STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ADDENDUM NO. 1
for
MOANALUA FREEWAY RESURFACING
MILE POST 0.00 TO MILE POST 0.74
PROJECT NO. HWY-O-05-05M

The following amendments shall be made to the Bid Documents:

A. NOTICE TO BIDDERS

Prospective bidders are hereby notified that receiving of sealed proposals scheduled for June 29, 2010 will be postponed and rescheduled for June 30, 2010 at 2:00 P.M.

B. SPECIFICATIONS

1. Specifications Cover Page should read "Special Provisions, Proposal, Contract and Bond".

2. Replace Page 105-3a dated 05/20/10 with the attached Page 105-3a dated r6/21/10.

3. Replace Page 307-2a dated 4/10/08 with the attached Page 307-2a dated r6/23/10.

4. Replace Page 401-3a dated 07/01/08 with the attached Page 401-3a dated r6/21/10.

C. PROPOSAL SCHEDULE

1. Replace Page P-1 dated 7/01/08 with the attached Page P-1 dated r6/23/10.

2. Replace Pages P-10 through P-13 dated 5/12/10 with the attached Pages P-10 through P-13 dated r6/21/10.

D. PLANS

1. Replace Plan Sheet Nos. 3, 7, 9 and 10 with the attached Plan Sheet Nos. ADD.3, ADD.7 ADD.9 and ADD.10.

E. PRE-BID MEETING MINUTES

1. 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.

BRENNON T. MORIOKA, Ph.D., P.E.
Director of Transportation

anywhere within the State highway right-of-way, provided such storage and access to and from such site, within the sole discretion of the Engineer, does not create a public or traffic hazard or an impediment to the movement of traffic."

(VI) Amend **105.16(A) – Subcontract Requirements** by adding the following paragraph after line 483:

The 'Specialty Items' of work for this project are as follows:

Section No.	Description
312	Contract Item No. 312.0100 under Section 312 – Hot Mix Glassphalt Base Course
401	Contract Item No. 401.0100 under Section 401 – Hot Mix Asphalt Pavement
629	All Contract Items under Section 629 - Pavement Markings
631	All Contract Items under Section 631 - Traffic Control Regulatory, Warning, and Miscellaneous Signs
632	All Contract Items under Section 632 - Markers
645	Contract Item No. 645.0100 under Section 645 – Work Zone Traffic Control"

(VII) Amend **Subsection 105.16(B) – Substituting Subcontractors** by revising the second sentence from line 490 to line 493 to read:

"Contractors may enter into subcontracts only with subcontractors listed in the proposal or with non-listed joint contractors/subcontractors permitted under Subsection 102.06 – Preparation of Proposal."

END OF SECTION 105

27 inches from the existing grade. Therefore, this problem should not be encountered.

If the pulverized material is found to have excess water content, the material can either be air-dried or more cement may be added to achieve the target moisture content.

The base course and asphalt shall be ground up such that there are no particles greater than 2 inches in its largest dimension, and no aggregations of AC greater than ¾ inch in its largest dimension. The percentage of material greater than ¾" shall be no greater than about 30%. Oversized material shall be either removed or additionally pulverized to attain the acceptable particle size.

The cement content shall be 6 percent by dry weight. Assuming a maximum dry density of about 145 pounds per cubic foot, this works out to 8.7 pounds of cement per cubic foot, or 94 pounds of cement (one cement bag) every 1.35 feet of a 12-foot wide lane, for the proposed 8-inch thick cement-treated depth. This cement dosage will not change, regardless of what the maximum dry density value is actually determined to be.

Do not use cement salvaged from used or discarded sacks. Cement placed in storage shall be suitably protected. Any loss of the quality of the cement will be cause for rejection. If the cement furnished shows erratic behavior under the field conditions incident to the mixing and placing of the mixture, or in the time of the initial or final set, the Contractor shall at once cease the use of that brand of cement and furnish material of such properties as to ensure quality work conforming to the specifications. Notify the Engineer immediately of the problem.

Placement of the cement shall consist of opening the cement bags and placing the cement in a transverse direction such that the area is covered with cement of a uniform thickness. The cement shall then be mixed thoroughly into the ground-up base course and asphalt. Prevent the drifting of cement or dust. Do not place cement during windy days when the wind will be strong enough to blow cement into the air and overcome the dust control methods utilized. No extension will be granted for days lost due to the Contractor's inability to control the cement dust.

The cement shall be mixed thoroughly into the ground-up base course and asphalt with a reclaimer during the pulverizing operation or in a method acceptable to the Engineer. No matter which method of incorporating the cement is utilized, the mixing shall be performed to a degree that all material is uniformly distributed throughout the mixture.

Begin mixing as soon as possible, but no later than 30 minutes from the opening of the cement bags. If the cement shows signs of setting before incorporation into the pulverized material, remove, discard, and replace the cement.

contract documents.

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

Pay Item		Pay Unit
(A)	HMA Pavement, Mix No. _____	Lump Sum
(B)	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.

(C)	Leveling Course	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 not pay for adjusting existing frames and covers and valve boxes separately and will consider the cost as included in the contract prices for the various contract pay items under this section.

END OF SECTION 401

PROPOSAL TO THE

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

PROJECT:	MOANALUA FREEWAY RESURFACING MILE POST 0.00 TO MILE POST 0.74
PROJECT NO.:	HWY-O-05-05M
COMPLETION TIME:	140 (ONE-HUNDRED FORTY) Working days from the date indicated in the Notice to Proceed from the Department.

