

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

MEETING DATE: March 19, 2019

TIME: 10:00 a.m.

PLACE: West Hawai‘i Civic Center, Community Meeting Hale, Building G,
74-5044 Ane Keohokalole Highway, Kailua-Kona, Hawai‘i

- 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 – Minutes of the February 26, 2019, Water Board Meeting
- 4) APPROVAL OF ADDENDUM AND/OR SUPPLEMENTAL AGENDA (if necessary)
(Note: Requires Roll Call Vote)

5) **DEPARTMENT OF WATER SUPPLY PROPOSED OPERATING AND 5-YEAR CAPITAL IMPROVEMENT PROJECTS (C.I.P.) BUDGETS FOR FISCAL YEAR 2020:**

The Department’s Fiscal Year 2020 Operating Budget, totaling \$55,652,500, and 5-Year C.I.P. Budget for Fiscal Year 2020-2024, totaling \$122,700,000, have been distributed for the Board’s review. A public hearing was held prior to this meeting to accept testimony. The Board may change either Budget or adopt them as presented over two readings.

RECOMMENDATION: It is recommended that the Board approve the Department’s Fiscal Year 2020 Operating and C.I.P. Budgets on this first of two readings.

6) **SOUTH HILO:**

A. **JOB NO. 2019-1104, KULA‘IMANO WELL A REPAIR:**

This project consists of furnishing all labor, materials, tools and equipment necessary to remove the existing pumping assembly; install a Contractor supplied submersible pump and motor, column assembly, power cable, sounding tubes, and all appurtenant materials; electrical work; chlorinate the well and pumping assembly; and complete an efficiency test; in accordance with the specifications.

Bids for this project were opened on March 7, 2019, at 2:00 p.m., and the following are the bid results:

Bidder	Bid Amount
Derrick’s Well Drilling & Pump Services, LLC	\$224,000.00
Beylik Drilling & Pump Service, Inc.	\$261,220.00

Project Costs:

1) Low Bidder (Derrick’s Well Drilling & Pump Services, LLC)	\$224,000.00
2) Contingencies (10.0%)	<u>\$ 22,400.00</u>
Total Cost:	<u>\$246,400.00</u>

Funding for this project will be from DWS’s CIP Budget under Deepwell Pump Replacement. The contractor will have 210 calendar days to complete this project. The Engineering estimate for this project was \$323,000.00.

Well History:

Kula‘imano Well A:

Original Installation: July 1981

Repaired: November 2008 – Final Contract Amount \$49,428.91

Last Repaired: January 2015 – Final Contract Amount \$115,867.89

Mitigation Measures:

This project will implement the mitigation measures of conducting a borehole alignment survey, installation of motor temperature monitoring, and replacing the main service surge protection device.

RECOMMENDATION: It is recommended that the Board award the contract for JOB NO. 2019-1104, KULA‘IMANO WELL A REPAIR, to the lowest responsible bidder, Derrick’s Well Drilling & Pump Services, LLC, for their bid amount of \$224,000.00, plus \$22,400.00 for contingencies, for a total contract amount of \$246,400.00. 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.

7) SOUTH KOHALA:

A. **JOB NO. 2018-1085, PARKER #1 DEEPWELL REPAIR – PHASE 2:**

This project consists of furnishing all labor, materials, tools and equipment necessary install a Department supplied submersible pump and motor, existing column assembly, power cable, sounding tubes, and all appurtenant materials; electrical work; chlorinate the well and pumping assembly; and complete an efficiency test; in accordance with the specifications.

Bids for this project were opened on March 7, 2019, at 1:30 p.m., and the following are the bid results:

Bidder	Bid Amount
Beylik Drilling & Pump Service, Inc.	\$83,200.00
Derrick’s Well Drilling & Pump Services, LLC	\$100,224.00
Water Resources International, Inc.	\$148,000.00

Project Costs:

1) Low Bidder (Beylik Drilling & Pump Service, Inc.)	\$83,200.00
2) Contingencies (~10.0%)	<u>8,300.00</u>
Total Cost:	<u>\$91,500.00</u>

Funding for this project will be from DWS’s CIP Budget under Deepwell Pump Replacement. The contractor will have 60 calendar days to complete this project. The Engineering estimate for this project was \$105,000.00.

