

HONOLULU AUTHORITY FOR RAPID TRANSPORTATION  
CITY AND COUNTY OF HONOLULU

ADDENDUM NO. 5

TO THE

REQUEST FOR SEALED BIDS

FOR THE

HONOLULU RAIL TRANSIT PROJECT  
WEST O'AHU STATIONS GROUP CONSTRUCTION CONTRACT  
REQUEST FOR BIDS NO. RFB-HRT-838103

ISSUED: June 5, 2015

**NOTICE TO ALL PROSPECTIVE BIDDERS:**

This Addendum is hereby made a part of the Request for Sealed Bids (RFB) for the HONOLULU RAIL TRANSIT PROJECT (HRTP), WEST O'AHU STATIONS GROUP CONSTRUCTION CONTRACT, and it shall amend the said RFB in the following respects:

**1. Questions and Responses**

The following questions were received in the Transit Mailbox. The responses provided by the Honolulu Authority for Rapid Transportation (HART) are as follows and are herein incorporated as a part of the RFB:

Question #1

Please confirm for sign location for UH West Oahu F2-S-016 should be F2-G-016.

**Response #1**

**The sign location for UH West Oahu F2-S-016 should be to F2-G-016 on UWHO AR024.**

Question #2

Please confirm for sign location for UH West Oahu F2-G-029 should be E1.3-G-029.

**Response #2**

**F2-G-029 shown on UWHO AR024 was intended to be a room identification sign; it is incorrectly listed on UHWO AR403 as E1.3-G-029, a sign for authorized personnel only. Since this is a fenced mechanical yard, neither sign type is**

appropriate. Therefore, F2-G-029 shown on UWHO AR024 and E1.3-G-029 on UHWO AR403 are hereby deleted.

Question #3

Please confirm for sign location for UH West Oahu D2-P-009 should be D.2-P-009.

Response #3

**D2-P-009 is correct. Sign Type designation on UHWO AR405 is hereby revised to read "D2".**

Question #4

Please confirm for sign location for UH West Oahu E1.1-P-024.

Response #4

**There is no location for this sign since, as indicated in UHWO AR407, sign designation E1.1-P-024 is "not used".**

Question #5

Please confirm for sign location for UH West Oahu D2-P-029 should be D.2-P-029.

Response #5

**D2-P-029 is correct. Sign Type designation on UHWO AR408 is hereby revised to read "D2".**

Question #6

Please confirm the correct sign type for B3-PP-037 on page AR409. Sign location is B3-P-037.

Response #6

**B3-P-037 is correct. Sign Level designation on UHWO AR409 is hereby revised to read B3-P-037.**

Question #7

Please confirm for sign location for East Kapolei Station D1-C-005 should be D.1-C-005.

Response #7

**Sign Type designation on AR403 is hereby revised to read "D1".**

Question #8

There are no drawings for D.1, D2.1 or D3.1. Are they the same as D1, D2 and D3?

Response #8

**Sign type designation on E. Kapolei AR403 is hereby revised to read "D1". D2.1 and D3.1 are not the same as D2 and D3. Type D3.1 is designated for Ho'opili on**

**AR402 as similar to AS942/A. Type D2.1 is designated for Ho'opili on AR404 as similar to AS982 and AS990.**

Question #9

UH West Oahu Station, Sheet EC001. The site lighting is labeled as "L9 7". There is no Type L9 shown in the luminaire schedules. Please clarify what fixture type this is.

**Response #9**

**The fixture type is hereby revised from Type L9 to Type L7.**

Question #10

UH West Oahu Station, Sheet EL001. There are Type A2 shown but there is no Type A2 in the luminaire schedules. Please clarify.

**Response #10**

**The fixture type is hereby revised from Type A2 to Type A3.**

Question #11

UH West Oahu Station, Sheet EL004. Type L7 is labeled with a note referring to "Architectural Standard Dwg. AS313 for Details". I don't see this sheet in the Common Drawings. Please advise where this sheet can be found.

**Response #11**

**The note is hereby revised to refer to electrical Detail 3 on common drawing ES007.**

Question #12

East Kapolei Station, Sheet EL002. There are Type M6 sign lights shown but M6 is not shown in the luminaire schedules. Please clarify.

**Response #12**

**The lighting fixture schedule has been revised to include Fixture Type M6. (Insight Lighting #MVM635K30DEAS-1248IDIM-2TBLACVCRF).**

Question #13

Ho'opili Station, Sheet EC001. There are Type V5 shown but V5 is not shown in the luminaire schedules. Please clarify.

