

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ADDENDUM NO. 3

FOR

KAMEHAMEHA V HIGHWAY, KAWELA BRIDGE REPLACEMENT
DISTRICT OF MOLOKAI, ISLAND OF MOLOKAI
FEDERAL-AID PROJECT NO. BR-0450(8)

FY 2011

Amend the bid documents as follows:

A. SPECIAL PROVISIONS

1. Amend **Section 107.10 – Furnishing Right-of-Way** by adding the following after line 279:

“The State DOT has processed Right of Entry Agreements with the following property owners and the Contractor shall comply with terms of the Right of Entry Agreements, including but not limited to, the following:

(A) State of Hawaii – DLNR (Construction Parcel C1)

- (1) The Contractor shall indemnify, defend, and hold harmless the State of Hawaii, Department of Land and Natural Resources (DLNR), from and against all loss, liability, claim or demand for property damage, personal injury, and death arising out of any act or omission of the contractors under this approval or relating to or connected with the granting of this approval.
- (2) The Contractor shall procure, at his/her own cost and expense, and maintain during the entire period of this right-of-entry, from an insurance company or companies licensed to do business in the State of Hawaii, a policy or policies of comprehensive public liability insurance, in an amount acceptable to the DLNR (\$500,000 per incident/\$1,000,000 aggregate) insuring the State of Hawaii against all claims for personal injury, death, and property damage; that said policy shall cover the entire right-of-entry area or premises, including all improvements and grounds and all roadways or sidewalks on or adjacent to the said right-of-entry area or premises in the control or

use by its consultants, contractors and/or persons acting for or on its behalf. The Contractor shall furnish the DLNR with a certificate(s) showing the policy(s) to be initially in force, keep certificate(s) on deposit during the entire permit period and furnish a like certificate(s) upon each renewal of the policy(s). The procuring of this policy shall not release the Contractor and/or persons acting for or on its behalf of its responsibility under this right-of-entry as set forth herein or limit the amount of its liability under this right-of-entry.

- (3) The Contractor shall not cause or permit the escape, disposal or release of any hazardous materials except as permitted by law. The Contractor shall not allow the storage or use of such materials in any manner not sanctioned by law or by the highest standards prevailing in the industry for the storage and use of such materials, nor allow to be brought onto the right-of-entry area or premises any such materials except to use in the ordinary course of the State of Hawaii, Department of Transportation, Highways Division, its consultants, contractors and/or persons acting for or on its behalf business, and then only after written notice is given to the State of Hawaii, DLNR of the identify of such materials and upon the Department's consent which consent may be withheld at the Department's sole and absolute discretion. If any lender or governmental agency shall ever require testing to ascertain whether or not there has been any release of hazardous materials by the State of Hawaii, Department of Transportation, Highways Division, its consultants, contractors and/or persons acting for or on its behalf, then the State of Hawaii, Department of Transportation, Highways Division, its consultants, contractors and/or persons acting for or on its behalf shall be responsible for the cost thereof. In addition, the State of Hawaii, Department of Transportation, Highways Division, its consultants, contractors and/or persons acting for or on its behalf shall execute affidavits, representations and the like from time to time at the Department's request concerning the State of Hawaii, Department of Transportation, Highways Division, its consultants, contractors and/or persons acting for or on its behalf best knowledge and belief regarding the presence of hazardous materials on the right-of-entry area or premises placed or released by the State of Hawaii, Department of Transportation, Highways Division, its consultants, contractors and/or persons acting for or on its behalf.

- (4) The Contractor and/or persons acting for or on its behalf agree to indemnify, defend and hold the State of Hawaii, Department of Land and Natural Resources harmless, from any damages and claims resulting from the release of hazardous materials on the right-of-entry area or premises occurring while the Contractor and/or persons acting for or on its behalf is/are in possession, or elsewhere if caused by the Contractor and/or persons acting for or on its behalf. These covenants shall survive the expiration or earlier termination of this right-of-entry.

For purposes of this right-of-entry, "hazardous material" shall mean any pollutant, toxic substance, hazardous waste, hazardous material, hazardous substance, or oil as defined in or pursuant to the Resource Conservation and Recovery Act, as amended, the Comprehensive Environmental Response, Compensation, and Liability act, as amended, the Federal Clean Water Act, or any other federal, state, or local environmental law, regulation, ordinance, rule, or by-law, whether existing as of the date hereof, previously enforced, or subsequently enacted.

