STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ADDENDUM NO. 1

FOR

**HAWAII BELT ROAD RESURFACING**

**EAST PAAUILO BRIDGE TO KAALA BRIDGE**

**FEDERAL-AID PROJECT NO. NH-019-2(55)**

**DISTRICT OF HAMAKUA**

**ISLAND OF HAWAII**

**FY2004**

Amend the bid documents as follows:

## A. SPECIAL PROVISIONS

1. SECTION 604 – MANHOLES, INLETS AND CATCH BASINS, Page 604-5a, Subsection 604.05 Basis of Payment. Add the following pay item:

| "Pay Item | Pay Unit |
|---|---|
| Replacing Inlet Frame and Grating | Each" |

2. SECTION 651 – RECONSTRUCTION OF WEAKENED PAVEMENT AREAS, Page 651-1a, Subsection 651.03 Construction Requirements. Revise sixth (last) paragraph to read as follows:

   "Schedule the work so that excavated areas are backfilled before the completion of the day's work, unless one lane closures are permitted as indicated on the plans."

## B. PROPOSAL SCHEDULE

1. Replace pages P-8 thru P-12 dated 04/29/04 with the attached pages P-8 thru P-12 dated r06/18/04.

## C. PLANS

1. Replace Plan Sheet Nos. 10, 27 and 32 with the attached Plan Sheet Nos. ADD.10, ADD.27 and ADD.32.

2. Amend Plan Sheet No. 52 by deleting Item No. 606.3220 in its entirety in the "Estimated Quantities" Table.

## D. PRE-BID CONFERENCE MINUTES

Attached are the June 15, 2004 Pre-Bid Conference Minutes for your information.

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.

RODNEY K. HARAGA
Director of Transportation

## PROPOSAL SCHEDULE

| ITEM NO. | ITEM | APPROX. QUANTITY | UNIT | UNIT PRICE | AMOUNT |
|---|---|---|---|---|---|
| 209.0100 | Water Pollution and Erosion Control | F.A. | F.A. | F.A. | $ 40,000.00 |
| 305.1000 | Aggregate Subbase | 4,125 | C.Y. | $_____ | $_____ |
| 306.1100 | Untreated Permeable Base Course | 4,125 | C.Y. | $_____ | $_____ |
| 312.0100 | Plant Mix Glassphalt Concrete Base Course | 12,310 | Ton | $_____ | $_____ |
| 401.0400 | Asphalt Concrete Pavement, Mix No. IV | 9,740 | Ton | $_____ | $_____ |
| 401.0502 | Asphalt Concrete Pavement, Mix No. V | 1,270 | Ton | $_____ | $_____ |
| 401.0600 | Pavement Smoothness Incentive | Allowance | Allowance | Allowance | $ 30,000.00 |
| 503.1000 | Concrete for Slab (Kawaili Bridge) | L.S. | L.S. | L.S. | $_____ |
| 503.1001 | Concrete for Slab (Kekualele Bridge) | L.S. | L.S. | L.S. | $_____ |
| 507.7000 | Type I Concrete Bridge Railing | 1,100 | L.F. | $_____ | $_____ |
| 507.7001 | Type II Concrete Bridge Railing | 70 | L.F. | $_____ | $_____ |
| 507.7002 | Type III Concrete Bridge Railing | 160 | L.F. | $_____ | $_____ |
| 507.7003 | Concrete Wing Wall Railing | 45 | L.F. | $_____ | $_____ |
| 507.7004 | Steel Bicycle Railing (Mohuna and Kukaiau Bridges) | 890 | L.F. | $_____ | $_____ |
| 507.7005 | Concrete End Post, Type I | L.S. | L.S. | L.S. | $_____ |
| 507.7006 | Concrete End Post, Type II | L.S. | L.S. | L.S. | $_____ |
| 507.7007 | Concrete End Post, Type III | L.S. | L.S. | L.S. | $_____ |
| 570.1000 | Bridge Deck Patch | F.A. | F.A. | F.A. | $ 20,000.00 |

