

# ADDENDUM NO. 1

COUNTY OF KAUA'I  
DEPARTMENT OF WATER

PLANS, BID PROPOSAL, SPECIFICATIONS  
CONTRACT AND BOND  
FOR

**JOB NO. 16-04, WP2020 #WKK-03**  
**MCC, Chlorination Facilities-Kilauea Wells No.1 and No.2**  
**Kilauea Water System**  
**Kilauea, Kaua'i, Hawai'i**

## NOTICE TO PROSPECTIVE PROPOSERS

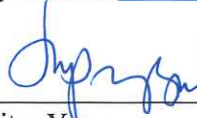
This addendum is hereby made a part of the PLANS, BID PROPOSAL, SPECIFICATIONS, CONTRACT AND BOND for the subject project and it shall amend the said contract documents in the following respects:

### Item 1

Prebid teleconference meeting minutes.

### End of Addendum No. 1

If there are any questions, please contact Mr. Dustin Moises by email at [dmoises@kauaiwater.org](mailto:dmoises@kauaiwater.org).



\_\_\_\_\_  
Marites Yano.  
Designated Chief Procurement Officer  
May 7, 2020

## ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM NO. 1

Receipt Acknowledged:

\_\_\_\_\_  
Organization

\_\_\_\_\_  
Received by

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title

(Please sign and return this acknowledgement.)

# ADDENDUM NO. 1

## Item 1: Pre-Bid Teleconference Meeting Minutes

### PRE-BID TELECONFERENCE MEETING MINUTES

May 1, 2020 @ 8:30 AM

**JOB NO. 16-04, WP2020 #WKK-03**  
**MCC, Chlorination Facilities-Kīlauea Wells No.1 and No.2**  
**Kīlauea Water System**  
**Kīlauea, Kaua‘i, Hawai‘i**

- Introduction
  - Chief of Construction Management –Dustin Moises, P.E.
- Notice of Intent (Deadline May 26, 2020 @ 4:30 PM) *Advised contractors to submit Notice of Intent to Propose on time because it is required in order to submit a bid. You can submit NOI and not bid later but you can't submit bid without NOI submitted on time.*
- **Bid Proposal Due Date** (June 5, 2020 at 2:00 PM) [All items must be submitted by this date and time. This is to be done electronically via Public Purchase website] [Failure to submit all required information by date and time is reason for disqualification]

Note: Prime Contractor must list all subcontractors during this submission (if their scope of work price is over 1% of total lump sum bid proposal price).

- Invitation for Bids (IFB):
  - SCOPE OF WORK: (Specs, Page 2-3)
  - RESPONSIBILITY OF PROPOSERS TO STUDY SITE (Will be visiting site after meeting, if needed)
  - IMPORTANT: Reference the General Provisions for construction contracts of the Department of Water, updated April 25, 2016 (GPCC). **Read thoroughly to avoid any guessing.**
  - TIME OF COMPLETION (Six hundred-thirty-630) calendar days from Notice to Proceed) Note: 90 of the calendar days are meant for submittal approvals prior to preconstruction meeting  
Anticipate **September-October 2020 NTP date or earlier.**
  - Permits – See Specs, Page 18-19, item 2.3 Instructions to Bidders for all permits needed to complete the project. The contractor shall attain and pay for all requirements, required charges and fees associated with these permits, including but not limited to any overtime inspection fees associated with these permits.
    - See IFB document/attachments for additional information
- SPECIAL PROVISIONS – General Requirements
  - FAILURE TO COMPLETE ON TIME AND PENALTY FOR LIQUIDATED DAMAGES
    - \$1,000/day. .

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- **No substantial completion.** There is no contract language defining substantial completion on Department of Water projects. Thus, contractor must complete the project 100%, within the contract end date to avoid liquidated damages. This includes attaining other department agency sign offs and any punch list items that are given to the contractor during prefinal and/or final inspection.

*DOW makes every effort to complete projects within contract timelines and enforce the contract requirements on project completion.*

- IFB docs were revised for this particular project. Review thoroughly as what you may have seen on previous DOW projects may be different.
- Contractors and their subs are advised to submit required forms. Bid proposals submitted without required items to be deemed responsive will be disqualified.
- Contractors are advised that portions of construction for this project might be done at night, except for during Shearwater Season (September 15 through December 15 annually). ***Waterline connections might be done at night. Shearwater Season and night work has to be taken into consideration and reflected when creating proposed schedules.***
- Construction Schedule needs to be realistic and based on IFB calendar days allowed.
- Read Section 2.3 of GPCC for health & safety requirements.
- Read Appendix D of IFB for insurance requirements.
- The contractor will be required to utilize the DOW's PMWEB project management software for this project. Training will be provided to the general contractor prior to use if necessary.
- The DOW **will not** allow the awarded contractor to request the preconstruction conference prior to all project submittals being approved by the DOW in order to expedite completion of the project. Contractor shall schedule project submittals and allow 28 working days DOW review time for each submittal review in meeting the contract end date. See IFB sections related to submittals required for entire project such as permits and other requirements and section 2.2.2 for additional details. All submittals shall be approved by DOW prior to scheduling preconstruction meeting and beginning site work on the project. Contractor to plan accordingly.

