

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

**ADDENDUM NO. 1  
for  
KALAE HIGHWAY RESURFACING  
MAUNALOA HIGHWAY TO KALAUPAPA LOOKOUT  
PROJECT NO. 470A-01-16M**

The following amendments shall be made to the Bid Documents:

**A. SPECIFICATIONS**

Delete Section 408 – Crack Seal from the Special Provisions.

**B. PROPOSAL**

Replace Pages P-11 through P-14 dated 05/02/17 with the attached Pages P-11 through P-14 dated 05/26/17.

**C. PLANS**

1. Revise Plan Sheet No. 3 by deleting General Note 10.
2. Replace Plan Sheet Nos. 12, 16, 19, 21, 22, 23, 24, 25, and 26 with the attached Plan Sheet Nos. ADD. 12, ADD. 16, ADD. 19, ADD. 21, ADD. 22, ADD. 23, ADD. 24, ADD. 25, and ADD. 26.

**D. PRE-BID MEETING MINUTES**

Meeting minutes are attached for information and shall include a list of attendees.

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.

  
FORD N. FUCHIGAMI  
Director of Transportation

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
209.0100	Installation, Maintenance, Monitoring and Removal of BMP	L.S.	L.S.	L.S.	\$ _____
209.0200	Additional Water Pollution, Dust, and Erosion Control	F.A.	F.A.	F.A.	\$ <u>25,000.00</u>
301.0100	Hot Mix Asphalt Base (HMAB) Course	900	TON	\$ _____	\$ _____
401.0100	Hot Mix Asphalt (HMA) Pavement, Mix No. IV	15,000	TON	\$ _____	\$ _____
401.0110	Hot Mix Asphalt (HMA) Pavement, Mix No. IV, Under and Behind Guardrail and Post and Beyond End Terminals	250	TON	\$ _____	\$ _____
413.0100	Longitudinal Joint Stabilizer	86,000	S.F.	\$ _____	\$ _____
414.0100	Excavation of Weakened Pavement Areas	440	C.Y.	\$ _____	\$ _____
415.0100	Cold Planing	131,500	S.Y.	\$ _____	\$ _____
603.2200	Clean Existing Culverts	F.A.	F.A.	F.A.	\$ <u>100,000.00</u>
604.0100	Adjusting Water Manhole Cast Iron Frame and Cover	6	EA	\$ _____	\$ _____
604.0110	Adjusting Water Valve Cast Iron Frame and Cover	10	EA	\$ _____	\$ _____
613.0300	Adjusting Centerline and Reference Survey Monuments	34	EA	\$ _____	\$ _____
615.0100	Centerline Milled Rumble Strip	L.S.	L.S.	L.S.	\$ _____

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.0310	4 - Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion) (White)	L.S.	L.S.	L.S.	\$ _____
629.0320	4 - Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion) (Yellow)	L.S.	L.S.	L.S.	\$ _____
629.0330	Double 4 - Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion) (Yellow)	L.S.	L.S.	L.S.	\$ _____
629.0340	12 - Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion) (White)	L.S.	L.S.	L.S.	\$ _____
629.0410	Crosswalk Marking (Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.0810	Type "C" Pavement Marker	L.S.	L.S.	L.S.	\$ _____
629.0820	Type "D" Pavement Marker	L.S.	L.S.	L.S.	\$ _____
629.0830	Type "F" Pavement Marker	L.S.	L.S.	L.S.	\$ _____
629.0840	Type "H" Pavement Marker	L.S.	L.S.	L.S.	\$ _____
629.0850	Type "J" Pavement Marker	L.S.	L.S.	L.S.	\$ _____
630.0100	Panel for Destination Sign	64	S.F.	\$ _____	\$ _____
630.0510	Type "A" Route Marker Assembly	L.S.	L.S.	L.S.	\$ _____
630.0520	Type "B" Route Marker Assembly	L.S.	L.S.	L.S.	\$ _____

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
630.0800	Street Name Sign	L.S.	L.S.	L.S.	\$ _____
630.1200	2.50 Inch Galvanized Square Tube Post for Destination Sign	L.S.	L.S.	L.S.	\$ _____
631.0100	Regulatory Sign (10 Sq. Ft. or Less)	L.S.	L.S.	L.S.	\$ _____
631.0300	Warning Sign (10 Sq. Ft. or Less)	L.S.	L.S.	L.S.	\$ _____
631.0600	Miscellaneous Sign (10 Sq. Ft. of Less)	L.S.	L.S.	L.S.	\$ _____
631.0610	Miscellaneous Sign (Greater than 10 Sq. Ft.)	L.S.	L.S.	L.S.	\$ _____
631.0710	Construction Sign	L.S.	L.S.	L.S.	\$ _____
632.0120	Reflector Marker (RM-2) with Steel Post	L.S.	L.S.	L.S.	\$ _____
632.0121	Reflector Marker (RM-2) with Flexible Post	L.S.	L.S.	L.S.	\$ _____
632.0130	Reflector Marker (RM-3) with Steel Post	L.S.	L.S.	L.S.	\$ _____
632.0131	Reflector Marker (RM-3) with Flexible Post	L.S.	L.S.	L.S.	\$ _____
632.0131	Reflector Marker (RM-3) without Post	L.S.	L.S.	L.S.	\$ _____
632.0150	Reflector Marker (RM-5) on Existing Guardrail	L.S.	L.S.	L.S.	\$ _____

