

**STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS**

**ADDENDUM NO. 2
FOR
KUHIO HIGHWAY RESURFACING
WAIKAEA BRIDGE TO MAILIHUNA ROAD
FEDERAL-AID PROJECT NO. NH-056-1(063)
DISTRICT OF KAWAIHAU
ISLAND OF KAUAI
April 27, 2023**

This Addendum makes the following amendments to the Bid Documents:

A. TABLE OF CONTENTS:

1. Delete **TABLE OF CONTENTS**, dated 3/6/23 and replace with the attached **TABLE OF CONTENTS**, dated r4/21/23.

B. NOTICE TO BIDDERS:

1. Delete **NOTICE TO BIDDERS**, dated 3/22/23 and replace with the attached **NOTICE TO BIDDERS**, dated r4/25/23.
2. Prospective bidders are hereby notified that receiving of sealed bids scheduled for Thursday, May 4, 2023 at 2:00 P.M. Hawaii Standard Time (HST) will be postponed and rescheduled for Thursday, May 11, 2023 at 2:00 P.M. HST.
3. Prospective bidders are hereby notified that the submission of the Disadvantaged Business Enterprise (DBE) Contract Goal Verification and Good Faith Efforts Documentation for Construction, DBE Confirmation and Commitment Agreement – Trucking Company, and DBE Confirmation and Commitment Agreement – Subcontractor, Manufacturer, or Supplier scheduled for May 9, 2023 at 4:30 P.M. HST will be postponed and rescheduled for May 16, 2023 at 4:30 P.M. HST.

C. SPECIAL PROVISIONS:

1. Delete **SECTION 645 – WORK ZONE TRAFFIC CONTROL**, dated 11/4/21 and replace with the attached **SECTION 645 – WORK ZONE TRAFFIC CONTROL**, dated r4/21/23.
2. Add and make a part of the Special Provisions the attached **SECTION 750 – TRAFFIC CONTROL SIGN AND MARKER MATERIALS**, dated r4/21/23.

D. PROPOSAL SCHEDULE:

1. Delete **Proposal Schedule** pages **P-8** through **P-18**, dated r4/14/23 and replace with the attached Proposal Schedule pages **P-8** to **P-18**, dated r4/21/23.

E. PLANS:

1. Delete Plan Sheet No. **2** – Standard Plans Summary and replace with attached Plan Sheet No. **ADD. 2** – STANDARD PLANS SUMMARY.
2. Add attached Plan Sheet No. **ADD. 2S1** – GALVANIZED SQUARE TUBE SIGN POST MOUNTING.
3. Delete Plan Sheet No. **3** – General Notes and Legend and replace with attached Plan Sheet No. **ADD. 3** – GENERAL NOTES AND LEGEND.
4. Delete Plan Sheet No. **12** – Typical Sections and replace with attached Plan Sheet No. **ADD. 12** – TYPICAL SECTIONS.
5. Delete Plan Sheet No. **13** – Miscellaneous Detail and replace with attached Plan Sheet No. **ADD. 13** – MISCELLANEOUS DETAIL.
6. Delete Plan Sheet No. **ADD.20** – Roadway Plan, revision dated 4/13/23 and replace with attached Plan Sheet No. **ADD. 20** – MISCELLANEOUS DETAIL, revision dated 4/25/23.
7. Delete Plan Sheet No. **23** – Pavement Marking Legend, Details, Notes & Summary and replace with attached Plan Sheet No. **ADD. 23** – PAVEMENT MARKING LEGEND, DETAILS, NOTES & SUMMARY.
8. Add attached Plan Sheet No. **ADD. 23S1** – CONCRETE FOUNDATION AND BASE DETAIL.
9. Delete Plan Sheet No. **31** – Pavement Marking & Traffic Signing Plan and replace with attached Plan Sheet No. **ADD. 31** – PAVEMENT MARKING & TRAFFIC SIGNING PLAN.
10. Delete Plan Sheet No. **ADD.32** – Pavement Marking & Traffic Signing Plan, revision dated 4/13/23 and replace with attached Plan Sheet No. **ADD. 32** PAVEMENT MARKING & TRAFFIC SIGNING PLAN, revision dated 4/25/23.
11. Delete Plan Sheet No. **34** – Sign Detail and replace with attached Plan Sheet No. **ADD. 34** – SIGN DETAIL.
12. Delete Plan Sheet No. **35** – Sign Detail and replace with attached Plan Sheet No. **ADD. 35** – SIGN DETAIL.

13. Delete Plan Sheet No. **41** – Traffic Counting System Cabinet and Foundation and replace with attached Plan Sheet No. **ADD. 41** – TRAFFIC COUNTING SYSTEM CABINET AND FOUNDATION.
14. Delete Plan Sheet No. **43** – Low Speed Undivided Highway Work Zone Signing Plan, Notes & Details and replace with attached Plan Sheet No. **ADD. 43** – LOW SPEED UNDIVIDED HIGHWAY, WORK ZONE SIGNING PLAN, NOTES & DETAILS.