**Response #13**

**The fixture type is hereby revised from Type V5 to Type V2.**

Question #14

Ho'opili Station, Sheet EL004. There are Type DD shown but DD is not shown in the luminaire schedules. Please clarify.

#### **Response #14**

**The fixture type is hereby revised from Type DD to Type D2.**

#### **Question #15**

Ho'opili Station, Sheet EL007. Type L7 is labeled with a note referring to "Architectural standard common drawing AS313". I don't see this sheet in the common drawings. Please advise where this sheet can be found.

#### **Response #15**

**The note is hereby revised to refer to electrical Detail 3 on common drawing ES007.**

#### **Question #16**

It's unclear how the HART Canopy Standard Drawings are to be used for lighting. Each station's set of construction plans appear to show all the lighting required at that particular station. Which one governs should there be discrepancies when comparing the canopy standard drawings with a particular station?

#### **Response #16**

**The station specific plans show all the lighting required including circuit numbers and shall govern over the Canopy Standard Drawings for lighting.**

#### **Question #17**

Trash/Recycling Receptacles – There are (2) different trash/recycling receptacles spec'd; one is manufactured by Securr (HS2450WR-CS) & the other is manufactured by Maglin (MRC202). Which one is to be on this job? We have an alternate for the Maglin receptacle.

#### **Response #17**

**Trash receptacles are to be per Specification Section 12 93 00, 2.02,B,1, and 2; Model #(HS2450WR-CS) manufactured by Securr or equal.**

#### **Question #18**

Bench – the specifications show a bench manufactured by OCC Outdoors. After looking this bench up and comparing it to the bench shown in the drawings, they do not appear to be the same. Again, we have an alternate for the OCC Outdoors bench that is called out so would like to verify which bench is correct.

#### **Response #18**

**Benches are to be per Specification Section 12 93 00, 2.02,C,1, and 2; Model BLBen-V-AR-6 manufactured by OCC Outdoors, or equal.**

#### **Question #19**

Bike Racks – In the specs Huntco (MB-11) is called out, however, in the drawing detail Maglin (MBR400) is listed. Are there to be two different bike capacity racks on this job or are they the same and one of those manufacturers is just an approved equal?

**Response #19**

**The Basis of Design for the bike racks is Huntco (BR400-11) or equal, per Specification section 12 93 00 Para. 2.02.A.1.a. Capacity of individual bike racks are consistent throughout the project (11 Bikes).**

**Question #20**

In the specifications it states that the bike racks are to be hot-dipped galvanized. Is that to be the same for the trash receptacles and benches as well?

**Response #20**

**Trash receptacles are to be factory powder coated per Specification Section 12 93 00,2.02,B,3; Bike racks are to be hot dipped galvanized and painted per Specification Section 12 93 00, 2.02,A,1,b and 12 93 00, 2.02,A,2,b.**

**Question #21**

Reference: Existing Conditions plan related to East Kapolei Station and UH West Oahu Station Drawing No. TD001 indicates an existing OH power line runs parallel to Kualaka'i Parkway on the east side. In order to safely install drilled shaft (drilling and rebar cage placing), this line need to be de-energized due to lack of horizontal / vertical safety clearances.

- (a) What's the duration of outage allowed?
- (b) If outage is not allowed, who will be responsible for the cost of covering / blanketing the wires?
- (c) Will blanketing the wires will be an acceptable / safe method to perform work within the subject OH power line if horizontal / vertical safe clearances are not met?

**Response #21**

**See Addendum 3, Question and Response #3.**

**Question #22**

Spec Section 12 93 00 – Site Furnishings calls for Bike Rack Model: MBR400-11 (per addendum 2), this model is for a Maglin Bike Rack, however, the manufacturer in the specs is Huntco. In addition, the Bike Rack Detail for all of the stations state that the bike rack is to be Maglin model, MBR400. Is Maglin also an approved manufacturer?

**Response #22**

**Maglin was determined not to meet the Buy America Act and, therefore, is not an acceptable product.**

**Question #23**

Backless Bus Stop Benches are called out in Spec Section 12 93 00 – Site Furnishings, however, none could be located in the drawings for all of the stations. There are also no details provided for the Backless Bus Stop Benches in the drawings. Please provide direction.

