# STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

### ADDENDUM NO. 3 for CULVERT REMEDIATION AT VARIOUS LOCATIONS ON OAHU, PHASE 1 PROJECT NO. HWY-O-06-14

The following amendments shall be made to the Bid Documents:

#### A. SPECIFICATIONS

- 1. Replace **Table of Contents** dated r4/15/16 with the attached **Table of Contents** dated r4/29/16.
- 2. Add Section 201 Clearing And Grubbing dated r4/29/16.

#### B. PROPOSAL

Replace Proposal Pages P-11 through P-18 dated 3/16/16 with the attached Pages P-11 through P-18 dated r4/29/16.

Please acknowledge receipt of this Addendum No. 3 by recording the date of its receipt in the space provided on page P-4 of the Proposal.

FORD N. FUCHIGAMI
Director of Transportation

## **TABLE OF CONTENTS**

Notice to Bidders

Instructions for Contractor's Licensing

Special Provisions Title Page

**Special Provisions** 

DIVISION 100 - GENERAL PROVISIONS						
Section	Description	Pages				
102	Bidding Requirements and Conditions	102-1a – 102-13a				
103	Award And Execution Of Contract	103-1a – 103-5a				
104	Scope of Work	104-1a – 104-2a				
105	Control Of Work	105-1a – 105-3a				
106	Material Restrictions and Requirements	106-1a				
107	Legal Relations and Responsibility To Public	107-1a – 107-5a				
108	Prosecution And Progress	108-1a – 108-2a				
109	Measurement and Payment	109-1a – 109-2a				

DIVISION 200 EARTHWORK					
Section	Description	Pages			
201	Clearing And Grubbing	201-1a			
203	Excavation And Embankment	203-1a			
206	Excavation And Backfill For Drainage Facilities	206-1a			
209	Temporary Water Pollution, Dust, and Erosion Control	209-1a - 209-31a			
212	Culvert Cleaning	212-1a – 212-2a			

	DIVISION 600 - INCIDENTAL CONSTRUCTION					
Section	Description	Pages				
602	Reinforcing Steel	602-1a				
621	Compost Filter Sock	621-1a – 621-4a				
	Sliplining of Culvert	627-1a – 627-5a				
630	Traffic Control Guide Signs	630-1a				
631	Traffic Control Regulatory, Warning, and	631-1a				
	Miscellaneous Signs					
641	Hydro-Mulch Seeding	641-1a				
657	Cured In Place Pipe Culvert	657-1a – 657-18a				
659	Erosion Control Matting	659-1a – 659-2a				
661	Cellular Grout	661-1a				
699	Mobilization	699-1a				

	DIVISION 700 - MATERIALS				
Section Description Pages					
719	Macro-Synthetic Fibers for Concrete Reinforcement	719-1a			
750	Traffic Control Sign And Marker Materials	750-1a-750-2a			

Requirements of Chapter 104, HRS Wages and Hours of Employees on Public Works Law

Proposal Title Page

 Proposal
 P-1 – P-10

 Proposal Schedule
 P-11 – P-18

Surety Bid Bond

Sample Form Title Page

Contract

Performance Bond (Surety)

Performance Bond

Labor and Material Payment Bond (Surety)

Labor and Material Payment Bond

Chapter 104, HRS Compliance Certificate

Certification of Compliance for Employment of State Residents

#### **END OF TABLE OF CONTENTS**

1	SECTION 201 - CLEARING AND GRUBBING
2 3	Make the following amendment to said Section:
4 5	"201.03 Construction.
6	
7	(G) Surface Restoration. All vegetative and tree clearing work
. 8	performed by the Contractor for access to the project area shall be
9	coordinated with the State. Areas with exposed bare soil as a result of the
10 11	Contractor's clearing operations shall be restored to pre-existing condition grade and stabilized with hydro seed. Areas where gradient is 1:1 or
12	steeper, contractor shall use temporary jute-type erosion such as GEOJUTE
13	Plus or approved equal. The Contractor shall perform these tasks prior to
14	demobilization from the project site. This work shall be considered
15	incidental to this contract item."
16	
17	
18	
19	
20	