The following is provided for information.

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

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

Please acknowledge receipt of this Addendum No. 2 by recording the date of its receipt in the space provided on page P-4 of the Proposal.



ROBIN K. SHISHIDO
Highways Deputy Director

TABLE OF CONTENTS

Notice To Bidders

Instructions for Contractor's Licensing

Notice of Requirement for Affirmative Action to Ensure
Equal Employment Opportunity (Executive Order 11246)

Disadvantaged Business Enterprise (DBE) Requirements

Required Federal-Aid Contract Provisions

Special Provisions Title Page

Special Provisions:

DIVISION 100 - GENERAL PROVISIONS		
Section	Description	Pages
101	Terms, Abbreviations, and Definitions	101-1a – 101-13a
102	Bidding Requirements and Conditions	102-1a – 102-8a
103	Award And Execution of Contract	103-1a – 103-5a
104	Scope of Work	104-1a – 104-2a
105	Control of Work	105-1a – 105-3a
106	Material Restrictions and Requirements	106-1a
107	Legal Relations and Responsibility To Public	107-1a – 107-4a
108	Prosecution And Progress	108-1a – 108-25a
109	Measurement and Payment	109-1a – 109-2a

DIVISION 200 - EARTHWORK		
Section	Description	Pages
201	Clearing and Grubbing	201-1a
209	Temporary Water Pollution, Dust, and Erosion Control	209-1a – 209-28a

DIVISION 400 - PAVEMENTS		
Section	Description	Pages
401	Hot Mix Asphalt Pavement	401-1a – 401-37a
407	Tack Coat	407-1a
415	Cold Planing of Existing Pavement	415-1a

DIVISION 600 - INCIDENTAL CONSTRUCTION		
Section	Description	Pages
615	Milled Rumble Strip	615-1a – 615-2a
629	Pavement Markings	629-1a – 629-6a
630	Traffic Control Guide Signs	630-1a – 630-2a
631	Traffic Control Regulatory, Warning, and Miscellaneous Signs	631-1a – 631-2a
632	Markers	632-1a
634	Portland Cement Concrete Sidewalks	634-1a
636	E-Construction	636-1a – 636-3a
638	Portland Cement Concrete Curb and Gutter	638-1a – 638-2a
645	Work Zone Traffic Control	645-1a – 645-3a
658	Enhanced Vehicle Classification System	658-1a – 658-19a
671	Protection of Threatened and Endangered Species	671-1a – 671-5a
699	Mobilization	699-1a



DIVISION 700 - MATERIALS		
Section	Description	Pages
702	Bituminous Materials	702 -1a
750	Traffic Control Sign and Marker Materials	750-1a – 750-2a
755	Pavement Marking Materials	755-1a



Requirement of Chapter 104, HRS
Wages and Hours of Employees on Public Works Law

Federal Wage Rates

Proposal Title Page

Proposal	P-1 – P-7
Proposal Schedule	P-8 - P-18

Disadvantaged Business Enterprise (DBE) Contract Goal Verification and Good Faith Efforts (GFE) Documentation For Construction

Disadvantaged Business Enterprise (DBE) Confirmation and Commitment Agreement – Trucking Company

Disadvantaged Business Enterprise (DBE) Confirmation and Commitment Agreement – Subcontractor, Manufacturer, or Supplier

Surety Bid Bond

Sample Forms

Contract

Performance Bond (Surety)

Performance Bond

Labor and Material Payment Bond (Surety)

Labor and Material Payment Bond

Disclosure of Lobbying Activities
Standard Form - LLL and LLL-A

Statement of Compliance
Form WH-348

Chapter 104, HRS Compliance Certificate

END OF TABLE OF CONTENTS

NOTICE TO BIDDERS
(Chapter 103D, HRS)

The receiving of SEALED BIDS for KUHIO HIGHWAY RESURFACING, WAIKAEA BRIDGE TO MAILIHUNA ROAD, PROJECT NO. NH-056-1(063), will begin as advertised on April 6, 2023 in HiePRO. Bidders are to register and submit bids through HiePro only. See the following HiePRO link for important information on registering: <https://hiepro.ehawaii.gov/welcome.html>.

Deadline to submit bids is Bid Opening Day, ²Thursday, May 11, 2023 at 2:00 P.M. Hawaii Standard Time (HST). Bids received after said due date and time shall not be considered.

The following documents are made part of the Contract Documents and are included in HiePRO; Noise Variance Permit.

