

**STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS**

**ADDENDUM NO. 1
FOR
MINOR BRIDGE REPAIRS
AT VARIOUS LOCATIONS, PART 1
PROJECT NO. HWY-K-02-23M
DISTRICTS OF WAIMEA, KOLOA, LIHUE AND KAWAIHAU
ISLAND OF KAUAI
June 9, 2023**

This Addendum shall make the following amendments to the Bid Documents:

A. SPECIAL PROVISIONS PROPOSAL, CONTRACT AND BOND TITLE PAGE

1. Delete **SPECIAL PROVISIONS PROPOSAL, CONTRACT AND BOND TITLE PAGE**, in its entirety, and replace with the attached **SPECIAL PROVISIONS PROPOSAL, CONTRACT AND BOND TITLE PAGE**.

B. TABLE OF CONTENTS:

1. Delete **TABLE OF CONTENTS**, dated 8/18/22, in its entirety, and replace with the attached **TABLE OF CONTENTS**, dated 6/9/23.

C. SPECIAL PROVISIONS:

1. Add and make a part of the Special Provisions the attached **SECTION 501 – STEEL STRUCTURES**, dated 6/9/23.
2. Delete **SECTION 645 – WORK ZONE TRAFFIC CONTROL**, dated 4/1/23, in its entirety, and replace with the attached **SECTION 645 – WORK ZONE TRAFFIC CONTROL**, dated 6/9/23.

D. PROPOSAL SCHEDULE

1. Delete **Proposal Schedule** pages **P-7 to P-10**, dated 5/18/2023 and replace with the attached **Proposal Schedule** pages **P-7 to P-10**, dated 6/9/23.

E. PLANS:

1. Delete Plan Sheet No. **4 – General Notes -1** and replace with attached Plan Sheet No. **ADD. 4 – GENERAL NOTES -1**
2. Delete Plan Sheet No. **5 – General Notes – 2** and replace with attached Plan Sheet No. **ADD.5 – GENERAL NOTES – 2**.

3. Delete Plan Sheet No. **8** – BMP and Environmental Notes – 2 and replace with attached Plan Sheet No. **ADD.8** – BMP AND ENVIRONMENTAL NOTES – 2.
4. Delete Plan Sheet No. **9** – Structural General Notes and replace with attached Plan Sheet No. **ADD.9** – STRUCTURAL GENERAL NOTES.
5. Delete Plan Sheet No. **10** – Typical Spall Repair Details and replace with attached Plan Sheet No. **ADD.10** – TYPICAL SPALL REPAIR DETAILS.
6. Delete Plan Sheet No. **14** – Hanamaulu River (Viaduct) Bridge and replace with attached Plan Sheet No. **ADD.14** – HANAMAULU RIVER (VIADUCT) BRIDGE.
7. Delete Plan Sheet No. **17** – Joint Repair Details and Notes and replace with attached Plan Sheet No. **ADD.17** – JOINT REPAIR DETAILS AND NOTES.
8. Delete Plan Sheet No. **18** – Hoinakaunalehua Stream Bridge and replace with attached Plan Sheet No. **ADD.18** – HOINAKAUNALEHUA STREAM BRIDGE.
9. Delete Plan Sheet No. **20** – Kekaha Channel No. 1 Culvert and replace with attached Plan Sheet No. **ADD. 20** – KEKAHA CHANNEL NO. 1 CULVERT
10. Add and make a part of the Plans the attached Plan Sheet No. **ADD.20S1** - KEKAHA CHANNEL NO. 1 CULVERT.
11. Delete Plan Sheet No. **21** – Papaa Stream Bridge and replace with attached Plan Sheet No. **ADD. 21** – PAPAA STREAM BRIDGE

The following is provided for information.

F. PRE-BID MEETING MINUTES

1. Attached are the May 31, 2023 Pre-Bid Meeting Minutes and Attendance Sheet for your information.

G. RESPONSES TO REQUEST FOR INFORMATION (RFI'S / QUESTIONS)

1. The attached Responses to Request for Information (RFI's / Questions) is provided for information.

H. PHOTOS OF BRIDGE SPALL REPAIRS

1. The attached Photos of Bridge Spall Repairs and June 10, 2021, Routine Bridge Inspection Report are 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.



