

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

**ADDENDUM NO. 1
for
CRACK SEAL REPAIRS AT VARIOUS LOCATIONS**

PROJECT NO. HWY-OM-2019-49

The following amendments shall be made to the Bid Documents:

A. SPECIFICATIONS

1. Replace Pages 404-1a through 404-6a dated 1/28/19 with the attached Pages 404-1a through 404-6a dated 4/9/19.
2. Replace Pages 645-1a through 645-2a dated 12/10/18 with the attached Pages 645-1a through 645-2a dated 4/9/19.

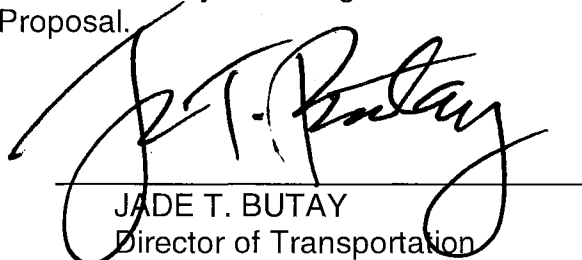
B. PROPOSAL

1. Replace Pages P-6 through P-30 with the attached Pages P-6 through P-30 labelled ADDENDUM NO. 1.

C. PRE-BID MEETING NOTES

1. Attached are the March 27, 2019 Pre-Bid Meeting Notes and Attendance Sheet for your 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.



JADE T. BUTAY
Director of Transportation

1 Make this section a part of the Standard Specifications:

2
3 **"SECTION 404 - SLURRY SEAL**

4
5 **404.01 Description.** This section describes furnishing and applying slurry seal
6 on an existing asphalt surface.

7
8 **404.02 Materials.**

9

10 Emulsified Asphalt (Type CQS-1h with 2% Polymer Latex)	702.04
11	
12 Aggregate for Slurry Seal	703.11
13	
14 Filler	703.15
15	
16 Water	712.01

17

18 **(A) General.** Slurry seal shall include uniform blend of emulsified
19 asphalt, aggregate, water, and if required by job-mix formula, filler.

20
21 **(B) Job-Mix Formula and Tests.** Unless otherwise specified, design
22 and test job-mix formula in accordance with ASTM D 3910 and
23 International Slurry Seal Association (ISSA) technical bulletins, for Type III
24 slurry seal, and as indicated in the contract documents.

25
26 Tolerance of plus or minus 1 percent will be allowed in residual
27 asphalt content from that specified in job-mix formula accepted by the
28 Engineer.

29
30 **(C) Submittals.** Submit slurry seal job-mix formula for each type of
31 slurry seal mix indicated in the contract documents as follows:

32
33 (1) Design percent of aggregate passing each required sieve size.

34
35 (2) Design percent of residual asphalt added to aggregate, based
36 on dry weight of aggregate.

37
38 (3) Source of aggregate.

39
40 (4) Grade of emulsified asphalt.

41
42 (5) Test data used to develop job-mix formula.

43
44 (6) Slurry seal equipment calibration and production settings for
45 approved job-mix formula.

If design requirements are modified after the Engineer accepts job-mix formula, submit new job-mix formula before using slurry seal produced from modified mix design.

(D) Material Storage & Handling. A barrier shall be placed under the aggregate stockpile to prevent underlying material from being incorporated into the slurry seal aggregate. Prior to loading aggregates into mixing machine bins, aggregates shall be screened to remove oversized material.

404.03 Construction.

(A) Test Section. Before production and after calibration as specified in Subsection 404.03(C)(6) - Equipment Calibration, apply slurry seal onto test section using same mixture, equipment, and method proposed for use in the work. Test section shall be at least 10 feet by 50 feet and applied under typical project environmental conditions. A separate test section is required for each piece of equipment that will be used on the project. The test sections shall also include a demonstration of the equipment change-out procedure for material resupply to verify the consistency of the slurry material upon restart and the ability to construct an acceptable construction joint. The Engineer will determine location of test section. Prior to continuation of slurry seal production, mixture samples may be taken and the test strip will be evaluated to verify mix consistency, proportioning, application rate, and set time.

(B) Paving Plan. Submit a slurry seal paving plan for review and acceptance prior to the start of slurry seal activity. The paving plan shall include the sequence of work for the slurry application areas, equipment application runs, and designated handwork application areas.

(C) Weather Limitation. Application of slurry seal will not be allowed under the following conditions:

(1) On wet surfaces as determined by the Engineer.

(2) When air temperature is below 60 degrees F and falling. Slurry seal may be applied when air temperature is above 50 degrees F and rising. Air temperature will be measured in shade and away from artificial heat.

(3) When weather conditions prevent proper method of construction.

94 (D) **Equipment.**

95
96 (1) **General.** Keep equipment, tools, and machinery clean and
97 maintained in satisfactory condition.

98
99 (2) **Mixing Equipment.** Use self-propelled machine specifically
100 designed and manufactured to lay slurry seal. Mixing machine shall
101 be either truck-mounted or continuous-run design. A continuous-run
102 machine is defined as one that is equipped to self-load while
103 continuing to lay slurry seal. Either type machine shall be able to
104 accurately deliver and proportion aggregate, emulsified asphalt,
105 water, and if specified by job-mix formula, filler to maintain
106 adequate supply to the proportioning controls.

107
108 If continuous-run machine is used, equip to allow operator to
109 have full control of forward and reverse speeds during slurry seal
110 application; and to include opposite-side driver stations and forward
111 and reverse speed controls.

112
113 (3) **Proportioning Devices.** Provide and label individual volume
114 or weight controls for proportioning each material to be added to
115 mix.

116
117 (4) **Spreading Equipment.** Spread mixture uniformly by means
118 of conventional surfacing spreader box attached to mixer and
119 equipped to agitate and spread material evenly throughout box.
120 Provide front seal that prevents loss of mixture at road contact point
121 and adjustable rear seal the functions as final strike-off. Design and
122 operate spreader box and rear strike-off such that uniform
123 consistency is achieved to produce free flow of material to rear
124 strike-off. Equip spreader box with means to side shift box to
125 compensate for variations in pavement geometry. Burlap drag or
126 other accepted screed may be attached to rear of spreader box to
127 provide uniform, highly textured mat.

128
129 (5) **Auxiliary Equipment.** Provide other tools or equipment,
130 such as brushes, hose equipment, tank trucks, water distributors
131 and flushers, power sweepers, and power blowers.

