

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ADDENDUM NO. 1

for

**FORT BARRETTE ROAD OPERATIONAL IMPROVEMENTS
ROOSEVELT AVENUE TO FARRINGTON HIGHWAY
PROJECT NO. 901A-01-19
DISTRICT OF EWA
ISLAND OF OAHU**

This addendum shall make the following amendments to the Bid Documents:

A. NOTICE TO BIDDERS

1. Prospective bidders are hereby notified that receiving of sealed proposals scheduled for March 12, 2020, will be postponed and rescheduled for 2:00 P.M., March 19, 2020. The attached NOTICE TO BIDDERS shall be incorporated and made a part of the NOTICE TO BIDDERS.

B. PROPOSAL SCHEDULE

1. Replace Proposal Schedule pages P-11 through P-17 dated 2/3/2020 with the attached revised Proposal Schedule pages P-11 through P-17 dated 2/21/2020.

C. PLANS

1. Replace Plan Sheets No. 12, 13, 14, 15, 16, 20, 30, and 37 with the attached revised Plan Sheets No. ADD. 12, ADD. 13, ADD. 14, ADD. 15, ADD. 16, ADD. 20, ADD. 30, and ADD. 37.

The following is provided for information.


D. PRE-BID MEETING MINUTES

1. Attached are the February 14, 2020 Pre-bid Meeting Minutes and Attendance Sheet for your information.

E. ANSWERS TO QUESTIONS FROM PROSPECTIVE BIDDER

1. Attached are RFI's and responses 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.



JADE T. BUTAY
Director of Transportation

NOTICE TO BIDDERS

The receiving of sealed proposals for **FORT BARRETTE ROAD OPERATIONAL IMPROVEMENTS, ROOSEVELT AVENUE TO FARRINGTON HIGHWAY, PROJECT NO. 901A-01-19, DISTRICT OF EWA, ISLAND OF OAHU**, at the Contracts Office, Department of Transportation, 869 Punchbowl Street, Honolulu, Hawaii 96813, scheduled for 2:00 P.M., March 12, 2020, is hereby POSTPONED UNTIL 2:00 P.M., March 19, 2020, at which time and place they will be publicly opened and read.



JADE T. BUTAY
Director of Transportation

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
202.1000	Removal of Existing Chain Rail and Posts	L.S.	L.S.	L.S.	\$ _____
202.2000	Removal of Existing Irrigation Pipes	L.S.	L.S.	L.S.	\$ _____
203.0100	Roadway Excavation	1,244	C.Y.	\$ _____	\$ _____
203.0200	Borrow Excavated Material	860	C.Y.	\$ _____	\$ _____
204.1000	Trench Excavation for Shared Use Path	2,230	C.Y.	\$ _____	\$ _____
204.2000	Trench Backfill for Shared Use Path (Recycled Asphalt Pavement Placement and Compaction)	L.S.	L.S.	L.S.	\$ _____
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>60,000.00</u>
301.1000	Hot Mix Asphalt Base Course	1,070	Ton	\$ _____	\$ _____
305.1000	Aggregate Subbase	1,220	C.Y.	\$ _____	\$ _____
315.1000	Non-Woven Geotextile Fabric (Shared Use Path)	4,300	S.Y.	\$ _____	\$ _____
401.1000	HMA Pavement, Mix No. IV	4,746	Ton	\$ _____	\$ _____
401.1100	HMA Pavement, Mix No.IV (Under the guardrail)	32	Ton	\$ _____	\$ _____
401.2000	HMA Pavement, Mix No. IV (Shared Use Path)	810	Ton	\$ _____	\$ _____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
414.0100	Excavation of Weakened Pavement Areas	173	C.Y.	\$ _____	\$ _____
415.1000	Cold Planing	27,350	S.Y.	\$ _____	\$ _____
603.9000	Clean Existing Culverts	F.A.	F.A.	F.A.	\$ <u>60,000.00</u>
604.0100	Type D Catch Basin (3.00 to 3.99 Feet)	2	EA	\$ _____	\$ _____
604.1000	Adjusting HECO Manhole Cast Iron Frame and Cover	3	EA	\$ _____	\$ _____
604.2000	Adjusting Hawaiian Telcom Manhole Cast Iron Frame and Cover	5	EA	\$ _____	\$ _____
604.3000	Adjusting TV (Spectrum) Manhole Cast Iron Frame and Cover	2	EA	\$ _____	\$ _____
604.4000	Adjusting Traffic Signal Pullbox Frame and Cover	3	EA	\$ _____	\$ _____
604.4100	Adjusting Traffic Signal Pullbox Frame and Cover (Shared Use Path)	2	EA	\$ _____	\$ _____
604.5000	Adjusting Street Light Pullbox Frame and Cover	3	EA	\$ _____	\$ _____
604.5100	Adjusting Street Light Pullbox Frame and Cover (Shared Use Path)	4	EA	\$ _____	\$ _____
606.1000	Guardrail Type MGS	1,250	L.F.	\$ _____	\$ _____
606.2000	Terminal Section Type MGS	2	EA	\$ _____	\$ _____
612.1000	Grouted Rubble Paving	8	C.Y.	\$ _____	\$ _____