- (5) The Contractor and/or persons acting for or on its behalf shall insure its contractors, in the exercise of this right-of-entry shall comply with all laws, statutes, ordinances, rules and regulations of the Federal, State, and County governments affecting the right-of-entry area.
- (6) In the event any unanticipated sites or remains such as bone or charcoal deposits, human burials, rock or coral alignments, pavings or walls are encountered the Contractor shall stop work and contact the State Historic Preservations Division in Kapolei at (808) 692-8015 immediately.
- (7) The Contractor shall use appropriate precautions and measures to minimize inconveniences to surrounding residents, landowners, lessees and the public in general.
- (8) The Contractor shall keep the right-of-entry area or premises in a strictly clean, sanitary and orderly condition.
- (9) The Contractor shall maintain and employ debris, pollution and contamination control measures, safeguards and techniques to prevent debris, pollution or contamination to the ocean waters, streams or waterways, and shall take immediate corrective action in the event of such pollution or contamination to immediately

remove the cause of such pollution or contamination, and shall immediately clean the right-of-entry area or premises and its surrounding waters of such pollutant or contaminant and restore to the State of Hawaii, Department of Land and Natural Resources satisfaction the areas affected by such pollution or contamination, all at the Contractor's own cost and expense.

- (10) All disputes or questions arising under this right-of-entry shall be referred to the Chairperson of the Board of Land and Natural Resources for a determination and resolution of the dispute or question. The Chairperson's decision shall be final and binding on the parties herein.
- (11) The Department of Land and Natural Resources reserves the right to impose additional, but responsible terms and conditions at any time it deems necessary while this right-of-entry is in force.

(B) Molokai Properties Limited (Easement 1 and Construction Parcel C2)

- (1) The Contractor shall give the property owner 30 days written notice prior to start of construction.
- (2) The Contractor shall permit the Grantor, the County of Maui and utility companies to exercise any existing rights each may have relating to the Property, including but not limited to, access over and through the Property, as long as said exercise of rights, including any exercise of said access rights, does not unreasonably delay or interfere with the Project work.
- (3) The Contractor shall include Grantor as additional insured on the Comprehensive Personal Injury and Property Damage Liability; Automobile Bodily Injury and Property Damage; and Worker's Compensation, that are prescribed by the proposed Project construction contract. Said insurance policies shall also provide a waiver of subrogation in Grantor's favor and coverage for Contractor's completed operations. The Contractor shall provide written verification of compliance in the form of an insurance certificate to the Grantor prior to start of Project construction.
- (4) The Contractor shall execute an agreement whereby the Contractor would indemnify the Grantor against any liability, including all loss, damages, costs, expenses and attorney's fees, for any damage to real or personal property, if any, and including environmental damage, or injury to or death of persons when such damage, injury

or death is caused by the negligence, gross negligence or willful action of the Contractor in the exercise of the rights granted under this Agreement, provided, that the Contractor shall not be obligated to indemnify the Grantor if and to the extent that such damage, injury or death is caused by the negligence of the Grantor, any of the Grantor's officers, employees, agents or representatives.

- (5) Upon the full or partial termination of this Agreement, the Contractor shall remove all equipment or tangible personal property from the Property or such portion thereof not required by the State and shall restore the ground surface only of that portion of the Property to a condition as similar as reasonably possible to that which existed prior to the State's possession of the Property, excepting reasonable wear and tear and any improvements within the Property purchased by the State.

(C) Fred Ronald Parker and Pamela Phoebe Parker (Easement 2 and Construction Parcel C3)

- (1) The Contractor shall give the property owner 30 days written notice prior to start of construction.
- (2) The Contractor shall permit the Grantor, the County of Maui and utility companies to exercise any existing rights each may have relating to the Property, including but not limited to, access over and through the Property, as long as said exercise of rights, including any exercise of said access rights, does not unreasonably delay or interfere with the Project work.
- (3) The Contractor shall restore the Property or such portion thereof which is returned to a condition similar to that which existed prior to the commencement of the Project unless otherwise mutually agreed to in writing by the parties.
- (4) Upon full or partial termination of this Agreement, the Contractor shall remove all equipment or tangible personal property from the Property or such portion thereof not required by the State and shall restore the ground surface only of that portion of the Property to a condition as similar as reasonably possible to that which existed prior to the Contractor's possession of the Property, excepting reasonable wear and tear and any improvements within the Property purchased by the State.
- (5) The Contractor shall include Grantor as additional insured on the

insurance policies (Comprehensive Personal Injury and Property Damage Liability; Automobile Bodily Injury and Property Damage; and Worker's Compensation), that are prescribed by the proposed Project construction contract. Said insurance policies shall also provide a waiver of subrogation in Grantor's favor and coverage for Contractor's completed operations. The Contractor shall provide written verification of compliance in the form of an insurance certificate to the Grantor prior to start of Project construction.