²The project consists of work along Kuhio Highway from Waikaea bridge to Mailihuna road, and a parking lot located in Tax Map Key (TMK) (4) 4-6-014:100 & 4-6-014:036. The scope of work consists of reconstruction of weakened pavement areas, cold planing, resurfacing, installing new pavement markers, traffic signs, and curb extensions. The estimated cost of construction is between \$6,000,000 and \$8,000,000.

To be eligible for award, bidders must possess a valid State of Hawaii General Engineering “A” license prior to the award of contract.

A pre-bid conference is scheduled for **Pre-bid meeting April 13, 2023 at 10:00 A.M. HST on Microsoft Teams.** All prospective bidders or their representatives (employees) are encouraged to attend, but attendance is not mandatory. Due to the impacts of COVID 19, the pre-bid meeting will be conducted virtually. Please

call Microsoft Teams to join the Pre-bid meeting at (808) 829-4853, Phone Conference ID: 414 822 679#. Contact Eric Fujikawa, Project Manager, by phone, at (808) 241-3015, by facsimile at (808) 241-3011 or email at eric.i.fujikawa@hawaii.gov to obtain the venue for the pre-bid meeting. Anything said at the conference is for clarification purposes and any changes to the bid documents will be made by addendum and posted in HlePRO.

ALL requests for information (RFI) shall be received in writing via HlePRO no less than 14 calendar days before bid opening. Questions received after the deadline will not be addressed. Verbal requests for information will not receive a response.


Any protest of this solicitation shall be submitted in writing to the Director of Transportation, in accordance with §103D-701, HRS and §3-126, HAR.

Campaign contributions by State and County Contractors. Contractors are hereby notified of the applicability of Section 11-355, HRS, which states that campaign contributions are prohibited from specified State or county government contractors during the term of the contract if the contractors are paid with funds appropriated by the legislative body. For more information, contact the Campaign Spending Commission at (808) 586-0285.

The U.S. Department of Transportation Regulation entitled “Nondiscrimination in Federally-Assisted Programs of the U.S. Department of Transportation,” Title 49, Code of Federal Regulations (CFR), Part 21 is applicable to this project. Bidders are hereby notified that the Department of Transportation will affirmatively ensure that the contract entered into pursuant to this advertisement will be awarded to the lowest responsible bidder without discrimination on the grounds of race, color, national origin or sex (as directed by 23 CFR Part 200).

The Equal Employment Opportunity Regulations of the Secretary of Labor implementing Executive Order 11246, as amended shall be complied with on this project.

The U.S. Department of Transportation Regulations entitled "Participation by Disadvantaged Business Enterprise in Department of Transportation Programs", Title 49, Code of Federal Regulations, Part 26 is applicable to this project. Bidders are hereby notified that the Department of Transportation will strictly enforce full compliance with all of the requirements of the Disadvantaged Business Enterprise (DBE) program with respect to this project.


Bidders are directed to read and be familiar with the Disadvantaged Business Enterprise (DBE) Requirements, which establishes the program requirements pursuant to Title 49 Code of Federal Regulations Part 26 and, particularly, the requirements of certification, method of award, and evidence of good faith. All Bidders must e-mail the Engineer at eric.i.fujikawa@hawaii.gov, the Disadvantaged Business Enterprise (DBE) Contract Goal Verification and Good Faith Efforts (GFE) Documentation for Construction, Disadvantaged Business Enterprise (DBE) Confirmation and Commitment Agreement – Trucking Company and Disadvantaged Business Enterprise (DBE) Confirmation and Commitment Agreement – Subcontractor, Manufacturer, or Supplier  by May 16, 2023 at 4:30 P.M. HST. Failure to provide these documents shall be cause for bid/proposal rejection.

Driving While Impaired (DWI) Education. HDOT encourages all organizations contracted with the DOT to have an employee education program preventing DWI. DWI is defined as operating a motor vehicle while impaired by alcohol or other legal or illegal substances. HDOT promotes this type of program to accomplish

our mission to provide a safe environment for motorists, bicyclists and pedestrians utilizing our State highways, and expects its contractors to do so as well.

For additional information, contact Eric Fujikawa, Project Manager, by phone at (808) 241-3015, by facsimile at (808) 241-3011 or email at eric.i.fujikawa@hawaii.gov.

The State reserves the right to reject any or all proposals and to waive any defects in said proposals for the best interest of the public.



ROBIN K. SHISHIDO
Highways Deputy Director

Posted:

SECTION 645 - WORK ZONE TRAFFIC CONTROL

Make the following amendments to said Section:



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

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

(II) Amend **645.03 (B) Construction Signs** from line 162 to 169 by changing all references to “Construction Signs” to read “**Work Zone Signs**”.

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

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

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

(II) Amend **Subsection 645.03 (F) Lane Closures** Line 253 by changing "Oahu" to "Kauai".

(III) 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.”

(IV) 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.”

(V) 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.’

