STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ADDENDUM NO. 2
FOR
KUHIO HIGHWAY IMPROVEMENTS
EXTENSION OF TEMPORARY KAPAA BYPASS ROAD
KUHIO HIGHWAY TO OLOHENA ROAD
PROJECT NO. 56A-03-00
DISTRICTS OF KAWAIHAU
ISLAND OF KAUAI

FY 2004

Amend the Bid Documents as follows:

A. SPECIAL PROVISIONS

1. Replace Section 201, pages 201-1a thru 201-3a, dated 8/04/98 with the attached Section 201, pages 201-1a thru 201-3a, dated 5/17/04.

2. Replace page 636-3a dated 2/09/04 with the attached page 636-3a dated 5/17/04.

3. Replace page 645-5a dated 2/09/04 with the attached page 645-5a dated 5/17/04.

B. PROPOSAL SCHEDULE

1. Replace pages P-12 thru P-18 dated 4/13/2004 with the attached pages P-12 thru P-18 dated 5/17/04.

C. PLANS

1. Replace Plan Sheet Nos. 2, 3, 12, 27 and 30 with the attached Plan Sheet Nos. ADD.2, ADD.3, ADD.12, ADD.27 and ADD.30.

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.

for RODNEY K. HARAGA
Director of Transportation

Amend **Section 201 - Clearing and Grubbing** to read as follows:

"SECTION 201 - CLEARING AND GRUBBING

201.01 Description. This section is for removing and disposing of vegetative and unwanted material from the right-of-way, easements, road approaches, project and borrow pit sites, and areas designated in the contract. Also, this section includes the preservation of vegetation and objects designated to remain from injury and defacement. In addition, this section includes the removal and proper disposal of abandoned vehicles and other large appliances that are found in the work areas. The Contractor shall clear and grub before grading.

201.02 Materials. Paint required for cut and scarred surfaces of trees and shrubs selected for retention shall be an acceptable asphaltum base paint prepared especially for tree surgery.

201.03 Construction Requirements.

(A) Clearing and Grubbing. Clear the natural ground of vegetative and unwanted material interfering with the proposed work. Vegetative material include trees, logs, stumps, roots of downed trees, brush, residue of agricultural crops, grass and weeds. Unwanted material includes lumber, trash piles and other loose debris.

The following are the limits for clearing and grubbing:

(1) Highway Construction Area. This includes structures, frontage roads and streets, ramps, approaches, ditches and channels with a bottom width of 12 feet or more, and other constructed accessory roads and connections. Extend such areas to a width of 5 feet outside excavation and embankment slope lines. When slopes require rounding, extend the areas to the outside limits of slope rounding.

(2) Ditches And Channels With A Bottom Width Of Less Than 12 Feet. Such areas shall extend to a width of two feet outside the slope lines.

(3) Material sites within the right-of-way.

(4) Areas enclosed by interchange loops and ramps.

Grub the area below the natural ground surface within the limits specified above of vegetative and unwanted material interfering with the proposed work. The Engineer will not allow unsuitable materials to remain in or under embankments and dikes except those shown in this section.

When authorized, cut the undisturbed stumps and roots and nonperishable solid objects not more than six inches above the existing ground. The Engineer will not require grubbing of the remaining stumps and large roots.

The undisturbed stumps and roots and non-degradable solid objects shall be a minimum of 3 feet below subgrade or slope of embankments. Exceptions are locations where constructing a structure, driving piles, excavating subdrainage trenches and removing unsuitable material.

Backfill stump holes and other holes with suitable material and compact according to Subsection 203.03(C) - Embankment Construction except in areas to be excavated.

Protect trees and shrubbery that are to remain from injury at no cost to the State. Cut the trees to be removed without injuring the trees and shrubbery that are to remain.

Cut off low hanging branches of trees extending over the roadway within 20 feet of finished grade close to the boles. Also, in removing such branches, remove other branches to present the tree with a balanced appearance. Treat cuts and scars with a heavy coat of acceptable tree paint.

The total area that the Contractor may expose shall not exceed the limits of Section 209 - Erosion Control.

