

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

**ADDENDUM NO. 1
FOR
FARRINGTON HIGHWAY INTERSECTION IMPROVEMENTS
AT NANAKULI AVENUE AND HALEAKALA AVENUE
FEDERAL-AID PROJECT NO. STP-093-1(22)**

**DISTRICT OF WAIANAE
ISLAND OF OAHU
2013**

Amend the bid documents as follows

1. SPECIAL PROVISIONS

- a. Replace Section 108 – Prosecution and Progress, pages 108-1a and 108-2a dated 2/06/06 with the attached Section 108 – Prosecution and Progress, pages 108-1a and 108-2a dated r11/08/13.
- b. Replace Section 656 – Drilling Holes And Installing Dowel Reinforcing Bars, page 656-1a dated 7/03/12 with the attached Section 656 - Drilling Holes And Installing Dowel Reinforcing Bars page 656-1a, dated r11/6/13.

2. PLANS

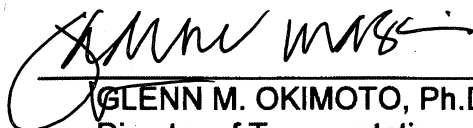
- a. Replace Sheets 13, 14, 15, 37, 170, 191, 192, 194, 195, 196, 197, 199, and 200 dated April 2013 with the attached Sheets ADD 13, ADD 14, ADD 15, ADD 37, ADD 170, ADD 191, ADD 192, ADD 194, ADD 195, ADD 196, ADD 197, ADD 199 and ADD 200 dated November 2013.
- b. Sheet 17, Plan Sta. 140+00 to 145+00: Legend, revise "6" Bed Course" to read "6" Aggregate Subbase".
- c. Sheet 18, Plan Sta. 145+00 to 150+00: Legend, revise "6" Bed Course" to read "6" Aggregate Subbase".
- d. Sheet 19, Plan Sta. 150+00 to 155+00: Legend, revise "6" Bed Course" revised to read "6" Aggregate Subbase".
- e. Sheet 20, Plan Sta. 155+00 to 160+00: Legend, revise "6" Bed Course" to read "6" Aggregate Subbase".

- f. Sheet 20, Plan Sta. 155+00 to 160+00: Box Culvert Extension callout at Sta. 155+50 +/-, revise "Box Culvert Extension, See Details on Sheets S3.1 to S3.5" to read "Box Culvert Extension, See Details on Sheets S2.1 to S2.4 and S3.1 to S3.5".
- g. Sheet 21, Plan Sta. 160+00 to 164+00: Legend, revise "6" Bed Course" to read "6" Aggregate Subbase".
- h. Sheet 21, Plan Sta. 160+00 to 164+00: Legend, revise "18" Aggregate Subbase" to read "20" Aggregate Subbase".
- i. Sheet 22, Plan Sta. 164+00 to 168+00: Legend, revise "6" Bed Course" to read "6" Aggregate Subbase".
- j. Sheet 22, Plan Sta. 164+00 to 168+00: Legend, revise "18" Aggregate Subbase" to read "20" Aggregate Subbase".
- k. Sheet 23, Plan Sta. 168+00 to 173+00: Legend, revise "6" Bed Course" to read "6" Aggregate Subbase".
- l. Sheet 23, Plan Sta. 168+00 to 173+00: Legend, revise "18" Aggregate Subbase" to read "20" Aggregate Subbase".
- m. Sheet 50, Curb Ramp and Sidewalk Notes: Revise Note 15 to read "6" aggregate subbase material is required for curb ramps, sidewalks and gutters."
- n. Sheet 95, Trenching and Miscellaneous Details, Restoration of Existing Pavement Due to Trench Excavation: Revise callout "8" Aggregate Base" to read "8" Asphalt Concrete Base".

3. NON-MANDATORY PRE-BID MEETING

- a. Attached are the October 30, 2013 Non-mandatory pre-bid meeting summary and attendance sheet for your information. Responses to all RFIs received to date have been appended to the end of the meeting summary.

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.