(VI) 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	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.

96 The Engineer will not pay for request submittals. The Engineer will not
97 consider claims for additional compensation of late submittals or requests by
98 Contractor.”
99

100
101
102

END OF SECTION 645

1 **SECTION 750 – TRAFFIC CONTROL SIGN AND MARKER MATERIALS**

2
3 Make the following amendments to said Section:

4
5 **(I)** Amend **Subsection 750.01(A)(1) Retroreflectorization** by replacing lines
6 8 through 31 to read:

7
8 **“(1) Retroreflectorization.** The following shall be retroreflectorized:

9
10 **(a)** Background for illuminated guide signs and exit number panels ("E"
11 designation) with ASTM D 4956 Type XI retroreflective sheeting.

12
13 **(b)** Background for non-illuminated guide signs and exit number panels
14 ("D" designation) with ASTM D 4956 Type XI retroreflective sheeting.

15
16 **(c)** Messages, arrows, and borders of guide signs and exit number
17 panels ("D" and "E" designations) with ASTM D 4956 Type XI
18 retroreflective sheeting.

19
20 **(d)** Regulatory and warning signs, directional signs ("DIR" designation),
21 route and auxiliary markers, shield symbols, yellow "EXIT ONLY" panels,
22 construction warning signs, and barricade rails, completely, with Type III,
23 IV, or IX retroreflective sheeting.

24
25 **(e)** Pedestrian, school, bicycle crossing series, completely with Type IX
26 fluorescent yellow green retroreflective sheeting.”

27
28
29 **(II)** Amend **Subsection 750.01(B) Backing** by replacing lines 72 through 73
30 to read:

31
32 “Aluminum sheet shall conform to ASTM B 209, alloy 5052-H38 or 6061-
33 T6 flat sheet.”

34
35 **(III)** Amend **Subsection 750.01(E) Retroreflective Sheeting Materials** by
36 replacing lines 1126 through 1137 to read:

37
38 **“(E) Retroreflective Sheeting Materials.** Retroreflective sheeting
39 includes white or colored sheeting having smooth outer surface.

40
41 Retroreflective sheeting shall be classified in accordance with ASTM D
42 4956.

43
44 The coefficient of retroreflection shall meet the minimum requirements of
45 ASTM D 4956 for the type of reflective sheeting specified.
46

The color shall conform to the latest appropriate standard color tolerance chart issued by the U.S. Department of Transportation, Federal Highway Administration and to the daytime and nighttime color requirements of ASTM D 4956.

Test methods and procedures shall be in accordance with ASTM.

(IV) Amend **Subsection 750.02 Sign Posts** by replacing lines 1168 through 1172 to read:

“(C) Square Tube Posts. Square posts shall conform to ASTM A 653 for cold-rolled, carbon steel sheet, commercial quality; or ASTM A 787 for electric-resistance-welded, metallic-coated carbon steel mechanical tubing.”

END OF SECTION 750

PROPOSAL SCHEDULE

△ STATE PROPERTIES (ALL WORK IN KUHIO HWY AND TMK (4) 4-6-014:100)

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
201.0101	Clearing and Grubbing (Parking Lot)	85	SY	\$ _____	\$ _____
209.0100	Installation, Maintenance, Monitoring, and Removal of BMP	LS	LS	LS	\$ _____
209.0200	Additional Water Pollution, Dust, and Erosion Control	FA	FA	FA	\$ <u>50,000.00</u>
401.0410	PMA Pavement, Mix No. IV PG64E-22	10415	Ton	\$ _____	\$ _____
401.0411	PMA Pavement, Mix No. IV PG64E-22 (Parking Lot)	180	Ton	\$ _____	\$ _____
401.9000	Pavement Smoothness Incentive	Allow	Allow	Allow	\$ <u>16,800.00</u>
414.0110	Excavation of Weakened Pavement Areas	1560	CY	\$ _____	\$ _____
415.0110	Cold Planing of Existing Pavement	44975	SY	\$ _____	\$ _____
415.0111	Cold Planing of Existing Pavement (Parking Lot)	1490	SY	\$ _____	\$ _____
△ 2 511.0100	Furnishing Drilled Shaft Drilling Equipment	LS	LS	LS	\$ _____
△ 2 511.0200	Drilled Shaft	64	LF	\$ _____	\$ _____
△ 2 511.0300	Standard Excavation	64	LF	\$ _____	\$ _____

Addendum No. 2

NH-056-1(063)

r4/21/23

P-8

PROPOSAL SCHEDULE

△ STATE PROPERTIES (ALL WORK IN KUHIO HWY AND TMK (4) 4-6-014:100)

