

**DEPARTMENT OF WATER SUPPLY  
COUNTY OF HAWAII  
WATER BOARD MEETING**

**MEETING DATE:** May 27, 2014  
**TIME:** 10:00 a.m.  
**PLACE:** West Hawai'i Civic Center, Liquor Control Conference Room, Bldg. B, 2<sup>nd</sup> Floor, 74-5044 Ane Keohokalole Hwy, Kailua-Kona, HI.

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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
  - Minutes of the April 22, 2014, Water Board meeting
- 4) APPROVAL OF ADDENDUM AND/OR SUPPLEMENTAL AGENDA  
(**Note: Addendum requires Roll Call Vote**)
- 5) HĀMĀKUA:

A. **DRINKING WATER STATE REVOLVING FUND RESOLUTION NO. 2014-02:**

*(Note: Resolution requires roll call vote)*

Resolution No. 2014-02 is for the project for which DWS has submitted a loan application, under the Drinking Water State Revolving Fund (DWSRF). One of the prerequisites for the loan is a Resolution approved by the Water Board. This Resolution is specifically identified for the following project: JOB NO. 2011-971, KAPULENA WELL DEVELOPMENT – PHASE 2, and authorizes the Manager–Chief Engineer or Deputy to execute loans and/or grants with the State Department of Health for up to \$2,664,824.00.

**RECOMMENDATION:** It is recommended that the Water Board adopt DRINKING WATER STATE REVOLVING FUND RESOLUTION NO. 2014-02, subject to the approval of Corporation Counsel.

- 6) SOUTH KOHALA:
  - A. **WATER TREATMENT PROPOSAL NO. 2014-04, FURNISHING AND DELIVERING POLYMERS TO WAIMEA WATER TREATMENT PLANT:**

Bids for this project were opened on May 22, 2014 at 2:00 p.m., and the results will be reported at the meeting.
- 7) NORTH KONA:
  - A. **DISCUSSION OF DRAFT RESPONSE FROM WATER BOARD REGARDING THE COMMISSION ON WATER RESOURCE MANAGEMENT'S REQUEST FOR CONSULTATION ON THE KALOKO-HONOKŌHAU NATIONAL PARK SERVICE PETITION TO DESIGNATE KEAUHOU AQUIFER SYSTEM AREA (NORTH KONA), HAWAII AS A GROUND WATER MANAGEMENT AREA:**

For discussion and possible action.

**B. EXECUTIVE SESSION RE: DRAFT RESPONSE FROM WATER BOARD REGARDING THE COMMISSION ON WATER RESOURCE MANAGEMENT'S REQUEST FOR CONSULTATION ON THE KALOKO-HONOKŌHAU NATIONAL PARK SERVICE PETITION TO DESIGNATE KEAUHOU AQUIFER SYSTEM AREA (NORTH KONA), HAWAII AS A GROUND WATER MANAGEMENT AREA:**

The Water Board anticipates convening an executive meeting, closed to the public, pursuant to Hawai'i Revised Statutes, Sections 92-4, 92-5(a)(4), for the purpose of consulting with the Water Board's attorney on questions and issues pertaining to the Water Board's powers, duties, privileges, immunities and liabilities.

**C. JOB NO. 2013-995, KAHALU'U D DEEPWELL REPAIR & IMPROVEMENTS:**

*(Deferred from the April 22, 2014, Water Board Meeting.)*

The contractor, Derrick's Drilling and Pump Services, LLC, is requesting to address the Board to appeal the Department's decision to deny a time extension for JOB NO. 2013-995, KAHALU'U D DEEPWELL REPAIR & IMPROVEMENTS.

**D. PROFESSIONAL SERVICES AGREEMENT - WATER USE AND DEVELOPMENT PLAN UPDATE:**

The Department has reviewed information from the Planning Department's North Kona Community Development Plan (CDP), as well as the USGS Scientific Investigations Report 2011-5078, and feels that this information offers the opportunity to amend/update the current Water Use and Development Plan (WUDP) that could significantly affect the information for two of the aquifer sector areas (Hualālai and West Mauna Kea) in the WUDP. It is the Department's desire to do amendments to the WUDP that would significantly change the information that is required for all agencies including the Planning Department, as well as the Commission on Water Resource Management (CWRM). We feel that keeping critical information within the plan up to date will help everyone to make better decisions, as well as avoid planning that would otherwise be done differently with the updated information.

