



HONOLULU AUTHORITY for RAPID TRANSPORTATION

Daniel A. Grabauskas
EXECUTIVE DIRECTOR AND CEO

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Michael D. Formby
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Ivan M. Lui-Kwan, Esq.
Carrie K.S. Okinaga, Esq.

**Joint Meeting of
Finance Committee and
Project Oversight Committee**
Ali'i Place, Suite 150
1099 Alakea Street, Honolulu, Hawaii
(meeting room entrance on Richards Street)
Thursday, May 15, 2014, 8:30 am

Agenda

- I. Call to Order by Chair
- II. Public Testimony on all Agenda Items
- III. Approval of the April 24, 2014 Minutes of the Joint Meeting of the Finance Committee and Project Oversight Committee
- IV. Change Order Review
- A. Maintenance and Storage Facility Amendment I – Non-Rail Escalation
 - B. Maintenance and Storage Facility Amendment I – Part A Markup
 - C. West Oahu/Farrington Highway Guideway Delay of Notice to Proceed 2, 3 & 4 – Design-Build Impacts
 - D. Kamehameha Highway Guideway Delay in Issuance of Notice to Proceed 2 & 3
 - E. Maintenance and Storage Facility Yard Layout Reconfiguration and Automatic Train Operation Construction
- V. Executive Session
Pursuant to Hawaii Revised Statutes Section 92-4 and Section 92-5(a)(4), the Board(s) may enter into Executive Session to consult with its attorneys on questions and issues on a matter pertaining to the Board's powers, duties, privileges, immunities and liabilities.
- VI. Adjournment

PROJECT OVERSIGHT
COMMITTEE MEMBERS

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Note: Persons wishing to testify on items listed on the agenda are requested to register by completing a speaker registration form at the meeting or online on the HART section of the www.honolulustransit.org website. Each speaker is limited to a **two-minute** presentation.

Persons who have not registered to speak in advance should raise their hands at the time designated for public testimony and they will be given an opportunity to speak following oral testimonies of the registered speakers.

Any physically challenged person requiring special assistance should call (808) 768-6258 for details at least three days prior to the meeting date.



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May 15, 2014

TO: HART Board of Directors

THROUGH: Daniel A. Grabauskas 
Executive Director and CEO

FROM: Lorenzo Garrido 
Officer-in-Charge

Akira Fujita, Project Manager 
Brent Uechi, Deputy Project Manager

SUBJECT: Amendment 1 Non-Rail Escalation
Maintenance and Storage Facility
Contract No.: CT-HRT-10H0449
RFCR 00010

Overview

This Request for Change (RFC) was submitted by the Contractor, Kiewit Kobayashi, a Joint Venture (KKJV). This change, MSF Amendment 1 Non-Rail Escalation (RFCR 00010), is to provide a contract price adjustment relating to the MSF Contract Amendment No. 1, dated June 30, 2011.

Amendment No. 1 contained a table of Schedule Milestone dates referred to as SP 4.1 Time is of the Essence. The planned Schedule Milestone dates were delayed. The Contractor's delay is approximately 22 months.

This Change will be for the entire MSF Contract (except for rail materials and design) to account for current prices and current market conditions.

Recommendation

HART to approve change order in the amount of \$10,087,325.



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Justification

The Contract includes Amendment No. 1 issued on June 30, 2011, which recognizes impacts associated with delayed Contract execution and revised Schedule Milestones.

Fiscal Impact

Funds will be covered from the MSF "Known" and Allocated Contingency.

**PROJECT OVERSIGHT
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May 15, 2014

TO: HART Board of Directors

THROUGH: Daniel A. Grabauskas *DAG*
Executive Director and CEO

FROM: Lorenzo Garrido *LG*
Officer-in-Charge

Akira Fujita, Project Manager *af*
Brent Uechi, Deputy Project Manager

SUBJECT: Amendment 1 – Part A Markup
Maintenance and Storage Facility
Contract No.: CT-HRT-10H0449
RFCC 00017

Overview

This Request for Change (RFC) was submitted by the Contractor, Kiewit Kobayashi, a Joint Venture (KKJV). This Change (RFCC 00017) requests a Contract Change Order (CCO) based upon delay markup rates (10%) to be applied to the Contract Price adjustment of \$15,910,959. which was established in MSF CCO 00002 Revised Rail Procurement.