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
604.4010	Adjust Manhole Cast Iron Frame and Cover	1	EA	\$ _____	\$ _____
615.0100	16-Inch Milled Rumble Strip, Centerline	2200	LF	\$ _____	\$ _____
615.0110	12-Inch Milled Rumble Strip, Edgeline	3000	LF	\$ _____	\$ _____
629.1000	4-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion)	1590	LF	\$ _____	\$ _____
629.1001	4-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion) (Parking Lot)	740	LF	\$ _____	\$ _____
629.1002	4-Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion)	160	LF	\$ _____	\$ _____
629.1004	4-Inch Pavement Striping (Tape, Type III or Thermoplastic Extrusion)	905	LF	\$ _____	\$ _____
629.1006	4-Inch Pavement Striping (Thermoplastic Hot Spray)	510	LF	\$ _____	\$ _____
629.1008	4-Inch Pavement Striping (Profiled Thermoplastic)	465	LF	\$ _____	\$ _____
629.1010	Double 4-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion)	3565	LF	\$ _____	\$ _____

Addendum No. 2

NH-056-1(063)

r4/21/23

P-9

PROPOSAL SCHEDULE

△ STATE PROPERTIES (ALL WORK IN KUHIO HWY AND TMK (4) 4-6-014:100)

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.1012	Double 4-Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion)	3710	LF	\$ _____	\$ _____
629.1016	Double 4-Inch Pavement Striping (Thermoplastic Hot Spray)	885	LF	\$ _____	\$ _____
629.1022	6-Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion)	11865	LF	\$ _____	\$ _____
629.1030	8-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion)	550	LF	\$ _____	\$ _____
629.1032	8-Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion)	2535	LF	\$ _____	\$ _____
629.1052	12-Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion)	1880	LF	\$ _____	\$ _____
629.1054	12-Inch Pavement Striping (Tape, Type III or Thermoplastic Extrusion)	640	LF	\$ _____	\$ _____
629.1060	24-Inch Pavement Striping (Tape, Type III or Thermoplastic Extrusion)	30	LF	\$ _____	\$ _____
629.1100	Pavement Word (Tape, Type III or Thermoplastic Extrusion)	66	EA	\$ _____	\$ _____
629.1110	Pavement Arrow (Tape, Type III or Thermoplastic Extrusion)	42	EA	\$ _____	\$ _____

Addendum No. 2


NH-056-1(063)

r4/21/23

P-10

PROPOSAL SCHEDULE

STATE PROPERTIES (ALL WORK IN KUHIO HWY AND TMK (4) 4-6-014:100)

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.1111	Pavement Arrow (Tape, Type III or Thermoplastic Extrusion) (Parking Lot)	4	EA	\$ _____	\$ _____
629.1130	Yield Line (Type, Type III or Thermoplastic Extrusion)	2	LN	\$ _____	\$ _____
629.1140	Crosswalk Marking (Tape, Type III or Thermoplastic Extrusion)	49	LN	\$ _____	\$ _____
629.1142	Raised Crosswalk Marking (Tape, Type III or Thermoplastic Extrusion)	4	EA	\$ _____	\$ _____
629.2020	Type C Pavement Marker	760	EA	\$ _____	\$ _____
629.2030	Type D Pavement Marker	1000	EA	\$ _____	\$ _____
629.2040	Type F Pavement Marker	20	EA	\$ _____	\$ _____
629.2050	Type H Pavement Marker	740	EA	\$ _____	\$ _____
629.4000	ADA-Warning System Pavement Marker	 9	EA	\$ _____	\$ _____
630.1100	Panel for Destination Sign (Flat Panel)	140	SF	\$ _____	\$ _____
630.1200	Type A Route Marker Assembly	4	EA	\$ _____	\$ _____
630.1210	Type B Route Marker Assembly	1	EA	\$ _____	\$ _____
630.1300	Street Name Sign	12	EA	\$ _____	\$ _____

Addendum No. 2

NH-056-1(063)

r4/21/23

P-11

PROPOSAL SCHEDULE

△ STATE PROPERTIES (ALL WORK IN KUHIO HWY AND TMK (4) 4-6-014:100)

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
630.1310	Street Name Sign on Traffic Signal Mast Arm	2	EA	\$ _____	\$ _____
630.1320	Street Name Sign on Traffic Signal Post	2	EA	\$ _____	\$ _____
630.1610	4.00 lbs/ft. Flanged Channel Post for Destination Sign	7	EA	\$ _____	\$ _____
631.0100	Regulatory Sign (10 Square Feet or Less) with Post	65	EA	\$ _____	\$ _____
631.0101	Regulatory Sign (10 Square Feet or Less) with Post (Parking Lot)	3	EA	\$ _____	\$ _____
631.0110	Regulatory Sign (10 Square Feet or Less) without Post	9	EA	\$ _____	\$ _____
631.0120	Regulatory Sign (More than 10 Square Feet) with Posts	6	EA	\$ _____	\$ _____
631.0200	Warning Sign (10 Square Feet or Less) with Post	△ 18	EA	\$ _____	\$ _____
631.0201	LED-Enhanced Warning Sign (10 Square Feet or Less) with Post	1	EA	\$ _____	\$ _____
631.0220	Warning Sign (More than 10 Square Feet) with Posts	1	EA	\$ _____	\$ _____
631.0300	Miscellaneous Sign with Post	2	EA	\$ _____	\$ _____
631.0301	Miscellaneous Sign with Post (Parking Lot)	1	EA	\$ _____	\$ _____
631.0310	Miscellaneous Sign without Post	1	EA	\$ _____	\$ _____