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
621.1000	EVC System	L.S.	L.S.	L.S.	\$ _____
623.1010	Traffic Signal System (Kapolei Parkway)	L.S.	L.S.	L.S.	\$ _____
623.1020	Traffic Signal System (Roosevelt Avenue)	L.S.	L.S.	L.S.	\$ _____
623.2010	Traffic Signal Interconnect	L.S.	L.S.	L.S.	\$ _____
626.1000	Adjusting BWS Water Manhole Frame and Cover	3	EA	\$ _____	\$ _____
626.2000	Adjusting BWS Water Meter Frame and Cover	1	EA	\$ _____	\$ _____
626.3000	Adjusting BWS Water Standard Valve Box	1	EA	\$ _____	\$ _____
626.4000	Adjusting Sewer Manhole Frame and Cover (Shared Use Path)	1	EA	\$ _____	\$ _____
627.1001	Pathway Lighting System	L.S.	L.S.	L.S.	\$ _____
627.1002	Power System for Traffic Signal and Railroad Crossing Controllers	L.S.	L.S.	L.S.	\$ _____
629.1010	Double 4-Inch Pavement Striping (Thermoplastic Extrusion)	6,127	L.F.	\$ _____	\$ _____
629.1011	4-Inch Pavement Striping (Thermoplastic Extrusion)	1,282	L.F.	\$ _____	\$ _____
629.1012	4-Inch Pavement Striping – Guide Line (Thermoplastic Extrusion)	2,816	L.F.	\$ _____	\$ _____
629.1013	4-Inch Pavement Striping – Shared-Use Path (Thermoplastic Extrusion)	12,870	L.F.	\$ _____	\$ _____

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.1014	6-Inch Pavement Striping (Thermoplastic Extrusion)	12,540	L.F.	\$ _____	\$ _____
629.1015	8-Inch Pavement Striping (Thermoplastic Extrusion)	2,404	L.F.	\$ _____	\$ _____
629.1016	12-Inch Pavement Striping – Diagonal (Thermoplastic Extrusion)	1,293	L.F.	\$ _____	\$ _____
629.2010	12-Inch Stop Bar (Thermoplastic Extrusion)	341	L.F.	\$ _____	\$ _____
629.2011	24-Inch Stop Bar (Thermoplastic Extrusion)	50	L.F.	\$ _____	\$ _____
629.2012	4-Inch Lane Striping (10-Foot Profiled Thermoplastic Extrusion)	1,287	L.F.	\$ _____	\$ _____
629.3010	Crosswalk Marking (Thermoplastic Extrusion)	33	Lane	\$ _____	\$ _____
629.3011	Pavement Arrows (Thermoplastic Extrusion)	66	EA	\$ _____	\$ _____
629.3012	Pavement Word (Thermoplastic Extrusion)	12	EA	\$ _____	\$ _____
629.3013	Pavement Symbol – Yield Line (Thermoplastic Extrusion)	4	EA	\$ _____	\$ _____
629.3014	Pavement Symbol – Railroad Crossing (Thermoplastic Extrusion)	2	EA	\$ _____	\$ _____
629.3015	Pavement Symbol – Bike Lane (Thermoplastic Extrusion)	4	EA	\$ _____	\$ _____
629.4010	Type “C” Pavement Marker	506	EA	\$ _____	\$ _____
629.4011	Type “D” Pavement Marker	72	EA	\$ _____	\$ _____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.4012	Type "F" Pavement Marker (Fire Hydrant)	6	EA	\$ _____	\$ _____
629.4013	Type "H" Pavement Marker	290	EA	\$ _____	\$ _____
629.5010	Curb Markings – Shared-Use Path (Paint, White)	2,462	L.F.	\$ _____	\$ _____
629.5011	Tubular Delineator – Shared-Use Path (36" high, White)	207	EA	\$ _____	\$ _____
631.1010	Regulatory Sign (10 Square Feet or Less)	4	EA	\$ _____	\$ _____
631.1020	Regulatory Sign (10 Square Feet or Less) with Post(s)	31	EA	\$ _____	\$ _____
631.1030	Regulatory Sign (More than 10 Square Feet) with Post(s)	13	EA	\$ _____	\$ _____
631.2010	Warning Sign (10 Square Feet or Less)	6	EA	\$ _____	\$ _____
631.2020	Warning Sign (10 Square Feet or Less) with Post(s)	12	EA	\$ _____	\$ _____
631.3010	Directional Sign (10 Square Feet or Less)	12	EA	\$ _____	\$ _____
631.3020	Directional Sign (10 Square Feet or Less) with Post(s)	6	EA	\$ _____	\$ _____
631.4010	Relocation of Existing Sign with New Post(s)	4	EA	\$ _____	\$ _____
632.0200	Reflector Marker (RM-5, White) Mounted on New Guardrail	59	EA	\$ _____	\$ _____
632.0400	Milepost Marker with Post (Bi-Directional)	2	EA	\$ _____	\$ _____