132
133 (6) **Equipment Calibration.** Calibrate in the Engineer's
134 presence all equipment to be used in performance of the work.
135 Submittal of previous calibration documents may be used in lieu of
136 calibration in the Engineer's presence if documented calibration
137 were made within one calendar year of submittal. Include individual
138 calibration of each material at various settings, which can be
139 related to machine's metering devices. No machine will be allowed

to be used on project until calibration has been completed and accepted.

After calibration and prior to production, make test strips for each machine. Test strips shall be part of test section specified in Subsection 404.03(A) - Test Section. Upon failure of test for mix consistency, proportioning, or rate of application, or combination thereof, additional test strips at no increase in contract price or contract time will be required until each machine is accepted for work. Machine failing to pass specified tests after three trials will not be allowed to be used on project.

(E) Preparation of Surfaces. Immediately before applying slurry seal, clean existing pavement in accordance with Section 310 - Brooming Off.

Remove all pavement markers and eradicate the existing thermoplastic pavement striping.

Application of Crack Sealer shall be in accordance with section 408 – Crack Seal. Crack Sealing shall be completed at least thirty (30) calendar days prior to the start of slurry seal placement. This work shall be completed and paid for under the pay item, Crack Seal.

Contaminated areas on the existing pavement including but not limited to chemical spills/stains and accumulation of debris or organic matter shall be removed, cleaned with an approved biodegradable cleaning solution, and thoroughly rinsed. Persistent stains shall be removed by spot-grinding or torching and sealed with an approved oil spot primer. High pressure washing is not permitted.

Manholes, valve boxes, drop inlets and other service entrances as well as survey and centerline monuments, shall be protected from the slurry seal by a suitable method. Contractors shall be held liable for any service entrances and monuments covered up resulting from construction. The clean up of any service entrances and monuments shall be at the expense of the contractor.

The Engineer shall approve surface prior to application of slurry surfacing.

(F) Application of Slurry Seal. Apply slurry seal in accordance with ASTM D 3910, ISSA A105, and as indicated in the contract documents. Pour slurry seal into spreader box in sufficient quantity to completely cover full width of spreader. Do not overload the spreader or allow slurry seal to flow out of the sides of the spreader box. The slurry seal shall possess sufficient stability so that the premature breaking of the material in the spreader box does not occur. The mixture shall be homogeneous during

and following mixing and spreading. It shall be free of excess water and emulsion and free of segregation of the emulsion and aggregate fines from the coarser aggregate. Spraying of additional water into the spreader box will not be permitted.

Apply slurry seal in one uniformly blended coat. Use hand spreaders only in areas where spreader box cannot be used.

Lumping, balling, or unmixed aggregate in the slurry seal shall not be permitted. No streaks, such as those caused by oversized aggregate, shall be left in the finished surface. If excess oversize develops, the job will be stopped until the Contractor is able to prove that the situation has been corrected. All cost and time expense related to the stoppage will be the responsibility of the Contractor.

(G) Joints, Trimming Edges, Removal of Excess Material, and Corrective Measures. Excess buildup, uncovered areas, or unsightly appearance shall not be permitted. All excess slurry seal build-up on longitudinal and transverse joints shall be removed. Place longitudinal joints on lane lines. Half passes and odd-width passes may only be used in minimum amounts and only when authorized by the Engineer. The contractor shall provide suitable width-spreading equipment to minimize the number of longitudinal joints throughout the project. Longitudinal lane line joints shall not overlap more than six inches.

Excess slurry seal on areas such as shoulders, gutters, curbs, utility covers, and pavement markers and striping to remain shall be removed.

All deficiencies in the slurry seal, resulting from but not limited to poor workmanship, contractor's operations, removal of temporary traffic control measures, and early opening to vehicular traffic, shall be repaired before acceptance. All corrective measures shall be considered incidental to the slurry seal. The corrective methods shall be approved by the Engineer.

(H) Protection of Slurry Seal. Except for construction equipment used for slurry seal operations, keep traffic off slurry seal until such time that mixture has cured sufficiently so that slurry seal will not adhere to and be picked up by vehicle tires. Ensure that cured slurry seal adheres firmly to existing surface.

404.04 Measurement. The Engineer will measure slurry seal per square yard in accordance with the contract documents.

The Engineer will not measure preparation of surfaces. All work mentioned in the preparation of surfaces shall be considered incidental to slurry seal activities.

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404.05 Payment. The Engineer will pay for the accepted slurry seal at the contract unit price basis, 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 item when included in the proposal schedule:

Pay Item	Pay Unit
Slurry Seal	Square Yard

Engineer will pay 100 percent of the contract bid price upon completion of the slurry seal installation.”

END OF SECTION 404

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

2
3 Make the following amendments to said Section:

4
5 **(I) Amend 645.03 (B) Construction Signs** from line 162 to 169 by changing
6 all references to "Construction Signs" to read "**Work Zone Signs**".

7
8 **(II) Amend 645.03 (F) Lane Closures** from line 253 to 270 to read as follows:

9
10 "For the island of Oahu, no lane closures will be allowed during 24-hour
11 periods as follows:

12 **(1) Holidays (Midnight to Midnight).**

13 **(2) Day before and day after Thanksgiving Day (Midnight to Midnight).**

14 **(3) Holiday period for Christmas and New Years (Two Weeks prior to**
15 **Christmas and the week between Christmas and New Years).**

16 **(4) Other dates of events indicated in the contract documents."**

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22 **(III) Amend Subsection 645.03 - Construction** by adding this paragraph after
23 line 70:

24
25 "Furnish two Electronic Message Boards or the amount requested by the
26 Engineer for each work site that requires work zone traffic control on a daily basis."

27
28 **(IV) Amend Subsection 645.04 - Measurement** from lines 394 to 403 to read:

29
30 "**645.04 Measurement.** Traffic control as specified in Subsection 645.03 –
31 Construction will be measured per lane mile in accordance with the contract
32 documents.

33
34 The Engineer will measure Electronic Message Boards per each on a daily
35 basis in accordance with the contract documents."

36
37 **(V) Amend Subsection 645.05 - Payment** from lines 405 to 424 to read:

38
39 "**645.05 Payment.** The Engineer will pay for the accepted traffic control,
40 additional police officers, additional traffic control devices, and advertisement at the
41 contract price per pay unit, as shown in the proposal schedule. Payment will be full
42 compensation for the work prescribed in this section and the contract documents.

43
44 The Engineer will pay for the accepted Electronic Message Boards at the
45 contract price per each on a daily basis. The price includes full compensation for
46 renting/furnishing, installing, setting up, maintaining and removing one electronic
47 message board for a 24-hour period and furnishing labor, materials, tools,

48 equipment, and incidentals necessary to operate the Electronic Message Boards.

