

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ADDENDUM NO. 1

FOR

INTERSTATE ROUTE H-1 SALT LAKE VIADUCT DECK REPAIR, EASTBOUND

FEDERAL-AID PROJECT NO. IM-H1-1(265)

DISTRICT OF EWA

ISLAND OF OAHU

FY 2011

The following amendments shall be made to the Bid Documents:

A. COVER PAGE

- a. Replace Cover Page with attached Cover Page.

B. NOTICE TO BIDDERS

- a. Amend title of project to read as follows:

INTERSTATE ROUTE H-1
SALT LAKE VIADUCT DECK REPAIR, EASTBOUND
FEDERAL-AID PROJECT NO. IM-H1-1(265)
DISTRICT OF EWA
ISLAND OF OAHU

C. SPECIFICATIONS

- a. Replace pages 108-1a to 108-2a dated 2/06/06 with the attached pages 108-1a to 108-2a dated r6/14/11.

D. PROPOSAL

- a. Replace page P-1 dated 05/11/11 with the attached page P-1 dated r6/14/11.
- b. Replace page P-8 dated 05/11/11 with the attached page P-8 dated r6/14/11.

E. PRE-BID MEETING

- a. Attached are the Minutes and Attendance sheet of the Pre-Bid Meeting held on June 14, 2011.

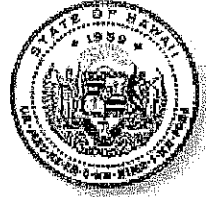
F. RFI RESPONSES

- a. Attached are the responses to the RFI submitted by Triton dated June 14, 2011.

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



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HONOLULU, HAWAII
SPECIAL PROVISIONS
PROPOSAL
CONTRACT AND BOND

FOR

INTERSTATE ROUTE H-1
SALT LAKE VIADUCT DECK REPAIR, EASTBOUND

FEDERAL-AID PROJECT NO. IM-H1-1(265)

DISTRICT OF EWA

ISLAND OF OAHU

FY 2011

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 \$ 5,000 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 \$2,500 for every one-to fifteen-minute increment for each roadway lane closed
63 to the public use or occupied beyond the time periods authorized in the contract
64 or by the Engineer. The maximum amount assessed per day shall be \$25,000.
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**

**PROPOSAL TO THE
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION**

**PROJECT: INTERSTATE ROUTE H-1
SALT LAKE VIADUCT DECK REPAIR, EASTBOUND
DISTRICT OF EWA
ISLAND OF OAHU**

FEDERAL-AID PROJECT NO.: IM-H1-1(265)

**COMPLETION TIME: 186 Calendar days from the date indicated in the
Notice to Proceed from the Department.**

DBE PROJECT GOAL: None Specified

DESIGN PROJECT MANAGER:

**NAME: Ross Hironaka
ADDRESS: 601 Kamokila Blvd., Room 609, Kapolei, HI 96707
PHONE NO.: (808) 692-7575
EMAIL: Ross.Hironaka@hawaii.gov
FAX NO.: (808) 692-7590**

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
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>150,000</u>
503.0100	Deck Expansion Joints	L.S.	L.S.	L.S.	\$ _____
629.0100	Single 4-inch Pavement Striping, White Thermoplastic Extrusion	L.S.	L.S.	L.S.	\$ _____
629.0200	Single 4-inch Pavement Striping, Yellow Thermoplastic Extrusion	L.S.	L.S.	L.S.	\$ _____
629.0300	Pavement Marker, Type A	L.S.	L.S.	L.S.	\$ _____
629.0400	Pavement Marker, Type C	L.S.	L.S.	L.S.	\$ _____
629.0500	Pavement Marker, Type D	L.S.	L.S.	L.S.	\$ _____
636.0100	Maintenance of Field Office	F.A.	F.A.	F.A.	\$ <u>75,000</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>100,000</u>
648.0100	Field-Posted Drawings	L.S.	L.S.	L.S.	\$ _____
651.0100	Concrete Deck Repair	L.S.	L.S.	L.S.	\$ _____
651.0200	Additional Deck Repairs per detail 3/S-7 exceeding 600 S.F. (See Note #2 below.)	3,000	S.F.	\$ _____	\$ _____

ADDENDUM NO. 1

IM-H1-1(265)

r6/14/11

P-8

NAGAMINE OKAWA ENGINEERS INC.

CONSULTING STRUCTURAL ENGINEERS

1003 Bishop Street, Suite 2025
Honolulu, HI 96813
Phone: (808) 536-2626
Email: noe@nagamineokawa.com

June 14, 2011

Department of Transportation - Highways Division
Oahu District
Design Branch
601 Kamokila Blvd, Rm 609
Kapolei, Hawaii 96707

Attention: Clifford Corpuz

cc: Ross Hironaka
Paul Santo
HWY-OC, Charles Lee

Subject: H-1 North Leg (Salt Lake) Viaduct Inbound Deck Repairs
Pre-bid Meeting with Contractors

MEETING MINUTES

1. Introduction of all attendees. The sign-in sheet is attached
2. The purpose of the meeting is to confirm the scope of work, and to hear and discuss questions and concerns from the Contractors. Attendance at this meeting is not required for bidding, per DOT Contracts Office.
3. Contractors mentioned the following questions and concerns:
 - Specifications
 - o Section 108, page 2, mentions liquidated damages are counted by working days. Was this to be calendar days?
 - DOT states that it is calendar days and not working days.
 - NOEI will address this in an amendment.
 - o Section 601 does not mention the high early strength concrete but sheet 3 (S-2), under Concrete Repair Notes #1, does.
 - NOEI mentioned that this information is included in Section 651.
 - o Will the use of 15 pound hammer be enforced?
 - NOEI mentioned that it would be enforced.
 - o Why is the liquidated damages for the BMP so much higher than that of the project?
 - NOEI mentioned that it was due to the near by drainage channels.
 - DOT has not heard back from Fish and Wildlife regarding if there are endangered animals in the area.
 - NOEI mentioned that all state DOT BMP practices are to be followed.
 - DOT has obtained a noise permit.

