

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

ADDENDUM NO. 1

FOR

**LIKELY LIKE HIGHWAY PAVEMENT PREVENTATIVE MAINTENANCE
END OF WILSON TUNNEL TO KAMEHAMEHA HIGHWAY**

PROJECT NO. HWY-O-05-06M

DISTRICT OF KOOLAUPOKO

ISLAND OF OAHU

FY 2006

Amend the bid documents as follows:

1. SPECIAL PROVISIONS

Replace Pages 605-1a and 605-2a dated 5/12/06 with the attached Pages 605-1a and 605-2a dated 6/08/06.

2. PROPOSAL

- a. Replace Page P-1 dated 1/22/04 with the attached Page P-1 dated 6/08/06.
- b. Replace Proposal Schedule Pages P-13 through P-15 dated 5/15/2006 with the attached Pages P-13 through P-15 dated 6/8/2006.

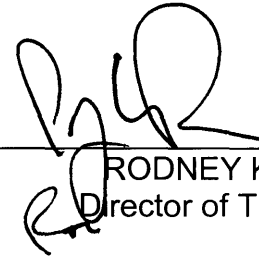
3. PLANS

- a. Replace Plan Sheet Nos. 3, 8-10, 15-17, 19-25, 29, 32, 35, 38, and 41 with the attached Plan Sheet Nos. ADD.3, ADD.8 – ADD.10, ADD.15 – ADD.17, ADD.19-ADD.25, ADD.29, ADD.32, ADD.35, ADD.38, and ADD.41.
- b. Add Plan Sheets ADD.11 S-1 and ADD.50 S-1 – ADD.50 S-10.

4. **PRE-BID MEETING SUMMARY**

Attached are the June 6, 2006 Pre-Bid Meeting Minutes and Attendance Sheet for your information.

Please acknowledge receipt of the Addendum No. 1 by recording the date of its receipt in the space provided on page P-4 of the Proposal.

A handwritten signature in black ink, appearing to read 'R. Haraga', is written over a horizontal line.

RODNEY K. HARAGA
Director of Transportation

Amend **Section 605 – Underdrains** to read as follows:

“SECTION 605 - UNDERDRAINS

605.01 Description. This section is for constructing underdrains according to the contract.

605.02 Materials.

(A) Geotextile. Geotextiles shall conform to Subsection 716.03 - Geotextiles for Underdrain.

(B) Crushed Rock. Crushed rock shall conform to Subsection 703.04 - Aggregate for Permeable Base, and to the gradation requirements of Subsection 703.04(A) - Course Aggregate or AASHTO M 43 (ASTM D 448) size Nos. 4, No. 5, or No. 57.

(C) Perforated Plastic Pipe. The perforated corrugated polyethylene pipe shall conform to AASHTO M 252 or AASHTO M 294.

The perforated corrugated polyethylene pipe shall be either Type CP corrugated surface both inside and outside or Type SP corrugated wall outside and smooth inner liner.

The perforated PVC pipe shall conform to ASTM D 2729.

Submit a Certificate of Compliance to the Engineer before using the plastic pipes.

(D) Non-Perforated Pipe. Non-perforated drainpipe shall conform to the requirements of perforated pipes except that the provisions for perforation shall not apply.

(E) Concrete. Concrete for cleanouts shall be Class B and shall conform to Section 601 - Structural Concrete.

(F) Steel Plate. Steel plate for cleanouts shall conform to AASHTO M 183/M183M (ASTM A 36/A 36M).

605.03 Construction Requirements. Excavate trenches to the dimensions and grade shown in the contract or as specified by the Engineer.

Protect the geotextiles from sunlight and temperatures over 140 degrees F during transport and storage. The information on the packaging shall warn against exposing the geotextile to sunlight.

Place the geotextile in the trench to conform loosely to the shape of the trench. Overlap successive sheets a minimum of 18 inches.

50 Place the crushed rock in horizontal layers not exceeding 12 inches in
51 thickness before compaction. Compact each lift with at least two passes of a
52 vibrating pad or drum type compactor. Fold the geotextile over the top of the
53 filter rock to produce a minimum overlap of 12 inches after compaction of the
54 filter rock. Do not leave geotextile exposed more than five days without being
55 covered by backfill.