**Response #23**

**Specification Section 12 93 00 Site Furnishings Para. 2.02.C – Benches is hereby modified to add the following:**

**5. Provide one (1) bench at each station. Coordinate location of bench with HART in field. Install per manufacturer’s recommendations with ½” galvanized anchor bolts in concrete.**

**Question #24**

Vitrified Polymer Composite cast-in-place detectable/tactile warning tiles at sidewalk ramps are called out in Spec Section 09 61 40 – Precast Detectable-Tactile Warning Surfaces and Paving Tile, however, none could be located in the drawings for any sidewalk ramps. There are also no details provided for the sidewalk ramp warning tiles. Please provide direction.

**Response #24**

**There are no sidewalk ramp warning tiles required; note that precast detectable warning is required at platform edges.**

**Question #25**

Contract Drawing AR102 for the Ho’opili Station, has multiple references to an Overhead Coiling Grille, however, the Door Schedule AR901 does not have an Overhead Coiling Grille listed. Please provide direction.

**Response #25**

**AR901 is hereby revised to add the overhead coiling grille at the fare gate entry. This door is 26'-11" wide by 11'-9/1/2" high. Details are shown on AR115.**

**Question #26**

Can a narrative be provided by HART defining the existing conditions to be expected for bid purposes? (i.e. – will the channel profiles be restored to previous condition or will excavation and/or embankment by this contract be required; what if any erosion control measures will be left in place and who is responsible for the maintenance and removal of?

**Response #26**

**We assume this question pertains to Kaloi Channel. Bids should be based on the grading and erosion control work and the existing conditions shown in the drawings.**

**Question #27**

Are areas available for laydown and support area that have been graded and used as part of the guideway contract for the stations contract even though they are currently shown outside of the “grading limits”?

**Response #27**

The known areas available for lay down and support are within the grading limits of each station. The successful offeror may work with other contractors in the area to find additional lay down and support space.

**Question #28**

Please confirm that this bid package does not include a photography detail as in previous bid packages.

**Response #28**

General Conditions Chapter 7.7 details the required photographic documentation.

**Question #29**

Please confirm sign location for F2-G-011. There are two locations on the plans for East Kapolei Station.

**Response #29**

See Addendum No. 3, Question and Response #19.

**Question #30**

Addendum 2 sheet AR900 in the UH West O'ahu station set made a change to door 01. This door type (type C) appears to have been changed to a gate however the remarks are still indicating laminated tempered glazing. Please confirm door type.

**Response #30**

Please use door indicated in AR103. AR900 is hereby updated to match door type.

**Question #31**

3 & 5/AR091. Please confirm porcelain tile wall finish in entry module elevation of East Kapolei Station as PCT-1, PCT-2, or PCT-3.

**Response #31**

Porcelain tile shall be as indicated on AR310, Material C5.

**Question #32**

1/AR100. Please confirm 1'x2' scheduled porcelain tile as PCT-1, PCT-2, or PCT-3.

**Response #32**

Porcelain tile shall be as indicated on AR310, Material C5.

**Question #33**

3 & 6 / AR109. Please confirm that on details 3 & 6 / AR-109 that the 2 layers of cementitious board shown applies to both sides of the wall.

### **Response #33**

**Yes, that is correct.**

### **Question #34**

AR901 & AR043. The room finish schedule on AR901 for the UH West Oahu stations indicates a 2HR fire rated ceiling assembly for rooms G005, G006, G008 & G009 in the remarks section of the room finish schedule. The ceiling column indicates that these rooms are to be EXP (Exposed to structure). Sheet AR043 shows for these rooms to have a 2 HR fire-rated soffit assembly. Please confirm whether or not these rooms are EXP or have a FR ceiling.

### **Response #34**

**These rooms are to be 2HR fire-rated. AR901 is hereby updated to match drawing.**

### **Question #35**

Regarding Section 13 31 23, Tensioned Fabric Structures, Addendum No.03 Question and Response #10 confirms that HART believes no specialty license is required and the work can be completed by a Contractor with an A or B General license. We have all the experience required by specifications to complete the work and the Hawaii Contractors licensing board determined the appropriate license for our company was a C44b. Therefore we obtained that license. This was an acceptable license classification on original bid in August 2014, therefore we proceeded to apply for that license in order to meet bidding requirements. In addition to the A and B license please confirm a C44b license is acceptable? Please note that if a Class A or B license is a mandatory requirement, it will eliminate any possibility for competitive bidding for a relatively large scope of work. Please clarify.