ROBIN K. SHISHIDO
Highways Deputy Director



**STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HONOLULU, HAWAII**

SPECIAL PROVISIONS PROPOSAL, CONTRACT AND BOND

FOR

**MINOR BRIDGE REPAIRS
AT
VARIOUS LOCATIONS, PART 1**

PROJECT NO. HWY-K-02-23M

**DISTRICTS WAIMEA, KOLOA, LIHUE, AND
KAWAIHAU**

ISLAND OF KAUAI

FY 2023

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(I) Amend 501.04 – Measurement by revising lines 511 to 512 to read as follows:

(II) Amend **501.05 – Payment** by revising lines 514 to 529 to read as follows:

The Engineer will pay for Replacing Heavily Corroded Reinforcing Steel on a Force Account Basis. The Contractor shall notify the Engineer when more than 50% of the reinforcing steel section has been lost to corrosion. At that time the Engineer will document the quantity of work required to complete the rebar replacement.

The Engineer will pay for the following pay items when included in the proposal schedule:

Pay Item	Pay Unit
Structural Steel - _____	Lump Sum
Replace Heavily Corroded Reinforcing Steel	Force Account"

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501-1a

Addendum No. 1
r6/9/23

1 **SECTION 645 - WORK ZONE TRAFFIC CONTROL**

2
3 Make the following amendments to said Section:

4
5 **(I) Amend 645.03 Construction** from line 64 to 66 to read as follows:

6
7 "Furnish two flaggers or police officers for each location that requires work
8 zone traffic control. If TCP is included in the contract documents, furnish
9 number of flaggers or police officers indicated in TCP."

10
11 **(II) Amend 645.03 (B) Construction Signs** from line 162 to 169 by changing all
12 references to "Construction Signs" to read "**Work Zone Signs**".

13
14 **(III) Amend Subsection 645.03 Construction** by adding this paragraph after line
15 170 to read as follows:

16
17 **"(1) Covers.** Use sign covers when existing signs confuse the public or
18 are in conflict with TCP signs installed. Sign covers shall be commercially
19 manufactured and accepted by the Engineer before use. Sign covers shall at
20 all times and under all conditions not allow any portion of the sign being
21 covered to be visible. If more than one side of the sign has words or symbols
22 cover all sides of the sign until needed. "Homemade" or "field made" covers
23 shall not be used. Covering of sign identification markings are not required if
24 that is the only markings on that side of the sign. Sign covers shall be
25 maintained.

26
27 Removal of the existing sign in lieu of the use of sign covers may be
28 acceptable to the Engineer provided the previously removed existing sign is
29 immediately reinstalled when directed. Removal of existing post(s) and
30 mounting hardware is required if not used to mount the new TCP sign. New
31 mounting hardware shall be used to mount the TCP signs if the existing
32 hardware is in an unacceptable condition in the opinion of the Engineer. In
33 addition, should the sign or post during storage, in the opinion of the
34 Engineer, become unacceptable or lost or stolen the Contractor shall replace
35 the sign or post with a new sign or post. Use new hardware to reinstall the
36 sign regardless whether it is an existing sign or new."

37 **(IV) Amend Subsection 645.03 (F) Lane Closures** Line 248 to 282 to read as
38 follows:

39
40
41 **" (F) Lane Closures.** Lane closure as shown in the traffic control plans will
42 be allowed:

43
44 **1) Nawiliwili River (Lihue Mill) Bridges, Hanamaulu River (Viaduct)**
45 **Bridge, and Wailua River Plantation Bridge**

46
47 **Sunday: 9:00 p.m. to Midnight**

Weekdays: Midnight to 5:00 a.m. and 9:00 p.m. to Midnight (excluding Friday Evening). No closures are allowed Friday Evening and on Saturday.

Night work and night closure will not be allowed during the seabird fallout season period (September 15 to December 15).