56
57 Remove and replace geotextile that becomes torn or damaged observing
58 the 18 inches overlap requirement in all directions.

59
60 Place perforated pipe with the perforations down. Join the pipe sections
61 securely with the appropriate couplings or bands.

62
63 Install non-perforated drain pipe of the type and size specified according
64 to the contract or as specified by the Engineer.

65
66 **605.04 Method of Measurement.** Underdrains and cleanouts will be paid
67 on a lump sum basis. Measurement for payment will not apply.

68
69 **605.05 Basis of Payment.** The Engineer will pay for the accepted
70 underdrains and cleanouts on a contract lump sum basis. Payment will be full
71 compensation for the work prescribed in this section and the contract
72 documents.

73
74 The Engineer will pay for the following pay items when included in the
75 proposal schedule:

76	77 Pay Item	78 Pay Unit
79	Cleanout	Lump Sum"

80
81
82
83
84
85 **END OF SECTION 605**
86

**PROPOSAL TO THE
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION**

PROJECT: Likelike Highway Pavement Preventative Maintenance
End of Wilson Tunnel to Kamehameha Highway
District of Koolaupoko
Island of Oahu

PROJECT NO.: HWY-O-05-06M

COMPLETION TIME: One hundred twenty (120) Working days from the
date indicated in the Notice to Proceed from the
Department.

DESIGN PROJECT MANAGER:

**Christine Yamasaki
601 Kamokila Boulevard, Room 609
Kapolei, Hawaii 96707**

**PHONE NO. (808) 692-7572
FAX NO. (808) 692-7590**

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
209.1000	Installation, Maintenance, Monitoring, and Removal of BMP	LS	LS	LS	\$ _____
209.2000	Additional Water Pollution, Dust, and Erosion Control	FA	FA	FA	\$20,000.00
402.0100	Superpave Asphalt Concrete Pavement	LS	LS	LS	\$ _____
603.0100	Clean Existing Culverts	FA	FA	FA	\$30,000.00
604.4010	Adjusting Manhole Frame and Cover	10	EACH	\$ _____	\$ _____
604.4020	Adjusting Pullbox Frame and Cover	6	EACH	\$ _____	\$ _____
605.0400	Cleanout	91	EACH	\$ _____	\$ _____
613.0300	Adjusting Centerline and Reference Survey Monuments	6	EACH	\$ _____	\$ _____
623.3900	Approach-Only Microwave Vehicle Detector	3	EACH	\$ _____	\$ _____
623.7051	Loop Detector Sensing Unit (6'x6') One Loop	9	EACH	\$ _____	\$ _____
623.7052	Loop Detector Sensing Unit (6'x6') Two Loops	12	EACH	\$ _____	\$ _____
623.7053	Loop Detector Sensing Unit (6'x6') Three Loops	2	EACH	\$ _____	\$ _____
623.7056	Loop Detector Sensing Unit (6'x6') Six Loops	2	EACH	\$ _____	\$ _____
629.1010	4-Inch Pavement Striping - Tape, Type I or Thermoplastic Extrusion	LS	LS	LS	\$ _____
629.1011	4-Inch Pavement Striping - Tape, Type II or Thermoplastic Extrusion	LS	LS	LS	\$ _____
629.1012	4-Inch Pavement Striping - Tape, Type III or Thermoplastic Extrusion	LS	LS	LS	\$ _____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.1013	8-Inch Pavement Striping - Tape, Type I or Thermoplastic Extrusion	LS	LS	LS	\$ _____
629.1014	8-Inch Pavement Striping - Tape, Type II or Thermoplastic Extrusion	LS	LS	LS	\$ _____
629.1015	12-Inch Pavement Striping - Tape, Type II or Thermoplastic Extrusion	LS	LS	LS	\$ _____
629.1016	12-Inch Pavement Striping - Tape, Type III or Thermoplastic Extrusion	LS	LS	LS	\$ _____
629.1020	Double 4-Inch Pavement Striping - Tape, Type I or Thermoplastic Extrusion	LS	LS	LS	\$ _____
629.1021	Double 4-Inch Pavement Striping - Tape, Type II or Thermoplastic Extrusion	LS	LS	LS	\$ _____
629.1030	Crosswalk Markings - Tape, Type III or Thermoplastic Extrusion	LS	LS	LS	\$ _____
629.1040	Pavement Arrow - Tape, Type III or Thermoplastic Extrusion (Traffic Lane)	LS	LS	LS	\$ _____
629.1050	Pavement Word - Tape, Type III or Thermoplastic Extrusion (Traffic Lane)	LS	LS	LS	\$ _____
629.1060	Pavement Symbol (Yield Line Marking) - Tape, Type III or Thermoplastic Extrusion	LS	LS	LS	\$ _____
629.2030	Type A Pavement Marker	LS	LS	LS	\$ _____
629.2040	Type C Pavement Marker	LS	LS	LS	\$ _____
629.2050	Type D Pavement Marker	LS	LS	LS	\$ _____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.2060	Type H Pavement Marker	LS	LS	LS	\$ _____
636.0100	Field Office Trailer (Not to Exceed \$32,000.00)	LS	LS	LS	\$ _____
645.0100	Traffic Control	LS	LS	LS	\$ _____
645.0200	Additional Police Officers, Additional Traffic Control Devices, and Advertisement	FA	FA	FA	\$50,000.00
648.0100	Field-Posted Drawings	LS	LS	LS	\$ _____
652.1000	Cold Planing	LS	LS	LS	\$ _____
656.0100	Maintenance of Existing Landscape Areas	FA	FA	FA	\$20,000.00
699.1000	Mobilization (Not to exceed 10% of the sum of all items excluding the bid price of this item, field office and force account items)	LS	LS	LS	\$ _____
	SUM OF ALL ITEMS				\$ _____
<p>Note: Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bid.</p>					

