

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

**ADDENDUM NO. 1  
FOR  
KUHIO HIGHWAY  
EMERGENCY SLOPE STABILIZATION  
FOR HANAIEI HILLS AND WAIKOKO  
FEDERAL-AID PROJECT NO. ER-24(003)**

**DISTRICT OF HANAIEI  
ISLAND OF KAUAI  
FY 2023**

The following amendments shall be made to the Bid Documents:

**A. PLANS:**

1. Replace Plan Sheet Nos. 26, 27, 28, 32, 33, 40 and 44 with the attached Plan Sheet Nos. ADD. 26, ADD. 27, ADD. 28, ADD. 32, ADD. 33, ADD. 40 and ADD. 44 dated 12/8/22.

**B. SPECIAL PROVISIONS:**

1. Replace the **TABLE OF CONTENTS**, dated 11/8/22 with the attached **TABLE OF CONTENTS**, dated r12/08/22.
2. Replace **SECTION 107 – LEGAL RELATIONS AND RESPONSIBILITY TO PUBLIC**, pages 107-1a to 107-5a, dated 9/02/22 with the attached **SECTION 107 – LEGAL RELATIONS AND RESPONSIBILITY TO PUBLIC**, pages 107-1a to 107-6a, dated r12/08/22.
3. Replace **SECTION 603 – CULVERTS AND STORM DRAINS**, pages 603-1a to 603-5a, dated 9/02/22 with the attached **SECTION 603 – CULVERTS AND STORM DRAINS**, pages 603-1a to 603-5a, dated r12/08/22.
4. Replace **PROPOSAL** pages P-8 to P-17, dated 9/02/22 and page P-18, dated 09/28/18 with the attached **PROPOSAL** page P-8, dated r12/1/22, and pages P-9 to P-19, dated r12/08/22.

### **C. PRE-BID MEETING MINUTES**

Attached, for your information:

1. Pre-Bid Meeting minutes, attendance list, and questions from the November 23, 2022 non-mandatory pre-bid meeting.

Attached are responses to questions posted on HiePRO as of December 1, 2022.

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.



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EDWIN H. SNIFFEN  
Director of Transportation

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1       **SECTION 107 - LEGAL RELATIONS AND RESPONSIBILITY TO PUBLIC**

2  
3       Make the following amendments to said Section:

4  
5       **(I)**       Amend **Section 107.01 Insurance Requirements** from lines 5 to 81 to  
6       read as follows:

7  
8       **“(A) Obligation of Contractor.** Contractor shall not commence any  
9       work until it obtains, at its own expense, all required insurance described  
10      herein. Such insurance shall be provided by an insurance company  
11      authorized by the laws of the State to issue such insurance in the State of  
12      Hawaii. Coverage by a “Non-Admitted” carrier is permissible provided the  
13      carrier has a Best’s Rating of “A-VII” or better. The Contractor shall  
14      maintain and ensure all insurance policies are current for the full period of  
15      the contract until final acceptance of the work by the State.

16  
17       The Certificate of Insurance shall contain: a clause that it is agreed  
18      that any insurance maintained by the State of Hawaii will apply in excess  
19      of, and not contribute with, insurance provided by this policy; and shall be  
20      accompanied by endorsement form CG2010 or equivalent naming the  
21      State as an additional insured to the policy which status shall be  
22      maintained for the full period of the contract until final acceptance of the  
23      work by State.

24  
25       The Contractor shall obtain all required insurance as part of the  
26      contract price. Where there is a requirement for the State of Hawaii and  
27      its officers and employees to be named as additional insureds under any  
28      Contractor’s insurance policy, before the State of Hawaii issues the Notice  
29      to Proceed, the Contractor shall obtain and submit to the Engineer a  
30      Certificate of Insurance and a written policy endorsement that confirms the  
31      State of Hawaii and its officers and employees are additional insureds for  
32      the specific State project number and project title under such insurance  
33      policies. The written policy endorsement must be issued by the insurance  
34      company insuring the Contractor for the specified policy type or by an  
35      agent of such insurance company who is vested with the authority to issue  
36      a written policy endorsement. The insurer’s agent shall also submit  
37      written confirmation of such authority to bind the insurer. Any delays in  
38      the issuance of the Notice to Proceed attributed to the failure to obtain the  
39      proof of the State of Hawaii and its officers and employees’ additional  
40      insured status shall be charged to the Contractor.

41  
42       A mere Certificate of Insurance issued by a broker who represents  
43      the Contractor (but not the Contractor’s insurer), or by any other party who  
44      is not authorized to contractually name the State as an additional insured  
45      under the Contractor’s insurance policy, is not sufficient to meet the  
46      Contractor’s insurance obligations.

47  
48           Certificates shall contain a provision that coverages being certified  
49 will not be cancelled or materially changed without giving the Engineer at  
50 least thirty (30) days prior written notice. Contractor will immediately  
51 provide written notice to the Director should any of the insurance policies  
52 evidenced on its Certificate of Insurance form be cancelled, reduced in  
53 scope or coverage, or not renewed upon expiration. Should any policy be  
54 canceled before final acceptance of the work by the State, and the  
55 Contractor fails to immediately procure replacement insurance as  
56 specified, the State, in addition to all other remedies it may have for such  
57 breach, reserves the right to procure such insurance and deduct the cost  
58 thereof from any money due or to become due to the Contractor.  
59