- (6) The Contractor shall execute an agreement whereby the Contractor would indemnify the Grantor against any liability, including all loss, damages, costs, expenses and attorney's fees, for any damage to real or personal property, if any, and including environmental damage, or injury to or death of persons when such damage, injury or death is caused by the negligence, gross negligence or willful action of the Contractor in the exercise of the rights granted under this Agreement, provided, that the Contractor shall not be obligated to indemnify the Grantor if and to the extent that such damage, injury or death is caused by the negligence of the Grantor, any of the Grantor's officers, employees, agents or representatives."

2. Add attached Page 107-2a dated 04/18/11.

3. Amend **Section 509.04 - Preconstruction Requirements**, Paragraph B (Experience Information), Item 1 by adding the following after Line 71:

"For a project to count as experience, all of the micropiles must have included casings that extended down to the bottom of the hole and then was retracted above the bonded zone during or following the tremied concrete placement, similar to the down-the-hole hammer assembly method. Projects where the micropiles were grouted while the casing or inner reinforcement was advanced downward is not acceptable as experience."

4. Amend **Section 509.05 - Materials**, Paragraph E (Permanent Casing) by deleting the following two sentences beginning on Line 125:

"No splicing or joints of the casing shall occur in the upper 35'. All splice joints shall be capable of developing the moment capacity of the gross section of casing."

5. Amend **624.05 - Payment** from line 594 to line 596 to read as follows:

“Pay Item	Pay Unit
Temporary 2-inch Waterline	Lump Sum
8-inch Waterline System (WL “A” Sta. 0+00 to Sta. 1+19)	Lump Sum
8-inch Waterline System (WL “A” Sta. 1+19 to Sta. 2+40)	Lump Sum
8-inch Waterline System (WL “A” Sta. 2+40 to End)	Lump Sum
Type “A” Water Lateral Service	Lump Sum
Type “B” Water Lateral Service	Lump Sum”

B. PLANS

1. Replace Plan Sheet Nos. 66, 67, 68, and 69 with the attached Plan Sheet Nos. ADD. 66, ADD. 67, ADD. 68, and ADD. 69

ADD. 66 (Details 1 and 2), ADD. 67 (Detail 1), and ADD. 68 (all details) - revises the length and thickness of both wingwalls and the related abutment dimensions.

ADD. 69 - deleted the original Note 4, which specified that the upper 35 ft. of the micropile casings shall be continuous with no splices.

C. PROPOSAL SCHEDULE

Replace Pages P-8 through P-13 dated 01/04/11 with the attached Pages P-8 through P-13 dated 04/18/11.

D. PRE-BID MEETING

Attached are the April 12, 2011 Pre-Bid Meeting Summary, Handout, and Attendance Sheet.

E. REQUESTS FOR INFORMATION AND RESPONSES

1. Please indicate what work is included in item 203.0200 - Borrow Excavated Material?

Response: Item 203.0200 includes all borrow material required in order to meet the proposed roadway grading for Kamehameha V Highway and the Detour Road.

2. Please define the limits of excavation between item 203.0300 – Stream Embankment Excavation and item 205.500 – Structure Excavation for Channel Liner? This is important because one item is unit price and the other is lump sum.

Response: The limits of excavation for each pay item are listed as follows:

Item 203.0300 – Cost for widening channel. The limits of the widening extend from the north end of project to the south end where the widened channel embankments flare inward to meet the existing channel embankments. This item includes the area of embankment fronting each abutment but does not include the Structure Excavation for Abutment as shown on Sht. 65. This pay item does not include the channel invert excavation for the channel slab.

Item 204.0100 – See revised Proposal Schedule dated r04/18/11.

Item 204.0200 – See revised Proposal Schedule dated r04/18/11.

Item 205.1000 – After the channel is widened and the channel invert is excavated to the proper depth for the channel slab, additional over-excavation is required for the CRM channel walls, as shown on Sheet 70.

Item 205.2000 – Structure Excavation for Abutment is as shown on Sheet 65.

Item 205.3000 – See Sheet 81.

Item 205.4000 – See Sheet 70.

Item 205.5000 – See Sheets 70, 71, and 72. This item includes the cost to prepare the channel invert for the aggregate base and channel liner slab. It also includes the cost for the channel excavation beneath the bridge

3. Are there any specs for the shore rock protection fabric, type A?

Response: Shore Rock Protection – Fabric Type A, the Contractor may use a geotextile fabric to keep fines from migrating through. Refer to Section 716.07 of the Standard Specifications.

