

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

ADDENDUM NO. 4

For

**MAMALAHOA HIGHWAY
SAFETY IMPROVEMENTS
MILE POST 3.90 TO MILE POST 6.90**

FEDERAL AID PROJECT NO. HSIP-0190(017)

The following amendments shall be made to the Bid Documents:

A. PROPOSAL

1. Replace PROPOSAL SCHEDULE pages P-8 to P-10 dated r3/2/21 with PROPOSAL SCHEDULE pages P-8 to P-10 dated 6/4/21.

B. SPECIFICATIONS

1. Replace Special Provision Section 631 dated 6/9/20 with Special Provision Section 631 dated 6/4/21.

C. PLANS

1. Replace Plan Sheet No. ADD. 25 dated 2/23/21 with attached Plan Sheet No. ADD. 25 dated 6/4/21.

The following is provided for information:

A. CONTRACTOR'S RFI

1. The responses to Contractor's RFI are attached for your information.

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



JADE T. BUTAY
Director of Transportation

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
202.0100	Removal of Guardrail	480	LF	\$ _____	\$ _____
202.0300	Removal of Traffic Sign and Post	55	EA	\$ _____	\$ _____
203.0100	Roadway Excavation	2000	CY	\$ _____	\$ _____
209.0100	Installation, Maintenance, Monitoring, and Removal of BMP	LS	LS	LS	\$ _____
209.0200	Additional Water Pollution, Dust, and Erosion Control	FA	FA	FA	\$ <u>90,000.00</u>
304.0100	Aggregate Base	4,000	CY	\$ _____	\$ _____
401.0400	HMA Pavement, Mix No. IV	3,300	TN	\$ _____	\$ _____
415.0100	Cold Planing	21,000	SY	\$ _____	\$ _____
603.0200	Clean Existing Culverts	FA	FA	FA	\$ <u>30,000.00</u>
606.3110	Guardrail Type Strong Post W-Beam	1,000	LF	\$ _____	\$ _____
606.5100	Terminal Section Type MSKT-SP-MGS	12	EA	\$ _____	\$ _____
615.0100	Milled Rumble Strip, Edgeline	29,850	LF	\$ _____	\$ _____
615.0200	Milled Rumble Strip, Centerline	15,550	LF	\$ _____	\$ _____
619.0100	Ground Cover Restoration	900	SY	\$ _____	\$ _____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.1010	Single Yellow 4-Inch Pavement Striping (Thermoplastic Hot Spray)	3,600	LF	\$ _____	\$ _____
629.1012	Double Yellow 4-Inch Pavement Striping (Thermoplastic Hot Spray)	12,500	LF	\$ _____	\$ _____
629.1015	Single White 6-Inch Pavement Striping (Thermoplastic Hot Spray)	33,000	LF	\$ _____	\$ _____
629.1020	Single White 8-Inch Pavement Striping (Thermoplastic Hot Spray)	600	LF	\$ _____	\$ _____
629.1030	Single Yellow 12-Inch Pavement Striping (Thermoplastic Hot Spray)	70	LF	\$ _____	\$ _____
629.1032	Single White 12-Inch Pavement Striping (Thermoplastic Hot Spray)	370	LF	\$ _____	\$ _____
629.3010	Pavement Arrow (Thermoplastic Hot Spray)	3	EA	\$ _____	\$ _____
629.4020	Type C Pavement Marker	870	EA	\$ _____	\$ _____
629.4030	Type D Pavement Marker	740	EA	\$ _____	\$ _____
629.4040	Type H Pavement Marker	90	EA	\$ _____	\$ _____
631.0400	Mile Post Sign	4	EA	\$ _____	\$ _____
631.0600	Warning Sign (10 Square Feet or Less)	102	EA	\$ _____	\$ _____
636.0100	E-Construction	FA	FA	FA	\$ <u>91,400.00</u>
645.0100	Traffic Control	LS	LS	LS	\$ _____

Addendum No. 4

HSIP-0190(017)

6/4/21

P-9

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
645.2000	Additional Police Officers, Additional Traffic Control Devices And Advertisement	FA	FA	FA	\$ <u>60,000.00</u>
648.0100	Field-Posted Drawings	LS	LS	LS	\$ _____
696.0100	Field Office Trailer (Not to Exceed \$50,000.00)	LS	LS	LS	\$ _____
696.0200	Maintenance of Trailers	FA	FA	FA	\$ <u>22,000.00</u>
699.1000	Mobilization (Not to Exceed 6 Percent of the Sum of All Items Excluding the Bid Price of this Item)	LS	LS	LS	\$ _____

a. Sum of All Items \$ _____

- NOTES:
1. Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bid.
 2. The "Sum of All Items" will be used to determine the lowest responsible bidder.
 3. Bid shall include all Federal, State, County, and other applicable taxes.