60           Nothing contained in these insurance requirements is to be  
61 construed as limiting the extent of Contractor's responsibility for payment  
62 of damages resulting from its operations under this contract, including the  
63 Contractor's obligation to pay liquidated damages, nor shall it affect the  
64 Contractor's separate and independent duty to defend, indemnify and hold  
65 the State harmless pursuant to other provisions of this contract. In no  
66 instance will the State's exercise of an option to occupy and use  
67 completed portions of the work relieve the Contractor of its obligation to  
68 maintain the required insurance until the date of final acceptance of the  
69 work.  
70

71           All insurance described herein shall be primary and cover the  
72 insured for all work to be performed under the contract, all work performed  
73 incidental thereto or directly or indirectly connected therewith, including  
74 but not limited to traffic detour work, barricades, warnings, diversions, lane  
75 closures, and other work performed outside the work area and all change  
76 order work.  
77

78           The Contractor shall, from time to time, furnish the Engineer, when  
79 requested, satisfactory proof of coverage of each type of insurance  
80 required covering the work. Failure to comply with the Engineer's request  
81 may result in suspension of the work, and shall be sufficient grounds to  
82 withhold future payments due the Contractor and to terminate the contract  
83 for Contractor's default.  
84

85           **(B) Types of Insurance.** Contractor shall purchase and maintain  
86 insurance described below which shall provide coverage against claims  
87 arising out of the Contractor's operations under the contract, whether such  
88 operations be by the Contractor itself or by any subcontractor or by  
89 anyone directly or indirectly employed by any of them or by anyone for  
90 whose acts any of them may be liable.  
91



92           **(1) Workers' Compensation.** The Contractor shall obtain  
93 worker's compensation insurance for all persons whom they  
94 employ in carrying out the work under this contract. This insurance  
95 shall be in strict conformity with the requirements of the most  
96 current and applicable State of Hawaii Worker's Compensation  
97 Insurance laws in effect on the date of the execution of this contract  
98 and as modified during the duration of the contract.  
99

100           **(2) Auto Liability.** The Contractor shall obtain Auto Liability  
101 Insurance covering all owned, non-owned and hired autos with a  
102 Combined single Limit of not less than \$1,000,000 per occurrence  
103 for bodily injury and property damage with the State of Hawaii  
104 named as additional insured. Refer to SPECIAL CONDITIONS for  
105 any additional requirements.  
106

107           **(3) General Liability.** The Contractor shall obtain General  
108 Liability insurance with a limit of not less than \$2,000,000 per  
109 occurrence and in the Aggregates for each of the following:  
110

111                   **(a)** Products - Completed/Operations Aggregate,

112                   **(b)** Personal & Advertising Injury, and

113                   **(c)** Bodily Injury & Property Damage  
114  
115  
116

117           The General Liability insurance shall include the State as an  
118 Additional Insured. The required limit of insurance may be provided  
119 by a single policy or with a combination of primary and excess  
120 policies. Refer to SPECIAL CONDITIONS for any additional  
121 requirements.  
122

123           **(4) Builders Risk For All Work.** The Contractor shall take out  
124 a policy of builder's risk insurance for the full replacement value of  
125 the project work; from a company licensed or otherwise authorized  
126 to do business in the State of Hawaii; naming the State as an  
127 additional insured under each policy; and covering all work, labor,  
128 and materials furnished by such Contractor and all its  
129 subcontractors against loss by fire, windstorm, tsunamis,  
130 earthquakes, lightning, explosion, other perils covered by the  
131 standard Extended Coverage Endorsement, vandalism, and  
132 malicious mischief. Refer to SPECIAL CONDITIONS for any  
133 additional requirements."  
134

135       **(II) Amend Section 107.03 Working Hours; Night Work.** By adding the  
136 following after line 143:  
137

“Night work will not be allowed during the seabird fallout season period from September 15 to December 15.”

**(III) Add Section 107.18 Refuge Access and Safety Permit Stipulations for Special Use Permit #12522-22-105 for TMK (4) 5-3-001:007 and Section 107.19 Construction Parcel Requirements and Section 107.20 Citizen and Residential Labor Force after line 745:**

**“Section 107.18 Refuge Access and Safety Permit Stipulations for Special Use Permit #12522-22-105 for TMK (4) 5-3-001:007. Contractor shall comply with permit signed 12/16/21:**

**(A)** When working in the Hanalei National Wildlife Refuge, Special Use Permit #12522-22-105 applies. The permit has been included as part of the Contract Documents. Some of the permit conditions are listed below, but the Contractor shall comply with all conditions listed in the permit. Payment for complying with the permit conditions shall be considered incidental to the various contract items.

**(B)** Advanced coordination is required before the project begins and once completed, the point of contact for the refuge will be Deputy Project Leader, Brooke Burrows (cell: 808-635-0920)

**(C)** This permit must be kept on-hand during the project, along with all necessary licenses.

**(D)** The Contractor bears the responsibility to repair any damages to the work area and surrounding refuge infrastructure, which occur during the work being authorized through this permit.

**(1)** Any damage will be corrected immediately at the cost of the Contractor to whom the equipment belongs.

**(2)** A rock bollard or something similar will be placed by the Contractor in front of the gate keypad to shield the keypad from any further damage as a result of work in the permitted area.

**(E)** Prior to work beginning in the permitted area at Hanalei National Wildlife Refuge, all machinery/equipment will be washed and cleaned of all mud and foreign material to avoid introduction of invasive species.

**(1)** Power washing of all track/or tires is recommended to be done prior to arrival to the refuge because water is not available onsite.