Recommendation

HART to approve change order in the amount of \$1,591,096.

Justification

In accordance with MSF Contract SP-5.6, the markup rate for delays shall be 10% to the Contractor for self performed work (KKJV) and 5% to 1st Tier Subcontractors.



HONOLULU AUTHORITY for RAPID TRANSPORTATION

Fiscal Impact

Funds will be covered from the MSF "Known" Contingency.

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May 15, 2014

TO: HART Board of Directors

THROUGH: Daniel A. Grabauskas *DAG*
Executive Director and CEO

FROM: Lorenzo Garrido *LG*
Officer-in-Charge

Karley Halsted, Project Manager *KH*

SUBJECT: Delay of NTP #2, 3, and 4
West Oahu Farrington Highway Design-Build (WOFH)
Contract No. CT-HRT-10H0137
RFCR 00034

Overview

The issuance of NTP 2, NTP 3, and NTP 4 has been delayed from the timeframes specified in the Agreement for Design-Build Services for this Contract. Per SP-5.3(b) Kiewit Infrastructure West Co (KIWC) submitted detailed cost breakdown that assessed the impacts of these NTP delays up to August 24, 2012. This request for change covers the NTP delays not previously addressed. Kiewit has agreed that they will make no other claims for delay for events prior to August 24, 2012.

The timeframe associated with the delay was negotiated to duration of 10.5 months.

Recommendation

HART to approve a Contract Change Order in the amount of \$20,855,423.



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Justification

In accordance with SP-5.3(b), due to delay impacts associated with the late issuance of NTP 2, 3, and 4, a change order is necessary to adjust the contract cost and time.

Fiscal Impact

The cost was not anticipated by the WOFH contract. The funding source has been identified as the allocated contract contingency "Known Changes."



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May 15, 2014

TO: HART Board of Directors

THROUGH: Daniel A. Grabauskas 
Executive Director and CEO

FROM: Lorenzo Garrido 
Officer-in-Charge

Matt Scanlon 
Project Manager

SUBJECT: Delay in Issuance of NTP 2 and 3
Kamehameha Highway Guideway Design-Build (KHG)
Contract No. CT-HRT-11H0195
RFCC 00027

Overview

This request for change (RFC) was submitted by the Contractor, Kiewit Infrastructure West Co (KIWC). This change, Delay in Issuance of NTP 2 and 3 (RFCC 00027), is to provide a contract price adjustment to cover the Contractor's impacts due to the delay in issuance of NTP 2 & 3. This change also takes into consideration the time impact of the Archaeological Inventory Survey (AIS). Kiewit agrees that they will not make any other claims for delay events prior to August 24, 2012.

Recommendation

HART to approve change order in the amount of \$1,828,208.

Justification

In accordance with SP-5.3(b), due to delay impacts associated with the



HONOLULU AUTHORITY for RAPID TRANSPORTATION

late issuance of NTP 2 & 3, a change order is necessary to adjust the contract cost and time.

Fiscal Impact

The cost was not part of the awarded KHG contract. Funds will be covered as a budget transfer to the contract's contingency.

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May 15, 2014

TO: HART Board of Directors

THROUGH: Daniel A. Grabauskas *DAG*
Executive Director and CEO

FROM: Lorenzo Garrido *LG*
Officer-in-Charge

Akira Fujita, Project Manager *AF*
Brent Uechi, Deputy Project Manager

SUBJECT: Maintenance and Storage Facility Yard Layout Reconfiguration
and Automatic Train Operations Construction
Maintenance and Storage Facility
Contract No.: CT-HRT-10H0449
RFCR 00043

Overview

This Contract Change Order is a bilateral agreement between HART and the Maintenance and Storage Facilities' Design Build Contractor, Kiewit Kobayashi, a Joint Venture (KKJV), for a Contract Sum increase of \$ 22,500,000.

The scope of work for this change to the contract is for the construction cost associated with the design reconfiguration of the MSF yard and track layout to accommodate Automated Train Operations as well as for operational efficiency improvements. The reconfiguration was in coordination with the Core Systems Contractor, Ansaldo Hawaii, Joint Venture (AHJV), and includes revisions to the Operations & Servicing Building equipment and Maintenance of Way Building equipment, addition of an on-site test track, the redesign of the west yard lead, and the design for automated train operations and the redesign of the train control bungalow.