4. For the barrier along the detour road, may a triton barrier be substituted for the portable concrete barrier as specified?

Response: A Triton barrier will not be allowed for substitution in lieu of the portable concrete barrier. Because of the proximity of the portable barriers to the edge of the detour road embankment, the barriers will have to be pinned to the pavement.

Water-filled barriers are not designed to be pinned to the pavement.

5. In regards to the contractor qualification for the micropiles. We are a licensed contractor in the State of Hawaii, however we do not have the qualification experience for the installation of the micropiles. However, a sister company within our organization can meet the 5 year qualification requirements but does not have a State of Hawaii Contractors license. Would this arrangement meet the qualifications that the State of Hawaii desires?

Response: If the Contractor uses their sister company from the mainland, but under the umbrella of the Hawaii company, that would be fine. However, the driller and supervisor would need to be from the sister company.

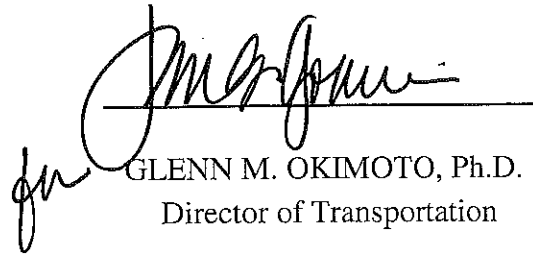
6. Will Section 503.03 (M)(3)(a)1. - Machine Finishing apply to the Kawela Bridge Deck? You can find the spec on page 503-25 of DOT Standard Specs.

Response: Finish bridge decks and approach slabs with concrete wearing surfaces in accordance with Subsection 503.03(M)(3)(a)1. – Machine Finishing. Manual Finishing may be used only for hand-operated float boards and transverse finishing, as specified Subsection 503.03(M)(3)(a)1. – Machine Finishing. The Manual Finishing shall not replace the use of Machine Finishing for strike off and finishing.