(B) Removal and Disposal of Material. Dispose the material removed at an authorized land disposal site.

The Contractor may reduce degradable material to chips of a maximum thickness of 0.25 inch and may dispose the chips in areas enclosed by interchange loops and ramps or between the slope lines and right-of-way lines. Distribute the chips uniformly on the ground surface. Also, mix the chips with the underlying earth so that the chips do not support combustion.

Leave the roadway and adjacent areas with a neat and finished appearance. Dispose slashings, inflammable material, and other debris. The Engineer will not allow open burning of material.

(C) Removal and Disposal of Abandoned Vehicles. If determinable, the Contractor shall provide the Engineer the vehicle year, make, model, license number and vehicle identification number, and body type on a form to be supplied by the State. The Contractor shall also take two photographs of

each vehicle one front and one side view. The State will supply one signed and notarized copy of the County's DISPOSITION OF ABANDONED VEHICLES form. The Contractor shall then deliver the vehicle, together with the County form and photos, to the Puhi Metals Recycling Center at 3951 Puhi Road, where the vehicle will be accepted at no charge.

201.04 Method of Measurement. The Engineer will not measure clearing and grubbing including removing large trees for payment. The Engineer will measure the removal and disposal of abandoned vehicles and other large appliances on a force account basis according to Subsection 109.04 - Extra and Force Account Work.

201.05 Basis of Payment. The Engineer will not pay for clearing and grubbing including removing large trees separately. The Engineer will consider the cost for clearing and grubbing as included in the contract price of the various contract items.

The Engineer will pay for the removal and disposal of abandoned vehicles and other large appliances on a force account basis according to Subsection 109.04 - Extra and Force Account Work.

The cost includes full compensation for watering, disposal of material, and furnishing equipment, tools, labor, materials, and incidentals necessary to complete the work."

END OF SECTION

10,000 BTU rating each and two flood lights. The telephones shall be key telephone set type with separate lines.

636.04 Method of Measurement. The Engineer will not measure the field office for payment.

636.05 Basis of Payment. The Engineer will pay for the accepted field office on a contract lump sum basis.

The price includes full compensation for submitting catalog cuts and/or shop drawings; complying with local laws, ordinances, rules and regulations; obtaining the necessary permits and licenses; publishing or posting the required notices; furnishing and placing the buildings; providing a meter socket panel; maintaining the buildings, surrounding ground of the buildings, furnishings, appliances, and other equipment; providing rubbish pickup service; providing a partition and a passage doorway in the partitioned wall; providing and maintaining a toilet facility and potable water; furnishing and installing pipes and appurtenances to connect to the closest County Sewer main; providing electrical lighting, air conditioning, and telephones; disassembling or demolishing and removing the buildings; and furnishing labor, materials, tools, equipment, and incidentals necessary to complete the work.

Maintain the traffic cones and keep traffic cones clean and in good repair. Replace lost, stolen, or damaged traffic cones as needed.

(IV) Amend **645.04 Method of Measurement** to read as follows:

"645.04 Method of Measurement. The Engineer will measure Additional Police Officers And/Or Additional Traffic Control Devices such as hiring the services of additional Police Officers that the Engineer requested; furnishing, installing, maintaining and removing the additional devices; and inserting the legal notices required by the Engineer on a force account basis according to the contract and as specified by the Engineer.

The Engineer will not measure traffic control, barricade or barricade with lamp, traffic delineator, and construction and maintenance of detours for payment."

(V) Amend **645.05 Basis of Payment** to read as follows:

"645.05 Basis of Payment. The Engineer will pay for the accepted Additional Police Officers And/Or Additional Traffic Control Devices on a force account basis according to Subsection 109.04 - Extra and Force Account Work. The Engineer will compute the actual amount paid for force account work according to Subsection 109.04 - Extra and Force Account Work. The amount may be more or less than the estimated amount shown in the proposal. The force account work includes hiring the services of additional Police Officers beyond the four minimum required that the Engineer requested; furnishing, installing, maintaining and removing the additional devices; inserting the legal notices; furnishing labor, materials, tools, equipment, and incidentals necessary to complete the work. The Contractor shall submit a paid invoice for the legal notice.