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This change is the compliment to MSF Change Order 00017 (See attached Contract Change Order) wherein the Contractor was issued a bilateral lump sum one-time adjustment in contract price for the design elements described in the MSF RFCR 00043. (See attached Scope of Work Details)

Recommendation

HART to approve change order in the amount of \$22,500,000.

Justification

The MSF contract requires KKJV to interface with the Core Systems Contract (CSC) Design Build Maintain Operate (DBOM) contractor, Ansaldo Hawaii, Joint Venture (AHJV), and KKJV as part of their design efforts. This interface requirement was to ensure that the CSC contractor had opportunity to provide input to the MSF design that would be consistent with their operational and maintenance plan. In order to improve the operations and maintenance functionality and efficiency in the Maintenance and Storage Facility yard, several design changes were considered as a result of the interface coordination. Agreement was reached on these design changes which is described in the Scope of Work for Contract Change Order 00017. (See attached Contract Change Order)

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Fiscal Impact

Funds will be transferred from Unallocated Contingency to MSF Contingency

MSF RFCR 00043 CSC Consolidated Changes Construction
Scope of Work Details

The scope of work includes the following bilateral agreement:

- Work associated with this CCO is inclusive of all services and deliverables to construct the redesign work provided by Change Order 00017, executed on April 14, 2014. It provides a twenty two million five hundred thousand dollar (\$22,500,000.00) Contract Sum increase.

A general summary of the scope of work includes:

TRACK

Construct revised track elements due to engineering changes in the West Yard Lead (WYL), changes in track geometry (to facilitate the larger than contracted vehicle car length and clearance requirements), and the addition of a Test Track.

SITWORK

Perform grading activities associated with the revised track geometry, provide a retaining wall attributed to the Test Track, provide lighting to support the Test Track and incorporate other associated revisions to the site layout and civil infrastructure.

EQUIPMENT

Incorporate revisions to the shops including relocation of certain equipment, walls, and associated infrastructure. Procure and install equipment per the additions, deletions and modifications in RFCR 00043.

ELECTRICAL TROUGHS & BOXES

Construct fixed facility raceways to support the addition of an Automatic Train Control (ATC) system in the yard to enable Automatic Train Operations (ATO). The "ATO Raceways" generally include cable troughs, ductbanks, and pullboxes to permit the installation of train control cables by the Core Systems Contractor (CSC). The work also includes site electrical work associated with an additional HECO service, power distribution ductbanks, and site lighting.

TRAIN CONTROL BUNGALOW AND MISCELLANEOUS

Construct changes associated with CSC interfaces including increasing the size of the Train Control Bungalow (TCB), change in size of traction power conduits, and uninterruptible power supply (UPS) changes in the OSB, OCC and MOW. The work also includes changes to the MSF power distribution system due to the provision of a second HECO service and addition of a second generator.

- This agreement excludes the Contractor furnished insurance.
- In addition to the redesign work specified in Change Order 00017 this CCO funds Indirect Contract Sum increases specified in the Contractor Cost Proposal inclusive of Contractor identified Extended Time Related Overhead+ (TRO+); additional BIM Modeling; and Time Related Impacts, such as but not limited to contractor and sub-contractor escalation, equipment escalation, additional supervision, additional staff, and monthly expenses.

- The Contract Sum increase funds all necessary Contractor Work, coordination, interface management and project management required to achieve a revised Provisional Milestone 8 - MSF Substantially Complete and Turn-over to CSC (Full Access) date of April 15, 2016.
- The Providing Milestones listed in Contract Special Provision SP-4.1b will be revised.
- The Contract Sum increase includes all applicable markups, insurance, bond fees and taxes, in accordance with the Contract.
- Except as provided herein, all terms and conditions of the Contract, as modified by prior CCO, remain unchanged. This CCO constitutes a full and final accord and satisfaction of all costs and time of performance for the changes described or referenced herein.



HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

CONTRACT CHANGE ORDER

Contract: Maintenance & Storage Facility DB

Contract Change Order No.: 00017

Contractor: Kiewit Kobayashi a Joint Venture

Contract No.: CT-HRT-10H0449

Commencement Date: 7/25/11 Original Contract Time (Days): 1245 Original Completion: 12/20/2014

DESCRIPTION OF WORK: See attached Supplemental Sheets, RFCs and Corresponding Record of Negotiations
This Contract Change Order (CCO) funds the following bilateral agreement:

- * Work associated with this CCO is inclusive of all services and deliverables specified in Contractor Request for Change (RFCC) 00023. It provides a four million two hundred fifty thousand dollar (\$4,250,000) Contract Sum increase.
* The Lump Sum amount in this CCO, when added to the maximum dollar amounts issued in CCO #11 and CCO#14, constitute full compensation to the Contractor for the work described herein.
* In addition to the Work specified in RFCC 00023, this increase funds additional systems/electrical design enhancements through continued interface management, and design project management required to complete the associated full and final design, inclusive of HART approval and completed permitting by the City and County of Honolulu (CCH) Department of Planning and Permitting (DPP).
* Design Project Management associated with this CCO includes full and final design, issuance of NDC packages, and coordination of construction activities post design. Additional systems/electrical design enhancements are limited to, schedule and construction cost based analysis of automatic train control, power feeder, backup power infrastructure and system designs which shall be coordinated through the HART interface process and Task Force Meetings.
* The increased funds include the complete additional post design services associated with construction of the built items specified in RFCC 00023 as well as the incorporation of the following current outstanding interface design issues; fences, gates, walkways and the Traction Power Supply Station (TPSS) foundation. Incorporation of these items assumes receipt from HART and/or AHVJ of the information necessary to complete these designs. This requisite information must be received no later than March 21st to be incorporated in to the final design and is included in the attached schedule.
* The increase includes all applicable markups, insurance fees, bond fees and taxes, in accordance with the Contract.
Except as provided herein, all terms and conditions of the Contract, as modified by prior Contract Change Orders, remain unchanged. This Contract Change Order constitutes a full and final accord and satisfaction of all costs and time of performance for the changes described or referenced herein.

CHANGES INCLUDED IN CHANGE ORDER

Table with 4 columns: Type, Number, Description, Cost, Time Change. Row 1: RFCC 00023 Yard Layout Reconfig - ATO Design \$4,250,000.00 0. Total Amount This Change Order No. 00017 \$4,250,000.00 0.

Summary table with 2 columns: Description, Amount. Rows include: The Original Contract Sum (\$195,258,000.00), Net Change by Previously Authorized Requests and Changes (\$30,112,244.28), The Contract Sum Prior to This Contract Change Order (\$225,370,244.28), The Contract Sum Will be Increased (\$4,250,000.00), The New Contract Sum Including This Contract Change Order (\$229,620,244.28), The Contract Time Will Not Be Changed, The Revised Date of Substantial Completion as of this Contract Change Order (12/27/2015).

Computed and Checked:

1. [Signature] HART Project Manager

Approved: [Signature] Contractor

Approved: [Signature] HART Officer In Charge

Certify Availability of Funds:

4. [Signature] HART Fiscal Officer

Approved as to form and legality: [Signature] Deputy Corporation Counsel GARY Y. TAKEUCHI

Approved: [Signature] HART Executive Director & CEO
HART Execution Date

Handwritten date: 3/21/14



CONTRACT CHANGE ORDER

Contract: Maintenance & Storage Facility DB

Contract Change Order No.: 00017

Contractor: Kiewit Kobayashi a Joint Venture

Contract No.: CT-HRT-10H0449

Commencement Date: 7/25/11 Original Contract Time (Days): 1245

Original Completion: 12/20/2014

Basis of Payment

Payment for this Change Order will be made in accordance with the following Schedule of Milestone

Milestone Title	Milestone Code	Activity ID	Unit Value	Qty	Units	SM Value (\$)
Preliminary Design, Project & Interface Management	00.01.00.00.80.03	CCO.449.00017.01	\$1,175,050.00	1	LS	\$1,175,050.00
Project & Interface Management - Full Design (2 Mo)	00.01.00.00.80.03	CCO.449.00017.02	\$250,000.00	2	Mo	\$500,000.00
Issue Updated OTS	00.01.00.00.80.02	CCO.449.00017.03	\$500,000.00	1	LS	\$500,000.00
Finalize Design of NDC packages	00.01.00.00.80.02	CCO.449.00017.04	\$500,000.00	1	LS	\$500,000.00
Issue Final Design NDC packages to HART for Review/Acceptance	00.01.00.00.80.02	CCO.449.00017.05	\$500,000.00	1	LS	\$500,000.00
Issue Permit Drawings to DPP	00.01.00.00.80.02	CCO.449.00017.06	\$400,000.00	1	LS	\$400,000.00
Submit NDC Permit Drawings to HART	00.01.00.00.80.02	CCO.449.00017.07	\$400,000.00	1	LS	\$400,000.00
Post Design Services (18 Mo)	00.01.00.00.80.03	CCO.449.00017.08	\$15,275.00	18	Mo	\$274,950.00



