

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ADDENDUM NO. 1

FOR

BRIDGE REPAIRS AT VARIOUS LOCATIONS

PROJECT NO. HWY-O-01-04M

DISTRICTS OF HONOLULU AND EWA

ISLAND OF OAHU

2004

Amend the bid documents as follows:

A. SPECIAL PROVISIONS

1. Replace pages 104-5a thru 104-13a, dated 5/03/04, with the attached pages 104-5a thru 104-13a, dated r6/07/04.

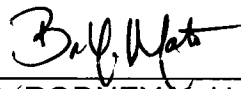
B. PROPOSAL SCHEDULE

1. Replace page P-8, dated 4/16/04 with the attached page P-8 dated r5/26/04.

C. PLANS

1. Replace plan sheet nos. 6 and 10 with the attached plan sheet nos. ADD. 6 and ADD. 10.

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.



RODNEY K. HARAGA
Director of Transportation

protective devices, to the Engineer for acceptance at least ten working days before the date such work is scheduled to begin.

Such plans and schedules shall contain:

- (1) A brief description of the work,
- (2) Dates of work,
- (3) Times of day affected,
- (4) Proposed public information sign,
- (5) Proposed news release, and
- (6) Detour layout plans.

If doing work in a city or town, give the Fire Department at least 24 hours notice in writing before blocking or closing off access to streets. Keep fire hydrants accessible to the Fire Department. Do not place material or other obstruction closer to a fire hydrant than permitted by ordinances, rules or regulations. If there are no ordinances, rules or regulations, do not place material or other obstruction within 5 feet of a fire hydrant.

Make arrangements according to the contract for emergency work that may be required when work is not in progress.

The Engineer will permit lane closures for work on the Waialae Avenue Off-Ramp for one day on Monday through Thursday from 9:00 A.M. to 4:00 A.M. If the spall repairs are not done within this time, the lane closure hours thereafter will be on Sunday through Thursday from 8:30 P.M. to 4:00 A.M. Concrete saws, jack hammers and chipping hammers will not be used after 10:30 P.M.

For work on the Sand Island Concrete Bridge, lane closures are permitted on Sunday through Thursday from 7:00 P.M. to 4:30 A.M.

For demolition of the Waipio Flume Overpass, all lanes must be closed to traffic all day. The 24-hour closure shall occur only on weekdays for the entire project duration.

Submit traffic control, to re-route Kamehameha Highway traffic during the demolition work, to the Engineer for acceptance at least ten working days before the date such work is scheduled to begin.

Exceptions to the above lane closure hours shall require the Engineer's acceptance in writing.

The Engineer will permit the Contractor to close only one lane/direction of traffic during its working hours. During non-working hours, keep all lanes open to traffic and allow traffic to flow at the normal posted speed limit.

Failure to open lanes to traffic beyond the above lane closure hours shall result in assessment of liquidated damages as specified in Section 108.08 - Liquidated Damages and Failure to Complete on Time.

The Contractor shall not conduct operations on any roadway involving traffic lane closures or slowdown of traffic on the following dates:

- (1) The day preceding a holiday from 3:00 PM to Midnight,
- (2) All State Holidays,
- (3) The Thanksgiving Holiday weekend (Thursday, Friday, Saturday and Sunday),
- (4) The two week holiday period for Christmas and New Years, and
- (5) The three week period for the 'Beat the School Jam' beginning on the third week of August.

No time extension will be given for the above restrictions. The contract time for the project has accounted for any loss of time due to the above restrictions.

Construction work on the Sand Island Concrete Bridge will be split up due to work on the Bascule Bridge under another project. Therefore, the joint replacement work must start after July 2005 during normal working hours to alleviate traffic congestion. The installation of the bike railing may be done before July 2005 as long as there are no lane closures.

Notify the State and County transportation agencies including Bus Systems Division, Police Department, Fire Department, Ambulance Service, and the Department of Health in writing at least five days before the start of construction.