**\*CONTRACTORS' RESPONSIBILITY TO READ ALL SECTIONS IN IFB, PLANS, SPECS. & CURRENT WATER SYSTEM STANDARDS. CONTRACTOR SHALL BID ACCORDINGLY.**

**\*\*CONTRACTORS' RESPONSIBILITY TO CONTACT ALL OTHER GOVERNMENT AGENCIES OR UTILITIES INVOLVED WITH CONSTRUCTION OF THIS PROJECT PRIOR**

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TO BIDDING, TO ATTAIN DETAILS TO THE REQUIREMENTS SHOWN IN PLANS, SPECS. & CURRENT STANDARDS.

\*\*\*CONTRACTOR SHALL BID ACCORDINGLY PER IFB REQUIREMENTS AND PROVIDE APPROPRIATE COSTS NECESSARY TO COMPLETE THE PROJECT.

Pre-Bid Meeting Teleconference @ 8:30 a.m. May 1, 2020  
Pre-Bid Meeting Adjourned @ 8:31 a.m. May 1, 2020 (NO ATTENDEES)  
Site Visit: NO ATTENDEES REQUESTED FOR SITE VISIT

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## Frequently Asked Questions (FAQ)/ COMMENTS / QUESTIONS:

**FAQ:** What is the engineers estimate for the project?

**Answer:** We do not provide that information but contractors should not let the engineers estimate have an effect on the bid price; however, project budget for this project is \$3.755M.

**FAQ:** Can I request a copy of the plan holders list?

**Answer:** We do not provide this information until after the award has been issued.

**FAQ:** Who is the engineer/design team for this project?

**Answer:** Department of Water engineers along with Brown and Caldwell.

**FAQ:** Do you require union workers for all your projects?

**Answer:** No, but Certified Payroll reports are required by all contractors to be submitted for adherence to State wage bulletin regardless of union affiliation. See IFB for details.

**FAQ:** Does this project required an NPDES permit?

**Answer:** See special provisions section SP 4. The DOW has not attained any NPDES permit. The contractor shall review their means and methods for the project scope of work and determine if any NPDES permit is necessary. If necessary, contractor shall apply for and attain the required permit(s) at their cost. Please be aware that the project includes installation of a new pump and waterlines which must be disinfected. Contractor shall assure disinfection discharge water complies with all federal, county and state requirements.

**FAQ:** What is the disinfection process for the new pump/well and piping?

**Answer:** Please see Section SP-12 Chemical Testing and Disinfection for Deep Pump and Well Projects (attached).

**FAQ:** What design engineers/architects are not part of Brown & Caldwell? We want to know for project coordination during construction.

**Answer:** DOW Design staff: Keith Aoki and Bryan Wienand.  
Design consultant: Brown and Caldwell  
Garrett Leong – Project Manager  
Andrea Cheung – Project Coordinator/Civil Engineer  
Terry Gatlin – Mechanical Engineer

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Gino Mazzotti – Structural Engineer  
Clay Ozaki-Train – Electrical Engineer  
Paul Morgan (sub-consultant from Suzuki/Morgan Architects) – Architect

**FAQ:** Do you want to use value engineering process

**Answer:** Reference the General Provisions for construction contracts of the Department of Water, updated April 25, 2016 (GPCC) in particular section 5.7

**FAQ:** What is the deadline to submit questions?

**Answer:** located on table of page 2, May 15, 2020 is the deadline.

**FAQ:** Where does each well 1 & 2 feed the system so we know how sequencing is needed for controls? Do they operate at the same time?

**Answer:** Both wells 1 & 2 feed Kīlauea tanks 1 & 2 (466'). Kīlauea tanks feed both Puu Pane (466') and Kalihiwai (637') tanks via booster pumps. Water is then boosted from Puu Pane tank to Waipake tank (562'), and from Kalihiwai tank to Namahana tank (772.5'). Kīlauea Wells 1 & 2 run in a lead/lag sequence. They alternate based on which pump ran last. Pump #1 is lead but the pumps can run at the same time if needed.

Note the proximity and function of both wells should be factored into well pump disinfection plan and any other work that could affect adjacent well and affect the DOW system.