49

50 The Engineer will pay for the following pay item when included in the
51 proposal schedule:

52

53 **Pay Item** **Pay Unit**

54

55 Traffic Control (Interstate Freeway) Lane Mile

56

57 Traffic Control (State Highway) Lane Mile

58

59 Electronic Message Board (per day) Each"

60

61

62

63

END OF SECTION 645

PREFERENCES FOR AREA 1

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. HAWAII PRODUCTS PREFERENCE

It is understood that certain Hawaii Products may be acceptable for use in this project and that, pursuant to Sections 103D-1002, HRS, which provides preference for Hawaii Products, a bidder proposing to use such Hawaii products shall so designate in the schedule provided below.

If a bidder proposes to use Hawaii Products, the bidder must so designate in said schedule by entering the cost of such product in the appropriate space provided. Failure on the part of the bidder to designate the use of Hawaii products will automatically void any preference for that product.

Persons desiring to qualify product(s) not currently on the list, shall complete form SPO-38, *Certification for Hawaii Product Preference* in accordance with the Special Provisions of these specifications.

It is understood by the bidder that if the bidder elects to furnish qualified Hawaii Products, and is awarded the contract, then fails to use such products or meet the requirements of such preference, the bidder shall be subject to the statutory penalties, provided in Section 103D-1002, Hawaii Revised Statute, and such other remedies as may be available to the State.

() Yes, I propose to use Hawaii Products and claim the Hawaii Products Preference. I have filled in the table on the following pages as applicable.

B. APPRENTICESHIP PROGRAMS PREFERENCE

In accordance with ACT 17, SLH 2009 – Apprenticeship Program, 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.

C. RECYCLED PRODUCT PREFERENCE

Recycled product preference shall not apply to this proposal.

DESIGNATION OF APPROVED HAWAII PRODUCTS* TO BE USED
***CONSTRUCTION PRODUCTS AND SOIL AMENDMENTS/PRODUCTS**

Product Category	Product Subcategory as applicable	Manufacturer	Cost FOB Jobsite, Unloaded Including Applicable General Excise & Use Taxes (a)	10% (b)	Credit (a) x (b)
Aggregates – Basaltic Termite Barrier		Ameron International Corporation (Oahu)(Maui)	\$		\$
		Pohaku Pa'a dba HC&D LLC (Oahu)	\$		\$
Aggregates and Sand – Basalt, Rock, Cinder, Limestone and Coral		Ameron International Corporation (Oahu)(Maui)	\$		\$
		CTS Earthmoving, Inc. (Hawaii)	\$		\$
		Delta Construction Corporation (Oahu)	\$		\$
		Edwin Deluz Trucking & Gravel LLC (Hawaii)	\$		\$
		Goodfellow Bros, Inc. (All Islands)	\$		\$
		Grace Pacific (Oahu) (Hawaii) (Kauai)	\$		\$
		GW Construction (Hawaii)	\$		\$
		Hawaiian Cement (Oahu) (Maui)	\$		\$
		Jas. W. Glover, Ltd. (Hawaii) (Kauai)	\$		\$
		Kauai Aggregates (Kauai)	\$		\$
		Pohaku Pa'a LLC dba HC&D LLC (Oahu) (Maui)	\$		\$
		Puna Rock Co., LTD. (Hawaii)	\$		\$
		Sanford's Service Center, Inc. (Hawaii)	\$		\$
		Sphere, LLC (Oahu)	\$		\$
		Tileco, Inc. (Oahu) (Hawaii) (Maui) (Kauai)	\$		\$
		Tri-L Construction, Inc. (Molokai)	\$		\$
		West Hawaii Concrete (Hawaii)	\$		\$
		Yamada and Sons, Inc. (Hawaii)	\$		\$
Aggregates – Recycled Asphalt and Concrete		Glover Honsador (Kauai)	\$		\$
		Grace Pacific (Oahu)	\$		\$
		Jas. W. Glover, Ltd. (Hawaii) (Oahu)	\$		\$
		West Oahu Aggregate Co. Inc. (Oahu)	\$		\$

Asphalt and Paving Materials		Ala Imua LLC (Oahu)	\$	\$
		Black Maui Rose LLC (Maui)	\$	\$
		Black Plumeria LLC (Oahu)	\$	\$
		GP Roadway Solutions, Inc. (All Islands)	\$	\$
		Grace Pacific Corporation (Hawaii) (Oahu) (Kauai)	\$	\$
		Halawa Asphalt LLC (Oahu)	\$	\$
		Jas. W. Glover, Ltd. (Hawaii) (Kauai)	\$	\$
		Maui Asphalt X-IV, LLC (Maui) (Molokai)	\$	\$
		Maui Paving LLC (Maui) (Molokai)	\$	\$
		Road and Highway Builders (Oahu)	\$	\$
		Walker-Moody Pavement Products & Equipment (All Islands)	\$	\$
		Yamada and Sons, Inc. dba YS Rock and Con-Agg of Hawaii (Hawaii)	\$	\$
Cement and Concrete Products		Ameron International Corporation (Oahu) (Maui)	\$	\$
		BOMAT, Ltd. (All Islands)	\$	\$
		Glover Honsador (Kauai)	\$	\$
		Hawaiian Cement (Oahu)(Maui)	\$	\$
		Island Ready Mix Concrete, Inc. (Oahu)	\$	\$
		Jas. W. Glover, Ltd. (Hawaii)(Kauai)	\$	\$
		Jensen Enterprises (All Islands)	\$	\$
		Kiewit Infrastructure West Co. (Oahu)	\$	\$
		Kohala Coast Concrete & Precast LLC (Hawaii)	\$	\$
		Pohaku Pa'a LLC dba HC&D LLC (Oahu) (Maui)	\$	\$
		Road and Highway Builders, LLC (Oahu)	\$	\$
		Tri-L Construction, Inc. (Molokai)	\$	\$
		O. Thronas, Inc. (Kauai)	\$	\$
		Tileco, Inc. (Oahu)(Hawaii)(Maui)(Kauai)	\$	\$
		West Hawaii Concrete (Hawaii)	\$	\$
		Yamada and Sons, Inc. (Hawaii)	\$	\$