This project will require a consultant which will be procured through the professional services procedures. It is expected that this contract will be approximately \$50,000.00, and will be funded from the Department's Capital Improvements Budget (CIP). We also expect the update to take approximately six months.

**RECOMMENDATION:** It is recommended that the Board approve the Water Use and Development Plan Update as a project to be added to the Department's 2015 CIP Budget.

**E. PROFESSIONAL SERVICES AGREEMENT - NORTH KONA HIGH LEVEL GROUNDWATER STUDY:**

The Department, in its efforts to better monitor the high level water in the North Kona deepwells, requests to hire a consultant to collect the necessary data (water level, drawdown and temperature). The study is intended to monitor the wells on a monthly basis for a 12-month period, and will provide the Department a tool in helping to determine the sustainability of the wells. It is anticipated that the study will cost approximately \$100,000.00, and will be funded from the Department's Capital Improvements (CIP) Budget.

RECOMMENDATION: It is recommended that the Board approve the North Kona High Level Groundwater Study as a project to be added to the Department’s 2015 CIP Budget.

8) MISCELLANEOUS:

A. DEDICATION OF WATER SYSTEMS:

The Department received the following documents for action by the Water Board. The water systems have been constructed in accordance with the Department’s standards and are in acceptable condition for dedication.

*(Item 1 was deferred from the April 22, 2014, Water Board meeting.)*

1. **GRANT OF EASEMENT AND BILL OF SALE**

Project Name: Keāhole Gardens PUD  
 Subdivision Application No. 07-000698  
 Grantor/Seller: Keāhole Gardens Limited Partnership  
 Tax Map Key: (3)7-3-054: 010, 043 and 044  
 No. of Lots: 13 Zoning: RS10  
 Facilities Charge: \$55,000 Date Paid: 03/24/2011  
 Final Inspection Date: 06/02/2010  
 Water System Cost: \$67,516.00

2. **GRANT OF EASEMENT AND BILL OF SALE**

Project Name: Palani Ranch Well No. 1  
 Grantor/Seller: Palani Ranch Company, Inc.  
 Tax Map Key: (3)7-4-002:008 (Portion)  
 No. of Lots: N/A Zoning: N/A  
 Facilities Charge: N/A  
 Final Inspection Date: 05/13/2014  
 Water System Cost: \$5,058,903.02

3. **DEED**

Project Name: Palani Ranch Well No. 1 (Same as above)  
 Grantor/Seller: Palani Ranch Company, Inc.  
 Tax Map Key: (3)7-4-002:021

RECOMMENDATION: It is recommended that the Water Board accepts these documents subject to the approval of the Corporation Counsel, and that either the Chairperson or the Vice-Chairperson be authorized to sign the documents.

B. GASOLINE BID NO. 2014-05, FURNISHING AND DELIVERING GASOLINE AND DIESEL TO THE DEPARTMENT OF WATER SUPPLY:

Bids for this project were opened on May 14, 2014, at 1:30 p.m., and the following are the bid results.

Part "A"	Hilo Baseyard	Hawai'i Petroleum, Inc.	Big Island Energy Co., LLC dba Akana Petroleum
1.	Unleaded Gasoline (delivered gallon price) <i>Estimated 55,000 gallons/year x 2 years</i>	\$4.12/gal. = \$453,200.00	<b>\$3.6244/gal.</b> <b>= \$398,684.00</b>

<b>Part "B"</b>	<b>Kona Baseyard</b>		
1.	Unleaded Gasoline (delivered gallon price) <i>Estimated 25,000 gallons/year x 2 years</i>	\$4.32/gal. = \$216,000.00	<b>\$3.7390/gal.</b> <b>= \$186,950.00</b>
2.	Low-Sulfur Diesel (delivered gallon price) <i>Estimated 3,000 gallons/year x 2 years</i>	\$6.03/gal. = \$36,180.00	<b>\$4.0280/gal.</b> <b>= \$ 24,168.00</b>
<b>Part "C"</b>	<b>Waimea Baseyard</b>		
1.	Unleaded Gasoline (delivered gallon price) <i>Estimated 30,000 gallons/year x 2 years</i>	\$4.27/gal. = \$256,200.00	<b>\$3.6765/gal.</b> <b>= \$220,590.00</b>