Contractor Request for Change (RFCC)

RFCC NO: 00023

To: Martin Hall, P.E.
Company: Parsons Brinckerhoff, Inc.
From: Tom Broderick
Company: Kiewit Kobayashi a Joint Venture
Subject: Full Design HART initiated Changes

Created Date: 10/25/13

HART Issue No: 00116

WBS Level:

Scope IS Defined with the Following Identified Impacts:

Work Impact: No

Cost and Schedule Impacts:

Schedule Impact:

Cost Impact: \$5,600,000 ROM Date CPC Submitted: 10/28/13

Configuration Impacts:

Baselines Impact:

Interface Plan Impact:

Latest Status and Date Information:

Status: In Change Management

Updated Question Date: 10/25/13

HART Response Due by: 11/24/13

BIC: TB KKJV

Updated Response Date: _____

CTR CPC Due by: _____

Requested Change: (Include time sensitive and schedule activities affected)

Update 10/25/13

KKJV is submitting the specific proposal for B1 (Tiger Team - RFCRs 18, 19, 20, 21, 22, 23, 28), B2 (Automated Train Operation - RFCR 29/36), B3 (Train Control Bungalow - RFCR 30/38), and B4 (Additional Design Services). Construction impacts will be submitted under separate RFCRs.

The issuance of RFCRs 18, 19, 20, 21, 22, 23, 28, 29/36, 30/38 contains HART's requests of proposals for preliminary and final design efforts. HART has since requested a combined proposal for all the referenced RFCRs from preliminary through final design.

The scope of this RFCC contains the design impacts to incorporate the Changes of the referenced RFCRs into the design.

Justification:

RFCR's 18, 19, 20, 21, 22, 23, 28, 29/36, 30/38 issued by HART result in design impacts. To help mitigate inefficiencies, the referenced RFCRs design may be executed and progressed concurrently.

Attached Files:

MSF RFCC 23 CPC moved to CM58.doc

CON_HART_CORR_TO_00289_20131025_LTR-KKJV-HART-00282 -RFCC 23.pdf

Date Attached:

11/21/13

10/25/13

Response:

1/10/2014 The Compendium of Design Criteria (CDC) 12.5.1 Passenger Vehicle General Characteristics and all affected CDC requirements shall be revised to incorporate the Federal Transit Administration (FTA) determination to implement the use of only four-car consists throughout the Honolulu Rail Transit project. The Design-Builder shall proceed with the necessary Core System Contract interface and provide Maintenance and Storage Facility contract infrastructure, site, and facility designs using only four-car consists.



HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

HONOLULU RAIL TRANSIT PROJECT
Maintenance & Storage Facility DB

CONTRACT NO: CT-HRT-10H0449

Contractor Request for Change (RFCC)

RFCC NO: 00023

Definitive implications of the revised criteria include the following:

1. Storage Track S8 design shall be revised accordingly (i.e. implement 4-car design). The associated HART initiated Request for Change (RFCR 00020) shall be revised to remove the request to provide an associated construction Contractor Proposed Cost (CPC); thereby closing RFCR 00020. The Storage Track S8 shall not be constructed by KKJV nor shall any of this Contract Sum be allocated to fund associated construction costs.
2. The Rail Mover Vehicle Driveways design shall be eliminated. The associated HART initiated Request for Change (RFCR 00023) shall be revised to remove the request to provide an associated construction CPC; thereby the RFCR shall effective request the DB provide only a Vehicle Unloading Dock construction CPC.
3. Reduce the quantity of Mainline and MSF Site Insulated Joints (IJs).
4. Reduce the quantity of affected wayside equipment.
5. Minimize the length of MSF Site cable trough and maximize the lengths of associated underground conduits.

Issued as DCN/FCN: Not to exceed \$0

Scope Limited to:

City Reviewer: Tom Broderick

Date: 10/25/2013

GEC Reviewer: Henry Oviedo

Date: _____

Responder: Henry F Oviedo

Date: _____