

**DEPARTMENT OF WATER SUPPLY
COUNTY OF HAWAI‘I
WATER BOARD MEETING
AGENDA**

MEETING DATE: July 25, 2017 (Tuesday)

- A. **TIME:** 10:00 a.m. (Regular Meeting)
PLACE: Department of Water Supply, Hilo Operations Center Conference Room
889 Leilani Street, Hilo, Hawai‘i
- B. **TIME:** 11:30 a.m. (Site Visit)
PLACE: Assemble at Pi‘ihonua-Kukuau project site on Haleloke Street, Hilo, Hawai‘i, for **site visit** to view a water tank under construction. Then proceed to Pi‘ihonua Reservoir No. 2 site on Waiānuenu Avenue between Pi‘ikea Street and Ka‘ahumanu Street to view a completed water tank. Members of the public wishing to attend must provide their own transportation to each site. Entry of the project site on Haleloke Street will only be permitted if a hard hat and closed-toe shoes are worn. Hard hats will not be provided to non-Board members by the Department. Meeting will recess during transit, and reconvene in front of the project site.

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- 1) CALL TO ORDER – 10:00 a.m. (*please turn cell phones off or set to silent*)
 - 2) STATEMENTS FROM THE PUBLIC
 - 3) APPROVAL OF MINUTES – June 27, 2017, Water Board Meeting
 - 4) APPROVAL OF ADDENDUM AND/OR SUPPLEMENTAL AGENDA (if necessary)
(**Note: Addendum requires Roll Call Vote**)
 - 5) HĀMĀKUA:

A. **CONSTRUCTION RIGHT-OF-ENTRY FOR HELCO POLE ANCHOR ON FUTURE RESERVOIR SITE:**

Hawaiian Electric Light Company (HELCO) is installing poles and power lines for a subdivision in Honoka‘a that extends beyond a future reservoir site in Honoka‘a. The pole requires an anchor that is being proposed within a 10-foot by 15-foot easement with the subject reservoir site. Department staff and HELCO worked together to determine the proposed location to minimize any conflicts with the future reservoir site improvements.

RECOMMENDATION: It is recommended that the Water Board approve this Construction Right-of-Entry affecting Tax Map Key (3) 4-5-010:121 for Hawai‘i Electric Light Company and authorize either the Chairperson or Vice-Chairperson to execute the document subject to the review and approval as to form and legality of the Corporation Counsel.

6) SOUTH KOHALA:

A. **JOB NO. 2010-964, WAIMEA WATER TREATMENT PLANT COMPLIANCE UPGRADES PHASE 2 – TIME EXTENSION:**

The contractor, Bodell Construction Company, submitted a request for contract time extension of 232 calendar days. This is the third time extension for this project.

Ext. #	From (Date)	To (Date)	Days (Calendar)	Reason
1	03/21/2017	06/11/2017	82	Additional work required to reroute unforeseen underground utilities discovered during earthwork excavation.
2	06/11/2017	08/10/2017	60	DWS's direction to delay demolition of basins #3 and #4 (36 calendar days), additional work to excavate unsuitable soils from under the building's footprint (10 calendar days), and additional work caused by inclement weather – Hurricane Madeline (14 calendar days).
3	08/10/2017	02/13/2018	187	DWS's direction to delay the work requiring a shutdown of the existing water treatment plant (154 calendar days), additional work due to Fire Department's fire protection requirements (30 calendar days), and delays caused by inclement weather (3 calendar days).
Total Days (including this request)			329	

Staff has reviewed the request and is recommending approval of 187 calendar days, per the Department's General Requirements and Covenants.

RECOMMENDATION: It is recommended that the Board grant this contract time extension of 187 calendar days to Bodell Construction Company, for JOB NO. 2010-964, WAIMEA WATER TREATMENT PLANT COMPLIANCE UPGRADES PHASE 2. If approved, the contract completion date will be extended from August 10, 2017, to February 13, 2018.

7) NORTH KONA:

A. **JOB NO. 2017-1062, KALAOA #1 DEEPWELL REPAIR:**

This project consists of paying for all labor, materials, tools and equipment necessary for the replacement of the existing deep well submersible pump and motor, power cable and all appurtenant materials, such as cable guards, strapping, etc; chlorination and testing of the well and pumping assembly; and electrical work; in accordance with the specifications.