Well History:

Parker #1 Deepwell:
 Original Installation: March 2000
 Repaired: June 2002 – Final Contract Amount \$102,622.00
 Repaired: August 2006 – Final Contract Amount \$84,540.00
 Last Repaired: September 2016 – Final Contract Amount \$494,705.88

Mitigation Measures:

The first phase of this project conducted a borehole alignment survey. This second phase will implement the mitigation measures of conducting installation of motor temperature monitoring.

RECOMMENDATION: It is recommended that the Board award the contract for JOB NO. 2018-1085, PARKER #1 DEEPWELL REPAIR - Phase 2, to the lowest responsible bidder, Beylik Drilling & Pump Service, Inc., for their bid amount of \$83,200.00, plus \$8,300.00 for contingencies, for a total contract amount of \$91,500.00. 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. 2017-1065, WAIMEA DEEPWELL REPAIR – REQUEST FOR ADDITIONAL FUNDS:

The contractor, Beylik Drilling & Pump Service, Inc. is requesting a contract change order for price escalation due to a significant project suspension by the Department and additional work. The description of price escalation, additional work, and associated fees are as follows (see attached):

ITEM	DESCRIPTION	AMOUNT
1.	Price escalation fees	\$ 24,300.00
2.	(88) 8” x 20’ Schedule 40 Galv. column pipe	\$171,950.00
3.	Centrilift Technical Service Call	\$ 15,312.00
	TOTAL	\$211,562.00

Original Contract Amount: \$ 50,700.00
 Original Contingency amount: \$ 5,000.00
 1st Additional Contingency request: \$ 12,800.00
 2nd Additional Contingency request: \$ 211,562.00

Total Revised Contract Amount: \$ 280,062.00

The contractor, Beylik Drilling & Pump Service, Inc., is also requesting a contract time extension of 30 calendar days. It was discovered upon well extraction that the well was installed with black pipe during the previous emergency repair. The column pipe is in a condition unsuitable for reuse due to severe corrosion. These factors were beyond the control of the contractor and the original scope of the repair.

RECOMMENDATION: It is recommended that the Board approve an increase in contingency of \$211,562.00 to Beylik Drilling & Pump Service, Inc., for a total project cost of \$280,062.00, and approve a contract time extension of 30 calendar days for JOB NO. 2017-1065, WAIMEA DEEPWELL REPAIR. If approved, the contract completion date will be revised from May 6, 2019, to June 5, 2019.

8) NORTH KONA:

A. JOB NO. 2018-1082 HONOKŌHAU DEEPWELL REPAIR – CHANGE ORDER REQUEST:

The contractor, Beylik Drilling & Pump Service, Inc., is requesting a contract change order for the additional work in association with the installation of the well. The description of additional work and associated fees are as follows (see attached):

ITEM	DESCRIPTION	AMOUNT
1.	Delivery of pump assembly equipment to jobsite	\$ 800.00
2.	Splicing work for medium voltage shielded cable	\$ 5,485.00
3.	Modification work to motor shroud, 1 st installation attempt, and additional PVC sounding tubing	\$38,500.00
	TOTAL	\$ 44,785.00

Original Contract Amount: \$ 119,000.00
 Original Contingency amount: \$ 11,900.00
 1st Additional Contingency request: \$ 24,550.00
 2nd Additional Contingency request: \$ 44,785.00

Total Revised Contract Amount: \$ 200,235.00

The contractor, Beylik Drilling & Pump Service, Inc., is also requesting a contract time extension of 78 calendar days. The contractor encountered fit-up issues with the Department supplied spare pump and motor equipment. The work to resolve these issues caused delays and affected the contractor’s ability to complete the project by the original completion deadline. These factors were beyond the control of the contractor and the original scope of the repair.