The Engineer will make payment under:

Pay Item	**Pay Unit**
Additional Police Officers And/Or Additional Traffic Control Devices	Force Account"

The Engineer will not pay for Traffic Control separately. The Engineer will consider the cost for Traffic Control as included in the contract price of the various contract items. The cost is for hiring the services of the flaggers and/or police officers; furnishing, installing, maintaining and removing all traffic controls shown in the traffic control plans; and furnishing labor, materials, tools, equipment, and incidentals necessary to complete the work.

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
201.2000	Removal and Disposal of Abandoned Vehicles and Other Large Appliances	F.A.	F.A.	F.A.	$ 2,000.00
202.0010	Removal of Existing Concrete Headwall	L.S.	L.S.	L.S.	$
202.0020	Removal of Existing Wire Fence and Posts	L.S.	L.S.	L.S.	$
202.0030	Removal of Existing Chain Link Fence and Posts	L.S.	L.S.	L.S.	$
202.0040	Removal of Existing Gate, Gate Post and Footings	L.S.	L.S.	L.S.	$
202.0050	Removal of Existing Concrete Pavement	L.S.	L.S.	L.S.	$
202.0060	Removal of Existing Guardrail	L.S.	L.S.	L.S.	$
203.0100	Roadway Excavation	1,025	C.Y.	$	$
203.0020	Borrow Excavation	4,797	C.Y.	$	$
206.0010	Structure Excavation for Drain System	41	C.Y.	$	$
206.6000	Structure Excavation for Bridge Abutments and Wing Walls	225	C.Y.	$	$
206.7200	Structure Backfill for Bridge Abutments and Wing Walls	230	C.Y.	$	$
206.8000	Filter Material	5	C.Y.	$	$
208.0010	Leveling Surfaces	F.A.	F.A.	F.A.	$ 10,000.00