Precast Concrete Products		Aloha Precast, Inc. (All Islands)	\$		\$
		Ameron International Corporation (Oahu)	\$		\$
		GPRM Prestress LLC (All Islands)	\$		\$
		Hawaii Concrete Products, Inc. (Oahu)	\$		\$
		Hawaii Precast, Inc. (All Islands)	\$		\$
		Kohala Coast Concrete & Precast LLC (Hawaii)	\$		\$
		Ramtek Fabrication Co., Inc. (All Islands)	\$		\$
		Walker Industries, Ltd. (Oahu)(Hawaii)(Maui)(Kauai)	\$		\$
Environmental Sewage – Treatment Innovative System (ESIS)	Septic Tanks	Environmental Waste Management Systems, Inc. (Oahu)(Hawaii)(Maui)(Kauai)	\$		\$
		Ameron International Corporation (Oahu)	\$		\$
		Walker Industries, Ltd. (All Islands)	\$		\$
Hot Dip Galvanizing		Universal Associates, Inc. (Oahu)	\$		\$
Metal Roofing and Flashing – Preformed		HPM Building Supply (All Islands)	\$		\$
Pipes – Aluminum and Galvanized	Pipes – Misc.	Ameron International Corporation (Oahu)	\$		\$
Aluminum Floating Dock – Misc.		Bluewater Marine and Dock Specialties (All Islands)	\$		\$
		High Seas Welding LLC dba JS Marine (All Islands)	\$		\$
Signs – Traffic, Regulatory & Construction		GP Roadway Solutions, Inc. (All Islands)	\$		\$
		Safety Systems and Signs Hawaii, Inc. (All Islands)	\$		\$
Veneer		Big Rock Manufacturing (All Islands)	\$		\$

Soil Amendments, Mulch, Compost		Eko Systems Inc. (Oahu) (Maui) (Hawaii)(Kauai)	\$		\$
		Island Topsoil LLC (All Islands)			
		Kauai Nursery & Landscaping, Inc. (All Islands)	\$		\$
		Molokai Seed Co. (All Islands)	\$		\$
		Sanford's Service Center, Inc. (Hawaii)	\$		\$
Compost Filter		EnviroTech BioSolutions Hawaii, Inc. (All Islands)	\$		\$
		Certified Erosion Control Hawaii LLC (All Islands)	\$		\$
TOTAL FOR AREA 1			\$		\$

PROPOSAL SCHEDULE - AREA 1

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
404.0100	Slurry Seal	50,000	SY	\$ _____	\$ _____
405.0100	Fog Seal	50,000	SY	\$ _____	\$ _____
408.0100	Crack Sealing - Less than 3/8"	5000	Lin Ft	\$ _____	\$ _____
408.0200	Crack Sealing - 3/8" to 3/4", without Routing	5000	Lin Ft	\$ _____	\$ _____
408.0300	Crack Sealing - 3/8" to 3/4", with Routing	5000	Lin Ft	\$ _____	\$ _____
408.0400	Crack Sealing - Less than 3/4"	500	LBS	\$ _____	\$ _____
645.0100	Traffic Control (Interstate Freeway)	1	Lane Mile	\$ _____	\$ _____
645.0200	Traffic Control (State Highway)	1	Lane Mile	\$ _____	\$ _____
645.1000	Electronic Message Board (per day)	1	Each	\$ _____	\$ _____
SUM OF ALL ITEMS - AREA 1					\$ _____

PREFERENCES FOR AREA 2

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Aggregates – Basaltic Termite Barrier		Ameron International Corporation (Oahu)(Maui)	\$		\$
		Pohaku Pa'a dba HC&D LLC (Oahu)	\$		\$
Aggregates and Sand – Basalt, Rock, Cinder, Limestone and Coral		Ameron International Corporation (Oahu)(Maui)	\$		\$
		CTS Earthmoving, Inc. (Hawaii)	\$		\$
		Delta Construction Corporation (Oahu)	\$		\$
		Edwin Deluz Trucking & Gravel LLC (Hawaii)	\$		\$
		Goodfellow Bros, Inc. (All Islands)	\$		\$
		Grace Pacific (Oahu) (Hawaii) (Kauai)	\$		\$
		GW Construction (Hawaii)	\$		\$
		Hawaiian Cement (Oahu) (Maui)	\$		\$
		Jas. W. Glover, Ltd. (Hawaii) (Kauai)	\$		\$
		Kauai Aggregates (Kauai)	\$		\$
		Pohaku Pa'a LLC dba HC&D LLC (Oahu) (Maui)	\$		\$
		Puna Rock Co., LTD. (Hawaii)	\$		\$
		Sanford's Service Center, Inc. (Hawaii)	\$		\$
		Sphere, LLC (Oahu)	\$		\$
		Tileco, Inc. (Oahu) (Hawaii) (Maui) (Kauai)	\$		\$
		Tri-L Construction, Inc. (Molokai)	\$		\$
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		Yamada and Sons, Inc. (Hawaii)	\$		\$
Aggregates – Recycled Asphalt and Concrete		Glover Honsador (Kauai)	\$		\$
		Grace Pacific (Oahu)	\$		\$
		Jas. W. Glover, Ltd. (Hawaii) (Oahu)	\$		\$
		West Oahu Aggregate Co. Inc. (Oahu)	\$		\$

Asphalt and Paving Materials	Ala Imua LLC (Oahu)	\$	\$
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	Black Plumeria LLC (Oahu)	\$	\$
	GP Roadway Solutions, Inc. (All Islands)	\$	\$
	Grace Pacific Corporation (Hawaii) (Oahu) (Kauai)	\$	\$
	Halawa Asphalt LLC (Oahu)	\$	\$
	Jas. W. Glover, Ltd. (Hawaii) (Kauai)	\$	\$
	Maui Asphalt X-IV, LLC (Maui) (Molokai)	\$	\$
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	BOMAT, Ltd. (All Islands)	\$	\$
	Glover Honsador (Kauai)	\$	\$
	Hawaiian Cement (Oahu)(Maui)	\$	\$
	Island Ready Mix Concrete, Inc. (Oahu)	\$	\$
	Jas. W. Glover, Ltd. (Hawaii)(Kauai)	\$	\$
	Jensen Enterprises (All Islands)	\$	\$
	Kiewit Infrastructure West Co. (Oahu)	\$	\$
	Kohala Coast Concrete & Precast LLC (Hawaii)	\$	\$
	Pohaku Pa'a LLC dba HC&D LLC (Oahu) (Maui)	\$	\$
	Road and Highway Builders, LLC (Oahu)	\$	\$
	Tri-L Construction, Inc. (Molokai)	\$	\$
	O. Thronas, Inc. (Kauai)	\$	\$
	Tileco, Inc. (Oahu)(Hawaii)(Maui)(Kauai)	\$	\$
	West Hawaii Concrete (Hawaii)	\$	\$
	Yamada and Sons, Inc. (Hawaii)	\$	\$

