

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

ADDENDUM NO. (1)

For

**Hana Highway Resurfacing
Vicinity of Honomanu Bridge to Waikani Bridge**

PROJECT NO. 360AB-01-11M

DISTRICT OF HANA

ISLAND OF MAUI

FY 2011

The following amendments shall be made to the Bid Documents:

A. NOTICE TO BIDDERS

1. Prospective bidders are hereby notified that receiving of sealed proposals scheduled for May 19, 2011 will be postponed and rescheduled for 2:00 P.M., May 26, 2011.

B. SPECIFICATIONS

1. Replace pages 401-1a thru 401-3a dated 07/01/08 with attached pages 401-1a thru 401-3a dated 05/03/11
2. Replace page 415-1a dated 07/01/08 with attached page 415 a dated 05/03/11

C. PROPOSAL

1. Replace page P-10 dated 8/10/2010 with the attached page P-10 dated 5/03/2011

Addendum No. (1)
5/20/2011

D. PLANS

1. Replace Plan Sheet 3 dated 11/2010 with the attached Plan Sheet ADD.3 dated 5/2011.

E. PRE-BID MEETING MINUTES

1. Meeting minutes are attached for information and 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.



GLENN M. OKAMOTO, Ph.D
Director of Transportation

1 **SECTION 401 – HOT MIX ASPHALT (HMA) PAVEMENT**

2
3 Make the following amendments to said Sections:

4
5 **(I) Amend Section 401.03(B)(3) Asphalt Pavers**, from line 200 to include
6 the following:

7
8 **“(h) Equipped with a mean of preventing the segregation**
9 **of the coarse aggregate particles from the remainder of the**
10 **bituminous plant mix when that mix is carried from the paver**
11 **hopper back to the paver augers. The means and methods**
12 **used shall be approved by the paver manufacturer and may**
13 **consist of chain curtains, deflector plates, or other such**
14 **devices and any combination of these.**

15
16 The following specific requirements shall apply to the
17 identified bituminous pavers:

- 18
19 (1) Blaw-Knox bituminous pavers shall be
20 equipped with the Blaw-Knox Materials
21 Management Kit (MMK).
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23 (2) Cedarapids bituminous pavers shall be those
24 that were manufactured in 1989 or later.
25
26 (3) Barber-Green/Caterpillar bituminous pavers
27 shall be equipped with deflector plates as
28 identified in the December 2000 Service
29 Magazine entitled “New Asphalt Deflector Kit
30 {6630, 6631, 6640}”.

31
32 Prior to the start of using the paver for placing plant
33 mix, the Contractor shall submit for approval a full
34 description in writing of the means and methodologies that
35 will be used to prevent bituminous paver segregation. Use of
36 the paver shall not commence prior to receiving approval
37 from the Engineer.

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39 The Contractor shall supply a Certificate of
40 Compliance that verifies that the approved means and
41 methods used to prevent bituminous paver segregation have
42 been implemented on all pavers used on the project and is
43 working in accordance with the manufacturer’s
44 requirements.”
45

(II) Amend Section 401.03(F)(1) HMA Pavement Courses One and a Half Inches Thick Or Greater, from line 499 to 505 to read as follows:

"(1) HMA Pavement Courses One and a Half Inches Thick Or Greater. Where HMA pavement compacted thickness indicated in the contract documents is 1-1/2 inches or greater, compact to not less than 92.0 percent nor greater than 97.0 percent of the maximum specific gravity determined in accordance with AASHTO T 209, modified by deletion of Supplemental Procedure for Mixtures Containing Porous Aggregate."

(III) Amend Section 401.03(F)(3) HMA Pavement Courses One and a Half Inches Thick or Greater In Special Areas Not Designated For Vehicular Traffic, from line 530 to 538 to read as follows:

"(3) HMA Pavement Courses One and a Half Inches Thick or Greater In Special Areas Not Designated For Vehicular Traffic. For areas such as bikeways that are not part of roadway and other areas not subjected to vehicular traffic, compact to not less than 90.0 percent of maximum specific gravity determined in accordance with AASHTO T 209, modified by deletion of Supplemental Procedure for Mixtures Containing Porous Aggregate. Increase asphalt content by at least 0.5 percent above that used for HMA pavements designed for vehicular traffic."

(IV) Amend Section 401.04 Measurement, from line 597 to 603 to read as follows:

"401.04 Measurement.

The Engineer will measure asphalt concrete pavement per ton in accordance with the contract documents.

(V) Amend Section 401.05 Payment, from line 605 to 635, to read as follows:

"401.05 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 the contract documents.

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

Pay Item

Pay Unit

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HMA Pavement, Mix No. _____

Ton

(1) 80% of the contract unit price upon completion of submitting a job-mix formula acceptable to the Engineer; preparing the surface, spreading, and finishing the mixture; and compacting the mixture;

(2) 20% of the contract unit price upon completion of cutting samples from the compacted pavement for testing; placing and compacting the sampled area with new material conforming to the surrounding area; protecting the pavement; and final analysis.

The Engineer will pay for cold planing in accordance with and under Section 415 – Cold Planing of Existing Pavement.