SECTION 631 – TRAFFIC CONTROL, REGULATORY, WARNING, AND MISCELLANEOUS SIGNS

Make the following amendment to said Section:

(I) Amend Section 631.03(A) – Sign Supports, by adding the following at the end of the paragraph on line 22:

"All new and existing sign posts shall have object markers installed on them; the object marker type shall be as shown on the plans."

(II) Amend Section 631.03(C) – Labeling of Signs, from lines 42 to 51 to read:

“(C) Labeling of Signs. Label back of each sign with sign stickers as directed by the State. Sign stickers will be provided by the State.”

(III) Amend Section 631.04 – Measurement by replacing lines 67 to 69 to read:

“631.04 Measurement. The Engineer will measure regulatory, warning, and miscellaneous signs as complete units of the type and design specified in the proposal.

The Engineer will not measure removal and disposal and storing of existing and temporary signs that the Contractor will not incorporate in the completed highway for payment.”

(IV) Amend Section 631.05 – Payment by replacing lines 71 to 99 to read as follows:

“631.05 Payment. The Engineer will pay for regulatory, warning, and miscellaneous signs at the contract price per each for the type and design specified complete in place. Payment will be full compensation for excavating and backfilling, furnishing and installing materials, furnishing equipment, tools, labors and incidentals necessary to complete the work.

The Engineer will not pay for removing and disposing or storing of existing and temporary signs that the Contractor will not incorporate in the completed highway separately. The Engineer will consider them incidental to the various contract items.

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

Pay Item	Pay Unit
Warning Sign (10 Square Feet or Less)	Each

48
49
50
51
52
53
54
55
56
57
58
59
60
61

_____ Sign

Each

The Engineer will not pay for removing and delivering of existing signs that will not be incorporated in the completed project; painting of the sign posts; labeling of new signs; removing, salvaging or storing of existing posts; and removing, cleaning, stacking and delivering the existing signs and posts that are not incorporated in the completed project separately and will consider the cost as included in the unit prices for the various traffic control, regulatory, warning and miscellaneous sign Contract pay items. The cost is for the work prescribed in this section and the contract documents."

END OF SECTION 631

CONTRACTOR'S RFI

QUESTIONS FOR SOLICITATION: B21001228 MAMALAHOA HIGHWAY SAFETY IMPROVEMENTS MP 3.90 to MP 6.90 06/01/2021

1. Are 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 4,00 pounds/foot flanged channel posts for each sign? If so can you please provide the locations?

See Addendum No. 1.

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?

See Addendum No. 1.

3. Are Construction Work Zone Signs Required for this project - Typically Construction Area/Reduced Speed XX/\$250 Fine, Begin/Construction Area/Speed Limit XX/\$250 Fine, End/Construction Area/Speed Limit YY sign sets installed on posts. If so can you please provide quantity and locations?

See Addendum No. 1.

4. re post mounted Construction Signs (Road Work Ahead & End Road Work) required on side streets? If so can you please provide quantity and locations?

See Addendum No. 1.

5. Can a Soft Stop TL-3 be used as an approved equal for pay item 606.5100 Terminal Section Type MSKT-SP-MGS, also drawn on sheet 11?

See Addendum No. 1.

6. On Sheet 18 at STA 235+20 to 237+60 - typical of 4 corners of culvert - there is a call out to remove 38+/- feet of guardrail and install New GR and MSKS-SP-MGS (Assume MSKT-SP-MGS). Currently there is rub rail over the culvert, and to transition to MGS GR and MSKT there will need to be a transition section from strong post to MGS GR 25LF to 28'-1 1/2" that is required. With the transition length the plus the MSKT you will need approximately 78-80 LF. Can you please clarify if this is the intention of the call outs for the four culvert guardrail ends?

See Addendum No. 1.

7. There are multiple call outs for MSKS-SP-MGS, can you please clarify if this call is a typo and should be MSKT-SP-MGS?

See Addendum No. 1.

8. There are multiple call outs for signs on the project that are larger than 10 SF, but the legend has only one post shown, example: on sheet 15 at STA 170+00 there is a call out for (2) W1-8 36"x 48". Typically for signs larger than 10 SF requires two posts, and the legend typically drawn has two posts. Can you please clarify if the intention is for the signs to be installed on one post or if the legend depicted is not correct?