**(F)** All trash or other objects brought onto the refuge must be removed once project is completed.

(1) Eating on the refuge is not allowed because food crumbs attract rats and ants that prey on ground nesting birds. Please eat lunch off of refuge property.

(G) Storing of fuel on refuge property is prohibited.

(1) In case of any fuel, oil or other leaks on refuge property, the damage must be mitigated as soon as possible, and refuge deputy project leader, Brooke Burrows (808-635-0922) must be immediately informed.

(H) Taking of endangered species is prohibited. A 5-mph speed limit will be adhered to in order to minimize disturbance. In the case that an endangered species does not move out of way on its own accord then the hauling operation must wait for the bird to move or a different route can be established. If any nest are found or if there is any form of take of an endangered species, contact the refuge biologist Kim Uyehara (cell: 808-635-9309).

(I) Safety is of paramount importance to the Kauai National Wildlife Refuge Complex. All accidents or injuries should be reported to Deputy Project Leader as soon as possible.

**Section 107.19 Construction Parcel Requirements.** Construction Parcels C1, C2 and C4 right-of-entries are incorporated into the Contract Documents.

Contractor shall comply with the following requirements for Construction Parcel C2 within property TMK (4) 5-4-004:010:

(A) Access the slope work from Kuhio Highway. Access for slope construction from the property's driveway is not permitted.

(B) Coordinate with the owner for driveway access. Only limited access thru the property driveway is allowed for collection and removal of spoils that fall down the slope. The spoils shall be removed offsite to a permitted disposal site.

(C) Vehicles shall back into or back out of the driveway. Vehicles are not allowed to turn around off of the driveway. Vehicles and personnel are not permitted beyond the construction parcel limits.

(D) Storing of material on or along the property driveway is not permitted.

**107.20 Citizen and Residential Labor Force.**

(A) **Citizen Labor.** No person shall be employed as a laborer or mechanic unless such person is a citizen of the United States or eligible to

become one; provided that persons without such qualifications may be employed with the approval of the Governor until persons who are citizens and are competent for such services are available for hire.

**(B) Residential Labor Force.** In accordance with Act 192; SLH 2011, no less than eighty (80) percent of the bidder's labor force working on the contract shall be provided by Hawaii residents. This act applies to all construction procurements under HRS Chapter 103D; however this act does not apply to procurements for professional services under Section 103D-304 and small purchases under Section 103D-305. This act is also applicable to any subcontract of \$50,000.00 or more in connection with this contract.

Resident means a person who is physically present in the State of Hawaii at the time the person claims to have established the person's domicile in the State of Hawaii and shows the person's intent is to make Hawaii the person's primary residence.

**(C)** Percentage of workforce shall be determined by dividing the labor hours (including subcontractors) provided by residents working on the project divided by the total number of hours worked by all employees of the contractor in the performance of the contract. Hours worked by employees within shortage trades as determined by the Department of Labor and Industrial Relations shall not be included in the calculation of this percentage.

**(D)** Certification of compliance with the forgoing provisions shall be made by the contractor in the form of a written oath submitted to the Procurement Officer on a monthly basis for the duration of the contract.

**(E)** Sanctions for non compliance with these provisions are as follows:

**(1)** With respect to the General Contractor, withholding of payment on the contract until the Contractor or its Subcontractor complies with HRS Chapter 103B as amended by Act 192, SLH 2011.

**(2)** Proceedings for debarment or suspension of the Contractor or Subcontractor under Hawaii Revised Statutes § 103D-702.

This Section shall not apply when its application will disqualify the State from receiving federal funds or aid."

**END OF SECTION 107**

## SECTION 603 – CULVERTS AND STORM DRAINS

Make the following amendments to said Section:

(I) Amend **603.03(C)(1) - Culverts** by revising lines 106 to 108 to read as follows:

“Spacing between multi-barrel culverts shall be a minimum of 18 inches or 0.5 the culvert width, whichever is greater. The minimum spacing shall be 1 foot when placing controlled low strength material (CLSM) as backfill. Anchor the culverts in such a manner that the horizontal and vertical alignment of the culverts does not change.”

(II) Amend **603.03(D)(2) – Metal and High-Density Polyethylene Culverts** by revising lines 172 to 176 to read as follows:

**“(2) Metal Culverts.** Join metal culverts firmly with coupling bands.”

(III) Add the following after line 282:

### **“603.03(L) – High-Density Polyethylene Culverts:**

**(1) Installation.** Install pipe and fittings per manufacturer’s recommendations.

The Contractor may hydrostatically test various sections of the pipeline by temporarily installing a mechanical clamp and blind flange or by fusing on a HDPE stub end, backing ring and blind flange to the open end of the pipeline as long as these temporary blanking off connections are rated for the full test pressure. All fusion joints and mechanical connections in the pipeline section being tested must be fully exposed during the testing process.

**(2) Written Pipeline Installation Procedure.** Prior to mobilization, the Contractor shall provide the Engineer with a written Pipeline Installation Procedure describing the installation methods used to construct the entire pipeline run, the amount of downtime required to make the necessary hot connections at each end of the new pipeline run and the bypass plumbing arrangement that may be installed to limit downtime.

The written Pipeline Installation Procedure shall describe: (1) the process of storing the pipe material and associated hardware; (2) the process of welding the pipeline sections together; and (3) the process of constructing the pipeline along the existing slope.