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
209.0010	Water Pollution and Erosion Control	F.A.	F.A.	F.A.	$ 50,000.00
304.0010	Aggregate Base	159	C.Y.	$ _____	$_____
312.0010	Plant Mix Glassphalt Concrete Base Course	3,375	Ton	$ _____	$_____
401.0010	Asphalt Concrete Pavement Mix No. IV	2,334	Ton	$ _____	$_____
401.0020	Asphalt Concrete Pavement Mix No. V	241	Ton	$ _____	$_____
411.0010	4-inch Concrete Pavement	50	C.Y.	$ _____	$_____
411.0011	6-inch Concrete Pavement	85	C.Y.	$ _____	$_____
503.1090	Concrete in Bridge Abutments and Wing Walls (Including End Post)	L.S.	L.S.	L.S	$_____
503.0020	Type "B" Wall	L.S.	L.S.	L.S.	$_____
503.0030	Concrete Headwall	L.S.	L.S.	L.S.	$_____
505.0010	16 ½ - Inch Octagonal Prestressed Pile Load Test	1	Each	$ _____	$_____
505.0410	16 ½ - Inch Octagonal Prestressed Piles, Furnished	2,840	L.F.	$ _____	$_____
505.4100	16 ½ - Inch Octagonal Prestressed Pile, Driven	2,500	L.F.	$ _____	$_____
505.6000	Drilled Holes	150	L.F.	$ _____	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
602.0091	Reinforced Steel in Bridge Abutments and Wing Walls (Including End Post)	L.S.	L.S.	L.S.	$_____
603.0010	Bed Course Material for Culvert	10	C.Y.	$_____	$_____
603.0020	18-Inch Reinforced Concrete Pipe, Class III	93	L.F.	$_____	$_____
603.0021	24-Inch Reinforced Concrete Pipe, Class III	35	L.F.	$_____	$_____
603.0030	Clean Existing Culverts	F.A.	F.A.	F.A.	$ 2,500.00
604.0010	Type A Storm Drain Manhole, 2.00 feet to 2.99 feet	1	Each	$_____	$_____
604.0020	Grated Drain Inlet, 2.00 feet to 2.99 feet	1	Each	$_____	$_____
604.0021	Grated Drain Inlet, 3.00 feet to 3.99 feet	1	Each	$_____	$_____
604.0030	Adjusting Existing Water Valve Frame and Cover	4	Each	$_____	$_____
606.0010	Guardrail, Type 3 Single with Steel Post and Spacer	1,425	L.F.	$_____	$_____
606.0020	Guardrail, Type 3 Thrie Bream (10 Gage)	100	L.F.	$_____	$_____
606.0030	Terminal Section, Type Fleat-350	2	Each	$_____	$_____
607.0010	6-Feet, Chain Link Fence with Top Rail	2,878	L.F.	$_____	$_____
609.0010	Curb, Type 2D	3,227	L.F.	$_____	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
610.0010	4-Inch Reinforced Concrete Driveway	1	Each	$ _____	$_____
621.0010	Regulatory and Warning Sign (10 Square Feet or Less) with Posts	51	Each	$ _____	$_____
621.0011	Regulatory and Warning Sign (10 Square Feet or Less)	25	Each	$ _____	$_____
621.0012	Regulatory and Warning Sign (Greater than 10 Square Feet) with Two Posts	4	Each	$ _____	$_____
621.0020	Construction Sign with Two Posts	8	Each	$ _____	$_____
621.0021	Construction Sign with Post	15	Each	$ _____	$_____
621.0022	Construction Sign	26	Each	$ _____	$_____
621.0030	Panel for Destination Sign	28	S.F.	$ _____	$_____
621.0031	2 ½" x 2 ½" Square Tube Post for Destination Sign	8	Each	$ _____	$_____
621.0040	Reflector Marker (RM-2) with Post	14	Each	$ _____	$_____
621.0041	Reflector Marker (RM-3)	88	Each	$ _____	$_____
621.0042	Reflector Marker (RM-3) with Post	6	Each	$ _____	$_____
621.0043	Reflector Marker (RM-4L) with Post	1	Each	$ _____	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
621.0044	Reflector Marker (RM-4R) with Post	1	Each	$ _____	$_____
621.0050	Relocation of Existing Sign with New Post	7	Each	$ _____	$_____
621.0051	Relocation of Existing Sign with Two New Posts	3	Each	$ _____	$_____
621.0052	Relocation of Existing Sign	5	Each	$ _____	$_____
622.0010	Olohena Road Intersection Lighting System	L.S.	L.S.	L.S.	$_____
622.0020	Kuhio Highway Intersection Lighting System	L.S.	L.S.	L.S.	$_____
629.0010	Double 4-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.0020	4-Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.0021	8-Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.0022	12-Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.0023	Double 4-Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.0030	4-Inch Pavement Striping (Tape, Type III or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.0031	12-Inch Pavement Striping (Tape, Type III or Thermoplastic Extrusion) (2 Lanes)	L.S.	L.S.	L.S.	$_____
629.0032	Pavement Arrow (Tape, Type III or Thermoplastic Extrusion)	7	Each	$ _____	$_____
629.0033	Pavement Word (Tape, Type III or Thermoplastic Extrusion)	1	Each	$ _____	$_____
629.0034	Pavement Symbol-Yield Markings (Tape, Type III or Thermoplastic Extrusion)	5	Lane	$ _____	$_____
629.0035	Crosswalk Markings (Tape, Type III or Thermoplastic Extrusion)	1	Lane	$ _____	$_____
629.0040	Type C Pavement Marker	L.S.	L.S.	L.S.	$_____
629.0041	Type D Pavement Marker	L.S.	L.S.	L.S.	$_____
629.0042	Type H Pavement Marker	L.S.	L.S.	L.S.	$_____
636.0010	Field Office (Not to Exceed $32,000.00)	L.S.	L.S.	L.S.	$_____
641.0010	Hydro-Mulch Seeding	212,088	S.F.	$ _____	$_____
645.0010	Additional Police Officers and/or Additional Traffic Control Devices	F.A.	F.A.	F.A.	$ 50,000.00

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
650.0010	Curb Ramps, Type D	2	Each	$ _____	$_____
660.1000	Acrow Panel Bridge	L.S.	L.S.	L.S.	$_____
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)	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.