Construct, install, maintain, and remove two advisory signs as specified by the Engineer. Place the signs within the project limits.

The signs shall have black letters on orange background. The minimum size of the signs shall be four feet high by eight feet wide.

The sign message shall include the starting date, hours, limits and duration of construction. The height of the letters shall be 8 inches, Series D. If accepted by the Engineer, the Contractor may use a minimum height of 6 inches, Series D. The Engineer will review and accept the advisory sign wording before installing. Install the advisory sign two weeks before the start of construction.

Take measures necessary to insure that safe and easily accessible passage is provided for pedestrians who must travel in or near the construction zone.

The Engineer will consider payment for furnishing, placing, maintaining and removing the advisory signs and insuring safe and accessible passage for pedestrians included in the bid price of the various contract items. The Engineer will pay additional advisory signs as specified by the Engineer under Additional Police Officers and/or Additional Traffic Control Devices.

Submit requests for review and acceptance of detours and lane closures that will impact traffic during peak hours before scheduling the work to begin as follows:

- (1) detours - 8 weeks, and
- (2) lane closures - 6 weeks.

Also, these requests shall include:

- (1) An explanation of proposed changes to the existing traffic pattern;
- (2) A schedule of when installing informational and traffic control signs;
- (3) A schedule of when publishing advertisements;
- (4) A plan showing the proposed informational and traffic control signs; and
- (5) A plan showing the lane changes or detours. Plans for multi-lane highway lane changes and detours shall include details of the beginning of the lane changes or detours.

The Engineer will not make payment for reviewing request submittals.

(C) Advertisement. If requested by the Engineer, place an advertisement in the newspaper for the following traffic pattern changes in operation during peak hours or night work:

- (1) Detours;
- (2) Lane closure;
- (3) Permanent road closure; and
- (4) Permanent new route that changes a previous route.

The advertisement shall contain the following information:

- (1) Map of traffic pattern change limits;
- (2) Map showing lane(s) closure and detour pattern;
- (3) Notice of starting and ending dates and duration; and
- (4) Explanation of the lane(s) closure or detours "Notice To Motorist".

The quality of the map shall be as follows:

- (1) The Department will not allow free hand printing or pencil;
- (2) Highlight important feature in bold letters by darkening, cross-hatching, crossing-out or coloring;
- (3) Minimum size shall be five columns wide and four columns deep. Lesser width columns may be considered to balance against the size of the drawing.;
- (4) Text Specifications.
 - (a) Work being featured - 3/16 inch text
 - (b) Major roads and features - 1/8 inch text
 - (c) Other roads and features- first letter upper case
 - (d) "Notice to Motorists" in upper case

- (e) Message - first letter upper case
- (5) Line Thickness.
 - (a) Important feature being advertised - thicker than rest of map
 - (b) Directional arrow - bolder than the rest of the lines shown on the map, when important, to show the route traffic should use.
- (6) Show reference direction such as "TO HILO, WAILUKU, HONOLULU, or LIHUE" with arrow.

The Contractor shall submit:

- (1) the "Notice to Motorists" for review and acceptance before placement in the newspaper 6 weeks before the start of work.
- (2) the actual size of the notice to be published in the newspaper for review and acceptance. The Engineer will not allow reduction of the notices once accepted. The final "Notice to Motorists" submittal shall be a good copy of the camera ready advertisement.

Place the advertisement for three consecutive days and within one week before the traffic pattern changes in the Honolulu Star-Bulletin and Honolulu Advertiser.

Provide message boards as requested by the Engineer prior to lane or ramp closures.

The Contractor is directed to Section 645 - Work Zone Traffic Control for payment of advertisement.

(VI) Amend **104.05 Construction and Maintenance of Detour** by deleting the second paragraph in its entirety.

