

ADDENDUM NO. 1  
TO  
PLANS AND SPECIFICATIONS  
FOR  
HILO TRANSFER STATION  
RECYCLING, HI-5 AND REUSE FACILITY REPAIRS  
JOB NO. SW-4316  
AT  
SOUTH HILO, HAWAI'I  
COUNTY AND STATE OF HAWAI'I

**NOTICE TO ALL PROSPECTIVE BIDDERS**

The items listed below are made a part of the contract and shall govern the work, taking precedence over the previously issued plans and specifications governing the particular item of work mentioned.

**SPECIFICATIONS**

1. **ADD** Specification Section 02577 PAVEMENT MARKINGS in its entirety. (2 pages total)
2. **DELETE** paragraph 1.04.A. of Specification Section 13135 BAMBOO REUSE SHELVES AND EXTERIOR SHADES in its entirety and **REPLACE** with the following paragraph 1.04.A.:

“Provide shelves similar in concept, size, and appearance to those shown herein.”

**REQUEST FOR INFORMATION**

1. Detail shown on Sheet C-4 states “minimum pavement section shall be 2” ACP / 4” AB of 90% compacted subgrade”. Is the intent to remove the top 6” of pavement/base and install new base course @ 4” thick and A.C. pave @ 2” thick?

**RESPONSE:** The Detail on Sheet C-4 states the minimum pavement and base course section. Contractor shall visit the site to determine if the existing base course is sufficient per detail on sheet C-4.

2. Note 2 on Sheet C-1 state “County of Hawai‘i will relocate bamboo tent structure to a temporary storage area, Contractor is responsible for moving the ReUse bamboo tent to its final placement” – Will COH “dis-assemble” bamboo tent structure prior to storing? After Contractor moves bamboo tent structure to final placement, who will re-assemble bamboo tent structure – Contractor or COH?

**RESPONSE:** the County of Hawai‘i will not “dis-assemble” the bamboo structure. The structure is currently placed at its temporary location.

3. Spec Section 13135 1.01 A. 1.a. 1. States “Contractor shall install twelve (12) cordless exterior shades on existing Bamboo ReUse Tent” - How will the exterior shades be installed on tent? Will a new perimeter bamboo fencing need to be constructed to hang the shades? If so, please furnish detail of bamboo fencing.

**RESPONSE:** The exterior shades will be secured to the bamboo structural members without penetrating the bamboo structural members.

4. Section 03100 Concrete Formwork, 03200 Concrete Reinforcement, Section 03300 CIP Concrete are shown on Spec Table of Contents – Other than new fence post footings, is there new concrete work in this contract (none mentioned in proposal items)?

**RESPONSE:** No.

5. Plan sheet C-3 specifies parking stall striping, arrows, and stop bars. A painting section was not included in the project specifications. Is this thermoplastic or paint?

**RESPONSE:** Please see addendum #1 for Specification 02577 Pavement Markings and all striping shall be paint.

6. Specification section 13135-2 shows a detail for the shelving. It specifies to paint white. A painting section was not included in the project specifications. Please specify type of paint, latex or oil?

**RESPONSE:** Contractor may use latex paint for the shelves.

7. Specification section 13135-3 specifies new bamboo fence, see section X-X sheet A-5. Please provide sheet A-5 for detail. Is the bamboo fence to be fastened to the ground or free standing? If fastened to the ground then a concrete footing for each post would be better. Please provide a detail showing how the posts are mounted to the ground.

**RESPONSE:** Per the summary for Specification Section 13135 no bamboo fence is to be provided under this project. Please disregard section X-X.

8. Specification section 13135-3 does not specify a manufacturer for the bamboo fence. Do you have a preference?

**RESPONSE:** Per the summary for Specification Section 13135 no bamboo fence is to be provided under this project. Please disregard section X-X.

9. Sheet C-3 specifies for contractor to relocate bamboo tent structure. Contractor to provide stainless steel anchor bolts as required to secure to asphalt surface. The existing tent structure is mounted on concrete filled tires. Is the intent to fasten the structure to the ground? If so, a concrete footing would probably be best in lieu of fastening it directly to the AC pavement. Please provide a detail showing how the posts are mounted to the ground.

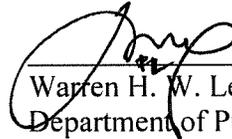
**RESPONSE:** Bamboo structure is currently fastened to the existing A.C. asphalt surface it is anticipated that the bamboo structure will be fastened to the new a.c. asphalt surface relocated to its final placement.