2) Kekaha Channel No. 1, Unnamed Stream (5-Cell) Culvert, Hoinakaunalehua Stream Bridge, and Papaa Stream Bridge

Weekdays: 8:30 a.m. to 3:00 p.m.

Keep lanes open to traffic and allow flow at posted speed limit during non-working hours.

Exceptions to lane closure hours specified require written acceptance by the Engineer. No increase in contract price or contract time will be given for lane closure restrictions specified.

The Contractor shall coordinate lane closures with adjacent projects at no increase to the contract price or contract time.

Exceptions to the lane closure hours specified shall require a written request 10 working days for the Engineer's approval prior to any adjustments specified."

(V) Amend Subsection 645.03 (G) Advisory Signs from Line 314 to Line 324 to read as follows:

"(G) Advisory Signs. Advisory signs are not required for this project."

(VI) Amend Subsection 645.03 (H) Advertisement from Line 391 to Line 392 to read as follows:

"Place advertisement for three (3) consecutive days and within one week before traffic pattern changes, in publication as ordered by the Engineer. In lieu of the advertisement(s), the Engineer may substitute the use of two portable changeable message boards and accessories at no additional cost for three (3) days for each required advertisement."

(VII) Amend Subsection 645.04 - Measurement from line 394 to line 403 to read as follows:

"645.04 Measurement

(A) Traffic control as specified in Subsection 645.03 – Construction including sign covers and the initial advertisement(s) will be measured on contract lump sum basis. Measurement for payment will not apply.

(B) The Engineer will measure additional police officers, additional traffic control devices, and additional advertisements, if ordered by the Engineer, on a force account basis, in accordance with Subsection 109.06 – Force Account Provisions and Compensation.'

(VIII) Amend **Subsection 645.05 - Payment** from lines 405 to 428 to read:

"645.05 Payment. The Engineer will pay for the accepted traffic control, additional police officers, and additional traffic control devices, and additional advertisements at the contract price per pay unit, as shown in the proposal schedule. Payment will be full compensation for the work prescribed in this section and the contract documents.

The Engineer will pay for the following pay items when included in the proposal schedule:

Pay Item	Pay Unit
Traffic Control for _____	Lump Sum
Additional Police Officers, Additional Traffic Control Devices, and Additional Advertisements	Force Account

An estimated amount for the force account may be allocated in the proposal schedule under "Additional Police Officers, Additional Traffic Control Devices, and Additional Advertisements", but the actual amount to be paid will be the sum shown on the accepted force account records, whether this sum be more or less than the estimated amount allocated in the proposal schedule.

The Engineer will not pay for request submittals. The Engineer will not consider claims for additional compensation of late submittals or requests by Contractor."

END OF SECTION 645

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
201.0100	Clearing and Grubbing for Kekaha Channel No. 1	280	S.Y.	\$ _____	\$ _____
209.0100	Installation, Maintenance, Monitoring, and Removal of BMP at Kehaha Channel No. 1 Bridge	L.S.	L.S.	L.S.	\$ _____
209.0200	Installation, Maintenance, Monitoring, and Removal of BMP at Unnamed Stream, 5-Cell Culvert	L.S.	L.S.	L.S.	\$ _____
209.0300	Installation, Maintenance, Monitoring, and Removal of BMP at Hoinakaunalehua Bridge	L.S.	L.S.	L.S.	\$ _____
209.0400	Installation, Maintenance, Monitoring, and Removal of BMP at Nawiliwili Bridge - Inbound	L.S.	L.S.	L.S.	\$ _____
209.0500	Installation, Maintenance, Monitoring, and Removal of BMP at Nawiliwili Bridge - Outbound	L.S.	L.S.	L.S.	\$ _____
209.0600	Installation, Maintenance, Monitoring, and Removal of BMP at Hanamaulu River Viaduct	L.S.	L.S.	L.S.	\$ _____
209.0700	Installation, Maintenance, Monitoring, and Removal of BMP at Papaa Stream Bridge	L.S.	L.S.	L.S.	\$ _____
209.0800	Installation, Maintenance, Monitoring, and Removal of BMP at Wailua River Plantation Bridge	L.S.	L.S.	L.S.	\$ _____