DESIGN PROJECT MANAGER:

NAME: Robert Sun
ADDRESS: 601 Kamokila Boulevard, Room 609
PHONE NO.: (808) 692-7578
EMAIL: robert.sun@hawaii.gov
FAX NO.: (808) 692-7590

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
201.0200	Clearing and Grubbing	L.S.	L.S.	L.S.	$_____
202.0400	Removal of Existing A.C. Pavement	L.S.	L.S.	L.S.	$_____
208.1000	Leveling Surfaces	F.A.	F.A.	F.A.	$ 5,000.00
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.	$ 20,000.00
307.0100	Cement-treated Recycled Base	12,200	S.Y.	$ _____	$_____
307.0200	Cement Adjustment	1,200	Sack	$ _____	$_____
312.0100	Hot Mix Glassphalt Base Course	L.S.	L.S.	L.S.	$_____
401.0400	HMA Pavement, Mix No. IV	L.S.	L.S.	L.S.	$_____
401.0500	Leveling Course	110	Ton	$ _____	$_____
414.0100	Excavation of Weakened Pavement Areas	5,130	C.Y.	$ _____	$_____
415.0100	Cold Planing	L.S.	L.S.	L.S.	$_____
416.1000	Paving Grid	2,500	S.Y.	$ _____	$_____

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
418.0400	Ultra-Thin Whitetopping	12,200	S.Y.	$ _____	$_____
616.1000	Temporary Irrigation System	L.S.	L.S.	L.S.	$_____
619.0100	Imported Compost	L.S.	L.S	L.S.	$_____
619.1000	Nerium Oleander (White) 2 Feet Height	L.S.	L.S.	L.S.	$_____
619.2000	Nerium Oleander (Dark Pink) 2 Feet Height	L.S.	L.S.	L.S.	$_____
619.3000	Cocos Nucifera 20 Feet Brown Trunk Height, Field Specimen	L.S.	L.S.	L.S.	$_____
629.1013	4-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.1016	8-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.1020	12-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.1040	Pavement Arrow (Tape, Type III or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.1050	Pavement Word (Tape, Type III or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.2010	Type A Pavement Marker	L.S.	L.S.	L.S.	$_____
629.2030	Type C Pavement Marker	L.S.	L.S.	L.S.	$_____
629.2070	Type H Pavement Marker	L.S.	L.S.	L.S.	$_____
631.5100	Regulatory Sign (10 Square Feet or Less) with Post(s)	L.S.	L.S.	L.S.	$_____
632.4000	Reflector Marker (RM-2) with Flexible Delineator Post	L.S.	L.S.	L.S.	$_____
638.1000	Replacement of Existing Curb and Gutter	F.A.	F.A.	F.A.	$ 55,000.00
641.0100	Hydro-mulch Seeding	L.S.	L.S.	L.S.	$_____
643.0100	Maintenance of Existing Landscape Areas	F.A.	F.A.	F.A.	$ 20,000.00
645.0100	Traffic Control	L.S.	L.S.	L.S.	$_____
645.0200	Additional Police Officers, Additional Control Devices, And Advertisement	F.A.	F.A.	F.A.	$ 160,000.00
648.0100	Field-Posted Drawings	L.S.	L.S.	L.S.	$_____
659.1000	Erosion Control Mat	17,500	S.F.	$ _____	$_____

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
699.1000	Mobilization (Not to exceed 10 percent of the sum of all items excluding bid price of this Item and force account items)	L.S.	L.S.	L.S.	$_____
Sum of All Items					$ _____

NOTE: Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bid.

Moanalua Freeway Resurfacing

Question 1: Plans show six inches of ultra thin whitetopping. Concerned about curing time, 1-day closure for whitetopping is needed. Are 24 hour lane closures a possibility? Or is the shoulder wide enough to detour?

Answer: Shoulder areas are not wide enough to carry traffic. The Contractor will be allowed to detour traffic from Moanalua Freeway, as approved by the Engineer. One outbound lane shall remain open at all times to allow vehicles to access Moanalua Road.

Question 2: Do you have borings to determine how much cement is needed for cement treated recycled base? What is the mix design and the cement content? Need to know composition of existing material to be used.

Answer: The ground-up reclaimed material will consist of a mixture of AC and base course, which will need to be mixed with the cement. Boring were taken and based on the borings the AC will be at least 7 inches thick and the base/subbase will be at least 12 inches thick. As stated in Specifications Section 307 – Cement-Treated Recycled Base, the cement content will be set at 6% by dry weight

Question 3: Will the contractor be able to leave cold plane surfaces overnight? If so, what is max differential, possibly one day.

Answer: Bid according to plans and specifications.

Question 4: Where are the specs for the paving grid?

Answer: See Specifications Section 416 – Paving Grid.

Question 5: Specs – Proposal Schedule – Will the drill shaft drilling equipment be needed? Not included in the proposal. Any bid item for field office? Is 307.0200 a contingency for 307.0100?

Answer: Bid according to plans and specifications.

Question 6: Clearing and grubbing – outside of gutter? Where does it occur?

Answer: See Specifications Section 659 – Erosion Control Matting.

Question 7: Clarify location of erosion control mat on sheet 10. Verify if work is from Sta 125+50 (not 125+00) to 133+00.

Answer: Erosion Control Mat will begin at Sta 125+50, not Sta 125+00.

Question 8: Are ramp closures permitted for paving work of sheet 9?

Answer: Ramp closures will be allowed, as approved by the Engineer.

Moanalua Freeway Resurfacing (6/14/10)

	Name	Company	Phone
1	Keoni Wasano	Hwy-DD	692-7580
2	Robert Sun	Hwy-DD	692-7578
3	Terence Chun	Road Builders Corp.	833-5400
4	Jason Ames	Grace Pacific Corp.	845-3991
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