Addendum No. 2

NH-056-1(063)

r4/21/23

P-12

PROPOSAL SCHEDULE

△ STATE PROPERTIES (ALL WORK IN KUHIO HWY AND TMK (4) 4-6-014:100)

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
631.0400	Supplemental Plaque	40	EA	\$ _____	\$ _____
631.0401	Supplemental Plaque (Parking Lot)	2	EA	\$ _____	\$ _____
631.0500	RRFB Assembly	10	EA	\$ _____	\$ _____
631.0510	RRFB with Overhead Light Assembly	8	EA	\$ _____	\$ _____
632.0120	Reflector Marker (RM-3) with Steel Post	16	EA	\$ _____	\$ _____
632.0122	Reflector Marker (RM-3) with Flexible Post	9	EA	\$ _____	\$ _____
632.0130	Reflector Marker (RM-5)	70	EA	\$ _____	\$ _____
632.0500	Milepost Marker with Post (Bi-Directional)	4	EA	\$ _____	\$ _____
632.1010	Type II Object Marker (OM2-2H)	90	EA	\$ _____	\$ _____
632.1020	Type II Object Marker (OM2-2V)	33	EA	\$ _____	\$ _____
632.1032	Type III Object Marker (OM3-1) Post Mounted	8	EA	\$ _____	\$ _____
632.1050	Type V Object Marker (OM-5)	104	EA	\$ _____	\$ _____
632.1051	Type V Object Marker (OM-5) (Parking Lot)	4	EA	\$ _____	\$ _____
634.0100	Portland Cement Concrete Sidewalk/Island	△ 2200	△ SF	\$ _____	\$ _____

Addendum No. 2

NH-056-1(063)

r4/21/23

P-13

PROPOSAL SCHEDULE

△ STATE PROPERTIES (ALL WORK IN KUHIO HWY AND TMK (4) 4-6-014:100)

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
634.0200	Metal Grate	120	LF	\$ _____	\$ _____
636.1000	Additional E-Construction Programs, additional licenses or additional equipment	FA	FA	FA	\$ <u>10,000.00</u>
638.2020	Curb, Type 2D	520	LF	\$ _____	\$ _____
645.1000	Traffic Control	LS	LS	LS	\$ _____
645.2000	Additional Police Officers, Additional Traffic Control Devices, and Additional Advertisements	FA	FA	FA	\$ <u>100,000.00</u>
648.1000	Field-Posted Drawings	LS	LS	LS	\$ _____
658.1000	EVC System	LS	LS	LS	\$ _____
671.1000	Protection of Threatened and Endangered Species	FA	FA	FA	\$ <u>30,000.00</u>
699.1000	Mobilization (Not to Exceed 6 Percent of the Sum of All Items Excluding the Bid Price of this Item)	LS	LS	LS	\$ _____

△ Sum of State Properties \$ _____

PROPOSAL SCHEDULE

2 COUNTY PROPERTY (ALL WORK IN TMK (4) 4-6-014:036)

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
201.0102	Clearing and Grubbing (County Parking Lot)	550	SY	\$ _____	\$ _____
209.0102	Installation, Maintenance, Monitoring, and Removal of BMP (County Parking Lot)	LS	LS	LS	\$ _____
401.0412	PMA Pavement, Mix No. IV PG 64E-22 (County Parking Lot)	320	Ton	\$ _____	\$ _____
414.0112	Excavation of Weakened Pavement Areas (County Parking Lot)	9	CY	\$ _____	\$ _____
415.0112	Cold Planing of Existing Pavement (County Parking Lot)	2430	SY	\$ _____	\$ _____
629.1003	4-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion) (County Parking Lot)	1150	LF	\$ _____	\$ _____
629.1011	Double 4-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion) (County Parking Lot)	25	LF	\$ _____	\$ _____
629.1055	12-Inch Pavement Striping (Tape, Type III or Thermoplastic Extrusion) (County Parking Lot)	25	LF	\$ _____	\$ _____
629.1112	Pavement Arrow (Tape, Type III or Thermoplastic Extrusion) (County Parking Lot)	10	EA	\$ _____	\$ _____
629.2032	Type D Pavement Marker (County Parking Lot)	2	EA	\$ _____	\$ _____