Addendum No. 1

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ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
209.0900	Additional Water Pollution, Dust, and Erosion Control	F.A	F.A	F.A.	\$ 50,000
501.0100	Structural Steel - Repair Weld at Hanamaulu River (Viaduct) Bridge Railing	L.S.	L.S.	L.S.	\$ _____
501.0200	Replace Heavily Corroded Reinforcing Steel	F.A	F.A	F.A.	\$ 15,000
515.0100	Deck Expansion Joints at Approach Slabs - Nawiliwili Stream Bridge (Lihue Mill) - Inbound	130	L.F.	\$ _____	\$ _____
515.0110	Deck Expansion Joints at Abutments - Nawiliwili Stream Bridge (Lihue Mill) - Inbound	124	L.F.	\$ _____	\$ _____
515.0200	Deck Expansion Joints at Approach Slabs - Nawiliwili Stream Bridge (Lihue Mill) - Outbound	110	L.F.	\$ _____	\$ _____
515.0210	Deck Expansion Joints at Abutments - Nawiliwili Stream Bridge (Lihue Mill) - Outbound	118	L.F.	\$ _____	\$ _____
515.0300	Deck Expansion Joints at Deck Hinges - Hanamaulu Viaduct	100	L.F.	\$ _____	\$ _____
515.0310	Deck Expansion Joints at Abutments - Hanamaulu Viaduct	100	L.F.	\$ _____	\$ _____
515.0400	Deck Expansion Joints at Wailua River Plantation Bridge	78	L.F.	\$ _____	\$ _____
636.0100	Additional E-Construction Programs, additional licenses or additional equipment	F.A	F.A	F.A.	\$ 10,000
645.0100	Traffic Control for Kekaha Channel No. 1	L.S.	L.S.	L.S.	\$ _____

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
645.0200	Traffic Control for Unnamed Stream (5-Cell Culvert)	L.S.	L.S.	L.S.	\$ _____
645.0300	Traffic Control for Hoinakaunalehua Stream Bridge	L.S.	L.S.	L.S.	\$ _____
645.0400	Traffic Control for Nawiliwili Stream Bridge (Lihue Mill) - Inbound	L.S.	L.S.	L.S.	\$ _____
645.0500	Traffic Control for Nawiliwili Stream Bridge (Lihue Mill) - Outbound	L.S.	L.S.	L.S.	\$ _____
645.0600	Traffic Control for Hanamaulu River (Viaduct) Bridge	L.S.	L.S.	L.S.	\$ _____
645.0700	Traffic Control for Papaa Stream Bridge	L.S.	L.S.	L.S.	\$ _____
645.0800	Traffic Control for Wailua River Plantation Bridge	L.S.	L.S.	L.S.	\$ _____
645.0900	Additional Police Officers, Additional Control Devices, and Advertisement	F.A	F.A	F.A.	\$ _____ 50,000
648.0100	Field Posted Drawings	L.S.	L.S.	L.S.	\$ _____
671.0100	Protection of Seabirds	F.A	F.A	F.A.	\$ _____ 10,000
682.0100	Concrete Repair Type 2 at Nawiliwili Stream (Lihue Mill) Bridge - Inbound	6	S.F.	\$ _____	\$ _____
682.0110	Concrete Repair Type 3 at Nawiliwili Stream (Lihue Mill) Bridge - Inbound	8	S.F.	\$ _____	\$ _____
682.0200	Concrete Repair Type 1 at Kekaha Channel No. 1 Bridge	23	S.F.	\$ _____	\$ _____
682.0210	Concrete Repair Type 4 at Kekaha Channel No. 1 Bridge	60	S.F.	\$ _____	\$ _____