**END OF SECTION 201** 

21

ITEM NO.	CONTRACT ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
112	Milepost 14.60 (H3) PID 400135				
201.0400	Clearing and Grubbing	LS	LS	LS	\$
209.0300	Installation, Maintenance, Monitoring, and Removal of BMP	LS	LS	LS	\$
209.0310	Additional Water Pollution, Dust, and Erosion Control	FA	FA	FA	\$ 20,000.00
503.0300	Concrete for Upstream Apron	LS	LS	LS	\$
603.0300	Clean Existing Culverts - Include Inlet and Outlet	FA	FA	FA	\$ 15,500.00
627.0300	Rehabilitation of Culvert	398	LF	\$_~_	\$
627.0310	Concrete Placed Beneath Culvert Invert	15	CY	\$	\$
645.0300	Traffic Control	LS	LS	LS	\$
645.0310	Additional Police Officers, Additional Traffic Control Devices, and Advertisement	FA	FA	FA	\$ 20,000.00
648.0300	Field-Posted Drawings	LS	LS	LS	\$
656.0300	Drilling Holes and Installing Reinforcing Bars	38	EA	\$	\$
696.0300	Maintenance of Trailers	FA	FA	FA	\$ 3,000.00
699.0300	Mobilization (Not to exceed 6% of the sum of all items excluding the bid price of this item)	LS	LS	LS	\$
	Sum of All Items - Milepost 14.60 (H3) PID 400135				\$

		APPROX.			
ITEM NO.	CONTRACT ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	Milepost 6.70 (Pali Hwy) PID 400241			-	
201.0400	Clearing and Grubbing	LS	LS	LS	\$
202.0400	Removal of Concrete Pilings	LS	LS	LS	\$
203.0400	Roadway Excavation	30	CY	\$	\$
205.0400	Excavation and Backfill for Retaining Structures	LS	LS	LS	\$
206.0400	Excavation and Backfill for Drainage Facilities	LS	LS	LS	\$
206.0410	Disposing of Surplus Material from Excavations	LS	LS	LS	\$
209.0400	Installation, Maintenance, Monitoring, and Removal of BMP	LS	LS	LS	\$
209.0410	Additional Water Pollution, Dust, and Erosion Control	FA	FA	FA	\$ 10,000.00
304.0400	Aggregate Base Course under CRM	LS	LS	LS	\$
501.0400	Structural Steel for Bollards	LS	LS	LS	\$
503.0400	Concrete for Upstream Apron	LS	LS	LS	\$
508.0400	Cement Rubble Masonry	LS	LS	LS	\$
621.0400	Permanent Compost Filter Sock	50	LF	\$	\$
627.0400	Rehabilitation of Culvert	290	LF	\$	\$

ITEM NO.	CONTRACT ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
ITEM NO.	Milepost 6.70 (Pali Hwy) PID 400241 - Cont'd	QUANTITY	UNIT	ONTI PRICE	AMOUNT
627.0410	Concrete Placed Beneath Culvert Invert	3	ĊY	\$	\$
641.0400	Hydro-Mulch Seeding	2700	SF	\$	\$
645.0400	Traffic Control	LS	LS	LS	\$
645.0410	Additional Police Officers, Additional Traffic Control Devices, and Advertisement	FA	FA	FA	\$ 20,000.00
648.0400	Field-Posted Drawings	LS	LS	LS	\$
659.0400	Anchored Erosion Control Mat	300	SY	\$	\$
696.0400	Maintenance of Trailers	FA	FA	FA	\$ 3,000.00
699.0400	Mobilization (Not to exceed 6% of the sum of all items excluding the bid price of this item)	LS	LS	LS	\$
	Sum of All Items - Milepost 6.70 (Pali Hwy) PID 400241				\$

ITEM NO.	CONTRACT ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
TI ZIII NOI	Milepost 1.30 (Kalanianaole Hwy) PID 400139				·
201.0400	Clearing and Grubbing	LS	LS	LS	\$
207.0500	Ditch and Channel Excavation	LS	LS	LS	\$
209.0500	Installation, Maintenance, Monitoring, and Removal of BMP	LS	LS	- LS	\$
209.0510	Additional Water Pollution, Dust, and Erosion Control	FÁ	FA	FA	\$ 20,000.00
501.0500	Structural Steel for Bollards	LS	LS	LS	\$
503.0500	Concrete for Upstream Apron	LS	LS	LS	\$
627.0500	Rehabilitation of Culvert	327	LF	\$	\$
627.0510	Concrete Placed Beneath Culvert Invert	55	CY	\$	\$
645.0500	Traffic Control	LS	LS	LS	\$
645.0510	Additional Police Officers, Additional Traffic Control Devices, and Advertisement	FA	FA	· FA	\$ 20,000.00
648.0500	Field-Posted Drawings	LS	LS	LS	\$
656.0500	Drilling Holes and Installing Reinforcing Bars	82	EA	\$	\$
696.0500	Maintenance of Trailers	FA	FA	FA	\$ 3,000.00
699.0500	Mobilization (Not to exceed 6% of the sum of all items excluding the bid price of this item)	LS	LS	LS	\$
Addendum No.	Sum of All Items - Milepost 1.30 (Kalanianaole Hwy) PID 400139				\$