Precast Concrete Products		Aloha Precast, Inc. (All Islands)	\$		\$
		Ameron International Corporation (Oahu)	\$		\$
		GPRM Prestress LLC (All Islands)	\$		\$
		Hawaii Concrete Products, Inc. (Oahu)	\$		\$
		Hawaii Precast, Inc. (All Islands)	\$		\$
		Kohala Coast Concrete & Precast LLC (Hawaii)	\$		\$
		Ramtek Fabrication Co., Inc. (All Islands)	\$		\$
		Walker Industries, Ltd. (Oahu)(Hawaii)(Maui)(Kauai)	\$		\$
Environmental Sewage – Treatment Innovative System (ESIS)	Septic Tanks	Environmental Waste Management Systems, Inc. (Oahu)(Hawaii)(Maui)(Kauai)	\$		\$
		Ameron International Corporation (Oahu)	\$		\$
		Walker Industries, Ltd. (All Islands)	\$		\$
Hot Dip Galvanizing		Universal Associates, Inc. (Oahu)	\$		\$
Metal Roofing and Flashing – Preformed		HPM Building Supply (All Islands)	\$		\$
Pipes – Aluminum and Galvanized	Pipes – Misc.	Ameron International Corporation (Oahu)	\$		\$
Aluminum Floating Dock – Misc.		Bluewater Marine and Dock Specialties (All Islands)	\$		\$
		High Seas Welding LLC dba JS Marine (All Islands)	\$		\$
Signs – Traffic, Regulatory & Construction		GP Roadway Solutions, Inc. (All Islands)	\$		\$
		Safety Systems and Signs Hawaii, Inc. (All Islands)	\$		\$
Veneer		Big Rock Manufacturing (All Islands)	\$		\$

Soil Amendments, Mulch, Compost		Eko Systems Inc. (Oahu) (Maui) (Hawaii)(Kauai)	\$		\$
		Island Topsoil LLC (All Islands)			
		Kauai Nursery & Landscaping, Inc. (All Islands)	\$		\$
		Molokai Seed Co. (All Islands)	\$		\$
		Sanford's Service Center, Inc. (Hawaii)	\$		\$
Compost Filter		EnviroTech BioSolutions Hawaii, Inc. (All Islands)	\$		\$
		Certified Erosion Control Hawaii LLC (All Islands)	\$		\$
TOTAL FOR AREA 2			\$		\$

PROPOSAL SCHEDULE - AREA 2

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
404.0100	Slurry Seal	50,000	SY	\$_____	\$_____
405.0100	Fog Seal	50,000	SY	\$_____	\$_____
408.0100	Crack Sealing - Less than 3/8"	5000	Lin Ft	\$_____	\$_____
408.0200	Crack Sealing - 3/8" to 3/4", without Routing	5000	Lin Ft	\$_____	\$_____
408.0300	Crack Sealing - 3/8" to 3/4", with Routing	5000	Lin Ft	\$_____	\$_____
408.0400	Crack Sealing - Less than 3/4"	500	LBS	\$_____	\$_____
645.0100	Traffic Control (Interstate Freeway)	1	Lane Mile	\$_____	\$_____
645.0200	Traffic Control (State Highway)	1	Lane Mile	\$_____	\$_____
645.1000	Electronic Message Board (per day)	1	Each	\$_____	\$_____
SUM OF ALL ITEMS - AREA 2					\$_____

PREFERENCES FOR AREA 3

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. HAWAII PRODUCTS PREFERENCE

It is understood that certain Hawaii Products may be acceptable for use in this project and that, pursuant to Sections 103D-1002, HRS, which provides preference for Hawaii Products, a bidder proposing to use such Hawaii products shall so designate in the schedule provided below.

If a bidder proposes to use Hawaii Products, the bidder must so designate in said schedule by entering the cost of such product in the appropriate space provided. Failure on the part of the bidder to designate the use of Hawaii products will automatically void any preference for that product.

Persons desiring to qualify product(s) not currently on the list, shall complete form SPO-38, *Certification for Hawaii Product Preference* in accordance with the Special Provisions of these specifications.

It is understood by the bidder that if the bidder elects to furnish qualified Hawaii Products, and is awarded the contract, then fails to use such products or meet the requirements of such preference, the bidder shall be subject to the statutory penalties, provided in Section 103D-1002, Hawaii Revised Statute, and such other remedies as may be available to the State.

() Yes, I propose to use Hawaii Products and claim the Hawaii Products Preference. I have filled in the table on the following pages as applicable.

B. APPRENTICESHIP PROGRAMS PREFERENCE

In accordance with ACT 17, SLH 2009 – Apprenticeship Program, 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.

C. RECYCLED PRODUCT PREFERENCE

Recycled product preference shall not apply to this proposal.

DESIGNATION OF APPROVED HAWAII PRODUCTS* TO BE USED
***CONSTRUCTION PRODUCTS AND SOIL AMENDMENTS/PRODUCTS**

Product Category	Product Subcategory as applicable	Manufacturer	Cost FOB Jobsite, Unloaded Including Applicable General Excise & Use Taxes (a)	10% (b)	Credit (a) x (b)
Aggregates – Basaltic Termite Barrier		Ameron International Corporation (Oahu)(Maui)	\$		\$
		Pohaku Pa'a dba HC&D LLC (Oahu)	\$		\$
Aggregates and Sand – Basalt, Rock, Cinder, Limestone and Coral		Ameron International Corporation (Oahu)(Maui)	\$		\$
		CTS Earthmoving, Inc. (Hawaii)	\$		\$
		Delta Construction Corporation (Oahu)	\$		\$
		Edwin Deluz Trucking & Gravel LLC (Hawaii)	\$		\$
		Goodfellow Bros, Inc. (All Islands)	\$		\$
		Grace Pacific (Oahu) (Hawaii) (Kauai)	\$		\$
		GW Construction (Hawaii)	\$		\$
		Hawaiian Cement (Oahu) (Maui)	\$		\$
		Jas. W. Glover, Ltd. (Hawaii) (Kauai)	\$		\$
		Kauai Aggregates (Kauai)	\$		\$
		Pohaku Pa'a LLC dba HC&D LLC (Oahu) (Maui)	\$		\$
		Puna Rock Co., LTD. (Hawaii)	\$		\$
		Sanford's Service Center, Inc. (Hawaii)	\$		\$
		Sphere, LLC (Oahu)	\$		\$
		Tileco, Inc. (Oahu) (Hawaii) (Maui) (Kauai)	\$		\$
		Tri-L Construction, Inc. (Molokai)	\$		\$
		West Hawaii Concrete (Hawaii)	\$		\$
		Yamada and Sons, Inc. (Hawaii)	\$		\$
Aggregates – Recycled Asphalt and Concrete		Glover Honsador (Kauai)	\$		\$
		Grace Pacific (Oahu)	\$		\$
		Jas. W. Glover, Ltd. (Hawaii) (Oahu)	\$		\$
		West Oahu Aggregate Co. Inc. (Oahu)	\$		\$