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
634.1000	Portland Cement Concrete Sidewalk	249	S.Y.	\$ _____	\$ _____
634.2000	Portland Cement Concrete Ramp	L.S.	L.S.	L.S.	\$ _____
638.1000	Curb, Type 2D	343	L.F.	\$ _____	\$ _____
638.1010	City & County Concrete Curb	9	L.F.	\$ _____	\$ _____
638.2000	Curb and Gutter, Type 2DG	32	L.F.	\$ _____	\$ _____
638.2010	City & County Integral Curb & Gutter	229	L.F.	\$ _____	\$ _____
638.2020	Modified Gutter	9	L.F.	\$ _____	\$ _____
638.3000	Pre-Cast Concrete Parking Curb	L.S.	L.S.	L.S.	\$ _____
641.0100	Hydro-mulch Seeding	L.S.	L.S.	L.S.	\$ _____
643.0200	Maintenance of Existing Landscape Areas	F.A.	F.A.	F.A.	\$ <u>5,000.00</u>
645.0100	Traffic Control	L.S.	L.S.	L.S.	\$ _____
645.0200	Additional Police Officers, Additional Traffic Control Devices, and Advertisement	F.A.	F.A.	F.A.	\$ <u>80,000.00</u>
648.0100	Field-Posted Drawings	L.S.	L.S.	L.S.	\$ _____
650.1000	Curb Ramp, Type A	L.S.	L.S.	L.S.	\$ _____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
650.2000	Curb Ramp, Type B Modified	L.S.	L.S.	L.S.	\$ _____
650.3000	Modification of Existing Curb Ramp, Type C	L.S.	L.S.	L.S.	\$ _____
650.4000	Curb Ramp, Type D	L.S.	L.S.	L.S.	\$ _____
650.5000	Detectable Warning Mat	7	EA	\$ _____	\$ _____
660.1000	Railroad Signal System	L.S.	L.S.	L.S.	\$ _____
661.1000	Railroad Track Construction	L.S.	L.S.	L.S.	\$ _____
694.1000	Longitudinal Channelizing Curb System	27	Unit	\$ _____	\$ _____
696.1000	Maintenance of Trailers	F.A.	F.A.	F.A.	\$ <u>50,000.00</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.	\$ _____
<p style="text-align: right;">Total Amount for Comparison of Bids \$ _____</p> <p>NOTE: Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bid.</p>					

PRE-BID MEETING MINUTES

Subject: Fort Barrette Road Operational Improvements, Roosevelt Avenue to Farrington Highway
Project No. 901A-01-19

Location: HDOT HWY-DD conference room, Kapolei

Date: February 14, 2020, 10:00 a.m.

Attendees: See attached list of attendees.

