at 2 PM HST.

4. The scope of work consists of repairing bollards at Nawiliwili Harbor, Kauai, Hawaii.

5. TWIC (Transportation Worker Identification Credential) cards will be required for personnel to access the project site.

6. The total project duration is 180 calendar days, including time for submittals and material procurement. Work is anticipated to start shortly after the project is awarded.

7. The estimated cost is between $250,000 to $750,000.

MEETING ATTENDANCE SHEET
Pre-Bid Meeting

Project Name: Nawiliwili Harbor, Bollards Repairs
Kauai, Hawaii
Project No. S70171
Meeting Location: Honolulu Harbor, Oahu, Hawaii, Tele-Conference
Date: May 27, 2026 9:00 a.m.

Name: Branden Sumida Title:	Company: DOT Harbors Address:	Phone: Fax: Email: branden.sumida@hawaii.gov
Name: Grant Okunaga Title:	Company: MKE Associates LLC Address:	Phone: Fax: Email: grant@mkellc.com
Name: Robert Asato Title:	Company: MKE Associates LLC Address:	Phone: Fax: Email: robert@mkellc.com
Name: Ryan Arfman Title:	Company: Sea Engineering, Inc. Address:	Phone: Fax: Email: rarfman@seaengineering.com
Name: Russell Luke Title:	Company: Sea Engineering, Inc. Address:	Phone: Fax: Email: rluke@seaengineering.com
Name: Jordan Bleasdale Title:	Company: MoCon Corporation Address:	Phone: (808) 749-2322 Fax: Email: jordan@moconcorp.com
Name: Title:	Company: Address:	Phone: Fax: Email:
Name: Title:	Company: Address:	Phone: Fax: Email:
Name: Title:	Company: Address:	Phone: Fax: Email:
Name: Title:	Company: Address:	Phone: Fax: Email:

Questions for solicitation: B26002981 S70171 Nawiliwili Harbor, Bollard Repairs, Kauai, Hawaii
Questions received on 06/01/2026

1. **Marine Structures respectfully request that we be added as an approved equal for the cast steel bollards required for this project.**

This substitution request is approved. See Addendum No. 1.

2. **Is it allowable to use Sikacrete 211 SCC+ in lieu of ready mix concrete?**

Yes.

3. **Please advise if new bollard hardware shall be 316 stainless steel.**

New bollard hardware shall be stainless steel but not necessarily Type 316.

4. **Please provide details/specifications for the angle under the bollard shown in detail 1/S-5.**

Angle shall be designed by bollard manufacturer.