1

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
682.0300	Concrete Repair Type 1 at Unnamed Stream, 5-Cell Culvert	4	S.F.	\$ _____	\$ _____
682.0310	Concrete Repair Type 2 at Unnamed Stream, 5-Cell Culvert	5	S.F.	\$ _____	\$ _____
682.0320	Concrete Repair Type 3 at Unnamed Stream, 5-Cell Culvert	4	S.F.	\$ _____	\$ _____
682.0400	Concrete Repair Type 1 at Hoinakaunalehua Stream Bridge	7	S.F.	\$ _____	\$ _____
682.0500	Concrete Repair Type 1 at Hanamaulu Viaduct	35	S.F.	\$ _____	\$ _____
682.0510	Concrete Repair Type 3 at Hanamaulu Viaduct	8	S.F.	\$ _____	\$ _____
682.0600	Concrete Repair Type 3 at Papaa Stream Bridge	4	S.F.	\$ _____	\$ _____
699.0100	Mobilization (Not to Exceed 6 Percent of the Sum of All Items Excluding the Bid Price of This Item)	L.S.	L.S.	L.S.	\$ _____
Total Amount for Comparison of Bids.....					\$ _____
1.0 Bids shall include all Federal, State, County and other applicable taxes and fees.					
2.0 The TOTAL AMOUNT FOR COMPARISON OF BIDS shall be used to determine the lowest possible bidder.					
3.0 Bidders shall complete all unit prices and amounts. Failure to do so may be grounds for rejection of bid.					
4.0 If a discrepancy occurs between unit bid price and the bid price, the unit bid price shall govern.					
5.0 The bidder shall submit the proposal in HlePRO. The proposal shall be UPLOADED to HlePRO prior to the bid opening date and time. Proposals received after said due date and time shall not be considered. Original (wet ink) proposal documents are not required to be submitted. The award will be made based on proposals uploaded in HlePRO. Any and all other additional documents explicitly designated and labeled as CONFIDENTIAL OR PROPRIETARY shall be UPLOADED SEPARATELY to HlePRO. If there is a conflict between this specification and its HlePRO solicitation, the specifications shall govern and control unless otherwise specified.					

MINUTES OF THE PRE-BID MEETING

PROJECT: Minor Bridge Repairs at Various Locations, Part 1
Districts of Waimea, Koloa, Lihue and Kawaihau
Island of Kauai

PROJECT NO.: HWY-K-02-23M

LOCATION: Microsoft Teams video conference

DATE & TIME: May 31, 2023 at 10:00 A.M.

IN ATTENDANCE:

Jeff Aguinaldo
Eric Fujikawa
Greg Uyematsu

HDOT-HWY-K
HDOT-HWY-K
Kiewit Infrastructures West Co.

The meeting started at 10:00 A.M. Project Engineer, Jeff Aguinaldo began the meeting and requested attendees who had not done so yet to type in their name, company affiliation and contact information as this would be used as the pre-bid meeting's attendance sheet. An introduction a brief overview of the project was given.

Anything said at this meeting is for clarification purposes only, the bid documents shall govern over anything said today and discrepancies shall be clarified by addendum.

All questions that resulted from this meeting were directed to be submitted through HiePRO and will be formally answered through the addendum.

The following questions were raised at the meeting:

Question #1: Are daytime lane closures allowed at Kekaha Channel No. 1?

Response: We will clarify this in the addendum.

Question #2: Are NPDES and Army Corp Section 401/404 permits required for this project?

Response: An NPDES permit is not required for this project. Army Corp permits requirements for this project will be clarified in the addendum.

Question #3: Where is the location of Hoinakaunalehua Stream bridge?

Response: Hoinakaunalehua Stream bridge is located on Kaumualii Highway between the driveway to Kauai Nursery & Landscaping and Kipu Road.

Question #4: Is work allowed during bird season? If so, how will the work be handled?

Response: We will clarify this in the addendum.

With no further questions or comments, the pre-bid meeting was adjourned at 10:13 A.M.

The minutes of the meeting will be distributed in Addendum No. 1 on the Contract Plans. Contractors will be notified via HiePRO when the addendum will be available.