**(3) Heat Fusion Joining.** Whenever possible the polyethylene pipe should be joined by the method of thermal butt-fusion, as outlined in

ASTM D2657. Butt fusion joining of pipe and fittings shall be performed in accordance with the procedures recommended by the manufacturer. The temperature of the heater plate and the joining pressure to be used for the welded fusion joints shall be according to the pipe manufacturer's specifications and indicated to the Engineer prior to any trial fusions. The established heater plate temperature and pressure of the fusion joints shall also be indicated in the Written Pipeline Installation Procedure. The pipe supplier shall be consulted to obtain machinery and expertise for the joining by butt-fusion of polyethylene pipe and fittings.

**Heat Fusion Daily Logs.** Maintain and submit to the Engineer by 10:00 a.m. the following day, daily logs of each individual fusion, including verification of visual fusion, including verification of visual witness of fusion. This Daily Fusion Log shall include actual temperature, duration (identifying warm-up, weld, and cool down times) and applied butt pressure for each weld. Each log shall be certified by the Fusion Technician and the Engineer or Contractor's field supervisor. Electronic data acquisition or log information may be used in lieu of manual recording. No HDPE pipe or fittings shall be joined by fusion welding by any Contractor's representative unless he/she is adequately trained and qualified in the techniques involved.

**Heat Fusion Technician Qualifications.** Pipe and fitting joints shall be heat fused by a qualified fusion technician who has been trained by an approved manufacturer's representative and in accordance with the manufacturer's recommended fusion procedures. The Contractor shall provide written certification from the pipe manufacturer for each fusion technician employed by the Contractor. Training or requalification shall have been obtained within the 12 months prior to the beginning of work. The Fusion Technician shall have performed fusion on at least three prior projects of similar size and length.

**Bent Strap Testing.** Prior to the production of actual HDPE butt or socket fusion joints, each person who will be making joints shall demonstrate proficiency by making a trial joint with a small test section of the production pipe and destructively test the trial fusion by bent strap testing. Trial joints shall not fail at the joint. If the fusion fails, additional trial fusions shall be made and tested until successful fusions are made. The successful fusion procedure shall be used for the installation of all permanent production pipe and fittings within the limitations recommended by the manufacturer. A copy of bent strap test results shall be submitted to the Engineer within 24 hours of the test completion.

**Heat Fusion Work Plan.** Submit work plan demonstrating ability to perform work in compliance with specifications, and ASTM D2657, ASTM D3261, and ASTM D3350 including procedures, equipment specifications, manufacturer's recommendations, sample fusion log, sequence of work, work areas, and safety measures.

**Fusion Equipment Experience Requirements.** The fusion equipment and operator shall be required to demonstrate 5 years

successful field experience on projects of comparable pipe and fitting size. Provide equipment specifications and a list of past projects and verify conformance to these specifications.

**(4) Hydrostatic Pressure Testing.** Pipeline hydrostatic testing will be used to ensure that a continuous, leak free pipeline is obtained at the completion of the pipeline fabrication and assembly process.

The entire length of the high density polyethylene (HDPE) plastic pipeline including all fittings and fusion joints shall be hydrostatically tested.

Planning and executing the hydrostatic test is the Contractor's responsibility. The Contractor's plan for the execution of this test shall be submitted to the Engineer. The Contractor shall notify the Engineer of the test start time a minimum of 7 days before the planned commencement of the test. A record of the test results, including times, pressures (psi), make up water volumes (gallons), and conclusions shall be submitted to the Engineer by the Contractor. The following are the basic requirements of the hydrostatic test procedure:

**a.** Test pressure for this project shall be 125% of the rated operating pressure of the pipe material. The hydrostatic pressure testing shall be conducted at night when the outside surface temperature of the HDPE pipeline has cooled substantially and is as close to the ambient air temperature at the time of testing as possible.

**b.** The pipeline section under test shall be filled with water in such a way as to remove all air. Fill the pipe slowly until completely full.

**c.** The pipe pressure shall be raised to the test pressure by pumping in water.

**d.** This test pressure shall be maintained over a 4-hour period as the plastic pipe goes through its initial deformation. Make-up water will be added at least each hour to bring the pipe back to the full test pressure. At the completion of the 4-hour test pressure period, the amount of water required to bring the pipeline back to the full test pressure shall be recorded.

**e.** After the initial 4-hour pressurization period, the actual test period shall begin. The pipe will be pressurized to the full test pressure and closed off so no new water can be added during the test period. The test period shall be run for another 1, 2 or 3 hours until the Engineer is satisfied that all joints and hardware connections have been properly inspected for leakage.

**f.** Under no circumstances shall the total time in which the

pipe is pressurized to its maximum test pressure exceed 8 hours. If the test is not complete within this time limit (due to leakage, equipment failure, etc.), the tested pipe section shall be permitted to "relax" with no applied internal pressure for a minimum of 8 hours before commencing another test sequence on this same pipe section.

**g.** The hydrostatic pipeline pressure test shall not be conducted by a procedure other than that outlined above without the prior written approval of the Engineer.

**h.** The Contractor may hydrostatically test various sections of the pipeline by temporarily installing a mechanical clamp and blind flange or by fusing on a HDPE flange adapter, backing ring and blind flange to the open end of the pipeline as long as these temporary blanking off connections are rated for the full test pressure. All fusion joints and mechanical connections in the pipeline section being tested must be fully exposed during the testing process."

**(IV)** Amend **603.04 – Measurement** by revising lines 282 to 292 to read as follows:

**"603.04 Measurement.**

**(A)** The Engineer will measure bed course material for culverts per cubic yard in accordance with contract documents.

**(B)** The Engineer will measure reinforced concrete pipe, HDPE pipe, and reinforced concrete box culvert per linear foot in accordance with contract documents.