Asphalt and Paving Materials		Ala Imua LLC (Oahu)	\$	\$
		Black Maui Rose LLC (Maui)	\$	\$
		Black Plumeria LLC (Oahu)	\$	\$
		GP Roadway Solutions, Inc. (All Islands)	\$	\$
		Grace Pacific Corporation (Hawaii) (Oahu) (Kauai)	\$	\$
		Halawa Asphalt LLC (Oahu)	\$	\$
		Jas. W. Glover, Ltd. (Hawaii) (Kauai)	\$	\$
		Maui Asphalt X-IV, LLC (Maui) (Molokai)	\$	\$
		Maui Paving LLC (Maui) (Molokai)	\$	\$
		Road and Highway Builders (Oahu)	\$	\$
		Walker-Moody Pavement Products & Equipment (All Islands)	\$	\$
		Yamada and Sons, Inc. dba YS Rock and Con-Agg of Hawaii (Hawaii)	\$	\$
Cement and Concrete Products		Ameron International Corporation (Oahu) (Maui)	\$	\$
		BOMAT, Ltd. (All Islands)	\$	\$
		Glover Honsador (Kauai)	\$	\$
		Hawaiian Cement (Oahu)(Maui)	\$	\$
		Island Ready Mix Concrete, Inc. (Oahu)	\$	\$
		Jas. W. Glover, Ltd. (Hawaii)(Kauai)	\$	\$
		Jensen Enterprises (All Islands)	\$	\$
		Kiewit Infrastructure West Co. (Oahu)	\$	\$
		Kohala Coast Concrete & Precast LLC (Hawaii)	\$	\$
		Pohaku Pa'a LLC dba HC&D LLC (Oahu) (Maui)	\$	\$
		Road and Highway Builders, LLC (Oahu)	\$	\$
		Tri-L Construction, Inc. (Molokai)	\$	\$
		O. Thronas, Inc. (Kauai)	\$	\$
		Tileco, Inc. (Oahu)(Hawaii)(Maui)(Kauai)	\$	\$
		West Hawaii Concrete (Hawaii)	\$	\$
		Yamada and Sons, Inc. (Hawaii)	\$	\$

Precast Concrete Products		Aloha Precast, Inc. (All Islands)	\$		\$
		Ameron International Corporation (Oahu)	\$		\$
		GPRM Prestress LLC (All Islands)	\$		\$
		Hawaii Concrete Products, Inc. (Oahu)	\$		\$
		Hawaii Precast, Inc. (All Islands)	\$		\$
		Kohala Coast Concrete & Precast LLC (Hawaii)	\$		\$
		Ramtek Fabrication Co., Inc. (All Islands)	\$		\$
		Walker Industries, Ltd. (Oahu)(Hawaii)(Maui)(Kauai)	\$		\$
Environmental Sewage – Treatment Innovative System (ESIS)	Septic Tanks	Environmental Waste Management Systems, Inc. (Oahu)(Hawaii)(Maui)(Kauai)	\$		\$
		Ameron International Corporation (Oahu)	\$		\$
		Walker Industries, Ltd. (All Islands)	\$		\$
Hot Dip Galvanizing		Universal Associates, Inc. (Oahu)	\$		\$
Metal Roofing and Flashing – Preformed		HPM Building Supply (All Islands)	\$		\$
Pipes – Aluminum and Galvanized	Pipes – Misc.	Ameron International Corporation (Oahu)	\$		\$
Aluminum Floating Dock – Misc.		Bluewater Marine and Dock Specialties (All Islands)	\$		\$
		High Seas Welding LLC dba JS Marine (All Islands)	\$		\$
Signs – Traffic, Regulatory & Construction		GP Roadway Solutions, Inc. (All Islands)	\$		\$
		Safety Systems and Signs Hawaii, Inc. (All Islands)	\$		\$
Veneer		Big Rock Manufacturing (All Islands)	\$		\$

Soil Amendments, Mulch, Compost		Eko Systems Inc. (Oahu) (Maui) (Hawaii)(Kauai)	\$		\$
		Island Topsoil LLC (All Islands)			
		Kauai Nursery & Landscaping, Inc. (All Islands)	\$		\$
		Molokai Seed Co. (All Islands)	\$		\$
		Sanford's Service Center, Inc. (Hawaii)	\$		\$
Compost Filter		EnviroTech BioSolutions Hawaii, Inc. (All Islands)	\$		\$
		Certified Erosion Control Hawaii LLC (All Islands)	\$		\$
TOTAL FOR AREA 3			\$		\$

PROPOSAL SCHEDULE - AREA 3

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
404.0100	Slurry Seal	50,000	SY	\$ _____	\$ _____
405.0100	Fog Seal	50,000	SY	\$ _____	\$ _____
408.0100	Crack Sealing - Less than 3/8"	5000	Lin Ft	\$ _____	\$ _____
408.0200	Crack Sealing - 3/8" to 3/4", without Routing	5000	Lin Ft	\$ _____	\$ _____
408.0300	Crack Sealing - 3/8" to 3/4", with Routing	5000	Lin Ft	\$ _____	\$ _____
408.0400	Crack Sealing - Less than 3/4"	500	LBS	\$ _____	\$ _____
645.0100	Traffic Control (Interstate Freeway)	1	Lane Mile	\$ _____	\$ _____
645.0200	Traffic Control (State Highway)	1	Lane Mile	\$ _____	\$ _____
645.1000	Electronic Message Board (per day)	1	Each	\$ _____	\$ _____
SUM OF ALL ITEMS - AREA 3					\$ _____

PREFERENCES FOR AREA 4

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. HAWAII PRODUCTS PREFERENCE

It is understood that certain Hawaii Products may be acceptable for use in this project and that, pursuant to Sections 103D-1002, HRS, which provides preference for Hawaii Products, a bidder proposing to use such Hawaii products shall so designate in the schedule provided below.

If a bidder proposes to use Hawaii Products, the bidder must so designate in said schedule by entering the cost of such product in the appropriate space provided. Failure on the part of the bidder to designate the use of Hawaii products will automatically void any preference for that product.

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It is understood by the bidder that if the bidder elects to furnish qualified Hawaii Products, and is awarded the contract, then fails to use such products or meet the requirements of such preference, the bidder shall be subject to the statutory penalties, provided in Section 103D-1002, Hawaii Revised Statute, and such other remedies as may be available to the State.