Bids for this project were opened on June 15, 2017, at 2:00 p.m., and the following are the bid results:

Bidder	Bid Amount	Adjusted Bid Amount (for purposes of bid award)*
Beylik Drilling & Pump Service, Inc.	\$897,850.00	\$852,957.50
George M. Oye, Inc.	\$898,833.00	

*Bids were adjusted (for the purposes of award) to provide credits for use of Hawai'i Products and participation in the State Apprenticeship Program, in accordance with Hawai'i Administrative Rules.

Project Costs:

1) Low Bidder (Beylik Drilling & Pump Service, Inc.)	\$ 897,850.00
2) Contingencies (10.0%)	\$ 89,785.00
Total Cost:	<u>\$ 987,635.00</u>

Funding for this project will be from DWS's CIP Budget under Deepwell Pump Replacement. The contractor will have 270 calendar days to complete this project. The Engineering estimate for this project was \$750,000.00.

This agenda item was deferred during the June 27, 2017, Water Board meeting.

RECOMMENDATION: It is recommended that the Board award the contract for JOB NO. 2017-1062, KALAOA #1 DEEPWELL REPAIR, to the lowest responsible bidder, Beylik Drilling & Pump Service, Inc., for their bid amount of \$897,850.00, plus \$89,785.00 for contingencies, for a total contract amount of \$987,635.00. It is further recommended that either the Chairperson or the Vice-Chairperson be authorized to sign the contract, subject to review as to form and legality by Corporation Counsel.

B. JOB NO. 2017-1067, HOLUALOA #2 BOOSTER A REPAIR:

This project consists of furnishing all labor, materials, tools and equipment necessary to remove the existing booster pump assembly; install new booster pump assembly, and all appurtenant materials; chlorinate the suction can and pumping assembly; and complete an efficiency test; in accordance with the specifications.

Bids for this project were opened on July 13, 2017, at 2:00 p.m., and the following are the bid results:

Bidder	Bid Amount
Derrick's Well Drilling & Pump Services, LLC	\$39,000.00
Beylik Drilling & Pump Service, Inc.	\$54,450.00

Project Costs:

1) Low Bidder (Derrick's Well Drilling & Pump Services, LLC)	\$ 39,000.00
2) Contingencies (10.0%)	\$ 3,900.00
Total Cost:	<u>\$ 42,900.00</u>

Funding for this project will be from DWS's CIP Budget under Deepwell Pump Replacement. The contractor will have 120 calendar days to complete this project. The Engineering estimate for this project was \$48,000.00.

RECOMMENDATION: It is recommended that the Board award the contract for JOB NO. 2017-1067, HOLUALOA #2 BOOSTER A REPAIR, to the lowest responsible bidder, Derrick’s Well Drilling & Pump Services, LLC, for their bid amount of \$39,000.00, plus \$3,900.00 for contingencies, for a total contract amount of \$42,900.00. It is further recommended that either the Chairperson or the Vice-Chairperson be authorized to sign the contract, subject to review as to form and legality by Corporation Counsel.

C. JOB NO. 2017-1068, KAUMALUMALU BOOSTERS A & B REPAIR:

This project consists of furnishing all labor, materials, tools and equipment necessary to remove the existing pumps, motors, and column assemblies; install two (2) vertical turbine pumps, vertical hollow shaft motors, discharge heads, and all appurtenant materials; chlorinate the suction cans and pumping assemblies; and complete an efficiency test; in accordance with the specifications.

Bids for this project were opened on July 13, 2017, at 2:30 p.m., and the following are the bid results:

Bidder	Bid Amount
Derrick’s Well Drilling & Pump Services, LLC	\$76,000.00
Beylik Drilling & Pump Service, Inc.	\$112,200.00

Project Costs:

1) Low Bidder (Derrick’s Well Drilling & Pump Services, LLC)	\$ 76,000.00
2) Contingencies (10.0%)	\$ 7,600.00
Total Cost:	\$ 83,600.00

Funding for this project will be from DWS’s CIP Budget under Deepwell Pump Replacement. The contractor will have 150 calendar days to complete this project. The Engineering estimate for this project was \$101,000.00.

RECOMMENDATION: It is recommended that the Board award the contract for JOB NO. 2017-1068, KAUMALUMALU BOOSTERS A & B REPAIR, to the lowest responsible bidder, Derrick’s Well Drilling & Pump Services, LLC, for their bid amount of \$76,000.00, plus \$7,600.00 for contingencies, for a total contract amount of \$83,600.00. It is further recommended that either the Chairperson or the Vice-Chairperson be authorized to sign the contract, subject to review as to form and legality by Corporation Counsel.