10. Specification section 13135 specifies the installation of (12) twelve 96" x 96" cordless exterior roller shades. The plans and specifications do not provide a detail for the mounting of the cordless roller shades to the Bamboo tent structure. Please provide drawings that show where and how the roller shades are to be mounted to the tent structure.

**RESPONSE:** The exterior shades will be secured to the bamboo structural members without penetrating the bamboo structural members. Attachment method of the exterior shades will depend on the style of shade provided by the contractor.

11. Specification section 13135 does not specify a manufacturer for the cordless roller shades. Do you have a preference?

**RESPONSE:** No, the exterior shades shall meet the minimum requirements per specification Section 13135.

  
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Warren H. W. Lee, P.E., Director  
Department of Public Works  
County of Hawai'i

Date Issued: September 23, 2016

Please detach and execute receipt below. Return immediately via facsimile (808) 961-8630 or mail to the Administration Office, Department of Public Works, County of Hawai'i at Aupuni Center, 101 Pauahi Street, Suite 7, Hilo, HI 96720-4224.

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Receipt of Addendum No. 1 via website for the HILO TRANSFER STATION RECYCLING, HI-5 AND REUSE FACILITY REPAIRS, Job No. SW-4316, South Hilo, Hawai'i, is hereby acknowledged.

Signed \_\_\_\_\_ Title \_\_\_\_\_

Firm \_\_\_\_\_ Date \_\_\_\_\_

SECTION 02577  
PAVEMENT MARKINGS

PART 1 - GENERAL

1.1 DESCRIPTION OF WORK

- A. Furnish all labor, equipment and materials necessary to construct the new pavement markings, including layout and pavement preparation, in place complete.

1.2 GENERAL REQUIREMENTS

- A. The work to be performed under this section shall include the furnishing of all labor and equipment necessary to perform all pavement markings as indicated on the drawings.

1.3 SUBMITTALS

- A. Product Data: Manufacturer's product data and application instructions. Submit in accordance with Section 01300 – Submittal Procedure.

1.4 DELIVERY AND STORAGE

- A. Deliver paints and paint materials in original sealed containers that plainly show the designated name, specification number, batch number, color, date of manufacture, manufacturer's directions, and name of manufacturer.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Paint shall be in accordance with Section 708.06, White and Yellow Traffic Paint of the “Hawaii Standard Specifications for Road, Bridge and Public Works Construction”, dated 1994, as amended, color as indicated on the drawings or as selected by the Architect.

2.2 EQUIPMENT

- A. The mechanical marker shall be an atomizing spray-type marking machine suitable for application of traffic paint. It shall produce an even and uniform film thickness at the required coverage and shall be designed so as to apply markings of uniform cross sections and clear-cut edges without running or spattering and within the limits for straightness set forth herein.

## PART 3 - EXECUTION

### 3.1 INSPECTION

- A. Examine the areas and conditions under which pavement markings are to be installed. Should any condition be found unsuitable, no work shall be done until the unsatisfactory conditions have been corrected and are acceptable to the Contractor. Proceeding with the work will imply acceptance of the conditions by the Contractor.

### 3.2 SURFACE PREPARATION

- A. Allow new pavement surfaces to cure for a period of not less than 30 days before application of marking materials. Thoroughly clean surfaces to be marked before application of the paint. Remove dust, dirt, and other granular surface deposits by sweeping, blowing with compressed air, rinsing with water, or a combination of these methods as required. Remove rubber deposits, existing paint markings, and other coatings adhering to the pavement by waterblasting. Scrub affected areas, where oil or grease is present on old pavements to be marked, with several applications of trisodium phosphate solution or other approved detergent or degreaser and rinse thoroughly after each application. After cleaning oil-soaked areas, seal with shellac or primer recommended by the manufacturer to prevent bleeding through the new paint.

### 3.3 INSTALLATION

- A. Approval of Layout: Do not apply paint until the layouts, indicated alignment, and the condition of the existing surface has been approved by the County of Hawai'i Representative.
- B. Painting: Provide guidelines and templates as necessary to control paint application. Take special precautions in marking symbols. Sharply outline all edges of markings. The maximum drying time requirements of the paint specifications will be strictly enforced, to prevent undue softening of bitumen, and pickup, displacement, or discoloration by tires of traffic. Striping widths for lines shall be 4-inches, unless otherwise indicated.
- C. Finish: The finished product shall have an opaque, well painted appearance, with no black or other discoloration showing through.

### 3.4 TRAFFIC CONTROL AND PROTECTION

- A. Place warning signs near the beginning of the work site and well ahead of the work site for alerting traffic. Place small markers along newly painted lines to control traffic and prevent damage to newly painted surfaces.

END OF SECTION 02577