**(C)** The Engineer will measure cleaning of existing culverts on a force account basis in accordance with Subsection 109.06 - Force Account Provisions and Compensation and as ordered by the Engineer."

**(V)** Amend **603.05 – Payment** by revising lines 294 to 349 to read as follows:

**"603.05 Payment.** The Engineer will pay for the accepted pay items listed below 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 contract documents.

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

Pay Item	Pay Unit
Bed Course Material for Culvert	Cubic Yard



201		
202	_____ - Inch Reinforced Concrete Pipe, Class _____	Linear Foot
203		
204	_____ - Inch HDPE Pipe _____	Linear Foot
205		
206	_____ Box Culvert	Linear Foot
207		
208	Clean Existing Culverts	Force Account"
209		
210		
211		
212	<b>END OF SECTION 603</b>	

## **PREFERENCES**

Bidders agree that preferences shall be taken into consideration to determine the low bidder in accordance with said Sections and the rules promulgated, however, the award of contract will be in the amount of the bid offered exclusive of any preferences.

### **A. APPRENTICESHIP PROGRAMS PREFERENCE**

In accordance with ACT 17, SLH 2009 – Apprenticeship Program and the Bipartisan Infrastructure Law Section 25019(a), a 5% bid adjustment for bidders that are parties to apprenticeship agreements pursuant to Hawaii Revised Statutes (HRS) Section 103-55.6 may be applied to the bidder's price for evaluation purposes.

Any bidder seeking this preference must be a party to an apprenticeship agreement registered with the Department of Labor and Industrial Relations at the time the offer is made for each apprenticeable trade the bidder will employ to construct the public works projects for which the offer is being made.

The bidder is responsible for complying with all submission requirements for registration of its apprenticeship program before requesting the preference.

**( ) Yes, I wish to be considered for the Apprenticeship Programs Preference. I have included Certification Form(s) 1 with my bid.**

## PROPOSAL SCHEDULE - HANAIEI HILLS

ITEM NO.	ITEM	APPROX. QUANTITY (A)	UNIT	UNIT PRICE (B)	AMOUNT (A x B)
201.0100	Clearing and Grubbing	2	ACRE	\$ _____	\$ _____
203.0120	Roadway Excavation of Weakened Pavement Areas	495	C.Y.	\$ _____	\$ _____
203.2100	Slope Trimming - Hanalei Hills	3,800	C.Y.	\$ _____	\$ _____
206.2020	Structure Excavation for Drainage System	1,745	C.Y.	\$ _____	\$ _____
209.0100	Installation, Maintenance, Monitoring, and Removal of BMP - Hanalei Hills	L.S.	L.S.	L.S.	\$ _____
209.0200	Additional Water Pollution, Dust, and Erosion Control - Hanalei Hills	F.A.	F.A.	F.A.	\$ <u>100,000.00</u>
301.0100	Hot Mix Asphalt Base Course	755	Tons	\$ _____	\$ _____
304.0100	Aggregate Base	140	C.Y.	\$ _____	\$ _____
305.0100	Aggregate Subbase	325	C.Y.	\$ _____	\$ _____
401.0410	PMA Pavement, Mix No. IV	990	Tons	\$ _____	\$ _____
415.0110	Cold Planing	5,480	S.Y.	\$ _____	\$ _____
603.0010	Bed Course Material for Culvert	330	C.Y.	\$ _____	\$ _____
603.0100	Clean Existing Culverts	F.A.	F.A.	F.A.	\$ <u>20,000.00</u>

**ER-24(003)**

**Addendum No. 1**

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## PROPOSAL SCHEDULE - HANAIEI HILLS

ITEM NO.	ITEM	APPROX. QUANTITY (A)	UNIT	UNIT PRICE (B)	AMOUNT (A x B)
603.1010	24-inch Reinforced Concrete Pipe, Class III	1,455	L.F.	\$_____	\$_____
603.8000	3.0 ft Wide x 1.5 ft High Box Culvert	70	L.F.	\$_____	\$_____
603.9000	24-inch HDPE Pipe, Type S	280	L.F.	\$_____	\$_____
604.1000	Type C Manhole, 5.00 feet to 5.99 feet	1	EACH	\$_____	\$_____
604.5000	Type 61616P Grated Drop Inlet, 6.00 feet to 6.99 feet	1	EACH	\$_____	\$_____
604.6000	Type 61616P Grated Drop Inlet Modified, 5.00 feet to 5.99 feet	2	EACH	\$_____	\$_____
604.6100	Type 61616P Grated Drop Inlet Modified, 6.00 feet to 6.99 feet	1	EACH	\$_____	\$_____
604.6200	Type 61616P Grated Drop Inlet Modified, 7.00 feet to 7.99 feet	1	EACH	\$_____	\$_____
604.7000	Type 61214P Grated Drop Inlet Modified, 4.00 feet to 4.99 feet	2	EACH	\$_____	\$_____
604.7100	Type 61214P Grated Drop Inlet Modified, 5.00 feet to 5.99 feet	4	EACH	\$_____	\$_____
604.7200	Type 61214P Grated Drop Inlet Modified, 6.00 feet to 6.99 feet	4	EACH	\$_____	\$_____
606.2000	W-Beam Metal Guardrail	590	L.F.	\$_____	\$_____
606.5000	Terminal Section (MSKT or Approved Equal)	1	EACH	\$_____	\$_____
607.1000	6-Feet, Chain Link Fence with Top Rail	290	L.F.	\$_____	\$_____