GLENN M. OKIMOTO, Ph.D.
Director of Transportation

1 **SECTION 108 - PROSECUTION AND PROGRESS**

2
3 Make the following amendments to said Section:

4
5 **(I) Amend Subsection 108.05(B)(2) – Delay for Permits** by revising lines
6 149 to 156 to read as follows:

7
8 **(2) Delay for Permits.** For delays in the routine application
9 and processing time required to obtain necessary permits,
10 including permits to be obtained from State agencies, the Engineer
11 may grant an extension provided that the delay is not caused by
12 the Contractor, and provided that as soon as the delay occurs, the
13 Contractor notifies the Engineer in writing that the permits are not
14 available. Time extensions will be the exclusive relief granted on
15 account of such delays.

16
17 **(II) Amend Subsection 108.06(A)(1) - For Contracts \$2,000,000 or less or**
18 **For Contract Time 100 Working Days or 140 Calendar Days or less** from
19 lines 290 to 295 to read as follows:

20
21 **“(1) For Contracts \$2,000,000 or less or For Contract Time**
22 **100 Working Days or 140 Calendar Days or Less.** For
23 contracts of \$2,000,000 or less or for contract time of 100 working
24 days or 140 calendar days or less, the progress schedule will be a
25 Time Scaled Logic Diagram (TSLD). The Contractor shall submit
26 a TSLD submittal package meeting the following requirements and
27 having these essential and distinctive elements.”

28
29 **(III) Amend Subsection 108.06(A)(2) - For Contracts Which Have A**
30 **Contract Amount More Than \$2,000,000 Or Having A Contract Time Of More**
31 **Than 100 Working Days Or 140 Calendar Days** from lines 351 to 358 to read
32 as follows:

33
34 **“(2) For Contracts Which Have A Contract Amount More**
35 **Than \$2,000,000 Or Having A Contract Time Of More Than 100**
36 **Working Days Or 140 Calendar Days.** For contracts which
37 have a contract amount more than \$2,000,000 or contract time of
38 more than 100 working days or 140 calendar days, the Contractor
39 shall submit a Timed-Scaled Logic Diagram (TSLD) meeting the
40 following requirements and having these essential and distinctive
41 elements.”

42
43 **(IV) Amend Subsection 108.06(A)(2)(a) line 360 to read as follows:**

44
45 **“(a) The information and requirements listed in**
46 **Subsection 108.06(A)(1) - For Contracts \$2,000,000 or Less**

47 or For Contract Time 100 Working Days or 140 Calendar
48 Days or Less.”
49

50 **(V) Amend Subsection 108.08 - Liquidated Damages for Failure to**
51 **Complete the Work or Portions of the Work on Time** by revising line 599 to
52 read as follows:
53

54 “to the State, in the amount of \$ 6,000.00 per calendar day.”
55

56 **(VI) Amend Subsection 108.09 - Rental Fees for Unauthorized Lane**
57 **Closure or Occupancy** from lines 635 to 644 to read as follows:
58

59 **“108.09 Rental Fees for Unauthorized Lane Closure or Occupancy.** In
60 addition to all other remedies available to the State for Contractor’s breach of the
61 terms of the contract, the Engineer will assess the rental fees in the amount of
62 \$1000 for every one-to fifteen-minute increment for each roadway lane closed to
63 the public use or occupied beyond the time periods authorized in the contract or
64 by the Engineer. The maximum amount assessed per day shall be \$10,000.
65 The State may, at its discretion, deduct the amount from monies due or that
66 may become due under the contract. The rental fee may be waived in whole
67 or part if the Engineer determines that the unauthorized period of lane closure or
68 occupancy was due to factors beyond the control of the Contractor.
69 Equipment breakdown is not a cause to waive liquidated damages.”
70

71 **(VII) Amend Subsection 108.14 – Final Acceptance** from lines 984 to 991 to
72 read as follows:
73

74 **“108.14 Final Acceptance.** When the Engineer finds that the project has
75 been satisfactorily completed in compliance with the contract, the Engineer will
76 notify the Contractor in writing of the project’s completion and acceptance
77 effective as of the date of the final inspection. The final acceptance date shall
78 determine end of contract time, liquidated damages for failure to complete the
79 punchlist and commencement of all guaranty periods subject to Subsection
80 108.16 – Contractor’s Responsibility for Work; Risk of Loss or Damage.”
81

82
83
84
85
86 **END OF SECTION 108**

**SECTION 656 – DRILLING HOLES AND INSTALLING DOWEL
REINFORCING BARS**

Make the following amendments to said Section:

(I) Amend **656.02 Materials** by adding the following at line 16:

“Glass Fiber Reinforced Polymer Rebar 670”

(II) Amend **656.03 Construction** from lines 22 to 32 to read as follows:

“(A) Drilling and Installation. Drill holes by methods that will not shatter or damage concrete adjacent to hole. Unless otherwise specified or shown on plans, diameter of drilled holes shall be 1/8 inch larger than nominal dowel diameter. Holes encountering longitudinal or transverse reinforcement during drilling will be rejected. Adjacent to rejected hole, drill new hole to required depth, avoiding existing reinforcement. Place dowel reinforcing bars after drilling to depth shown on plans and cleaning holes of dust and residue. Procedures for cleaning of the holes shall follow the recommendations of the epoxy manufacturer. Fill holes with epoxy – resin adhesive after removing fine particles.

(B) Inspection. Before filling holes with epoxy – resin adhesive, notify the Engineer that holes are ready for inspection.”

(III) Amend **656.04 Measurement** to read as follows:

“656.04 Measurement. The Engineer will not measure drilled holes and installed dowel reinforcing bars for payment.”

(IV) Amend **656.05 Payment** to read as follows:

“656.05 Payment. The Engineer will not pay for accepted drilled holes and installed dowel reinforcing bars separately. The Engineer shall consider the cost for the accepted drilled holes and installed dowel reinforcing bars as included in the contract price of the various contract items. The cost is for the work prescribed in this section and the contract documents.”

END OF SECTION 656

NON-MANDATORY PRE-BID MEETING SUMMARY

FOR

**FARRINGTON HIGHWAY INTERSECTION IMPROVEMENTS
AT NANAKULI AVENUE AND HALEAKALA AVENUE
FEDERAL-AID PROJECT NO.: STP-093-1(22)**

OCTOBER 30, 2013

TIME: 10:00AM

CONFERENCE ROOM 111A/B

601 KAMOKILA BOULEVARD, KAPOLEI, HI

Karen Chun opened the meeting at 10:05am. Also present was the design consultant Project Manager, Gerald Andrade. Attendees were asked to register on the attached sign up sheet.

The scope of work was summarized which included the relocation of existing sewer lines, tie-in into an existing bus pullout at Ka Waihona Charter School, construction of a new retaining wall, construction of a culvert deck extension, relocation of shared telephone poles along a portion of the alignment which is to be done by Hawaiian Telecom (bidders were reminded to coordinate this work with Hawaiian Telecom) and realignment of existing historic railroad tracks (bidders were reminded to coordinate with Hawaiian Railway Society).

Bidders were reminded that an NPDES permit was obtained for the project and that NO 401/404 permits are needed provided that the Contractor stays above the mean high water mark and the limits indicated on the plans near Nanakuli Stream. No stockpiling of material within Ulehawa Channel is allowed.

No questions were received.

The meeting was adjourned at 10:15am.

Pre-Bid Meeting

Project Title: Farrington Highway Intersection Improvements at Nanakuli Avenue and Haleakala Avenue

Project No.: STP-093-1(22)

October 30, 2013 10:00am
601 Kakuhihewa Building, Room 111A/B

Name	Company	Email Address	Phone No.
Markland Conifer	Goodfellow Bros	marklandc@goodfellowbros.com	436-4963
Leany Villanueva	MK ENGGR	leany@mkhawaii.com	848-8622
R. Leunton	Kiewit	rad.leunton@kiewit.com	674-1002
SAM ROMANA	HWP-O	SAMUEL.P.ROMANA@HAWAII.GOV	483-2570
DAN BITNER	HWP-O	DANIEL.BITNER@HAWAII.GOV	483-2565
Keith Kaneshiro	Nan Inc.	KKaneshiro@nanhawaii.com	842-4929
Ed Shukri	Nan Inc	eshukri@nanhawaii.com	842-4929
JORDAN BLEASDALE	FRANK COLUCCIO CONST. CO.	jordan@coluccio.com	682-4477
Randall Urasaki	PB	Urasaki@pbworld.com	566-2260
Gerald Seki	Geolabs	gerald@geolabs.net	841-5064
ERIC MATSUMOTO	KSF, INC.	ericm@ksfinc.us	695-6244
Gerald Andrade	Parsons Brinckerhoff	andrade@pbworld.com	566-2243

**REQUEST FOR INFORMATION RESPONSES
FOR**

**FARRINGTON HIGHWAY INTERSECTION IMPROVEMENTS
AT NANAKULI AVENUE AND HALEAKALA AVENUE
FEDERAL-AID PROJECT NO.: STP-093-1(22)**

The following Requests for Information were received:

1. The cross sections on sheet XS-1 to XS-5 seem to show new curb and gutter on the Waianae bound side of the road between Sta. 140+50 to Sta. 148+00, but new curb and gutter is not shown on that side of the road on the roadway plan sheet PP-2 to PP-3. Please clarify.