SECTION SP-12 – CHEMICAL TESTING AND DISINFECTION FOR DEEP PUMP AND WELL PROJECTS

12.01 GENERAL:

This item of work shall include furnishing of all labor, materials, tools and equipment necessary to perform chemical and bacterial testing of the newly installed pumps to meet requirements set forth by the Safe Drinking Water Act (SDWA). Contractor to schedule work plan based on section 12.02 requirements.

12.02 SEQUENCE OF WORK

A. CHEMICAL ANALYSIS AND CERTIFICATION:

- (1) The Contractor shall notify DOW in writing a minimum of 4 weeks in advance prior to the DOW performing the chemical testing and analysis.
- (2) Chemical sampling and analysis shall occur prior to chlorination and bacterial testing.
- (3) The well pump shall be run continuously for a minimum of two hours prior to sample collection.
- (4) DOW shall perform chemical sampling no later than 9:00 a.m. on a Monday, Tuesday, or Wednesday only and will send the samples to a Contract lab for analysis, and submit the results to the DOH Safe Drinking Water Branch. Sampling will not be allowed on a holiday observed by the County of Kaua'i.
- (5) DOW shall notify the Contractor when Certification from DOH Safe Drinking Water Branch has been obtained and when Chlorination can commence. Chlorination shall not occur prior to obtaining Certification from DOH Safe Drinking Water Branch.
- (6) Contractor to be available to assist DOW throughout water sampling and testing procedures.

- B. CHLORINATION: Prior to chlorination, a water chlorination and sanitation contractor with a C37-D license shall submit a chlorination plan that includes the water source and backflow prevention device to protect the source, chlorine injection points, proposed sampling points, and detailed step by step procedure. Refer to the Water Notes in the drawings, the Water Systems Standards as amended, AWWA C651-05, A100-15, and C654-13 for guidance. The chlorination plan shall comply with all discharge standards related to NPDES and local, state, and federal regulations. Chlorination shall not occur until the plan is approved by DOW.

At a minimum, the chlorination plan shall include the following:

- (1) A calcium hypochlorite and water slurry shall be used to attain a chlorine residual of not less than 50 parts per million (ppm).
- (2) The calcium hypochlorite and water slurry shall be injected into the casing to avoid affecting nearby wells.
- (3) The well pump shall be surged at least once to prove 50 ppm was attained.

- (4) Chlorinated water shall not be discharged on-site but instead shall be contained for dechlorination. The Contractor is responsible to ensure the chlorinated water has zero chlorine residual prior to discharge and the Contractor is responsible to meet all applicable NPDES permit requirements.
- (5) Contractor to be available to assist DOW throughout water sampling and testing procedures.

C. WATER SAMPLING FOR PATHOGEN TESTING:

- (1) The Contractor shall notify DOW in writing a minimum of 2 weeks prior to bacterial water sampling.
- (2) Sampling shall be done on a Monday, Tuesday, or Wednesday only. Samples will be taken between 830 a.m. -1:00 pm only. Sampling will not be allowed in a week with a holiday observed by the County of Kaua'i.
- (3) Prior to water sampling by DOW, the well shall be pumped to waste for a minimum of 15 minutes or until 0 ppm chlorine residual is achieved. The well shall sit idle for no more than 24 hours.
- (4) The DOW will then take two sets of samples. The second sample shall be taken 22-26 hours after the first sample. The DOW will analyze the samples and submit the results to the Contractor.
- (5) Steps described in Paragraph B.2 and B.3 shall be repeated as necessary until acceptable test results are obtained from two consecutive samples collected over 22-26 hours. Acceptable results shall be a negative result for the presence of coliforms and HPC counts less than 300 CFU/mL.
- (6) Contractor to be available to assist DOW throughout water sampling and testing procedures.

D. Water systems must be brought online within 14 calendar days of pulling the first bacterial sample. If water systems are not brought online within 14 calendar days due to a defect in the equipment, another bacterial analysis shall be required at the Contractor's expense. The DOW would collect and analyze the sample.

E. Upon receipt of DOH-Safe Drinking Water Branch certification of the well, DOW shall schedule the 7-day operational/efficiency test of the new equipment. DOW shall operate the new pump equipment and place the facility into service. The Contractor shall be on stand-by notice to repair any equipment defects that occur during the 7-day operational testing.

### 12.03 PAYMENT

Payment for testing and shall be made at the respective Unit Price Bids for the various items or the Lump Sum Bid, whichever is specified in the proposal. Payment shall represent full compensation for furnishing all labor, tools equipment, materials and incidentals necessary to complete the testing in place complete, in accordance with the plans and specs.

END OF SECTION