ADDENDUM NO. 1  
470A-01-16M  
r05/26/17  
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PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
632.0300	Milepost Marker and Supplemental Route Number Plate with Post (Bi-Directional)	L.S.	L.S.	L.S.	\$ _____
632.0410	Type II Object Marker	L.S.	L.S.	L.S.	\$ _____
643.0100	Maintenance of Existing Landscape Areas	F.A.	F.A.	F.A.	\$ <u>50,000.00</u>
645.0100	Traffic Control	L.S.	L.S.	L.S.	\$ _____
645.0200	Additional Police Officers, Additional Traffic Control Devices and Advertisement	F.A.	F.A.	F.A.	\$ <u>25,000.00</u>
648.0100	Field-Posted Drawings	L.S.	L.S.	L.S.	\$ _____
699.0100	Mobilization (Not to Exceed 6 percent of the Sum of All Items Excluding the Bid Price of this Item)	L.S.	L.S.	L.S.	\$ _____
SUM OF ALL ITEMS					\$ _____
NOTE: Bidders must complete all unit prices. Failure to do so may be grounds for rejection of bid.					

**PRE-BID MEETING  
MINUTES  
AND REQUESTS FOR INFORMATION (RFI)**

**FOR**

**KALAE HIGHWAY RESURFACING  
MAUNALOA HIGHWAY TO KALAUPAPA LOOKOUT  
PROJECT NO. 470A-01-16M  
DISTRICT OF MOLOKAI  
ISLAND OF MOLOKAI**

**Location:** Maui District Office Conference Room  
**Date:** Wednesday, May 24, 2017  
**Time:** 9:00 AM

**A. Introduction – Meeting began at 9:00 AM**

1. Attendees: See attached sign in sheet
2. Purpose of the meeting was to discuss/answer any questions or concerns that the contractors may have regarding the bid documents.

**B. Discussions/Questions (HDOT responses are included under each question)**

- Question regarding adding specific excavation width for reconstruction areas in bid documents.
  - o Dimensions and locations of reconstruction areas shall be determined in the field by the Engineer after pavement is coldplaned.
- Question regarding whether State will specify where to store removed coldplaned material. Suggestion was made to store at the quarry.
  - o Removal of material shall be as specified in Subsection 201.03(F) in the Standard Specifications.
- Question regarding the replacement of Type A and J pavement markers with thermoplastic striping.
  - o Because State has not adapted this as Standard, pavement marking and striping items to remain as shown in the bid documents.
- Question regarding including street name signs on the plans. Side streets are labeled but no street name signs shown at intersections, although it's included in the proposal.
  - o Street names signs will be added to plans through an addendum.

- Question regarding how to differentiate between Street Survey Monuments versus Centerline Survey Monuments on the plans.
  - o State confirms that all monuments shown are centerline survey monuments. Changes will be reflected through an addendum.
- Question regarding using steel post for RM-3 reflector markers instead of flexible as stated in the Proposal. Based on request made by District's Maintenance Supervisor on previous projects.
  - o If reflector marker is protected behind guardrail, OK to use steel post, otherwise, reflector markers exposed to traffic must be mounted on flexible post. Additional items to add both flexible and steel posts will be included in proposal through an addendum.
- Question regarding the standard detail for concrete collar around water manholes and water valves and whether rebar is required.
  - o Contractor shall verify and construct collar per utility agencies' standard details.
- Question regarding Type II object markers being included on the proposal but not clear on the plans.
  - o State pointed out that an object marker symbol was added in the plan legends and are included throughout the plans.
- Question regarding location of crack seal areas.
  - o Because project scope includes coldplaning the existing roadway surface, crack seal will not be required. Crack seal to be deleted from project through an addendum.
- Question on whether to specify drain inlets and swales to be cleaned along with culverts.
  - o Cleaning of culverts also includes cleaning of adjoining drainage structures within project limits, which include storm drain inlets, swales and other existing drainage structures.

**C. Meeting adjourned at 9:40 AM**

**D. RFIs (Submitted through email)**

- Per Note 13 on Plan Sheet 3 (General Notes and Legend), the limits of reconstruction will be determined in the field by an engineer through inspection after the contractor has cold planed existing pavement. Please advise depth of existing asphalt pavement on this road. If the contractor exposes base course, he is obligated to cover the exposed area that day; given the unknown reconstruction limits, how is the Contractor to derive a production rate for cold planning and /or paving.
  - o Excavation depths specified on Plan Sheet 8, with references to stationing and milepost limits, were based on as-built data from previous paving projects with the intention to not expose untreated base course. Location and dimensions of reconstruction areas are more precise after coldplaning and exposing the underlying surface, hence the note that determination to be made in the field.

- Please describe what is the basis will be in determining if the road will be crack-filled versus reconstructed.
  - o Crack seal item to be deleted from project.
- Per Note 10 on Plan Sheet 3 (General Notes and Legend), the contractor shall not leave more than a 1-1/2" drop off at the edge of pavement. Request to revise this drop-off to 2", as that is the cold planning required for this project.
  - o Per Standard Specification subsection 415.03(B), where roadway is open to traffic, at the end of each day, tapered transitions shall be constructed at longitudinal and transverse pavement drop-offs. Refer to specifications for more detail. Note shall be deleted so as not to contradict specifications.



# SIGN IN SHEET - PRE-BID MEETING

Thursday, May 24, 2017 @ 9:00 A.M.  
Maui District Office

Kalae Highway Resurfacing.  
Maunaloa Highway To Kalaupapa Lookout

Project No.470A-01-16M

NAME	COMPANY	PH. NO./FAX	E-MAIL
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