

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

ADDENDUM NO. 3

FOR

**FARRINGTON HIGHWAY SAFETY IMPROVEMENTS
LEIHOKU STREET TO KILI DRIVE**

FEDERAL-AID PROJECT NO. HSIP-093-1(23)

The following amendments shall be made to the Bid Documents:

A. SPECIFICATIONS

a. TABLE OF CONTENTS

1. Replace Table of Contents Pages 1 through 2 dated 11/02/09 with Pages 1 through 2 dated r1/12/12.

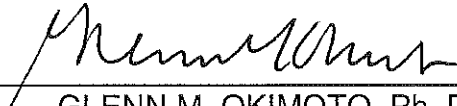
b. SPECIAL PROVISIONS

1. Replace Pages 623-1a through 623-16a dated 7/28/11 with the attached Pages 623-1a through 623-2a dated r1/11/12.
2. Replace Pages 712.39-1a through 712.39-3a dated 7/28/11 with the attached Page 770-1a dated r1/12/12.

B. PLANS

1. Replace Plan Sheet Nos. 6, 8, 15, and 17 with the attached Plan Sheet Nos. ADD. 6, ADD. 8, ADD. 15, and ADD. 17.

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.



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

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Labor and Material Payment Bond

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SECTION 623 – TRAFFIC SIGNAL SYSTEM

Make the following amendments to said Section:

(I) Amend **Subsection 623.03(C)(3) – Signal Heads** by adding the following after line 234:

“Remove existing traffic signal heads (excluding programmable-visibility signal heads and 4-section left-thru combination traffic signal assemblies) mounted on signal mast-arm over the travel lanes on Farrington Highway (Route 93), from Leihoku Street intersection (M.P. 10.25) to Makaha Valley Road intersection (M.P. 12.62) and install new traffic signal heads equipped with LED optical units and louvered back plates using new mast-arm mounting hardware.

Traffic signal heads mounted on signal poles in the roadway median and sidewalks are excluded for this work.

The new LED optical units shall be installed with the same signal lens arrangements (e.g., circular balls or arrows) as the existing traffic signal heads.”

(II) Amend **Subsection 623.04 – Measurement** by adding the following after line 580:

“The Engineer will measure the traffic signal assemblies with LED signal lights and traffic signal back plate.”

(III) Amend **Subsection 623.05 – Payment** by adding the following after line 584:

“The Engineer will pay for the accepted traffic signal assemblies with LED signal lights and mast-arm mounting hardware at the contract unit price per each complete in place. The price includes full compensation for submitting the equipment list and drawing; assembling the signal heads; wiring; bonding and grounding; painting the signal head mounting; testing; providing turn-on service; submitting warranty; and furnishing equipments, tools, labor, materials and other incidentals necessary to complete the work.

The Engineer will pay for the accepted traffic signal back plates at the contract unit price per each complete in place. The price includes full compensation for submitting the equipment list and drawing; furnishing and installing the back plates; submitting warranty; and furnishing equipments, tools, labor, materials and other incidentals necessary to complete the work.

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The Engineer will consider cost for additional materials and labors not specifically shown or called for that are necessary to complete the work incidental to the various contract items in the proposal.”

(IV) Amend **Subsection 623.05 – Payment** by adding the following after line 591:

“Traffic Signal Assembly (One-Way, 12-inch, 1-3 Section Vertical with Mast-Arm Mounting) with LED Signal Lights	Each
Traffic Signal Back Plates (Louvered, Black)	Each”

END OF SECTION 623

1 **SECTION 770 – TRAFFIC SIGNAL MATERIALS**
2

3 Make the following amendments to said Section:
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5 **(I)** Amend **Subsection 770.02(A)(4) –Back Plates** by revising lines 285 to 289
6 to read as follows:
7

8 **“(4) Back Plates.** Louvered back plates shall be furnished and installed
9 on signal heads. Louvered back plates shall be constructed of aluminum
10 alloy 3003-H14 sheet having minimum thickness of 0.058 inch, and minimum
11 dimensions equal to signal head size plus eight-inch border. Louvered back
12 plates shall be painted dull black on both sides. Drill signal face and attach
13 back plate as per manufacture recommendation, or with six 10-24 or 10-32
14 self-tapping and locking stainless steel machine screws and flat washers.”
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18 **END OF SECTION 770**
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