() Yes, I propose to use Hawaii Products and claim the Hawaii Products Preference. I have filled in the table on the following pages as applicable.

B. APPRENTICESHIP PROGRAMS PREFERENCE

In accordance with ACT 17, SLH 2009 – Apprenticeship Program, 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.

C. RECYCLED PRODUCT PREFERENCE

Recycled product preference shall not apply to this proposal.

DESIGNATION OF APPROVED HAWAII PRODUCTS* TO BE USED
***CONSTRUCTION PRODUCTS AND SOIL AMENDMENTS/PRODUCTS**

Product Category	Product Subcategory as applicable	Manufacturer	Cost FOB Jobsite, Unloaded Including Applicable General Excise & Use Taxes (a)	10% (b)	Credit (a) x (b)
Aggregates – Basaltic Termite Barrier		Ameron International Corporation (Oahu)(Maui)	\$		\$
		Pohaku Pa'a dba HC&D LLC (Oahu)	\$		\$
Aggregates and Sand – Basalt, Rock, Cinder, Limestone and Coral		Ameron International Corporation (Oahu)(Maui)	\$		\$
		CTS Earthmoving, Inc. (Hawaii)	\$		\$
		Delta Construction Corporation (Oahu)	\$		\$
		Edwin Deluz Trucking & Gravel LLC (Hawaii)	\$		\$
		Goodfellow Bros, Inc. (All Islands)	\$		\$
		Grace Pacific (Oahu) (Hawaii) (Kauai)	\$		\$
		GW Construction (Hawaii)	\$		\$
		Hawaiian Cement (Oahu) (Maui)	\$		\$
		Jas. W. Glover, Ltd. (Hawaii) (Kauai)	\$		\$
		Kauai Aggregates (Kauai)	\$		\$
		Pohaku Pa'a LLC dba HC&D LLC (Oahu) (Maui)	\$		\$
		Puna Rock Co., LTD. (Hawaii)	\$		\$
		Sanford's Service Center, Inc. (Hawaii)	\$		\$
		Sphere, LLC (Oahu)	\$		\$
		Tileco, Inc. (Oahu) (Hawaii) (Maui) (Kauai)	\$		\$
		Tri-L Construction, Inc. (Molokai)	\$		\$
		West Hawaii Concrete (Hawaii)	\$		\$
		Yamada and Sons, Inc. (Hawaii)	\$		\$
Aggregates – Recycled Asphalt and Concrete		Glover Honsador (Kauai)	\$		\$
		Grace Pacific (Oahu)	\$		\$
		Jas. W. Glover, Ltd. (Hawaii) (Oahu)	\$		\$
		West Oahu Aggregate Co. Inc. (Oahu)	\$		\$

Asphalt and Paving Materials	Ala Imua LLC (Oahu)	\$	\$
	Black Maui Rose LLC (Maui)	\$	\$
	Black Plumeria LLC (Oahu)	\$	\$
	GP Roadway Solutions, Inc. (All Islands)	\$	\$
	Grace Pacific Corporation (Hawaii) (Oahu) (Kauai)	\$	\$
	Halawa Asphalt LLC (Oahu)	\$	\$
	Jas. W. Glover, Ltd. (Hawaii) (Kauai)	\$	\$
	Maui Asphalt X-IV, LLC (Maui) (Molokai)	\$	\$
	Maui Paving LLC (Maui) (Molokai)	\$	\$
	Road and Highway Builders (Oahu)	\$	\$
	Walker-Moody Pavement Products & Equipment (All Islands)	\$	\$
	Yamada and Sons, Inc. dba YS Rock and Con-Agg of Hawaii (Hawaii)	\$	\$
Cement and Concrete Products	Ameron International Corporation (Oahu) (Maui)	\$	\$
	BOMAT, Ltd. (All Islands)	\$	\$
	Glover Honsador (Kauai)	\$	\$
	Hawaiian Cement (Oahu)(Maui)	\$	\$
	Island Ready Mix Concrete, Inc. (Oahu)	\$	\$
	Jas. W. Glover, Ltd. (Hawaii)(Kauai)	\$	\$
	Jensen Enterprises (All Islands)	\$	\$
	Kiewit Infrastructure West Co. (Oahu)	\$	\$
	Kohala Coast Concrete & Precast LLC (Hawaii)	\$	\$
	Pohaku Pa'a LLC dba HC&D LLC (Oahu) (Maui)	\$	\$
	Road and Highway Builders, LLC (Oahu)	\$	\$
	Tri-L Construction, Inc. (Molokai)	\$	\$
	O. Thronas, Inc. (Kauai)	\$	\$
	Tileco, Inc. (Oahu)(Hawaii)(Maui)(Kauai)	\$	\$
	West Hawaii Concrete (Hawaii)	\$	\$
	Yamada and Sons, Inc. (Hawaii)	\$	\$

Precast Concrete Products		Aloha Precast, Inc. (All Islands)	\$		\$
		Ameron International Corporation (Oahu)	\$		\$
		GPRM Prestress LLC (All Islands)	\$		\$
		Hawaii Concrete Products, Inc. (Oahu)	\$		\$
		Hawaii Precast, Inc. (All Islands)	\$		\$
		Kohala Coast Concrete & Precast LLC (Hawaii)	\$		\$
		Ramtek Fabrication Co., Inc. (All Islands)	\$		\$
		Walker Industries, Ltd. (Oahu)(Hawaii)(Maui)(Kauai)	\$		\$
Environmental Sewage – Treatment Innovative System (ESIS)	Septic Tanks	Environmental Waste Management Systems, Inc. (Oahu)(Hawaii)(Maui)(Kauai)	\$		\$
		Ameron International Corporation (Oahu)	\$		\$
		Walker Industries, Ltd. (All Islands)	\$		\$
Hot Dip Galvanizing		Universal Associates, Inc. (Oahu)	\$		\$
Metal Roofing and Flashing – Preformed		HPM Building Supply (All Islands)	\$		\$
Pipes – Aluminum and Galvanized	Pipes – Misc.	Ameron International Corporation (Oahu)	\$		\$
Aluminum Floating Dock – Misc.		Bluewater Marine and Dock Specialties (All Islands)	\$		\$
		High Seas Welding LLC dba JS Marine (All Islands)	\$		\$
Signs – Traffic, Regulatory & Construction		GP Roadway Solutions, Inc. (All Islands)	\$		\$
		Safety Systems and Signs Hawaii, Inc. (All Islands)	\$		\$
Veneer		Big Rock Manufacturing (All Islands)	\$		\$