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Addendum No. 1

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## PROPOSAL SCHEDULE - HANAIEI HILLS

ITEM NO.	ITEM	APPROX. QUANTITY (A)	UNIT	UNIT PRICE (B)	AMOUNT (A x B)
612.1000	Grouted Rubble Paving	41	C.Y.	\$_____	\$ _____
619.1000	Vines (Bougainvillea, Awikiwiki, Prince Kuhio, Pink Mandevilla), Soil Amendments, Black Cinder, Temporary Irrigation, and Plant Establishment Period	L.S.	L.S.	L.S.	\$ _____
621.1000	Inventory of Invasive Species before Construction - Hanalei Hills	L.S.	L.S.	L.S.	\$ _____
621.2000	Invasive Species Removal Plan - Hanalei Hills	F.A.	F.A.	F.A.	\$ <u>13,000.00</u>
621.3000	Removal of Plants and Animals Established before Physical Construction or Site Work, Post-removal Monitoring - Hanalei Hills	F.A.	F.A.	F.A.	\$ <u>70,000.00</u>
621.4000	Monitoring of Invasive Species during and after-Construction - Hanalei Hills	L.S.	L.S.	L.S.	\$ _____
621.5000	Post-Construction Inventory Prior to Returning the Site to the State - Hanalei Hills	L.S.	L.S.	L.S.	\$ _____
629.1004	4-Inch Pavement Striping (Type III Tape or Thermoplastic Extrusion)	200	LF	\$_____	\$ _____
629.1014	4-Inch Double Pavement Striping (Type III Tape or Thermoplastic Extrusion)	1,940	LF	\$_____	\$ _____

## PROPOSAL SCHEDULE - HANAIEI HILLS

ITEM NO.	ITEM	APPROX. QUANTITY (A)	UNIT	UNIT PRICE (B)	AMOUNT (A x B)
629.1024	6-Inch Pavement Striping (Type III Tape or Thermoplastic Extrusion)	2,705	LF	\$ _____	\$ _____
629.1036	8-Inch Pavement Striping (Type III Tape or Thermoplastic Extrusion)	1,715	LF	\$ _____	\$ _____
629.1054	12-Inch Pavement Striping (Type III Tape or Thermoplastic Extrusion)	30	LF	\$ _____	\$ _____
629.1110	Pavement Arrow (Tape, Type III or Thermoplastic Extrusion)	2	Each	\$ _____	\$ _____
629.1130	Yield Line (Tape, Type III or Thermoplastic Extrusion)	1	Lane	\$ _____	\$ _____
629.1135	Stop Bar (Tape, Type III or Thermoplastic Extrusion)	2	Lane	\$ _____	\$ _____
629.2020	Type C Pavement Marker	220	Each	\$ _____	\$ _____
629.2030	Type D Pavement Marker	400	Each	\$ _____	\$ _____
631.0100	Regulatory Sign (10 Square Feet or Less) with Post	1	Each	\$ _____	\$ _____
632.0500	Milepost Marker with Post (Bi-Directional)	1	Each	\$ _____	\$ _____
638.2010	Gutter, Type 2 61214	868	L.F.	\$ _____	\$ _____

## PROPOSAL SCHEDULE - HANAIEI HILLS

ITEM NO.	ITEM	APPROX. QUANTITY (A)	UNIT	UNIT PRICE (B)	AMOUNT (A x B)
638.2012	Gutter, Type 2 61616	618	L.F.	\$ _____	\$ _____
638.2014	Gutter, Type 2 61612	87	L.F.	\$ _____	\$ _____
643.0110	Maintenance of Existing Landscape Areas - Hanalei Hills	FA	FA	FA	\$ <u>40,000.00</u>
645.1000	Traffic Control - Hanalei Hills	L.S.	L.S.	L.S.	\$ _____
645.2000	Additional Police Officers, Additional Traffic Control Devices, and Advertisement - Hanalei Hills	FA	FA	FA	\$ <u>100,000.00</u>
648.1000	Field-Posted Drawings - Hanalei Hills	L.S.	L.S.	L.S.	\$ _____
657.0100	Grouted Soil Anchor for Anchored Wire Mesh (20 feet deep with Spike Plate and Cap) - Hanalei Hills	22,600	L.F.	\$ _____	\$ _____
657.0200	Added Grouted Soil Anchor Length for Anchored Wire Mesh (Up to 30 feet deep with Coupler to add to 20-foot Soil Nail) - Hanalei Hills	11,300	L.F.	\$ _____	\$ _____
657.0300	Added Grouted Soil Anchor Length for Anchored Wire Mesh (Up to 40 feet deep with Coupler to add to 30-foot Soil Nail) - Hanalei Hills	11,300	L.F.	\$ _____	\$ _____
657.0400	Pre-Production Sacrificial Grouted Soil Anchor Verification Tests - Hanalei Hills	4	EACH	\$ _____	\$ _____

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## PROPOSAL SCHEDULE - HANAIEI HILLS

ITEM NO.	ITEM	APPROX. QUANTITY (A)	UNIT	UNIT PRICE (B)	AMOUNT (A x B)
657.0500	Grouted Soil Anchor Proof Tests - Hanalei Hills	60	EACH	\$ _____	\$ _____
657.0600	Anchored Wire Mesh System - Hanalei Hills	63,000	S.F.	\$ _____	\$ _____
657.2000	Repairs to Lower Hanalei Slope Soil Nails	F.A.	F.A.	F.A.	\$ 120,000.00
671.1000	Protection of Endangered Species - Hanalei Hills	F.A.	F.A.	F.A.	\$ 40,000.00
696.1000	Field Office Trailer (Not to Exceed \$32,000)	L.S.	L.S.	L.S.	\$ _____
696.1100	Maintenance of Trailers	F.A.	F.A.	F.A.	\$ 25,000.00
699.1000	Mobilization - Hanalei Hills (Not to exceed 6 percent of the sum of all items excluding the bid price of this item)	L.S.	L.S.	L.S.	\$ _____

Sum of all Contract Items - Hanalei Hills.....(C) \$ \_\_\_\_\_

**NOTES:**

1. Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bid.
2. Bids shall include all Federal, State, County and other applicable taxes and fees.
3. If a discrepancy occurs between the Unit Price **(B)** and the Amount **(A x B)**, the Unit Price **(B)** shall govern.