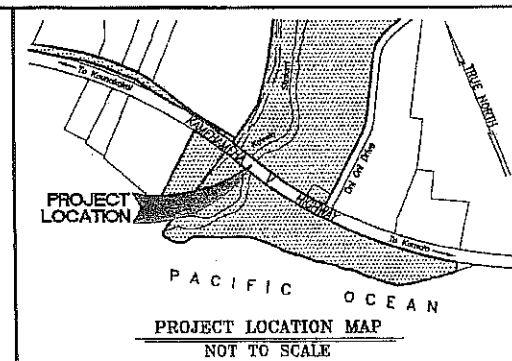
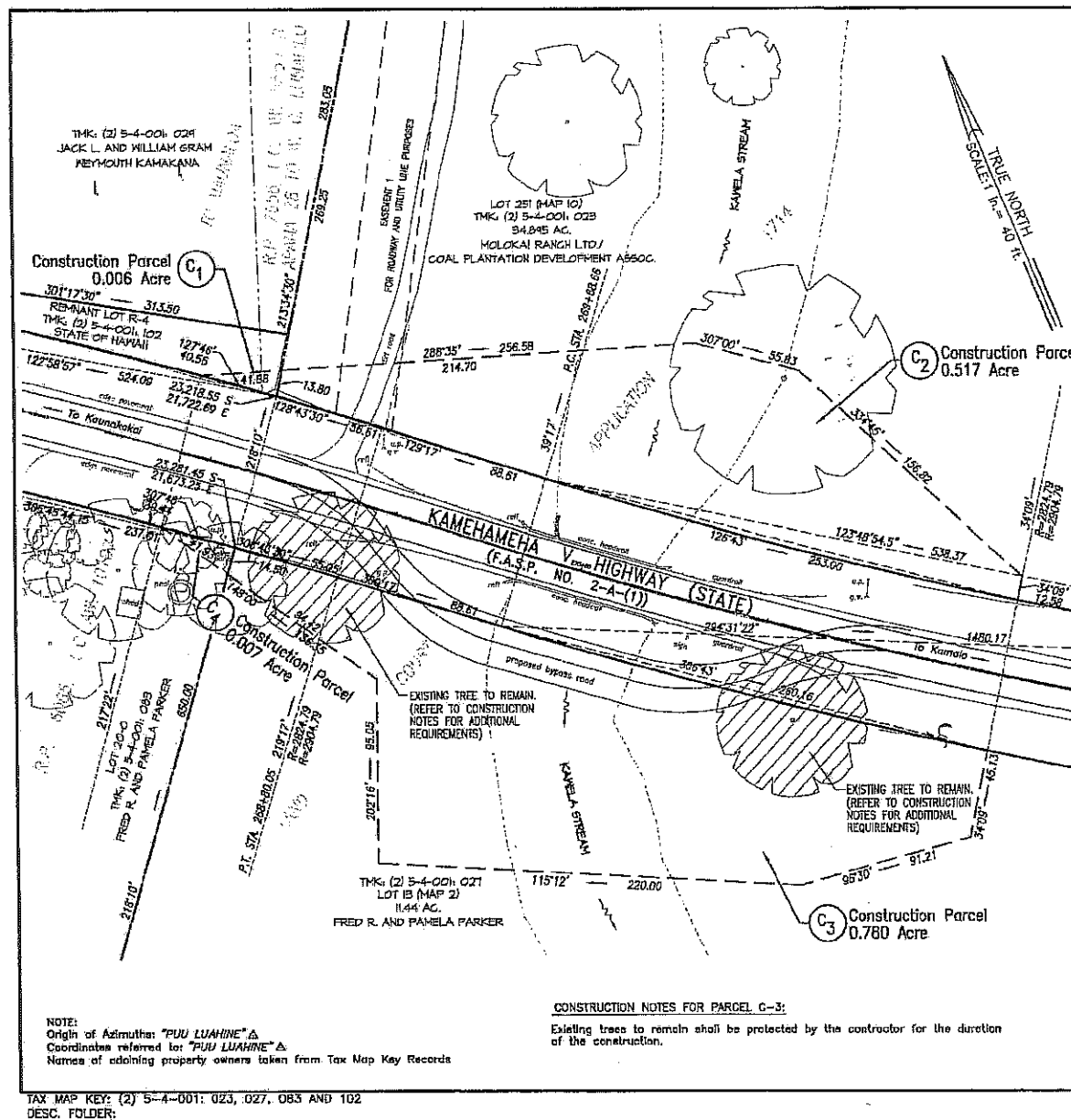
7. Proposal Schedule Item No. 509.0300 Production Micropiles. Proposal Schedule Item No. 509.0300 Production Micropiles. The bid item combines the bonded length and the unbonded length of the micropiles. Previous projects have separated the bonded and unbonded lengths into separate bid items. It is possible that either the bonded length or the unbonded length may increase. The unit cost for the unbonded length and the bonded length will vary significantly due to factors such as harder drilling through basalt, difference in concrete quantity evaluation, and casing buy. We ask that this bid item be separated into bonded lengths and unbonded lengths so that the micropile work may be evaluated and paid for appropriately.

Response: It is highly unlikely that we would need to increase the embedment in the boulder layer. If anything, we would need to increase the depth only if the thickness of the sand is greater than anticipated. In that case, the Contractor would have an easy time with the drilling. We would not need to increase the permanent casing depth, as the permanent casing is not needed. That being said, there is no need to separate the section within the sand, and the section within the boulder layer. If the average cost per lineal foot is used, the cost will be conservative for the potential increase in the length within the sand layer.

Please acknowledge receipt of Addendum No. 1, 2, and 3 by recording the date of its receipt in the space provided on Page P-4 of the Proposal.



GLENN M. OKIMOTO, Ph.D.
Director of Transportation



OWNER, LOTS 13 AND 20-C: FRED AND PAMELA PARKER
963 NEWPORT ROAD
UTICA, NEW YORK 13502-7913 R001

OWNER LOT 251: MOLOKAI RANCH LTD./
KAWELA PLANTATION DEVELOPMENT ASSOCIATION
P.O. BOX 259
MAUNALOA, HAWAII 96770-0259 B003

OWNER REMNANT LOT R-4: STATE OF HAWAII

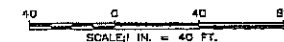
AUSTIN, TSUTSUMI, & ASSOCIATES INC.
1871 WIL PA LOOP, SUITE A
WAILUKU, MAUI, HI 96793

THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

ERIK S. KANESHIRO
LICENSED PROFESSIONAL LAND SURVEYOR
CERTIFICATE No. 9828

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
KAMEHAMEHA V HIGHWAY
KAWELA BRIDGE REPLACEMENT
M.P. 5.110 TO M.P. 5.118
DISTRICT OF MOLOKAI
FEDERAL AID PROJECT NO. BR-0450(8)
MAP SHOWING CONSTRUCTION PARCEL
AT KAWELA, MOLOKAI, HAWAII