ITEM NO.	CONTRACT ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
II EW IVO.	Milepost 2.40 (Kalanianaole Hwy) PID 400383				·
201.0600	Clearing and Grubbing	LS	LS	LS	\$
203.0600	Roadway Excavation	1	CY	\$	\$
203.0610	Borrowed Excavated Material	13	CY	\$	\$
206.0600	Excavation for Grouted Rubble Paving and Dumped Riprap	LS	LS	LS	\$
207.0600	Ditch and Channel Excavation	LS	LS	LS	\$
209.0600	Installation, Maintenance, Monitoring, and Removal of BMP	LS	LS	LS	\$
209.0610	Additional Water Pollution, Dust, and Erosion Control	FA	FA	FA	\$ 20,000.00
503.0600	Concrete for Upstream Apron	LS	LS	LS	\$
508.0600	Cement Rubble Masonry	LS	LS	LS	\$
612.0600	Grouted Rubble Paving	LS	LS	LS	\$
627.0600	Rehabilitation of Culvert	132	LF	\$	\$
627.0610	Concrete Placed Beneath Culvert Invert	2	CY	\$	\$
641.0600	Hydro-mulch Seeding	225	SF	\$	\$

		APPROX.		· · · · · · · · · · · · · · · · · · ·	T
ITEM NO.	CONTRACT ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	Milepost 2.40 (Kalanianaole Hwy) PID 400383 - Cont'd				
645.0600	Traffic Control	LS	LS	LS	\$
645.0610	Additional Police Officers, Additional Traffic Control Devices, and Advertisement	FA	FA	FA	\$ 10,000.00
648.0600	Field-Posted Drawings	LS	LS	LS	\$
655.0600	Dumped Riprap	LS	LS	LS	\$
659.0600	Anchored Erosion Control Mat	25	SY	\$	\$
696.0600	Maintenance of Trailers	FA	FA	FA	\$ 3,000.00
699.0600	Mobilization (Not to exceed 6% of the sum of all items excluding the bid price of this item)	LS	LS	LS	\$
	Sum of All Items - Milepost 2.40 (Kalanianaole Hwy) PID 400383				\$

ITEM NO.	CONTRACT ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
TI EM NO.	Milepost 4.66 (Likelike Hwy) PID 400083		<u> </u>		
201.0400	Clearing and Grubbing	LS	LS	LS	\$
202.0700	Removal of Existing Concrete Channel Invert	LS	LS	LS	\$
207.0700	Ditch and Channel Excavation	LS	LS	LS	\$
209.0700	Installation, Maintenance, Monitoring, and Removal of BMP	LS	LS	LS	\$
209.0710	Additional Water Pollution, Dust, and Erosion Control	FA	FA	FA	\$ 20,000.00
503.0700	Concrete for Upstream and Downstream Apron and Headwall	LS	LS	LS	\$
508.0700	Cement Rubble Masonry	LS	LS	LS	\$
627.0700	Rehabilitation of Culvert	206	LF	\$	\$
627.0710	Concrete Placed Beneath Culvert Invert	6	CY	\$	\$
645.0700	Traffic Control	LS	LS	LS	\$
645.0710	Adultional Folice Officers, Adultional Traffic Control Devices, and	FA	FA	FA	\$ 20,000.00
648.0700	Field-Posted Drawings	LS	LS	LS	\$
696.0700	Maintenance of Trailers	FA	FA	FA	\$ 3,000.00
699.0700	Mobilization (Not to exceed 6% of the sum of all items excluding the bid price of this item)	LS	LS	LS	\$
	Sum of All Items - Milepost 4.66 (Likelike Hwy) PID 400083				\$

Proposal Summary		
1	Milepost 14.60 (H3) PID 400135	\$
2	Milepost 6.70 (Pali Hwy) PID 400241	\$
3	Milepost 1.30 (Kalanianaole Hwy) PID 400139	\$
4	Milepost 2.40 (Kalanianaole Hwy) PID 400383	\$
5	Milepost 4.66 (Likelike Hwy) PID 400083	\$
	SUM OF ALL CONTRACT ITEMS	\$
NOTE:	Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bid.	
ı		