See Addendum No. 1.

9. On sheet 14 STA 154+50 there is a call out for Remove Existing "Do Not Enter" Sign and install on new post. Can you please clarify what pay item this will be paid under?

See Addendum No. 1.

10. On sheets 12 thru 19 there is a call out for Type II Object Markers to be places on each post new or existing. Can you please clarify if there are two each Type II Object markers per post, as it calls out for one facing each direction of traffic?

See Addendum No. 1.

11. On sheets 12 thru 19 there is a call out for Type II Object Markers to be places on each post new or existing. Can you please provide a quantity as there seems to be signs on the project that are not

listed in the plans and signs in the plans that are not out on the job site? - Is it possible to provide a pay item as the quantity seems to be over 200 Type II Object Markers to be installed?

See Addendum No. 1.

12. Can you please clarify if the sign posts need to be painted yellow?

See Addendum No. 1.

13. On sheet there is a call out for a stop sign at STA 240+80 - install new sign w/ post, can you please provide pay item for this call out?

See Addendum No. 1.

14. Proposal Page P-5 and P-6 contains categories to list Subcontractors, Joint Contractor, Supplier, and Manufacturer. There is no category to list DBE service providers such as Trucking. Will the State consider including a separate section for this? If not, where should the contractor list service providers since they don't fall into any listed categories?

See Addendum No. 1.

15. DBE Requirements Section V(B) requires, manufacturers, suppliers, and any second tier subcontractor to be listed in the proposal. Does this also pertain to DBE companies that are not subcontractors, manufacturers or suppliers?

See Addendum No. 1.

16. DBE Requirements Section VI (G) lists factors used in counting DBE Participation for trucking companies. Since a contractor's license is not required to perform trucking services, all trucking rates are the same for all trucking companies, and Section VIII (3) directs the contractor to break up portions of work to "increase the likelihood that a DBE will be able to participate", how and where should the contractor list Trucking companies for the same service? No DBE trucking company has enough trucks to supply this project, therefore, multiple trucking companies will have to be used

See Addendum No. 1.

17. Was an existing topographic survey conducted for this project? If so, can this be made available prior to bid?

See Addendum No. 1.

18. Are there any cross section data showing the existing conditions of the ground beyond the edge of pavement?

See Addendum No. 1.

19. What is the thickness of the existing pavement structure?

See Addendum No. 1.

20. According to specification section 203.05, "The Engineer will not pay for embankment separately and will consider the cost as included in the unit price for roadway excavation". How will this pay item work for embankment only situations as the item is paid per CY of excavation only? No excavation will be conducted in these situations and therefore has no basis for payment. Can we add an embankment pay item or change the unit of measure to an alternate unit?

See Addendum No. 1.

21. Is there a geotechnical report for this project?

See Addendum No. 1.

22. As you know, between the time the original bid date was postponed and the publishing of the new bid date the subject section of Mamalahoa Highway was repaved across the full roadway section. This repaving changed the thickness of the roadway shoulder to be removed per the plans and specifications. Please provide guidance on how to best account for the new thicknesses of roadway pavement and the fact that such information is not reflected in the current set of plans?

Bid per the plans.

23. Can the contractor keep the AC grindings from the shoulder?

Yes. Contractor responsible for loading, hauling, stockpiling, and obtaining required permits.

24. Clearly the change is AC thickness due to the new roadway paving performed between April 19th and end of May will require additional aggregate depth to build up the shoulder section suitable to

meet compaction requirements below the AC pavement section? Will aggregate used to build up the shoulder section be paid for separately? If not, how will such added scope quantity be paid for?

Bid per the plans.

25. Follow up to question and answer #6 - answer provided in Add 1 HDOT response: Yes, install transition section between strong post and MSKT end treatment. Can you please clarify what is Quantity and Pay item this transition section will be paid under?

In Item 606.3110. No change in quantity necessary.

26. For pay item 631.0500 Warning Sign (More than 10 Square Feet) - 4 Each - can you please clarify what this pay item is for, as there seems to be no call outs for signs larger than 10 SF (other than Road Work Ahead on Sheet Add 25 and Add 25S-1)?

Delete item 631.0500.

27. Are the Construction Area/Reduced Speed XX/\$250 Fine, Begin/Construction Area/Speed Limit XX/\$250 Fine, End/Construction Area/Speed Limit YY sign sets installed on posts on Sheet Add 25S-1 required on Saddle Road in conjunction with the Road Work Ahead and End Road Work signs called out on Add 25??

Yes. Note added to Add. 25.