MARCH 25, 2008



TRACED BY:
CHECKED BY:

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
201.0100	Clearing and Grubbing	LS	LS	LS	\$
202.0100	Removal of Temporary Detour Road	LS	LS	LS	\$
202.0200	Removal of Fence and Posts, Guardrail and Posts, Signs and Posts, and 2-inch Waterline	LS	LS	LS	\$
202.0440	Removal of Existing Bridge	LS	LS	LS	\$
203.0100	Roadway Excavation	1,601	CY	\$	\$
203.0200	Borrow Excavated Material	900	CY	\$	\$
203.0300	Stream Embankment Excavation	805	CY	\$	\$
204.0110	Trench Excavation for Waterline (WL "A" Sta. 0+00 to Sta. 1+19)	LS	LS	LS	\$
204.0120	Trench Excavation for Waterline (WL "A" Sta. 1+19 to Sta. 2+40)	LS	LS	LS	\$
204.0130	Trench Excavation for Waterline (WL "A" Sta. 2+40 to End)	LS	LS	LS	\$
204.0140	Trench Excavation for Water Lateral Service	LS	LS	LS	\$
204.0210	Trench Backfill for Waterline (WL "A" Sta. 0+00 to Sta. 1+19)	LS	LS	LS	\$
204.0220	Trench Backfill for Waterline (WL "A" Sta. 1+19 to Sta. 2+40)	LS	LS	LS	\$
204.0230	Trench Backfill for Waterline (WL "A" Sta. 2+40 to End)	LS	LS	LS	\$
204.0240	Trench Backfill for Water Lateral Service	LS	LS	LS	\$
205.1000	Structure Excavation for CRM Retaining Walls	LS	LS	LS	\$

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
205.2000	Structure Excavation for Bridge Abutments	LS	LS	LS	\$
205.3000	Structure Excavation for Approach Slabs	LS	LS	LS	\$
205.4000	Structure Excavation for Access Ramps	LS	LS	LS	\$
205.5000	Structure Excavation for Channel Liner	LS	LS	LS	\$
205.6000	Structure Backfill for Bridge Abutments and Retaining Walls	LS	LS	LS	\$
205.7202	Filter Material	LS	LS	LS	\$
206.0100	Excavation for Drainage System	LS	LS	LS	\$
209.1000	Installation, Maintenance, Monitoring, and Removal of BMP	LS	LS	LS	\$
209.1100	Additional Water Pollution, Dust, and Erosion Control	FA	FA	FA	\$ 100,000
209.2000	Dewatering System	LS	LS	LS	\$
212.1000	Archaeological Monitoring	FA	FA	FA	\$ 25,000
304.0100	Aggregate Base	LS	LS	LS	\$
305.0100	Aggregate Subbase	LS	LS	LS	\$
312.0100	Hot Mix Glassphalt Base Course	LS	LS	LS	\$
401.0100	HMA Pavement, Mix No. IV	LS	LS	LS	\$
501.1000	Structural Steel for Bollards	LS	LS	LS	\$
501.2000	Structural Steel for Cattle Gates	LS	LS	LS	\$

Addendum No. 3

Project No. BR-0450(8)

r04/18/11

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PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
503.1090	Concrete for Bridge Abutments	LS	LS	LS	\$
503.1091	Concrete for Abutment Pile Caps	LS	LS	LS	\$
503.1092	Concrete for Bridge Deck	LS	LS	LS	\$
503.1093	Concrete for Bridge Approach Slabs	LS	LS	LS	\$
503.1094	Concrete for Channel Liner	LS	LS	LS	\$
503.1095	Concrete for Access Ramps	LS	LS	LS	\$
503.1096	Concrete for Reaction Blocks and Jackets	LS	LS	LS	\$
504.7400	Prestressed Concrete Planks	LS	LS	LS	\$
507.1501	Metal Railing	LS	LS	LS	\$
507.7000	Concrete Bridge End Posts	LS	LS	LS	\$
507.7100	Concrete Bridge Railing	LS	LS	LS	\$
508.0100	Cement Rubble Masonry	LS	LS	LS	\$
509.0100	Furnishing Micropile Drilling Equipment	LS	LS	LS	\$
509.0200	Preproduction Micropile	LS	LS	LS	\$
509.0300	Production Micropiles	2,700	LF	\$	\$
509.0820	Verification Testing	LS	LS	LS	\$
509.0830	Proof Testing	LS	LS	LS	\$