Minor Bridge Repairs at Various Locations, Part 1

Project No. HWY-K-02-23M

Pre-Bid Meeting 5/31/2023, 10:00 AM, Microsoft Teams Video Conference

Minor Bridge Repairs at Various Locations, Part 1 Pre-Bid Confere...

ChatFilesMeeting NotesRecordings & Transcri...Meeting WhiteboardQ&A+Join

Aguinaldo, Jeff J was invited to the meeting.

Mike Hunnemann (External) was invited to the meeting.

Wednesday

Wednesday 9:59 AM Meeting started

Greg.Uyematsu was invited to the meeting.

Wednesday 10:00 AM

Jeff Aguinaldo, HDOT, 808-241-3018, jeff.j.aguinaldo@hawaii.gov

G

Greg.Uyematsu Wednesday 10:01 AM

Greg Uyematsu

Greg Uyematsu, Kiewit Infrastructure West Co. 457-4500

greg.uyematsu@kiewit.com

EF

Fujikawa, Eric I Wednesday 10:03 AM

Eric Fujikawa, HDOT-Kauai, 808-241-3015, eric.i.fujikawa@hawaii.gov

Greg.Uyematsu left the chat.

Wednesday 10:13 AM Meeting ended: 14m 10s

Responses to Request for Information (RFI's/Questions)
HlePRO Questions for solicitation B23002876
Minor Bridge Repairs at Various Locations, Part 1
Project No. HWY-K-02-23M
As of June 9, 2023

1. Sheet C-9 Shows Type 3 spall repairs at the Unnamed Stream (5-cell) culvert. There is no bid item for this work. Please add BI 682.0320 for this work.

RESPONSE: Proposal Schedule has been revised.

2. Bid Item 501.0100 is for repair weld at bridge railing. This work appears to only occur at the Hanamaulu Bridge. Please provide the details for the work.

RESPONSE: See Addendum No. 1 for added detail.

3. Notes on the right of the page has ** Groove All Repairs to Match Existing Deck. Patching Material shall be **. Please confirm that patching material shall be per Sheet C-1F, polymer modified concrete.

RESPONSE: Yes, patching material shall be per Sheet C-1F.

4. Due to the access needed to perform these repairs, please provide the following: 1. Photos of the spalls correlated to the location. 2. Note that the spall is either a horizontal (at your feet), overhead (above), or vertical (wall type repair). The exact locations will help with photos to calculate the access needed to perform the work.

RESPONSE: See Addendum No. 1 for added attachments.

5. As there are no BMP drawings, please provide provide BMP drawings to clarify the expectation at each location.

RESPONSE: See Addendum No. 1 for added details.

6. Please provide the limits of clear and grub on the contract plans to clearly identify the limits.

RESPONSE: See Addendum No. 1 for added details.

7. Please provide the details for the restoration of these clear and grub areas, if there are any.

RESPONSE: See Addendum No. 1 for added details.

8. Sheet C-1 Note 7 and 7a are contradicting. Please provide a table outlining the exact lane closure restrictions at each Bridge location.

RESPONSE: See Addendum No. 1 for clarifications.

9. Sheet C-1F shows 3/4" min scape behind the rebar. Since the Bid Item is by SF, please provide a depth to which bidders are to assume for the spall repair.

RESPONSE: See Addendum No. 1 for clarifications.

10. Please provide an allowance item for corroded reinforcing, that may be encountered and damaged, to no fault of the contractor.

RESPONSE: Proposal Schedule has been revised.

11. Please provide an allowance item for unsound concrete encountered beyond the assumed limits (3/4" beyond rebar).

RESPONSE: See Addendum No. 1 for clarifications.

12. Sheet C-10 Kekaha Culvert requires soffit repairs. Work will be required in the culvert in the existing Kekaha Stream. Please provide the NPDES and 401 permit for this work, so that a dewatering permit can be acquired.

RESPONSE: Work is assumed accessible without the requirement to dewater. See Addendum No. 1 for clarifications.

13. Please provide the timeframe contractors are to assume acquire dewatering permit.

RESPONSE: Work is assumed accessible without the requirement to dewater. See Addendum No. 1 for clarifications.