8) **MISCELLANEOUS:**

A. **DEDICATION(S):**

We received the following document for action by the Water Board. The water system has been constructed in accordance with the Department’s standards and is in acceptable condition for dedication.

1. AMENDMENT TO GRANT OF EASEMENT

Mohouli Senior Phase 2 Project
 Grantor: County of Hawai‘i
 Affects Tax Map Key: (3) 2-4-001: 177 (portion) Lot 3-B1
 Waiakea, South Hilo, Island of Hawai‘i, Hawai‘i

RECOMMENDATION: It is recommended that the Water Board accept this document subject to the approval of the Corporation Counsel and that either the Chairperson or the Vice-Chairperson be authorized to sign the document.

B. MATERIAL BID NO. 2017-01, FURNISHING AND DELIVERING PIPES, FITTINGS, WATER METERS, FIRE HYDRANTS, BRASS GOODS, VALVES, ELECTRICAL SUPPLIES, ELECTRICAL EQUIPMENT, SCADA, WATER QUALITY EQUIPMENT, CHLORINATORS, MOTORS AND MISCELLANEOUS ITEMS FOR THE DEPARTMENT OF WATER SUPPLY STOCK:

At the Water Board meeting on June 27, 2017, the Water Board deferred the award for Parts 14 and 15 to Badger Meter, Inc. dba National Meter & Automation pending tax clearance from Hawaii Compliance Express (“HCE”). Since that time, Badger Meter, Inc. dba National Meter & Automation has demonstrated compliance through HCE. Their bid for Parts 14 and 15 are as follows:

Part 14 – Badger Recordall Series Meter Parts	\$4,264.60
Part 15 – 1” – 2” Water Meters	\$22,010.75

The contract period for Parts 14 and 15 is one year, from July 1, 2017, to June 30, 2018. The Parts are established price agreements for materials on an “As-Needed Basis.”

RECOMMENDATION: It is recommended that the Board award the contract for Parts 14 and 15 to Badger Meter, Inc. dba National Meter & Automation for MATERIAL BID NO. 2017-01, FURNISHING AND DELIVERING PIPES, FITTINGS, WATER METERS, FIRE HYDRANTS, BRASS GOODS, VALVES, ELECTRICAL SUPPLIES, ELECTRICAL EQUIPMENT, SCADA, WATER QUALITY EQUIPMENT, CHLORINATORS, MOTORS AND MISCELLANEOUS ITEMS FOR THE DEPARTMENT OF WATER SUPPLY STOCK, on an as-needed basis, as listed above, and that either the Chairperson or the Vice-Chairperson be authorized to sign the contract, subject to review as to form and legality of the contract by Corporation Counsel. The contract period shall be from July 1, 2017, to June 30, 2018.

C. MATERIAL BID NO. 2017-08, FURNISHING AND DELIVERING SPARE DEEPWELL PUMP AND MOTOR SETS FOR HONOKŌHAU DEEPWELL AND HAWAIIAN OCEAN VIEW ESTATES DEEPWELL, AND REFURBISHING SPARE PUMP AND MOTOR SET FOR HALEKI‘I DEEPWELL FOR THE DEPARTMENT OF WATER SUPPLY:

Bids were received and opened on July 13, 2017, at 1:30 p.m., and the following are the bid results.

SECTION	DESCRIPTION	Beylik Drilling and Pump Service, Inc.	Derrick’s Well Drilling and Pump Services, LLC
1	HONOKŌHAU DEEPWELL	Non-Responsive	Non-Responsive
2	HAWAIIAN OCEAN VIEW ESTATES DEEPWELL	\$77,000.00	Non-Responsive
3	HALEKI‘I DEEPWELL	\$75,000.00	\$74,921.44

The estimated cost for the various pump and motor sets were as follows:

- Honokōhau Deepwell: \$215,000

- Hawaiian Ocean View Estates Deepwell: \$72,000
- Haleki'i Deepwell: \$80,000

RECOMMENDATION: It is recommended that the Board award the contract for MATERIAL BID NO. 2017-08, FURNISHING AND DELIVERING SPARE DEEPWELL PUMP AND MOTOR SETS FOR HONOKŌHAU DEEPWELL, AND HAWAIIAN OCEAN VIEW ESTATES DEEPWELL AND REFURBISHING SPARE PUMP AND MOTOR SET FOR HALEKI'I DEEPWELL FOR THE DEPARTMENT OF WATER SUPPLY, by Sections to the following bidders for the amounts shown above, and that either the Chairperson of the Vice-Chairperson be authorized to sign the contract(s), subject to review as to form and legality of the contract(s) by Corporation Counsel.