Addendum No. 3

Project No. BR-0450(8)

r04/18/11

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PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
603.0100	Bed Course Material for Culverts	LS	LS	LS	\$
603.0200	Bed Course Material for 18-inch Drain Pipe	LS	LS	LS	\$
603.1006	18-Inch Reinforced Concrete Pipe, Class III or 18-Inch High Density Polyethylene Pipe, Type S	LS	LS	LS	\$
603.1054	42-Inch Reinforced Concrete Pipe, Class IV, or 42-Inch High Density Polyethylene Pipe, Type S	LS	LS	LS	\$
604.2330	Type 61614P Grated Drop Inlet (3.00 feet to 3.99 feet)	4	EA	\$	\$
606.0100	Guardrail Type W-Beam	LS	LS	LS	\$
606.0200	Terminal Section Type TL-2	LS	LS	LS	\$
606.0300	Terminal Section Type W-Beam (Rounded)	LS	LS	LS	\$
606.0400	Transition Section Type 3 Thrie Beam	LS	LS	LS	\$
612.0100	Grouted Rubble Paving	LS	LS	LS	\$
616.0100	Temporary Irrigation System	LS	LS	LS	\$
619.1000	Monkeypod [Samanea saman] 2- 2 1/2-inches caliper	LS	LS	LS	\$
619.2000	Anapanapa [Colubrina asiatica] 3' O.C. - 3 Gallon container	LS	LS	LS	\$
624.0100	Temporary 2-inch Waterline	LS	LS	LS	\$
624.0210	8-inch Waterline System (WL "A" Sta. 0+00 to 1+19)	LS	LS	LS	\$
624.0220	8-inch Waterline System (WL "A" Sta. 1+19 to 2+40)	LS	LS	LS	\$

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
624.0230	8-inch Waterline System (WL "A" Sta. 2+40 to End)	LS	LS	LS	\$
624.0240	Type "A" and "B" Water Lateral Service	LS	LS	LS	\$
626.0100	Type "F" Manhole, 3.00 feet to 3.99 feet	LS	LS	LS	\$
629.1010	4-Inch Pavement Striping (White)	LS	LS	LS	\$
629.1011	4-Inch Pavement Striping (Double Yellow)	LS	LS	LS	\$
629.2010	Type "A" Pavement Marker	LS	LS	LS	\$
629.2020	Type "C" Pavement Marker	LS	LS	LS	\$
629.2030	Type "D" Pavement Marker	LS	LS	LS	\$
629.2040	Type "DB" Pavement Marker	LS	LS	LS	\$
632.8100	Reflector Marker (RM-4)	LS	LS	LS	\$
632.9100	Type III Object Marker	LS	LS	LS	\$
638.0100	8-1/2" Curb for New Guardrail	LS	LS	LS	\$
645.0100	Traffic Control	LS	LS	LS	\$
645.0200	Additional Police Officers, Additional Traffic Control Devices, and Advertisement	FA	FA	FA	\$ 10,000
648.0000	Field Posted Drawings	LS	LS	LS	\$
655.0100	Dumped Riprap	LS	LS	LS	\$

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
665.0000	Invasive Species Management	LS	LS	LS	\$ _____
696.0100	Maintenance of Trailers	FA	FA	FA	\$ 15,000
696.0200	Field Office Trailer (Not to Exceed \$32,000.00)	LS	LS	LS	\$ _____
696.0300	Project Site Laboratory Trailer (Not to Exceed \$22,000.00)	LS	LS	LS	\$ _____
699.0100	Mobilization (Not to exceed 10 percent of the sum of all items excluding bid price of this item and force account items)	LS	LS	LS	\$ _____
a. Sum of All Items				\$ _____	
b. Either Furnish Foreign Steel Not to Exceed Minimal Amount (Fill in "0") or Furnish Foreign Steel in Excess of Minimal Amount (Fill in 25% x a)				\$ _____	
c. Amount for Comparison of Bids (a+b)				\$ _____	
All bidders must fill in b and complete c					
Note: Bidders must complete all bid items. Failure to do so may be grounds for rejection of bid.					

PRE-BID MEETING SUMMARY
FOR
KAMEHAMEHA V HIGHWAY
KAWELA BRIDGE REPLACEMENT
DISTRICT OF MOLOKAI, ISLAND OF MOLOKAI
FEDERAL-AID PROJECT NO. BR-0450(8)

9:30 A.M. April 12, 2011
State of Hawaii, Department of Transportation
601 Kamokila Boulevard
Conference Room 282
Kapolei, Hawaii 96707

Vince Llorin, Project Manager, opened the meeting at 9:34 A.M. A Pre-Bid Meeting Agenda handout was distributed and read. The meeting was opened for questions and answers. The attendees were reminded that all answers will be finalized in a meeting summary to be issued via an addendum to all bidders.