- A. Sign-in sheet circulated. Meeting was called to order at about 10:10 a.m.
- B. Reminder: All questions must be submitted in writing or via email. All RFIs must be submitted via email by February 27 (14 days prior to bid opening). Questions received after the deadline will not be addressed.
- C. A prospective bidder brought to our attention that the bid opening date of March 12, 2020, coincides with a very large Construction Expo which occurs every 3 years, and most of the contractors on island will be attending the Expo which runs from March 10-14. They requested for the bid opening date to be pushed back.
- D. Prospective bidders will submit their questions via email.
- E. Meeting was adjourned at about 10:30 a.m.

MEETING ATTENDANCE

PROJECT NO.: 901A-01-19

[illegible]

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

**Project: FORT BARRETTE ROAD OPERATIONAL IMPROVEMENTS,
ROOSEVELT AVENUE TO FARRINGTON HIGHWAY
PROJECT NO. 901A-01-19**

Prospective bidders had emailed RFI's. Questions and responses are as follows:

1. On the proposal, you have a quantity of 1,250 LF of Guardrail type MGS, but in the plans there is a call out for 1350 LF of new MGS guardrail on sheet 37. Please clarify whether the proposal or plans are correct.

Response: See Addendum No. 1 for clarification

2. Regarding proposal item no. 315.1000 Non-Woven Geotextile Fabric (Shared Use Path), the proposal quantity calls out for 4,300 SY, but when taking just the area of path 3, I got a quantity of about 2,900 SY. When all 3 paths are combined, I have an approximate quantity of 7,000 SY. Please advise where the geotextile fabric will be placed and if the proposal quantity is correct.

Response: The quantity in the proposal schedule is correct. The plans are incorrect. See Addendum No. 1 for clarification.

3. Proposal item no. 301.1000 Hot Mix Asphalt Base Course has a quantity of 87 tons called out, but the amount of Hot Mix Asphalt Base course for the recon area easily exceeded the proposal quantity. Please clarify what items of work the 87 tons of Asphalt base course is incidental to.

Response: The quantity in the proposal schedule is revised. There is no incidental work. See Addendum No. 1 for clarification

4. Proposal item no 305.1000 Aggregate Subbase has a quantity of 1,300 CY, but the quantity of subbase for the road widening and concrete work seems far less. Please clarify any other work that are incidental to this proposal item.

Response: The quantity in the proposal schedule is revised. There is no incidental work. See Addendum No. 1 for clarification.

5. For the typical section Enterprise Street Sta. 1+22.31 to Sta 8+00 does not match the roadway plans on page 34. The existing shoulder line on the roadway plan is in the new shared use path but the typical section shows it to be outside of the shared use path. Please provide a new typical section for Sta.2+00 to 6+00 for Fort Barrette Road.

Response: Will provide a partial typical section from BL Sta. 2+00 to 5+75. See Addendum No. 1 for clarification.

6. Assuming pay item 606.2000 Terminal Section Type MGS is related to the call out on sheet 37, as there are many different types of end treatments that can be connected to MGS guardrail, can you please clarify if the end treatment is supposed to be a tangent system like MSKT or Softstop, or if another type of system is to be used?

Response: See Addendum No. 1 for clarification.

7. Can you please provide the height of the delineator posts for pay item 694.1000 – Longitudinal Channelizing Curb System – 27 Units per sheet 62?

Response: Will be clarified in Addendum No. 2.

8. On Sheets 105 and 107, there are Mast Arm Street Name Signs called out for, but there is no pay item for these signs. For Sheet 105, Roosevelt Ave – 2 each, Fort Barrette Road – 1 each, Enterprise Street – 1 each. For Sheet 107, Fort Barrette Road – 2 each, Kapolei Parkway – 2 each. Please provide clarification.

Response: Will be clarified in Addendum No. 2.

9. On sheet 113, there is a detail for Kamaaha Avenue, but there is no call out for this mast arm street name sign. Can you please provide detail for Roosevelt Avenue, Fort Barrette Road, Enterprise Street?

Response: Will be clarified in Addendum No. 2.

10. On sheet 105 and 107, there are also Left Turn Signs but do not look like they are included in the pay item 631.1010 Regulatory Sign (10 Sq Ft or Less). Please provide clarification.

Response: Will be clarified in Addendum No. 2.