Section 2 – Hawaiian Ocean View Estates Deepwell to Beylik Drilling and Pump Service, Inc.

Section 3 – Haleki'i Deepwell to Derrick's Well Drilling & Pump Services, LLC.

For Section 1 – Honokōhau Deepwell, no responsive, responsible bids were received. Staff will seek alternate methods of procurement per HAR 3-122-35 (b), in accordance with procurement rules.

D. RIGHT-OF-ENTRY AGREEMENT FOR PURPOSE OF CONDUCTING RESEARCH AND STUDIES ON GROUNDWATER IN AREAS INCLUDING DWS FACILITIES IN SOUTH KOHALA, NORTH KONA, AND SOUTH KONA:

The University of Hawai'i, on behalf of the National Science Foundation (NSF), Experimental Program to Support Competitive Research (EPSCoR), is requesting access to DWS facilities to temporarily place recording instruments on DWS facilities in order to gather important data regarding the research and modeling of groundwater to address the issue of water sustainability. The 'Ike Wai project is being funded by a NSF grant and this is an excellent opportunity for the Department to partner with the project to gain much desired information regarding the sustainability of our resource.

RECOMMENDATION: It is recommended that the Water Board approve this Construction Right-of-Entry affecting various DWS owned and/or operated parcels to the University of Hawai'i and authorize either the Chairperson or Vice-Chairperson to execute the document subject to the review and approval of the Corporation Counsel.

E. MONTHLY PROGRESS REPORT:

Submission of Progress Report of Projects by the Department. Department personnel will be available to respond to questions by the Board regarding the status/progress of any project.

F. REVIEW OF MONTHLY FINANCIAL STATEMENTS:

Submission of financial statements and information relating to the financial status of the Department. Department personnel will be available to respond to questions by the Board relating to the financial status of the Department.

G. POWER COST CHARGE:

The Department proposes to increase the Power Cost Charge from \$1.69 to **\$1.73** per thousand gallons, to reflect a/an increase in power costs for the Department's wells and pumps. A Public Hearing will have been held prior to this Board meeting to accept public testimony on this change.

RECOMMENDATION: It is recommended that the Board approve the increase of the Power Cost Charge from \$1.69 to **\$1.73**, effective August 1, 2017.

H. MANAGER-CHIEF ENGINEER'S REPORT:

The Manager-Chief Engineer will provide an update on the following:

- 1) Matters of interest to the Board
 - a) North Kona water restriction
- 2) Retiree of the Department of Water Supply
- 3) Site visit for August. As public attendance of the visit to Palani Ranch Deepwell next month would be dangerous or impracticable, it is recommended that the Board approve a limited meeting for the site visit portion of next month's meeting pursuant to Hawai'i Revised Statutes § 92-3.1(a)(1).

I. CHAIRPERSON'S REPORT:

Chairperson to report on matters of interest to the Board.

9) ANNOUNCEMENTS:

1. Next Meeting:

The next meeting of the Water Board will be held on August 22, 2017, 10:00 a.m., at the West Hawai'i Civic Center, Community Center (Building G); 74-5044 Ane Keohokalole Highway, Kailua-Kona, Hawai'i

2. Site visit at 11:30 a.m. today:

Site visit to Pi'ihonua-Kukuau project site on Haleloke Street, and Pi'ihonua Reservoir No. 2 site to view and discuss the active construction of and completed water tank project for informational and educational purposes.

10) RECESS AND RECONVENE AT DEPARTMENT OF WATER SUPPLY, HILO OPERATIONS CENTER CONFERENCE ROOM

11) ADJOURNMENT

Anyone who requires an auxiliary aid or service for effective communication or a modification of policies or procedures to participate in this Water Board Meeting should contact Doreen Jollimore, Secretary, at 961-8050 as soon as possible, but no later than five days before the scheduled meeting. Notice to Lobbyists: If you are a lobbyist, you must register with the Hawai'i County Clerk within five days of becoming a lobbyist. {Article 15, Section 2-91.3(b), Hawai'i County Code} A lobbyist means "any individual engaged for pay or other consideration who spends more than five hours in any month or \$275 in any six-month period for the purpose of attempting to influence legislative or administrative action by communicating or urging others to communicate with public officials." {Article 15, Section 2-91.3(a)(6), Hawai'i County Code} Registration forms and expenditure report documents are available at the Office of the County Clerk-Council, Hilo, Hawai'i.