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**Addendum No. 1**

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## PROPOSAL SCHEDULE - WAIKOKO

ITEM NO.	ITEM	APPROX. QUANTITY (A)	UNIT	UNIT PRICE (B)	AMOUNT (A x B)
203.0100	Roadway Excavation	20	C.Y.	\$ _____	\$ _____
203.2101	Slope Trimming - Waikoko	1,400	C.Y.	\$ _____	\$ _____
209.0101	Installation, Maintenance, Monitoring, and Removal of BMP - Waikoko	L.S.	L.S.	L.S.	\$ _____
209.0201	Additional Water Pollution, Dust, and Erosion Control - Waikoko	F.A.	F.A.	F.A.	\$ 10,000.00
621.1001	Inventory of Invasive Species before Construction - Waikoko	L.S.	L.S.	L.S.	\$ _____
621.2001	Invasive Species Removal Plan - Waikoko	F.A.	F.A.	F.A.	\$ 7,000.00
621.3001	Removal of Plants and Animals Established before Physical Construction or Site Work, Post-removal Monitoring - Waikoko	F.A.	F.A.	F.A.	\$ 30,000.00
621.4001	Monitoring of Invasive Species during and after-Construction - Waikoko	L.S.	L.S.	L.S.	\$ _____
621.5001	Post-Construction Inventory Prior to Returning the Site to the State - Waikoko	L.S.	L.S.	L.S.	\$ _____
643.0111	Maintenance of Existing Landscape Areas - Waikoko	FA	FA	FA	\$ 10,000.00
645.1001	Traffic Control - Waikoko	L.S.	L.S.	L.S.	\$ _____

## PROPOSAL SCHEDULE - WAIKOKO

ITEM NO.	ITEM	APPROX. QUANTITY (A)	UNIT	UNIT PRICE (B)	AMOUNT (A x B)
645.2001	Additional Police Officers, Additional Traffic Control Devices, and Advertisement - Waikoko	FA	FA	F.A.	\$ 50,000.00
648.1001	Field-Posted Drawings - Waikoko	L.S.	L.S.	L.S.	\$
657.0101	Grouted Soil Anchor for Anchored Wire Mesh (20 feet deep with Spike Plate and Cap) - Waikoko	18,000	L.F.	\$	\$
657.0201	Added Grouted Soil Anchor Length for Anchored Wire Mesh (Up to 30 feet deep with Coupler to add to 20-foot Soil Nail) - Waikoko	9,000	L.F.	\$	\$
657.0301	Added Grouted Soil Anchor Length for Anchored Wire Mesh (Up to 40 feet deep with Coupler to add to 30-foot Soil Nail) - Waikoko	9,000	L.F.	\$	\$
657.0401	Pre-Production Sacrificial Grouted Soil Anchor Verification Tests - Waikoko	4	EACH	\$	\$
657.0501	Grouted Soil Anchor Proof Tests - Waikoko	50	EACH	\$	\$
657.0601	Anchored Wire Mesh System - Waikoko	44,500	S.F.	\$	\$
671.1001	Protection of Endangered Species - Waikoko	F.A.	F.A.	F.A.	\$ 35,000.00

PROPOSAL SCHEDULE - WAIKOKO					
ITEM NO.	ITEM	APPROX. QUANTITY (A)	UNIT	UNIT PRICE (B)	AMOUNT (A x B)
695.0101	Positive Protection Barrier - Waikoko	40	EACH	\$ _____	\$ _____
699.1001	Mobilization - Waikoko (Not to exceed 6 percent of the sum of all items excluding the bid price of this item)	L.S.	L.S.	L.S.	\$ _____
Sum of all Contract Items - Waikoko.....(D)					\$ _____
<p>NOTES:</p> <p>1. Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bid.</p> <p>2. Bids shall include all Federal, State, County and other applicable taxes and fees.</p> <p>3. If a discrepancy occurs between the Unit Price <b>(B)</b> and the Amount <b>(A x B)</b>, the Unit Price <b>(B)</b> shall govern.</p>					

## PROPOSAL SUMMARY

Total Amount for Comparison of Bids - Hanalei Hills (from Page P-13).....**(C)**      \$ \_\_\_\_\_

Total Amount for Comparison of Bids - Waikoko (from Page P-16).....**(D)**      \$ \_\_\_\_\_

Total Amount for Comparison of Bids.....**(C + D)**      \$                     

### NOTES:

1. Bidders must complete all unit prices and amounts on previous proposal pages. Failure to do so may be grounds for rejection of bid.
2. Bids shall include all Federal, State, County and other applicable taxes and fees.
3. If a discrepancy occurs between the Unit Price **(B)** and the Amount **(A x B)**, the Unit Price **(B)** shall govern.
4. The Total Amount for Comparison of Bids will be used to determine the lowest responsible bidder.