RECOMMENDATION: It is recommended that the Board approve an increase in contingency of \$44,785.00 to Beylik Drilling & Pump Service, Inc., for a total project cost of \$200,235.00, and approve a contract time extension of 78 calendar days for JOB NO. 2018-1082, HONOKŌHAU DEEPWELL REPAIR. If approved, the contract completion date will be revised from September 30, 2018, to December 17, 2018.

B. JOB NO. 2017-1077, HUALĀLAI DEEPWELL REPAIR – REQUEST FOR ADDITIONAL FUNDS:

The contractor, Beylik Drilling & Pump Service, Inc., is requesting a contract change order for additional work in association with the installation of the Hualālai Deepwell. The description of additional work and associated fees are as follows (see attached):

ITEM	DESCRIPTION	AMOUNT
1.	5,000 LF of #2 AWG Armored Power Cable	\$ 98,300.00
2.	(2) Centrilift Technical Service Call	\$ 30,624.00
3.	Well Installation and Extraction Cost - Beylik	\$110,000.00
4.	Splicing of Shielded Power Cable to MLE	\$ 5,485.00
5.	(4) 1-1/4" x 10' 304SS Sounding Tube	\$ 320.00
6.	Delivery of Simflo Pump	\$ 800.00
7.	10" x 8" Column Crossover Adapter	\$ 1,650.00
8.	Installation of SS JB for PT's & CT's	\$ 6,068.00
9.	Additional TRMS CT's	\$ 20,500.00
	TOTAL	\$273,747.00

Original Contract Amount: \$ 696,080.00
Original Contingency Amount: \$ 69,520.00
1st Additional Contingency Request: \$ 204,497.00

Total Revised Contract Amount: \$ 970,097.00

RECOMMENDATION: It is recommended that the Board approve an increase in contingency of \$204,497.00 to Beylik Drilling & Pump Service, Inc., for JOB NO. 2017-1077, HUALĀLAI DEEPWELL REPAIR. If approved, the total revised contract amount shall be \$970,097.00.

9) MISCELLANEOUS:

A. 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.

B. 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.

C. MANAGER-CHIEF ENGINEER'S REPORT:

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

1. North Kona Wells

D. EXECUTIVE SESSION: REGARDING OPEN LITIGATION:

The Board anticipates convening an executive meeting for the purposes of discussing the legal rights, duties and liabilities of the Board concerning open litigation against the Board, as authorized by Hawai'i County Charter Section 74.6 and Hawai'i Revised Statutes ("HRS"), Section 92-4 and 92-5(a)(4). The Board wishes to have its attorney present, in order to consult with the board's attorney on its questions and issues pertaining to the board's powers, duties, privileges, immunities, and liabilities pursuant to HRS Section 92-5(a)(4). A two-thirds vote of the members present, pursuant to HRS Section 92-4, is necessary to hold an executive meeting, provided that the affirmative vote constitutes a majority of the board.

E. **CHAIRPERSON'S REPORT:**

1. Chairperson to report on matters of interest to the Board.

10) **ANNOUNCEMENTS:**

1. **Next Regular Meeting:**

The next meeting of the Water Board will be April 23, 2019, 10:00 a.m. at the Department of Water Supply, Hilo Operations Center Conference Room; 889 Leilani Street, Hilo, Hawai'i.

2. **Following Meeting:**

The following meeting of the Water Board will be May 28, 2019, 10:00 a.m., at the West Hawai'i Civic Center, Community Meeting Hale (Building G); 74-5044 Ane Keohokalole Highway, Kailua-Kona, Hawai'i.

11) **ADJOURNMENT**

Anyone requiring an accommodation or auxiliary aid and/or services to participate in this meeting (i.e. sign language, interpreter, large print), please contact the Board 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.