(VII) Amend **104.06 Rights in and Use of Materials Found on the Work** by deleting it in its entirety. (See 106.02 – Natural Material Source)

(VIII) Add the following:

"104.09 Method of Price Adjustment. Any adjustment in the contract price pursuant to a change or claim in this contract shall be made in one or more of the following ways:

- (1) By agreement on a fixed price adjustment before commencement of the pertinent performance or as soon thereafter as practicable;
- (2) By unit prices or other price adjustments specified in the contract or subsequently agreed upon;
- (3) The Engineer may base the adjustment for a lump sum item on a calculated proportionate unit price. The Engineer will calculate the proportionate unit price by dividing the original contract lump sum price by the actual or original estimated quantity established by the Contract Documents;
- (4) In such other manner as the parties may mutually agree;
- (5) At the sole option of the Department, by the costs attributable to the event or situation covered by the change, plus appropriate profit or fee, all as specified in Subsection 109.04(A) Allowances for Overhead and Profit and the force account provision of 109.04 Payment for Additional Work;
- (6) By a determination by the Department of the reasonable and necessary costs attributable to the event or situation covered by the change, plus appropriate profit or fee, all as computed by the generally accepted accounting principles and applicable sections of Chapter 3-123 and 3-126 of the HAR and Subsection 109.04(A) Allowances for Overhead and Profit herein."

(IX) Amend **Subsection 105.19 Value Engineering** to read as follows:

"104.10 Value Engineering Incentive Proposal. On any contract in an amount greater than \$100,000, the Contractor shall be entitled to an equitable adjustment to share in cost savings resulting from the value engineering proposal, subject to the following conditions:

- (1) A value engineering proposal must result in savings to the State by providing less costly items than those specified in the contract without impairing any of their essential functions and characteristics such as service life, reliability, substitutability, economy of operations, ease of maintenance, and necessary standardized features;
- (2) A value engineering proposal shall not be deemed accepted until a change order has been issued establishing the proposed as part of the work;
- (3) A value engineering proposal must be submitted in conformity with, and is subject to the terms and conditions of HAR §3-132."

(X) Add the following:

"104.11 Variations in Estimated Quantities. Where the quantity of a unit price item in this contract is estimated on the proposal schedule and where the actual quantity of such pay item varies more than 15 percent above or below the estimated quantity stated in this contract, an adjustment in the contract price shall be made upon demand of either party. The adjustment shall be based upon any increase or decrease in costs due solely to the variation above 115 percent or below 85 percent of the estimated quantity. The adjustment shall be subject to Subsection 104.09 – Method of Price Adjustment and Subsection 109.05 - Allowances for Overhead and Profit."

104.12 Differing Site Conditions. The Contractor shall promptly and before such conditions are disturbed, notify the Engineer of:

(1) Subsurface or latent physical conditions at the site differing materially from those indicated in this Contract; or

(2) Unknown physical conditions at the site of an unusual nature, which differ materially from those ordinarily encountered and generally recognized as inherent in work of the character provided for in this Contract.

(A) Adjustments of Price or Time for Performance. After receipt of the notice, the Engineer shall promptly investigate the site and if it is found that the conditions do materially so differ and cause an increase in the Contractor's cost of, or the time required for, performance of any part of the work under this Contract, whether or not changed as a result of the conditions, an equitable adjustment shall be made and the Contract modified by contract change order. Any adjustment in contract price or time made pursuant to this clause shall be determined in accordance with the price and/or time adjustment subsections of this Contract.

(B) Timeliness of Claim. No claim of the contractor under this subsection shall be allowed unless: The contractor shall give a verbal notice within 12 hours of discovery of the differing site condition and written notification to the Engineer no later than 5 days after the discovery of the differing site condition. The Engineer in writing may extend the time prescribed in this subsection for giving verbal and written notice. The notices to the Engineer are non-waivable conditions precedent to any claim under this Section.

(C) No Claim After Final Payment. No request by the Contractor for an equitable adjustment to the contract shall be allowed if asserted after final payment under this Contract.