PROPOSAL SCHEDULE

2 COUNTY PROPERTY (ALL WORK IN TMK (4) 4-6-014:036)

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
631.0102	Regulatory Sign (10 Square Feet or Less) with Post (County Parking Lot)	4	EA	\$ _____	\$ _____
631.0302	Miscellaneous Sign with Post (County Parking Lot)	2	EA	\$ _____	\$ _____
631.0402	Supplemental Plaque (County Parking Lot)	4	EA	\$ _____	\$ _____
632.1022	Type II Object Marker (OM2-2V) (County Parking Lot)	6	EA	\$ _____	\$ _____

2 Sum of County Property..... \$ _____

PROPOSAL SCHEDULE

2 Sum of State Properties\$ _____

2 Sum of County Property\$ _____

Total Amount for Comparison of Bids\$ _____

Notes:

1. Bids shall include all Federal, State, County and other applicable taxes and fees.
2. The TOTAL AMOUNT FOR COMPARISON OF BIDS shall be used to determine the lowest responsible bidder.
3. Bidders shall complete all unit prices and amounts. Failure to do so may be grounds for rejection of bid.
4. If a discrepancy occurs between unit bid price and the bid price, the unit price shall govern.
5. Completed Proposal file shall be uploaded into HlePRO prior to bid opening date and time. All other required confidential or proprietary document shall be uploaded separately.
6. All bidders are required to bid on the **STATE PROPERTIES and COUNTY PROPERTY** to be considered responsive.

2

**Responses to HiePRO Questions for solicitation B23002122
Kuhio Highway Resurfacing, Waikaea Bridge to Mailihuna Road
Project No. NH-056-1(063)
As of April 20, 2023**

1. When does the State anticipate the NTP? Will the NTP be mutual agreed?

RESPONSE: NTP for the project depends on the award and execution of the contract. The anticipated NTP is September 2023. There will be no mutual agreement for the NTP.

2. For the 5" and 6" Reconstruction sections, will the state allow PMA ACB or ACB which could be paved in one lift instead of PMA STIV which would require two lifts, give than the top 2" or 3" will be repaved?

RESPONSE: ACB is not allowed as part of the reconstruction section and PMA Mix IV is required.

3. Please show the limits of AC paving on Roadway plans at Ohia Street and Ulu Street, Plan sheet 15 and 16.

RESPONSE: Paving limits at Ohia Street and Ulu Street are along the R/W line as shown on the Plans.

4. Please call out beginning and ending stations of AC Swale. Detail "Typical Section at swale locations" on sheet 9 only show stations where it is either 3" or 2". Will the State consider a separate bid item for AC swale work?

RESPONSE: The note under "Typical Section at Swale locations" refers to any AC swale found within the indicated stationing ranges. This is to clarify that the cold planing/resurfacing between Sta. 517+85 to Sta. 568+25 of the project has a depth of 3" and Sta. 568+25 to 605+38 of the project has a depth of 2". AC swale work will be incidental to the cold planing and PMA Mix IV items in the proposal schedule.

5. Which bid item should the raised crosswalk on sheet 33 be placed in?

RESPONSE: The quantity of asphalt for the raised crosswalk is reflected in Item 401.0410 PMA Pavement, Mix No. IV PG64-22 and pavement markings are reflected in the various 629 items in the proposal schedule.

6. Does the County want each reconstruction lift to be paved back all the way to the top of the finish grade? Then cold plane everything all at once again. If so, the bid item quantities will have to be adjusted. Please advise.

RESPONSE: Yes, the PMA Mix No IV quantity will be revised in the addendum.

7. Is a paving grid/fabric required at the bridge joints/crossing? If so, what material and what bid item should this go under?

RESPONSE: Paving grid/fabric is not required at the bridge joints/crossing.

8. What thickness should the repaving of the parking lot be? 2" or 3" thick?

RESPONSE: Location of the parking lot is considered be within the Sta. 568+25 to Sta. 605+38 of the project, so cold planing and resurfacing are required to be 2".

9. For the parking lot, what should the pavement structure be for the newly cleared and grubbed areas? Is asphalt going to be placed directly on top of the existing cleared area?

RESPONSE: The clear and grubbed areas are assumed as the existing edge of shoulder (e.s.) in the parking lot. Paving limits are set to the e.s. and do not extend further.

10. Will hydromulching be required for this project? If required, which bid item would this go into? See sheet 12 detail "typical pavement edge detail" for reference.

RESPONSE: Hydromulching to dress shoulders shall be incidental to the project.

11. Additive Alternate Proposal Bid Item 415.0112 - Proposal quantity (2430 SY) is greater than plan quantity (1800 SY). Please advise.

RESPONSE: After revisiting this item quantity, the current amount will remain.