The Engineer will pay for adjusting existing frames and covers and valve boxes in accordance with and under Section 604 – Manholes, Inlets and Catch Basins and Section 626 – Manholes and Valve Boxes for Water and Sewer Systems.”

END OF SECTION 401

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(I) Amend Section 415.04 Measurement, from line 67 to 68 to read as follows:

The Engineer will measure cold planing per square yard in accordance with the contract documents."

“415.05 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 the contract documents.

Pay Item	Pay Unit
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(1) 80 percent of the contract bid price upon completion of removing the indicated thickness and clean and sweep before opening to public traffic;

END OF SECTION 415

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
209.1000	Installation, Maintenance, Monitoring and Removal of BMP	L.S.	L.S.	L.S.	\$ _____
209.2000	Additional Water Pollution, Dust, and Erosion Control	F.A.	F.A.	F.A.	\$ <u>10,000.00</u>
312.0100	Hot Mix Glassphalt Base Course	L.S.	L.S.	L.S.	\$ _____
401.0100	Hot Mix Asphalt (HMA) Pavement, Mix No. IV	7500	Ton	\$ _____	\$ _____
414.0100	Excavation of Weakened Pavement Areas	85	C.Y.	\$ _____	\$ _____
415.0100	Cold Planing	3000	Sq. Yd.	\$ _____	\$ _____
603.0300	Clean Existing Culverts	F.A.	F.A.	F.A.	\$ <u>110,000.00</u>
604.4300	Adjusting Water Valve Cast Iron Frame and Cover	9	Each	\$ _____	\$ _____
604.4500	Adjusting Water Manhole Cast Iron Frame and Cover	6	Each	\$ _____	\$ _____
604.5010	Type 61616P GDI (6.00 Ft. to 6.99 Ft.)	1	Each	\$ _____	\$ _____
606.0500	Reset Guardrail	L.S.	L.S.	L.S.	\$ _____
606.0600	Guardrail, Strong Post W-Beam with 8-foot Post	L.S.	L.S.	L.S.	\$ _____
606.0700	Terminal Section, Modified Type "G"	L.S.	L.S.	L.S.	\$ _____

360AB-01-11M

3-May-11

P-10

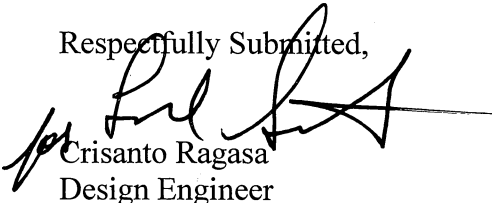
Pre-Bid Meeting Minutes

Project: Hana Highway Resurfacing, Honomanu Bridge to Waikani Bridge

Project No.: 360AB-01-11M

1. Pre-bid meeting was on May 3, 2011 at 9:00 A.M at the Maui District Conference Room at 650 Palapala Drive, Kahului. The participants were: Norman Shino, of Maui Paving LLC, Dane Patao of Maui Master, Ferdinand Cajigal, Fred Gutierrez and Crisanto Ragasa of State Highways
2. Scope of project was discussed and then opened floor for questions.
3. Contractors recommended changing the payment of two items Hot Mix Asphalt (HMA) Pavement, Mix No. IV (lump sum to ton) and Cold Planing (lump sum to sq.yd.). **Response: Changes will address in addendum N0.1**
4. Contractor asking if one hundred (100) working days be added more days. **Response: Based on the quantity of asphalt and concrete use to repair the bridges, working days would be enough.**
5. Would it be possible to show the quantity and locations where markers to be installed. **Response: See legend on sheet No.3 for Rm's and Type II marker, locations is indicated on the project plans; normally Rm-4s is to be installed on the bridge approaches, also quantity is a lump sum basis.**
6. There are 5 large warning signs that would like to confirm sizing on, they can be found on pages 34, 37 and 39. Please let us know if this correct. **Response: Yes, the sizing as shown in the plans is correct.**
7. On page 8 of the project plans, the Rm-5 detail calls for galvanized steel. Would it be possible to use a plastic Rm-5 instead? **Response: No, State doesn't allow using a plastic Rm-5 unless specified.**
8. Meeting was adjourned at 9:45 A.M.

Respectfully Submitted,


Crisanto Ragasa
Design Engineer

SIGN IN SHEET – PRE-BID MEETING

May 3, 2011, @ 9:00 am
MAUI DISTRICT OFFICE

Hana Highway Resurfacing
Vicinity of Honomanu Bridge to Waikani Bridge
Project No. 360AB-01-11M

NAME	COMPANY	PH. NO./FAX	E-MAIL
1. Crisanto Ragasa	DOT	873-3553/873-3544	crisanto.ragasa@hawaii.gov
2. Ferdinand Cajigal	DOT	-do-	<u>Ferdinand.cajigal@hawaii.gov</u>
3. DANE PATAO	MAUI MASTER	244-0036	GOMES @ ALOHA.NET
4. FRED GUTIERREZ	DOT	873-3535	FRED.C.GUTIERREZ@HAWAII.GOV
5. Norman Shinno	Manipaving	877-2755- 8726438	norman@groupacificcorp.com.