- Some of the items in the Proposal Schedule are listed as lump sum but their unit states otherwise?
 - DOT mentioned that this was a last minute change.
 - NOEI will address this in an amendment.
 - Are there drains in the deck?
 - NOEI mentioned that there are drains through the parapet, which lead to a drainage channel on the exterior of the bridge as shown on sheet 20. These drains are to be blocked during construction.
4. DOT mentioned that we are on a tight schedule; therefore all RFIs shall be submitted by 8:00 a.m. June 15, 2011.
5. DOT mentioned to NOEI that the district referenced in the Proposal Schedule are to be changed from Honolulu to Ewa. Also the Mile Post numbers will need to be updated on the Title Sheet of the drawings.

If there are any corrections to these minutes, please call or email to discuss.

Prepared by: Cody Aihara (codya@nagamineokawa.com)

Sign-In Sheet

Date: June 14, 2011

Time: 10:00 a.m. / p.m.

Location: Kapolei DOT – Room 609 Conference Room

Project: H-1 North Leg Viaduct – Inbound Deck Repair

[illegible]



Consulting Structural Engineers

NAGAMINE OKAWA ENGINEERS INC.

1003 Bishop Street
Pauahi Tower, Suite 2025
Honolulu, Hawai'i 96813
Tel: (808) 536-2626
Fax: (808) 536-3926
e-mail: noe@nagamineokawa.com

Date: June 15, 2011

Project No. 07005.16

To: Mr. Clifford Corpuz

Department of Transportation – Highways Division
Oahu District
Design Branch
601 Kamokila Blvd., Room 609
Kapolei, Hawaii 96707

Subject: H-1 Freeway, Inbound Lanes North Leg Viaduct
Responses to RFI submitted by Triton dated June 14, 2011

Responses:

1. Question: Sheet S-7 detail 1. Please confirm only the angle on the repair side of the expansion joint gets replaced.

NOE Response: Replace angle only on the repair die. Do not damage other angle to remain.

2. Question: What is the maximum allowed removal area measured in the lateral direction? Center line from one girder to the adjacent or can multiple girders be exposed at one time?

NOE Response: Contractor's mean and methods. All work shall be completed within time frame.

3. Question: Sheet S-7 note 7 requires 1' min lap for number 3 bars. Will this apply at the cold joints over the diaphragms? If so can drilled dowels be used into the previous repaired or existing concrete?

NOE Response: Yes, 1' min lap for number 3 bars will apply at the cold joints over the diaphragms. Drilled dowels can be used.

4. Question: Has the State applied for a noise variance for this project? If not and the DOH requires noise abatement walls or sound attenuation measures will the State consider this as a contract change and compensate the contractor for these items?

NOE Response: DOT has obtained noise variance.

5. Question: Can the State indicate total square footage of areas shown to be removed?

DOT Response: No, since the square footage is calculable from plans.

6. Question: Proposal schedule 651.0200 (note #2) indicates the cost per square foot cannot exceed the cost per square foot of line item 651.0100. With no given square footage how will this be determined?

DOT Response: Concrete Deck Repair square footage, item 651.0100, needs to be calculated by contractor.

7. Question: Please provide girder details indicating amount of stirrups to be cold bent to provide clearance.

NOE Response: Concrete cover shall be no less than existing conditions. Do not bend existing stirrups.

8. Question: Will all the repairs in slab zone B be full depth? If so please provide detail for restoring existing joint.

NOE Response: Repairs in zone B will be full depth. Contractor to match existing conditions.

9. Question: Sheet S-7 detail 1 – Please provide depth of new premolded JT filler required for replacement.

NOE Response: Filler depth 2”.

10. Question: Sheet S-7 detail 1 – Will the State allow the new expansion joint angle to be replaced in short sections to match the repair size or will the entire joint need to be continuous?

NOE Response: New expansion joint angle will be allowed to be replaced in short section.

11. Question: Can the State supply details on the new expansion joint steel size? (4” x 4” x 1/2”??

NOE Response: Assume L4x4x1/2 for bidding purpose.

12. Question: What is the current working hours of employees utilizing the trailers under the repair area? Can the contractor work weekends to install shoring during daytime hours?

DOT Response: Current work hours for SDOT personnel is M-F, 6:30 AM - 4:30 PM. For weekend access, need to coordinate with:

Art Sickels
(P) 483-2524
(Fax) 483-2525
(e-mail) arthur.sickels@hawaii.gov

Should specify notification 48-hours in advance to ensure access to secured field office site. The contractor needs to be responsible for any damage they do to the field office facilities and SDOT vehicles.

13. Question: Can the contractor work daytime hours during the weekdays to move debris and shoring towers from the previous nights work?

DOT Response: Yes, contractor is allowed to work daytime hours during the weekdays. The contractor needs to be responsible for any damage they do to the field office facilities and SDOT vehicles.

Prepared by: Cody Aihara (codya@nagamineokawa.com)