12. Will the wheelstops and bollards in the parking lot be replaced?

RESPONSE: The wheel stops and bollards will not be replaced and the existing shall remain.

13. Since the paving work is not intended to change the grade, the pavement will have to match the existing MH frame and covers. Will the State exclude areas around the frame and covers for the smoothness requirement?

RESPONSE: In regard to meeting paving smoothness requirements, areas around existing frames and covers will be excluded.

14. Will this project be managed by the State or a Construction Management company?

RESPONSE: This project is expected to be managed by a construction management company.

15. What is the depth of excavation for the reconstruction areas regarding the 9" and 7" thick recons? Per the reconstruction details on sheets 8 & 11, depth of excavation stated in the callout is 6" and 5" respectively but the drawing shows the depth of excavation from the top of existing pavement to the bottom of the recon area. Therefore, is depth of excavation 9" and 7" thick from top of existing pavement or 6" and 5" thick with (3" and 2" thick cold planning to be paid in cold plane item)?

RESPONSE: The depth of excavation for reconstruction areas are 6" (shown on sheet 8) and 5" (shown on sheet 11) from the top of existing pavement.

16. What is the cold planing and paving thickness of the parking lot?

RESPONSE: Location of the parking lot is considered be within the Sta. 568+25 to Sta. 605+38 of the project, so cold planing and resurfacing are required to be 2".

17. Will a joint adhesive be required on the reconstruction sections since the top 2"-3" will be repaved? Spec Section page 401-22a - 401-24a

RESPONSE: Joint adhesive will not be required on the reconstruction sections.

18. Is joint adhesive required for the parking lot?

RESPONSE: Yes, joint adhesive will be required when resurfacing the parking lot.

19. What is the existing thickness of the parking lot?

RESPONSE: Per as-built plans, the existing thickness is assumed to be 2.5" AC over 6" Aggregate Base Course within the State portion of the parking lot. County portion of the parking lot is not known at this time.

20. Please confirm if scaling on Plan Sheet 20 is correct. Dimensions and stations don't match the scale on the bottom right of the page.

RESPONSE: Scale has been adjusted.

21. Please confirm if all curb ramp work is to be paid under Item 634.0100 Portland Cement Concrete Sidewalk/Island.

RESPONSE: Yes, curb ramp work is to be paid under Item 634.0100 Portland Cement Concrete Sidewalk/Island.

22. Please confirm if unit of measure for Item 634.0100 Portland Cement Concrete Sidewalk/Island is square yards or square feet.

RESPONSE: Proposal schedule has been modified

23. On Plan Sheet 15, please provide limit of resurfacing for Ohia Street (approx. STA 524+50 L).

RESPONSE: Paving limits at Ohia Street are along the R/W line as shown on the Plans.

24. Referring to Proposal Page P-17, there is a control budget that will be announced prior to bid opening. Can this control budget be announced at least a week ahead of the bid date?

RESPONSE: Project is modified to have one bid submission. There is no additive alternate and no project control budget will be announced.

25. Referring to Proposal Page P-17, there is a control budget that will be announced prior to bid opening. Will the control budget be announced via addendum?

RESPONSE: Project is modified to have one bid submission. There is no additive alternate and no project control budget will be announced.

26. Referring to Proposal Page P-17, there is a control budget that will be announced prior to bid opening. What is the difference between the control budget and the estimated cost of construction?

RESPONSE: Project is modified to have one bid submission. There is no additive alternate and no project control budget will be announced.

27. Will there be additional cost to the contractor for inspector/inspection due to night work? If so, can hourly rates for inspector be provided?

RESPONSE: There are no additional costs for night work inspections when within the project's working hours.

28. Will police be required at each intersection for traffic control? If so, does this apply to all types of work being performed?

RESPONSE: No, Section 645 is modified to allow certified flaggers for work zone traffic control.

29. Will the contractor be taking the cold planed/excavated AC materials to the Lihue Airport baseyard per Note 21 on Plan Sheet 3?

RESPONSE: No, Note 21 on Plan Sheet 3 has been modified.

30. Is NPDES Permit required for this project? If so, has it be already obtained?

RESPONSE: A NPDES permit was not obtained for the project's limits.

31. Is there a warranty period for the Rectangular Rapid Flashing Beacon?

RESPONSE: Yes, a minimum warranty of 1 year for batteries and 5 years for equipment from date of acceptance is required. Contractor shall furnish copies of the manufacturer's warranty.

32. Are there any communication or services plans (Verizon, T-Mobile, Sprint, etc) required for the Rectangular Rapid Flashing Beacon?

RESPONSE: No

33. Is there a brand or type of break-away pedestal base that is required for the Rectangular Rapid Flashing Beacon? Can a detail of the break-away base be provided?

RESPONSE: See addendum 2 for added detail.