(D) Knowledge. Nothing contained in this subsection shall be grounds for an adjustment in compensation if the Contractor had actual knowledge of the existence of such conditions prior to the submission of the bids.

104.13 Contract Change Orders. The Engineer will issue sequentially numbered contract change orders at times it deems appropriate during the contract period. A contract change order may contain the adjustment in contract price and/or time for a number of field orders. In all cases, the Contractor shall proceed with the work as changed by the contract change order. No payment for any changes will be made until the contract change order is issued.

104.14 Duty of Contractor to Provide Change Proposals. A field order may request the Contractor to supply the Engineer with a detail proposal for an adjustment to the contract time or contract price for the work described therein. Any such request for a proposal shall not affect the duty of the Contractor to proceed as ordered with the work described in the field order.

The Engineer at times may issue a Request for Change Proposal to the Contractor requesting price and/or time adjustment proposals for contemplated changes in the work. The Request for Change Proposal is not a directive for the Contractor to perform the work described therein.

The Contractor shall submit a detailed written proposal in a time span allowed by the Engineer or if a time span is not stated by the Engineer it shall be within 15 days after receipt of a request for Request for Change Proposal or field order containing a request for proposal. The format shall set forth all charges the Contractor proposes for the change and a detailed justification for the proposed adjustment of the contract time, all properly itemized and supported by sufficient substantiating data to permit evaluation. The Engineer will determine whether the proposal is acceptable.

No payment shall be allowed to the Contractor for pricing or negotiating or research or designs for proposed or actual changes. No time extensions will be granted for delay caused by late Contractor pricing of changes or proposed changes or time spent in negotiation.

The Engineer may accept the entire proposal, or any discrete cost item contained within the proposal, or the proposed adjustment to contract time by a notice in writing to the Contractor delivered to the contractor within thirty days after receipt of the proposal. The written acceptance by the Engineer of all or part of the Contractor's proposal shall create a binding agreement between the parties for that aspect of the change.

If the Engineer refuses to accept the Contractor's entire proposal, the Engineer may issue a field order for the work; or if a field order has already been

issued, the Engineer may issue a supplemental field order establishing new contract prices, the remaining adjustments to contract price and /or contract time for the ordered changes. If the Contractor disagrees with any term, condition or adjustment contained in such field order or supplemental field order, it shall follow the protest procedures set forth in and be subject to the other terms of Subsection 104.03 - Field Orders.

104.15 Overweight Vehicle Control. All weight tags for aggregates and hot mix asphalt concrete transported to the worksite shall be submitted daily to the Engineer. The maximum legal total gross weight (W) as calculated by the formulas in HRS 291-35 Gross weight, axle, and wheel loads, for the transporting vehicle shall be clearly indicated on the weight tag. The Engineer may inspect any material transporting vehicle for compliance with HRS 291-34 to 291-36 at no additional cost to the State. The Engineer may refuse entry to or demand the removal from the worksite of any vehicle that exceeds the maximum legal total gross weight and shall inform the appropriate enforcement authority of the violation."

END OF SECTION

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
202.0110	Removal of Existing Overpass Structure	L.S.	L.S.	L.S.	\$ _____
209.0100	Water Pollution and Erosion Control	F.A.	F.A.	F.A.	\$25,000.00
507.4000	Bike Railing	783	L.F.	\$ _____	\$ _____
645.2000	Additional Police Officers And/or Additional Traffic Control Devices	F.A.	F.A.	F.A.	\$30,000.00
676.1000	Spall Repair	1,500	S.F.	\$ _____	\$ _____
677.1000	Bridge Joint Replacement	274	L.F.	\$ _____	\$ _____
699.1000	Mobilization (Not to Exceed 10 Percent of the Sum of All Items Excluding the Bid Price of this Item and Force Account Items)	L.S.	L.S.	L.S.	\$ _____
	SUM OF ALL ITEMS				\$ _____
NOTE: Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bid.					