

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

**ADDENDUM NO. 3
for
GUARDRAIL AND SHOULDER IMPROVEMENTS,
AT VARIOUS LOCATIONS, PHASE 2, OAHU
FEDERAL AID PROJECT NO. NH-0300(166)**

The following amendments shall be made to the Bid Documents:

A. SPECIFICATIONS

1. Replace Pages 606-1a to 606-2a dated r7/27/22 with the attached Pages 606-1a to 606-2a dated r11/7/22.

B. PROPOSAL

1. Replace Pages P-8 to P-9 dated 09/19/22 with the attached Pages P-8 to P-9 dated r11/7/22,

C. PLANS

1. Replace Plan Sheets Nos. 3, 20, and 22 dated September 2022 with the attached Plan Sheet Nos. ADD. 3, ADD. 20, and ADD. 22 dated November 2022.
2. Add the attached Signing and Marking Plans ADD. 22 S-1 and ADD. 22 S-2 dated November 2022.

D. ANSWERS TO RFI QUESTIONS

1. Attached are the answers to the RFI questions for your information.

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.



Jade T. Butay
Director of Transportation

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(I) Amend 606.04 - Measurement by replacing lines 116 to 118 to read:

(A) The Engineer will measure guardrail per linear foot in accordance with the contract documents.

The Engineer will measure rigid barrier type guardrail per linear foot from end to end of the type specified.

- (1) as units of each kind when specified in the proposal or
- (2) include in the quantities of guardrail of the respective type and not measured separately

“606.05 Payment. The Engineer will pay for the accepted pay items listed below at contract price per pay unit, as shown in the proposal schedule. Payment will be full compensation for the work prescribed in this section and the contract documents.

Pay Item	Pay Unit
Thrie-Beam Guardrail and 8" Offset Block	Linear Foot
Guardrail Type, 31" W-Beam Standard 8" Offset Block	Linear Foot
Terminal Section Type, SKT-350 or Equivalent	Each
Terminal Section Type, FLEAT TL-2 or Equivalent	Each

48		
49	Terminal Section Type, Trailing-End Anchorage System	Each
50		
51	W-Beam End Section (Flared RWE01a)	Each
52		
53		
54	END OF SECTION 606	

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
201.1000	Clearing and Grubbing	L.S.	L.S.	L.S.	\$ _____
202.1000	Removal of Structures and Obstructions: Guardrail and Offset Block	16,800	L.F.	\$ _____	\$ _____
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.	\$ <u>20,000.00</u>
606.0100	Thrie-Beam Guardrail and 8" Offset Block	1,000	L.F.	\$ _____	\$ _____
606.0200	Guardrail Type, 31" W-Beam Standard 8" Offset Block	14,000	L.F.	\$ _____	\$ _____
606.2000	Terminal Section Type, SKT-350 or Equivalent	4	Each	\$ _____	\$ _____
606.3000	Terminal Section Type, FLEAT TL-2 or Equivalent	6	Each	\$ _____	\$ _____
606.4000	Terminal Section Type, Trailing-End Anchorage System	1	Each	\$ _____	\$ _____
606.5000	W-Beam End Section (Flared RWE01a)	1	Each	\$ _____	\$ _____
636.10000	Additional E-Construction Programs, additional licenses or additional equipment	F.A.	F.A.	F.A.	\$ <u>10,000.00</u>
643.0100	Maintenance of Existing Landscape Areas	F.A.	F.A.	F.A.	\$ <u>15,000.00</u>
645.0100	Traffic Control	L.S.	L.S.	L.S.	\$ _____

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
645.0200	Additional Police Officers, Additional Control Devices, and Advertisement	F.A.	F.A.	F.A.	\$ <u>60,000.00</u>
648.0100	Field-Posted Drawings	L.S.	L.S.	L.S.	\$ _____
696.1000	Maintenance of Trailers	F.A.	F.A.	F.A.	\$ <u>30,000.00</u>
699.1000	Mobilization (Not to Exceed 6 Percent of the Sum of All Items Excluding the Bid Price of this Item)	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.					

**Questions for solicitation: B23000553 NH-0300(166) Guardrail and Shoulder
Imp. at Var. Loc., Ph 2
11/7/2022**

1. Are Post mounted Advisory Boards (Notice to Motorist) Required Per Spec 645.03(G) Advisory Signs. Submit advisory sign shop drawings. Construct, install, maintain, and remove two advisory signs as ordered by the Engineer. Place signs at locations designated by the Engineer. Provide signs, minimum 8 feet wide by 4 feet high, with black letters on orange background, and with three 4,000 pounds/foot flanged channel posts for each sign? If so, can you please provide the locations?

Yes. Contractor shall submit proposed traffic control plan for approval by the Engineer.

2. Are post mounted Construction Signs (Road Work Ahead& End Road Work) required per spec 645.03 (B)Construction Signs. Erect construction signs at the beginning of project and at the end of project at the location indicated by the Engineer These signs shall remain for the duration of the highway project. Maintain these signs. Place these signs besides the required traffic control signs called for herein? If so, can you please provide the quantity and locations?

Yes. Contractor shall submit proposed traffic control plan for approval by the Engineer. Bid accordingly.

3. Can used signs, posts and hardware be used for Advisory and Construction Work Zone Signs if they are required for the project?

Used signs, posts, and hardware for temporary use must be requested and approved by the Engineer.

4. Is paving required under guardrail per detail? If so can you please provide a pay item?

Paving may be required under the guardrail depending on the location. Paving under the guardrail shall be considered incidental per Sheet 3, Note 25

5. Is paving required for all guardrail locations? Can you please clarify which locations will or will not require paving?

Paving may be required under the guardrail depending on the location. Paving under the guardrail shall be considered incidental per Sheet 3, Note 25

6. Do all locations MGS guardrail meet the MASH requirement for deflection behind the guardrail?

The project's design meets the State's current design standards.

7. On Kalanianaʻole Hwy location, currently there seems to be double sided guardrail installed, if the new guardrail posts are supposed to be in the same location, but there is no pay item for double sided guardrail, can you please clarify?

Double-sided guardrail shall remain in place and will be considered incidental, please bid accordingly.

8. Is MGS guardrail allowed to be installed behind curbs / curb and gutters?

Yes.

9. The Guardrail pay item quantities 606.0100 to 606.07000 do not seem to match the call outs on the plan sheets, can you please clarify the call outs and the pay item quantities?

As some lengths are considered incidental, please bid accordingly.

10. There seems to be Thrie Beam Guardrail currently installed at the Kalanianaʻole Location - this Thrie Beam has reduced post spacing, Is this close post spacing required for the Thrie Beam pay item? Can you please provide detail for the post spacing? Does this reduced post spacing of Thrie Beam Guardrail meet current MASH standards?

Contractor shall utilize existing post locations and modify thrie beam to match field conditions accordingly with approval of the Engineer.