### **Response #35**

**See Addendum No. 3 Question and Response #10.**

### **Question #36**

Regarding bid item 7) Allowance for Compensable Project Delay please provide a list of reimbursable costs under this item as it may pose an unfair bidding advantage if each bidder is required to determine the "RISKS" associated with this item. This cost may end up very disproportionate from one bidder to the next bidder if each bidder must guess as to what HART expects to be in this item. To provide an fair bidding field, and to prevent a bidder from unbalancing a bid by overstating Bid Item 7) Allowance for Compensable Project Delay and understating other bid items to appear low, it would be prudent to eliminate bidders from making undue assumptions on an item that can directly impact the lowest overall cost to the HART.

As such, and as stated above, please confirm HART's interpretation of Compensable Project Delay reimbursable costs to include costs similar to extended overhead costs such as supervision, staff vehicles, office, office expenses, etc. Please confirm all other ambiguous, non-time related costs such as heavy equipment demobilization/re-mobilization, subcontractor demobilization/re-mobilization, and material escalation, will NOT be included in said cost as this is typically not applied to an extended overhead

rate, or please indicate specifically, will HART require demobilization/re-mobilization of heavy equipment in its entirety, or pay for under/non-utilized equipment and indicate associated equipment types, durations, and rates HART will accept in its daily compensable project delay rate. Please indicate if HART prefers a delay in the project and pay for escalation or pay for acceleration and maintain project completion. There are so many factors that surround a change which does end up delaying a project, and to expect a bidder to address these factors under one compensable delay rate is unreasonable. Also, the 30 days bid quantity is very misrepresentative as shown in table below where most if not all of HART projects, with the exception of the Core Systems Contract, has recognized delays of more than 15 months in a five (5) month period. This fact in itself may lend a bidder to overstate this bid item with really no repercussion on their overall bid amount. Again, please provide a list of reimbursable costs under Bid Item 7) Allowance for Compensable Project Delay or confirm HART's interpretation of Compensable Project Delay reimbursable costs to include costs similar to extended overhead costs such as supervision, staff vehicles, office, office expenses, etc. OR explain in detail what is expected, by HART, to be included in this item.

### **Response #36**

**This bid item is intended to cover the items for which the Contractor expects to be compensated for compensable delays and is in lieu of the approach described in General Conditions Section 3.8 a (1) (B). Although not required, a reasonable approach in developing a daily rate amount is to use the process set forth in General Conditions Section 3.8(a)(1)(B). Relative to the estimated number of days of compensable delay, this cannot be predicted; however, HART believes the 30 day period used for Allowance for Compensable Delay is a reasonable number of days for this Project. This said, HART does not represent that the period will be less or more than the stated 30 days.**

### **2. Special Provisions 7.15 Construction Facilities**

SP-7.15 Construction Facilities shall be deleted in its entirety and replaced with the following.

### **5. SP-7.15 CONSTRUCTION FACILITIES**

Section 7.15.1 of the General Conditions is hereby deleted and replaced with the following:

#### **7.15.1 Construction Facilities**

(a) The Contractor shall maintain for the duration of the Contract, a permanent place of business within Oahu, where the Contractor may be served notice and legal process. Written notice may also be served with the Contractor on the Project site personally or via fax, email, or the local post office address or post office box.

(b) The Contractor shall pay for all office and other building space, facilities, and equipment required to meet the requirements of the Contract, including providing one workspace for the use of members of HART's field office staff within the Contractor's office for use by HART's staff. HART's workspace shall include one (1)

desk with lockable drawers and two (2) chairs. This workspace will not be HART's primary field office, but should be available for HART staff visits, including inspections. A parking space shall be available for HART staff visits.

(c) In making arrangements for its office and facilities, the Contractor shall:

- (1) Provide facilities for key personnel to be present in the local office so that they may be available to HART and the Project, whenever required.
- (2) Locate its field office in close proximity to the Project. Location to be approved by HART.

(d) The Contractor shall be wholly responsible for its office and facilities, including, but not limited to, securing the sites, obtaining all site permits, installing, setting up, providing utility services, maintaining the facilities, and having appropriate security for the facilities. The facilities shall meet OSHA and local code requirements for office space, and ADAAG requirements.

(e) Site identification signage shall be provided at all Project offices, and all sites of Work. See GC Section 7.25, Project Identification.

APPROVED:

A handwritten signature in black ink, appearing to read 'D. Grabauskas', is written over a horizontal line. To the right of the signature, the date '6/5/15' is handwritten.

Daniel A. Grabauskas  
Executive Director and CEO  
Honolulu Authority for Rapid Transportation