



**AMENDMENT**

**Contract:** West Oahu Station Group Final Design

**Amendment No.** 00006

**Contractor:** URS Corporation

**Contract No.:** SC-HRT-1200116

**Commencement Date:** 6/15/12 **Original Contract Time (Days):** 1614 **Original Completion:** 1/14/2016

**DESCRIPTION OF WORK:** See attached Supplemental Sheets of RFC's and corresponding Record of Negotiations.

CHANGES INCLUDED IN CHANGE ORDER				
Type	Number	Description	Cost	Time Change
RFCC	00005	Passenger Screen Gates	\$80,233.00	0
Total Amount This Change Order No. 00006			\$80,233.00	0

This amendment shall fund the following extra Consultant work:

Provide Architectural, Structural Engineering and Electrical Engineering services as required to incorporate the Passenger Screen Gates (PSG) into the design of the East Kapolei and UH West O'ahu Stations. The basis-of-design manufacturer for the PSG system will be Faiveley Transport. Each run of PSG will consist of automatic sliding doors corresponding to each train door, with emergency escape doors and fixed screen panels between the fixed driving panels. The PSG sliding door height will be 5 ft. (1500 mm).

<b>Current Allowance</b>	.....	<b>\$1,069,245.98</b>
<b>This Allocation</b>	.....	<b>\$80,233.00</b>
<b>Remaining Allowance</b>	.....	<b>\$989,012.98</b>

<b>The Original Contract Sum</b>	.....	<b>\$7,789,000.00</b>
<b>Net Change by Previously Authorized Requests and Changes</b>	.....	<b>\$1,473,805.27</b>
<b>The Contract Sum Prior to This Amendment</b>	.....	<b>\$9,262,805.27</b>
<b>The Contract Sum Will Not be Changed</b>	.....	<b>\$0.00</b>
<b>The New Contract Sum Including This Amendment</b>	.....	<b>\$9,262,805.27</b>
<b>The Contract Time Will Not Be Changed</b>	.....	
<b>The Revised Date of Substantial Completion as of this Amendment</b>	.....	<b>05/15/2017</b>

**Computed and Checked:**

1. *C. Meyer*  
HART Project Manager

**Approved:**

2. *[Signature]*  
Contractor

**Approved:**

3. *S. G. G. G.*  
HART Officer In Charge

**Certify Availability of Funds:**

4. *B. Babulama 7/17/14*  
HART Fiscal Officer

**Approved as to form and legality:**

5. *[Signature]*  
Deputy Corporation Counsel  
GARY Y. TAKEUCHI

**Approved:**

6. *[Signature]*  
HART Executive Director & CEO

*7/23/14*  
HART Execution Date

*RBY 7/10/14*



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The extra work shall:

Revise architectural plans and details to indicate the PSG location, configuration, and edge condition. Provide structural design to accommodate the PSG load at the platform edge and girder. Locate conduits for power and data; coordinate requirements for grounding isolation.

Additional Services shall include:

Review of all PSG materials provided by HART and incorporation of provisions for the PSGs into the work, making adjustments to drawings as necessary to reflect the required changes. Interface with the Core System Contract (CSC) for coordination of systems requirements, as information becomes available. 3D images will be prepared which will include the PSGs and PSG design considerations in the Basis of Design (BOD) Reports for East Kapolei and UH West O'ahu Stations.

In particular, the following drawing modification activities are required:

Architectural - Revise all platform level plan sheets to indicate the PSGs; Revise platform section sheets; Develop details at platform edge.

Structural - Provide additional details as needed; Incorporate PSG loads into calculations.

Electrical - Show power and data conduits from TCCR to controller cabinets; Incorporate PSG requirements into one-line diagrams and panel schedules.

The following assumptions shall pertain:

Modifications to the UPS, TCCR rooms to accommodate dimensional, electrical or heat load changes, will not be required. Recalculation of exiting will not be required. Signage modifications will not be required. Detection system of passengers trapped between the vehicle and PSG will not be required, or will be provided by others. PSGs will be raised above platform to accommodate drainage. There will not be any change to platform configuration or slope. There will be no requirement for a PSG controller room and/or controller cabinet to be accommodated on the platform (i.e. that the controller cabinet will be built into the PSG door system by others). There will be one point of electrical connection to the controller cabinet at each platform. The connection from controller cabinet to the PSG is by others. The platform theming will not be modified as a result of PSGs. The electrical bonding is to be provided from the PSG's wall bonding point to the rail, by others. All low voltage wiring/connections will be provided by others. The 8" platform clearance stated in CDC will be modified to accommodate the PSG addition without changing the physical dimensions of the current platforms.

By execution of this Amendment No. 00006, the Consultant acknowledges and agrees that the price adjustment set forth on this Amendment No. 00006 represents equitable compensation for any and all changes and additions to the scope of work described herein. Said price adjustment shall be in complete satisfaction of any and all claims by the Consultant, its subcontractors and suppliers, or by anyone claiming by, through or under the Consultant for any increased compensation or damages, to person or property, arising out of said changes and additions being made to the scope of work. The Consultant further agrees to defend, indemnify, and hold the City harmless against any and all such claims.

For and in consideration of the amount of EIGHTY THOUSAND TWO HUNDRED THIRTY THREE and 00/100 DOLLARS (\$80,233.00) for this Amendment No. 00006, the Consultant hereby releases, acquits, and forever discharges the City from and on account of any and all claims referred to above.

### 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 (\$)
PSG components of East Kapolei Stn Pre-final Design	B1.01.21.00.80.02	CO.116.00006.001	\$39,715.57	1	LS	\$39,715.57
PSG components of UH West Oahu Pre-final Design	B2.01.21.00.80.02	CO.116.00006.002	\$40,517.43	1	LS	\$40,517.43
Deduct From Allowance	00.00.00.00.90.03	CO.116.00006.003	(\$80,233.00)	1	LS	(\$80,233.00)