| ITEM NO. | ITEM | APPROX. QUANTITY | UNIT | UNIT PRICE | AMOUNT |
|---|---|---|---|---|---|
| 602.1000 | Reinforcing Steel for Slab (Kawailii Bridge) | L.S. | L.S. | L.S. | $_____ |
| 602.1001 | Reinforcing Steel for Slab (Kekualele Bridge) | L.S. | L.S. | L.S. | $_____ |
| 604.1000 | Grating (Type 61614P) | 1 | Each | $_____ | $_____ |
| 604.1500 | Replacing Inlet Frame and Grating | 3 | Each | $_____ | $_____ |
| 604.2000 | Adjusting Water Manhole Frame and Cover | 4 | Each | $_____ | $_____ |
| 604.4000 | Adjusting Water Valve Box Frame and Cover | 7 | EA | $_____ | $_____ |
| 605.1000 | 6-Inch Perforated Underdrain Pipe | 17,800 | L.F. | $_____ | $_____ |
| 605.1500 | 6-Inch Non-Perforated Underdrain Pipe | 685 | L.F. | $_____ | $_____ |
| 605.2000 | Cleanout | 70 | Each | $_____ | $_____ |
| 606.3100 | Reset Guardrail Post and Replace Spacer Block | 130 | Each | $_____ | $_____ |
| 606.3111 | Guardrail Type 3 - Strong Post W-Beam | 3,506 | L.F. | $_____ | $_____ |
| 606.3220 | Guardrail Type 3 - Thrie Beam with Pedestal Posts | 964 | L.F. | $_____ | $_____ |
| 606.3310 | Guardrail Type 3 - Thrie Beam Transition | 27 | Each | $_____ | $_____ |
| 606.7000 | Terminal Section, Type FLEAT - 350 | 14 | Each | $_____ | $_____ |
| 606.7010 | Terminal Section, Modified Type "G" | 11 | Each | $_____ | $_____ |
| 606.7020 | Terminal Section, ET-2000 PLUS or SKT-350 | 2 | Each | $_____ | $_____ |
| 606.7030 | End Anchorage - Modified Type "A-1" Flare | 16 | Each | $_____ | $_____ |
| 606.8000 | Portable Concrete Barrier | 50 | Each | $_____ | $_____ |

| ITEM NO. | ITEM | APPROX. QUANTITY | UNIT | UNIT PRICE | AMOUNT |
|---|---|---|---|---|---|
| 606.8010 | Sand Filled Crash Barrels | 9 | Each | $_____ | $_____ |
| 612.0100 | Grouted Rubble Paving for Subdrain | 210 | S.F. | $_____ | $_____ |
| 613.0110 | Reconstruct Centerline and Reference Survey Monuments | 7 | Each | $_____ | $_____ |
| 621.4040 | Reflector Marker (RM-4) with Post | 30 | Each | $_____ | $_____ |
| 621.4130 | Reflector Marker (RM-3) Bi-Directional with Flex Post | 6 | Each | $_____ | $_____ |
| 621.4140 | Type II Object Marker with Flex Post | 7 | Each | $_____ | $_____ |
| 621.4145 | Reflector Marker (RM-2) with Flex Post | 79 | Each | $_____ | $_____ |
| 621.5100 | Regulatory and Warning Sign (10 Square Feet or Less) with Post | 25 | Each | $_____ | $_____ |
| 621.5150 | Regulatory and Warning Sign (10 Square Feet or Less) without Post | 6 | Each | $_____ | $_____ |
| 621.5200 | Regulatory and Warning Sign (Greater than 10 Square Feet) with Post | 7 | Each | $_____ | $_____ |
| 621.6110 | State Route Marker Assembly (Type A) with Post | 6 | Each | $_____ | $_____ |
| 621.7120 | Construction Sign with Two Posts | 10 | Each | $_____ | $_____ |
| 621.7121 | Portable Construction Sign | 18 | Each | $_____ | $_____ |
| 621.7130 | Construction Sign without Post | 14 | Each | $_____ | $_____ |
| 621.7610 | Mile Post Marker and Route Number Plate with Post (Bi-Directional) | 2 | Each | $_____ | $_____ |