Soil Amendments, Mulch, Compost		Eko Systems Inc. (Oahu) (Maui) (Hawaii)(Kauai)	\$		\$
		Island Topsoil LLC (All Islands)			
		Kauai Nursery & Landscaping, Inc. (All Islands)	\$		\$
		Molokai Seed Co. (All Islands)	\$		\$
		Sanford's Service Center, Inc. (Hawaii)	\$		\$
Compost Filter		EnviroTech BioSolutions Hawaii, Inc. (All Islands)	\$		\$
		Certified Erosion Control Hawaii LLC (All Islands)	\$		\$
TOTAL FOR AREA 4			\$		\$

PROPOSAL SCHEDULE - AREA 4

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
404.0100	Slurry Seal	50,000	SY	\$_____	\$_____
405.0100	Fog Seal	50,000	SY	\$_____	\$_____
408.0100	Crack Sealing - Less than 3/8"	5000	Lin Ft	\$_____	\$_____
408.0200	Crack Sealing - 3/8" to 3/4", without Routing	5000	Lin Ft	\$_____	\$_____
408.0300	Crack Sealing - 3/8" to 3/4", with Routing	5000	Lin Ft	\$_____	\$_____
408.0400	Crack Sealing - Less than 3/4"	500	LBS	\$_____	\$_____
645.0100	Traffic Control (Interstate Freeway)	1	Lane Mile	\$_____	\$_____
645.0200	Traffic Control (State Highway)	1	Lane Mile	\$_____	\$_____
645.1000	Electronic Message Board (per day)	1	Each	\$_____	\$_____
SUM OF ALL ITEMS - AREA 4					\$_____

PROPOSAL SCHEDULE - SUMMARY

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
	SUM OF ALL ITEMS - AREA 1				\$ _____
	SUM OF ALL ITEMS - AREA 2				\$ _____
	SUM OF ALL ITEMS - AREA 3				\$ _____
	SUM OF ALL ITEMS - AREA 4				\$ _____

CRACK SEAL REPAIRS AT VARIOUS LOCATIONS

PROJECT NO. HWY-OM-2019-49

PRE-BID MEETING NOTES

MARCH 27, 2019

The following notes are from the Hawaii Department of Transportation (HDOT) pre-bid meeting with prospective bidders for the Crack Seal Repairs at Various Locations project.

The meeting was held at the Kakuhihewa Building in Kapolei, Room 609 at 10:00 am.

A sign-in sheet with the names of the attendees is attached.

All attendees were reminded that since this is an open-ended project, the Contractor's bid security must be in the amount of \$6,250 per area. Bidders shall submit separate bid securities for each area. Contractors can refer to Special Provisions Section 102 for more information.

Questions:

1. Are Federal funds involved in this project?

No.

2. Will Section 102.01 Standard Qualification Questionnaire be required? Under 102.03 the Department may refuse to issue proposal forms to prospective bidders based on items (1-6). If so, is it to be submitted before or after the bid opening date.

This Questionnaire will not be required for this project.

3. How large is the largest asphalt reconstruction allowed under the classification of incidental asphalt patch under Slurry Seal MEASUREMENT 404.04? Including AC patches as incidental in the Slurry Seal unit price will result in skewed pricing of this item. We suggest AC patching be a separate line items with pricing based on a range of quantities excavated/cold planed & Tons of AC placed.

Asphalt reconstruction will not be included in this contract. Special Provisions Section 404.04(E) will be revised.

4. Can traffic control be made a line item? Traffic control could be a major cost in certain areas and minor in others (night vs. day & roadway vs. highway). Estimating this cost as incidental will seriously skew several of the items unit pricing. The skewed prices (where incidental items are included) will not give the Department a true picture of the cost of performing the work.

Traffic Control will be added to contract.

5. Will contractors be required to provide "Builders Risk" insurance? This type of insurance is not regularly required for road work.

Yes, Builders Risk Insurance is required.

6. Will there be a minimum work order amount?

Work is done on an as-needed basis. There is no minimum quantity.

7. Will notices to residents and businesses be required?

Notices by the Contractor to residents and businesses may be required.

8. If required, who will be responsible to prepare and pay for the notices that are posted in the newspaper?

If required, the Contractor is responsible to prepare and pay for the notice.

9. Will a noise variance be required for night work and if so who will be responsible for applying for and getting the variance?

No night work is anticipated, however if there is night work, the HDOT is responsible for the variance and the Contractor is responsible for the noise permit.

10. Will adequate time be allotted for the acquisition of BMP's when required by a work order?

Yes, reasonable time for BMP requirements will be allowed.

11. Per 408.04 and on the proposal sheet(s) Item 408.0400 "Crack Sealing - less than ¾", the pricing is per pound. Will you be paying for the material per pounds (LBS) and the application per lineal foot as separate pricing? Please clarify.

Crack Sealing will be measured either by the foot or per pound, depending on the condition of the work area. The Construction Engineer will decide which measurement to use and when.

12. Applying a "Blotter" to fog seal per Section 405 is not a standard specification for the fog seal application and will require specialized equipment which is not currently available in Hawaii. We suggest eliminating the blotter from the specification as it is unnecessary and will substantially increase the price of this application.

The blotter cannot be eliminated. Blotter is necessary to prevent the sticking of the emulsified asphalt to vehicles after application.

13. Will there be a State or third party inspector?

There will be a State inspector.

14. Will there be work on the Freeways?

Yes.

15. What is the fog seal ratio for the mix?

Dilute emulsified asphalt with water at a rate of one part emulsified asphalt to one part water by volume.

The meeting ended at 10:20 am.

All items discussed at this meeting will be reflected in Addendum No. 1.

**CRACK SEAL REPAIRS
AT VARIOUS LOCATIONS**

PROJECT NO. HWY-OM-2019-49

PRE-BID MEETING

March 27, 2019

10:00 AM

NO.	NAME	COMPANY	PHONE NO.
1	Victor Bargas	Goldwings Supply Service Inc	(808) 833-6020
2	Isaac Fox	Goldwings Supply Service Inc	(808) 833-6020
3	Lyle Moody	Walker-Moody Asphalt	808-839-2781
4	Melvin de Wolf	ALAKONA	808 833-199
5	Max de Wolf	"	"
6	Elisabetta Wilson	"	"
7	Jim Higgins	Seal Pros	808-375-7934
8	Max de Wolf	ALAKONA	808-780-1317
9	Andrea W. Miller	MILLERS PAVING LLC	808-623-0241
10	Geoffrey Long	DC Asphalt Service	478-1965
11	Patrick Inglehurst	DC Asphalt Service	808-671-1934
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