

State of Hawaii  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
ENGINEERING DIVISION  
1151 Punchbowl Street, Room 221  
Honolulu, Hawaii 96813

**ADDENDUM NO. 2**

TO

Job No. D00CK68A  
Division of Forestry and Wildlife  
Kauai Baseyard Improvements  
Lihue, Kauai, Hawaii

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This addendum as issued shall become part of the Contract Documents for the subject project. The bid documents, plans, and specifications shall be amended as follows:

**A. Delete Addendum No. 1. This addendum supersedes Addendum No. 1.**

**B. Specification Section 13120 - PRE-ENGINEERED METAL BUILDINGS**

**1. 1.06 WARRANTIES. Item No. 2. Prime Contractor's Weather-tightness Warranty.**

A. Delete "The Metal Building System shall be warranted by the Contractor on a no penal sum basis for a period of five years against materials and workmanship deficiencies; system deterioration caused by exposure to the elements and/or inadequate resistance to specified service design loads, water leaks, and wind uplift damage."

B. Replace statement with "The Metal Building System shall be warranted by the Contractor on a no penal sum basis for a period of **two** years against materials and workmanship deficiencies; system deterioration caused by exposure to the elements and/or inadequate resistance to specified service design loads, water leaks, and wind uplift damage."

**C. Response to Questions and Clarification**

1. Solicitation General Information on page 2/5 "Vendors are allowed to submit by line item? Yes"- please confirm that vendors are able to submit a bid for any one of the line items 1 to 6 in Proposal Form?

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**Response:** General Contractor to provide Total Base Bid in HIEPRO, Proposal Schedule Bid Items should be completed as specified in P-1 through P-15 in the specifications. Bids will be evaluated based on Base Bid. (e.g. a vendor submitting for ONLY Item 3 & 4 will not be considered. Only bids completing all line items will be considered.)

2. E-2 Existing Panel MDP shown in drawings is different with regard to total amp rating as seen in physical panel MDP.

**Response:** Existing Panel MDP to remain. Amp rating shown on drawing to remain.

3. E-2 Existing Panel MDP shown is old and might need an upgrade. Who is responsible for this upgrade?

**Response:** Existing Panel MDP to remain.

4. Section 17000-2.08 Remote Monitoring System shown in specifications is not shown in Electrical Drawings. Please provide detail drawings for remote monitoring system with blue tooth capable existing internet router.

**Response:** PV system remote monitoring is required. Bid per specifications. In addition, the PV Contractor shall be responsible for cost to provide and install a Wi-Fi system including the connection to on-site internet system located in a separate facility within the baseyard.

5. Section 17000-2.08 - 5 - To show power utilized from KIUC, we need to install a Revenue Grade Meter at the main power source and connect it through wireless or wired to the remote monitoring system.

**Response:** Provide Revenue Grade Meter.

6. Section 17000-2.08 Remote Monitoring System - please provide acceptable vendor details who can provide a system capable of delivering specifications 1 to 6. For example, there is no monitoring system available with a 20 year subscription service.

**Response:** PV system remote monitoring is required. Bid per specifications. In addition, the PV Contractor shall be responsible for cost to provide and install a Wi-Fi system including the connection to on-site internet system located in a separate facility within the baseyard.

7. Section 17000-2.05 - May we provide equivalent total wattage in polycrystalline solar cells instead of monocrystalline solar cells? Also the wattage of 245W per solar module is not available anymore. Drawing PVE-1 shows 265W solar module. Currently available 260W or higher.

**Response:** Polycrystalline solar panels are not acceptable for this project.

8. Section 17000-2.06 - Please provide manufacturer details of 48 kW output grid tied inverter? Or can we provide multiple string inverters acceptable to KIUC?

**Response:** Four (4) 12 kW inverters is called for.

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9. Section 17000-2.06 H - Kauai County requires external DC Disconnects, so can we provide such external DC Disconnect and not integrated DC Disconnect?  
**Response:** External DC disconnects are acceptable.
10. Section 17000-2.07 - Racking system - Please provide manufacturer details. Who is responsible for flashing roof top penetrations to install standoffs as this will be a new metal roof installed?  
**Response:** PV Contractor to provide a framing support system for the PV panel type to be used for the project. Framing support system for the PV installation and roof penetration for water tightness shall be the responsibility of the PV Contractor under the supervision of the General Contractor.
11. Section 17000-2.09 - We understand that KIUC is not providing any more NEM interconnections. Schedule Q interconnections are available.  
**Response:** Schedule Q interconnections will be acceptable.
12. Section 17000-2.05 - May we provide Trinasolar TSM260-PD05.08 solar modules for the total kW required as per drawings?  
**Response:** Trinasolar TSM260-PD05.08 solar panels are not acceptable.
13. Sheet S-13, PVE-1 - The inside length roof area measurement is 140'. Fire code setback requirement is 4' x 2 sides = 8', so the balance roof length available is 132'. We need to layout 42 modules with mid clamps.  $42 \times 39.05'' = 1,640'' + 41''$  (for mid clamp) = 1,681'' or 140.08'.  $140.08' > 132'$ , therefore available space not sufficient.  
**Response:** Bid as shown.
14. Under the warranty for the Metal Building System stated that the Contractor shall provide a separate bond in an amount equal to the installed total metal building for five years. I just got a call from our bonding company that normally they provide only for two years. Can this be reduced to two years?  
**Response:** Bonding requirement for Contractor should be two years. See paragraph "B" of this addendum.

Engineering Division



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