| ITEM NO. | ITEM | APPROX. QUANTITY | UNIT | UNIT PRICE | AMOUNT |
|---|---|---|---|---|---|
| 624.1791 | Stainless Steel Pipe Hanger | 5 | Each | $_____ | $_____ |
| 624.5000 | Water System | F.A. | F.A. | F.A. | $ 25,000.00 |
| 629.1000 | 4-inch Pavement Striping, White (Thermoplastic Extrusion) | 31,080 | L.F. | $_____ | $_____ |
| 629.1010 | 4-inch Pavement Striping, Yellow (Thermoplastic Extrusion) | 4,919 | L.F. | $_____ | $_____ |
| 629.1100 | 8-Inch Pavement Striping (Thermoplastic Extrusion) | 2,206 | L.F. | $_____ | $_____ |
| 629.1200 | 12-Inch Pavement Striping (Thermoplastic Extrusion) | 142 | L.F. | $_____ | $_____ |
| 629.1300 | Double 4-Inch Pavement Striping (Thermoplastic Extrusion) | 5,088 | L.F. | $_____ | $_____ |
| 629.2020 | Type "C" Pavement Marker | 784 | Each | $_____ | $_____ |
| 629.2030 | Type "D" Pavement Marker | 507 | Each | $_____ | $_____ |
| 629.2040 | Type "H" Pavement Marker | 125 | Each | $_____ | $_____ |
| 629.2050 | Type "J" Pavement Marker | 1,055 | Each | $_____ | $_____ |
| 636.1000 | Field Office (Not to exceed $32,000) | L.S. | L.S. | L.S. | $_____ |
| 645.0200 | Additional Police Officers and/or Additional Traffic Control Devices | F.A. | F.A. | F.A. | $ 150,000.00 |
| 645.2000 | Portable Traffic Signal System | F.A. | F.A. | F.A. | $ 85,000.00 |
| 645.5000 | Temporary Roadway Lighting | F.A. | F.A. | F.A. | $ 75,000.00 |

| ITEM NO. | ITEM | APPROX. QUANTITY | UNIT | UNIT PRICE | AMOUNT |
|---|---|---|---|---|---|
| 648.1000 | Permeable Separator | 30,165 | S.Y. | $_____ | $_____ |
| 650.1000 | Curb Ramp, Modified Type "D" | 16 | Each | $_____ | $_____ |
| 651.1000 | Excavation for Reconstruction of Weakened Pavement Area | 15,470 | C.Y. | $_____ | $_____ |
| 652.0100 | Cold-Planing | 1,700 | S.Y. | $_____ | $_____ |
| 655.1000 | Drilling Holes and Installing Dowel Reinforcing Bars for Slab (Kawaili Bridge) | 180 | Each | $_____ | $_____ |
| 655.1001 | Drilling Holes and Installing Dowel Reinforcing Bars for Slab (Kekualele Bridge) | 420 | Each | $_____ | $_____ |
| 660.1000 | Repair of Expansion Joint | L.S. | L.S. | L.S. | $_____ |
| 699.1000 | Mobilization (Not to Exceed 10 Percent of the Sum of All Items Excluding the Bid Price of this Item, Field Office and Force Account Items) | L.S. | L.S. | L.S. | $_____ |

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 units prices and amounts. Failure to do so maybe grounds for rejection of bid.

DOT 1-026
(Dir 2/65)

DEPARTMENT OF TRANSPORTATION

**MEMORANDUM FOR THE RECORD**

DATE: June 15, 2004

HIGHWAYS
**DIVISION**

HAWAII DISTRICT
**BRANCH OR SECTION**

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**PURPOSE OF MEETING:** **PRE-BID CONFERENCE for:**
HAWAII BELT ROAD RESURFACING
EAST PAAUILO BRIDGE TO KAALA BRIDGE
FEDERAL-AID PROJECT NO. NH-019-2(55)

**DATE, TIME & PLACE:**
JUNE 15, 2004, 10:00 A.M., HAWAII DISTRICT OFFICE, 50 MAKAALA ST. HILO, HI.

**PARTICIPANTS:**
STATE:
ROY SHIOJI, SAL PANEM , STERLING CHOW
MITSUNAGA & ASSOC.:
CHAD McDONALD
GRACE PACIFIC:
TERENCE CHUN
SUN INDUSTRIES:
DOUGLAS BURKE

**BRIEF SUMMARY OF MEETING:**

1. Plan Sheet 110, Rail Sleeve Anchor at End Post Connection Detail: It is almost impossible to install the Bridge Rail with only the ¼" tolerance. Is there another detail that will make installation easier? Response: Design Consultant will check into this. (Post note: Contractors shall base their bids as shown on the plans.)

2. Will the pavement finish elevation over bridges change? The height of the guardrail pedestals shown on Plan Sheet 111 is dependent on the finish pavement elevation. Response: Yes, the pavement finish elevations will change. The Contractor needs to verify the new elevations.

3. Plan Sheet 7 and 8: Typical Sections calls for backfilling shoulders and shoulder drop-offs with cold-planed material. There is little cold-planing being done. Is there enough cold-planed material to do this work? Response: The State will include use of suitable screened excavated material. (Post note: Refer to Note 1. on Plan Sheet 8. This cold-planed material shall be used for backfilling. Therefore, the response stated above is rescinded.)

Signed Roy Shioji