Question: Are there any as-built bridge plans of existing bridge available?
Response: No, as-built drawings are not available.

Question: What are the stream flow characteristics?
Response: Kawela Stream is normally dry except for during and after rainfalls. There are small areas of ponding in the stream channel year round. MHHW elevation may reach the downstream end of the bridge.

Question: Is there contact information available for the landowners?
Response: Contact information for the landowners will be provided at the pre-construction meeting.

Question: The concrete hatching in the structural drawings is very dark and hard to read. Are pdf files of the structural drawings available?
Response: Yes, all structural plans, in pdf format, are available at the following ftp site:
<https://www.adrive.com/public/204a8ab5355254716eb10a9776eb281a917592f4bcad7dcd596fb5de39778da7.html>

Question: How are the micropile reinforcing bars to be spliced?
Response: Special Provision Section 509.06 (F) specifies the following requirements for the splicing of the micropile reinforcing steel: "Reinforcing steel shall only be spliced with mechanical couplers specifically manufactured for splicing epoxy coated bars and capable of achieving the full ultimate strength of the bar. The coupler shall also be corrosion resistant."

PRE-BID MEETING HANDOUT

Date: April 12, 2011

Project: Kamehameha V Highway
Kawela Bridge Replacement
District of Molokai
Island of Molokai
Federal Aid Project No. BR-0450(8)

Subject: Pre-Bid Meeting Handout

Location: State of Hawaii, Department of Transportation
601 Kamokila Boulevard
Conference Room 282
Kapolei, Hawaii 96707

Time: 9:30 A.M.

Pre-Bid Meeting Handout

- 1) Sign-in and Introductions
- 2) Scope of Work
 - a. Construction of Temporary Detour Road
 - b. Demolition and Removal of Existing Bridge
 - c. Temporary Relocation of Overhead Utility Lines (by others)
 - d. Extension of Existing 8 inch Waterline Beneath Stream Channel
 - e. Stream Channel Excavation and Construction of New Channel Liner
 - f. Construction of New Bridge
 - g. Stream Channel and Embankment Reinforcement
 - h. Stream Access Ramps
 - i. Highway Improvements

Pre-Bid Meeting Handout (Cont.)

3) Addendums

- a. Addendum No. 1 – Delayed Bid Date Until 2 P.M., April 28, 2011.

4) RFI'S

- a. Requests for Information (RFIs) shall not be submitted after April 21, 2011 (one week prior to bid opening). All RFI's shall be submitted in writing via email to vincent.llorin@hawaii.gov and mike@kaihawaii.com.

5) Permits

- a. NPDES Permit
 - i. Construction related activities, hydrotesting, and dewatering
 - ii. Satisfy all site specific BMP's
- b. Section 401 WQC
 - i. Provide access for DOT representative for conducting pre-construction, during construction, and post-construction water quality testing as shown in Applicable Monitoring and Assessment Program (AMAP)
- c. Department of Army 404 Permit
- d. SMA Permit
 - i. Contingency plan for washout of temporary detour road
- e. CDUA Permit
 - i. Comply with all applicable Department of Health administrative rules.
 - ii. Do not impede exercise of traditional or religious practices in the immediate area.
 - iii. Restore land to original condition, or as specified in the project plans and specifications.
- f) SCAP Permit
 - i. Plant or cover lands as possible to prevent erosion.
 - ii. Stop work and contact the Engineer immediately if cultural remains such as artifacts, burials or deposits of shells or charcoal are encountered during excavation work.

- 6) Please be advised that the aggregate on Molokai has always had a problem meeting DOT gradation requirements. The previous Kawaikapu Bridge replacement project ended up shipping in all of their aggregates. This is a federal aid project where all materials will have to strictly pass specification requirements or it will be rejected.

Pre-Bid Meeting Handout (Cont.)

- 7) Considering the remoteness of Molokai and the difficulty you will encounter in delivering certain materials and equipment, you are requested to double check with your intended concrete supplier as to their capability to be able to produce and deliver the size of pours expected.
- 8) Landowners
 - a. Privacy/dust screen priority
- 9) Questions/Discussion

Kamehameha V Highway
Kawela Bridge Replacement
District of Molokai
Island of Molokai
Federal Aid Project No. BR-0450(8)
Pre-Bid Meeting Sign-In Sheet
April 12, 2011

NAME	COMPANY	PHONE	EMAIL
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Sheet 1 of 1