Response:

No new curb and gutter between Sta. 140+50 to Sta. 148+00 on the Waianae bound side of the highway.

2. Sheet S1.7, show placement of stone ballast on the section view.

Response:

Ballast = Coral bed (1" to 1½" coral screened). 12" of coral bed shall extend from back of new concrete retaining wall to Right of Way.

3. What are the liquidated damages per working day on page 108-2a, line 54 in the special provisions. There is no \$ value

Response:

\$6,000.00 per calendar day.

4. Please provide elevations of top of new GDI, SDMH and SMH.

Response:

Top Elevations should be interpolated from spot elevation plans SP-1 to SP-10.

5. Request that UDBE percentage be lowered. I've gone through the UDBE listing for possible subcontractors and could only come up with 5% UDBE. This is based on every possible UDBE submitting a price. The issue is that there is a lot of UDBE's that are not doing business here on Oahu and they would probably not want to take work off island.

Response:

Minimum UDBE % to remain unchanged.

6. Specification Section 108, the liquidated damages amount was left blank and referred to the contract as being based on working days. The proposal cover sheet stated that the contract duration is in Calendar days. Please Clarify.

Response:

See response to question #3 above.

7. RFI Due Date.

Response:

The deadline to submit RFIs is noon Friday, November 15, 2013.

8. Sheet SS-7 shows 2 signs with designation G, there is no G on the signing legend sheet SS-1.

Response:

These should be "F", new sign on new post.

9. Added lane at Farrington Highway south bound, please advise if saw cut of existing pavement to provide smooth connection between existing pavement and added pavement section. Plans do not indicate saw cut and do not clearly indicate existing edge of pavement. Please provide clear plan showing edge of existing pavement.

Response:

Revised T-1, T-2 and T-3 issued. Sawcut along edge of existing stripe.

10. Please advise regarding location of contractor's staging area.

Response:

A potential staging area has been identified on sheet ECP-10.

11. Please advise if the contractor is required to furnish site office for DOT engineer.

Response:

No, a site office was not specified.

12. Plans do not indicate sufficient information regarding manufacture model, color of FRP railing. Please advise if additional information will be provided, or is it up to the contractor to choose the manufacturer and color?

Response:

Comply with Specs. Sec. 507 and 720.

13. The above detail does not indicate whether FRP railing shall be installed prior or after pouring concrete. Please advise if it is acceptable to core into concrete and install railing posts after pouring then provide epoxy bond between posts and concrete.

Response:

Comply with Plan Sht. S5.3 (no coring shown).

14. Sheets No. S1.1 to S1.10 are relating to retaining wall A & B, there are two options for retaining walls shown on these sheets option A and option B. Please confirm that the contractor has the choice to use either option A or Option B for the entire length

Response:

These two options only apply to retaining wall A as shown on Sht. S1.6. In addition, please refer to note on S1.8.

15. This item (698.0100 - Training) has not quantity listed on the bid schedule, please RFIsadvise if bidders shall apply quantity or it can provide by DOT.

Response:

5 Trainees at 150 hours each.

16. The area in front of Ka Waihona O Ka Na Auao there are existing gates and openings in the fence. Does the new fence also have openings or does it just go straight through with no openings? Do the existing gates get removed?

Response:

All gates along Ka Waihona O Ka Na Auau from Sta. 158+35 to 162+33 +/- shall be removed. These gates/openings shall not be replaced. Openings in existing fence shall be provided at the railroad crossings at Sta. 163+00 +/- and 164+80 +/-.

17. Sheet S3.1 indicates tying in the new 4 ft fence to the existing 6 ft fence on the channel walls. At what point does the fence change from 4 ft to 6 ft?

Response:

The fence on the 3-ft long return walls indicated on Sheet S3.1 as well as the tie-in into existing fence on the channel walls shall be 6-ft in height.