1 **PROPOSAL SCHEDULE**

2  
3 The bidder is directed to Subsection 105.16 – Subcontracts.

4  
5 The bidder's attention is directed to Sections 696 - Field Office and Project  
6 Site Laboratory and 699 - Mobilization for the limitation of the amount bidders are  
7 allowed to bid.

8  
9 If the bid price for any proposal item having a maximum allowable bid  
10 indicated therefore in any of the contract documents is in excess of such a  
11 maximum amount, the bid price for such proposal item shall be adjusted to reflect  
12 the limitation thereon. The comparison of bids to determine the successful  
13 bidder and the amount of contract to be awarded shall be determined after such  
14 adjustments are made, and such adjustments shall be binding upon the bidder.

15  
16 The bidder is directed to Section 717 – Cullet and Cullet-Made Materials  
17 regarding recycling of waste glass.  
18  
19

## MINUTES OF THE PRE-BID MEETING

**PROJECT:** Kuhio Highway, Emergency Slope Stabilization for Hanalei Hills and Waikoko District of Hanalei, Island of Kauai

**PROJECT NO.:** ER-24(003)

**LOCATION:** Microsoft Teams Video Conference

**DATE & TIME:** November 23, 2022 at 10:00 A.M.

**IN ATTENDANCE:**

Eric Fujikawa	HDOT – HWY-K
Larry Dill	HDOT – HWY-K
Daniel Williams	HDOT – OCR
Gary Iwamoto	KSF, Inc.
Randall Urasaki	WSP USA, Inc.
Same Geiges	Access Limited Construction
Jerry Nishek	Kauai Nursery and Landscaping
David Koseki	Hawaiian Dredging Construction Co.
Alyssa Carveiro	Earthworks Pacific, Inc.
Peter Gooding	Prometheus Construction
Ben Procter	Prometheus Construction
Govi Tillotson	Prometheus Construction

The meeting started at 10:00 A.M. Eric Fujikawa began the meeting with an introduction and gave a brief overview of the project.

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 HlePRO and will be formally answered through the addendum.

The DBE goal of the project is 0.9%. Dan Williams provided an overview of DBE forms and requirements when submitting a bid. Links were provided to the bidder registration form (<https://hidot.hawaii.gov/administration/files/2019/03/Bidder-Registration-Fillable-Form.pdf>) and the DBE system website (<https://hdot.dbesystem.com/>).

The following questions were raised at the meeting:

**Question #1:** Do you know who will be the CM group at this time?

**Response:** The CM will be determined by our Construction Section after project is awarded.

**Question #2:** Hydromulch seeding, is there a maintenance requirement?

**Response:** We will look into it and clarify via addendum, if needed.

The pre-bid meeting was adjourned at 10:20 A.M.

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

**Responses to HlePRO Questions for solicitation: B23001006  
Kuhio Hwy Emergency Slope Stab. for Hanalei Hills and Waikoko  
Project No. ER-24(003)**

**1. What is the anticipated start date of this project?**

RESPONSE: The project will start after the contract is executed with the awarded contractor.

**2. Is the gutter excavation paid through the roadway excavation item? Please clarify.**

RESPONSE: Per Plan Sheet 37, Gutter Notes #2: Payment for excavation for gutter shall be incidental to gutter type.

**3. Can cold plane joints be cut perpendicular to travel way with milling machine or do they need to be sawcut?**

RESPONSE: Cold plane joints shall be sawcut. Use of a milling machine will not be acceptable.

**4. Will cold plane material become property of the state and hauled to designated state yard?**

RESPONSE: Cold Plane material shall become the property of the Contractor. Disposal of material is the responsibility of the Contractor.

**5. Typical trench restoration detail on sheet D-7 calls for the full reconstruction section over the trench. Sheets R-2 through R-4 only call for a 2" grind and overlay over the new storm drain. Please provide applicable roadway restoration over storm drain trench.**

RESPONSE: Full depth pavement reconstruction as shown on Sheet D-7 shall be used for all trench areas within the AC pavement limits. See attached Addendum Plans.

**6. In regards to the grated drain inlets, can Ram-Neck be used in the tongue & groove instead of flashing compound on both sides of the joint?**

RESPONSE: Use flashing compound waterproofing at joints.

**7. Confirm location of 6" HDPE outlet at tunnel entrance. Plan is drawn to connect at end of tunnel while notes are pointing at area behind the GRP**

RESPONSE: See attached Addendum Plans for revisions.

**8. Is it acceptable to place pipe bed course material over the top of the drain pipe up to the bottom of the roadway section as trench backfill material to allow for faster trench restoration. The majority of the drain line is located in the highway and will require the trench to be plated at the end of every shift. Allowing bed course over the pipe will limit the amount of time trench plates will need to be used on the highway.**

RESPONSE: It is acceptable to use pipe bed course material to the bottom of the roadway section as trench backfill material. However, Contractor shall be responsible for water pressure relief in the trench as water will accumulate in the pipe bed course material.



**9. Per note 2 on sheet 55, obtaining right of entry to utilize the properties beyond the right of way shown during construction is the responsibility of the contractor. Please clarify what, if anything, has been done to this point to notify or work with applicable property owners.**

RESPONSE: HDOT coordinated right of entries have been provided in the bid documents. Contractor is responsible for all other properties.

**10. Proposal item 695.0100 calls for positive protection barriers at hanalei hill but none are shown on plans, please clarify.**

RESPONSE: This item has been deleted from the proposal schedule.