**LIKELIKE HIGHWAY PAVEMENT PREVENTATIVE MAINTENANCE
END OF WILSON TUNNEL TO KAMEHAMEHA HIGHWAY**

PROJECT NO. HWY-O-05-06M

**PRE-BID MEETING MINUTES
JUNE 6, 2006**

The following are minutes for the Department of Transportation (HDOT) pre-bid meeting with prospective bidders for the Likelike Highway project. This meeting was held at the State Office Building in Kapolei at 9:00 am.

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

Holly Yamauchi conducted the meeting.

1. Cold plane work will be added to Likelike Highway from Kahekili Highway to Kamehameha Highway. This area needs to be cold planed to match the elevation at the existing concrete gutter at the edges of pavement.
2. Item No. 605.0300, Clean Existing Underdrains will be changed from a lump sum to a force account item. *(Upon further consideration, this item will be deleted from the contract. There is not enough information in the plans and special provisions for the contractor to make an accurate bid.)*
3. A new item will be added to the plans to adjust existing cleanouts.
4. As for traffic control, HDOT will allow the closing of Ramp KM during construction, but Ramps D and TK shall remain open at all times. HDOT will consider closing the highway in one direction and detour traffic. The bidders were reminded that all detour plans must be approved by the Construction Engineer.

Questions:

1. The station limits for the profile on Plan Sheet No. 25 do not match the station limits shown on the roadway plans. Which is correct?

The station limits shown on the profile is correct, the roadway plans will be revised.

2. According to Plan Sheet No. 25, the dip in the roadway is to be filled with superpave a.c. pavement. Can a leveling course be used instead?

It is possible to use a leveling course to smooth out the roadway. However, depending on the severity of the dip, a courser mix may be required. Therefore, the plans will remain as is.

3. Will there be construction signs at the intersection of Likelike Highway and Anoi Road?

No signs will be installed at that intersection.

The meeting ended at 9:30 am.

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

**LIKELY HIGHWAY PAVEMENT PREVENTATIVE MAINTENANCE
END OF WILSON TUNNEL TO KAMEHAMEHA HIGHWAY**

PROJECT NO. HWY-O-05-06M

PRE-BID MEETING

JUNE 6, 2006

9:00 AM

NO.	NAME	COMPANY	PHONE NO.
1	SAM PENG HO	JAS. W. GLOVER, LTD.	591-8977
2	TERENCE CHUN	ROAD BUILDERS	833-5400
3	KEVIN CHUN	Grace Pacific	842-3245
4	Shirley Simao	Grace Pacific	842-3268
5	Randy Matsumoto	Grace Pacific	842-3227
6	Kurt Sanchez	HDOT - Traffic Design	692-7681
7	Holly Yamanchi	HDOT - Design	692-7574
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