**RECOMMENDATION:** It is recommended that the Water Board award the contract for GASOLINE BID NO. 2014-05, FURNISHING AND DELIVERING GASOLINE AND DIESEL TO THE DEPARTMENT OF WATER SUPPLY, to **Big Island Energy Co., LLC dba Akana Petroleum**, for Parts A-1, B-1, B-2, and C-1, at the bid prices listed above and that either the Chairperson or 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. The contract period shall be from July 1, 2014 to June 30, 2016.

**C. MATERIAL BID NO. 2014-01, FURNISHING AND DELIVERING WATER METERS, BRASS GOODS, FIRE HYDRANTS, VALVES, PIPES, FITTINGS, AND MISCELLANEOUS ITEMS FOR THE DEPARTMENT OF WATER SUPPLY STOCK:**

Bids were received and opened on May 14, 2014, at 2:00 p.m. The contract period for all Parts is one year, from July 1, 2014 to June 30, 2015. All Parts are established price agreements for materials on an "As-Needed Basis."

**RECOMMENDATION:** It is recommended that the Board award the contract to the following bidders for MATERIAL BID NO. 2014-01, FURNISHING AND DELIVERING WATER METERS, BRASS GOODS, FIRE HYDRANTS, VALVES, PIPES, FITTINGS, AND MISCELLANEOUS ITEMS FOR THE DEPARTMENT OF WATER SUPPLY STOCK, on an as-needed basis, as listed below, and that either the Chairperson or 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. The contract period shall be from July 1, 2014 to June 30, 2015.

<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>BIDDER</b>	<b>AMOUNT</b>
<b>1</b>	DUCTILE IRON PIPE, PUSH-ON TYPE JOINT	Ferguson Enterprises, Inc.	\$90,850.00
<b>2</b>	DUCTILE IRON FITTINGS	Ferguson Enterprises, Inc.	\$28,477.45
<b>4</b>	NUTS, BOLTS, AND THREADED RODS	AP Water Supply, Inc. dba HIW Hawaii	\$47,703.08
<b>5</b>	COPPER TUBING	Ferguson Enterprises, Inc.	\$105,689.00
<b>6</b>	GALVANIZED PIPES T&C (THREADED & COUPLED)	Ferguson Enterprises, Inc.	\$11,935.60
<b>8</b>	METER BOXES	AP Water Supply, Inc. dba HIW Hawaii	\$49,600.00
<b>9</b>	METER COVERS	Ferguson Enterprises, Inc.	\$3,581.00
<b>10</b>	AUTOMATIC METER READING UNIT	Ferguson Enterprises, Inc.	\$422.33
<b>11</b>	5/8" WATER METERS	National Meter & Automation, Inc.	\$113,400.00
<b>13</b>	BADGER RECORDALL SERIES METER PARTS	National Meter & Automation, Inc.	\$541.25

14	1" - 2" WATER METERS	National Meter & Automation, Inc.	\$23,887.50
19	FIRE HYDRANTS	Ferguson Enterprises, Inc.	\$94,386.05
20	MUELLER FIRE HYDRANT PARTS	AP Water Supply, Inc. dba HIW Hawaii	\$4,390.75
21	MUELLER FIRE HYDRANT EXTENSION KITS	AP Water Supply, Inc. dba HIW Hawaii	\$4,506.00
22	AMERICAN DARLING FIRE HYDRANT PARTS	Ferguson Enterprises, Inc.	\$7,358.88
23	AMERICAN DARLING FIRE HYDRANT EXTENSION KIT	Ferguson Enterprises, Inc.	\$7,619.15
24	BALL METER VALVES	Ferguson Enterprises, Inc.	\$56,125.00
25	BALL VALVE, PACK JOINT X METER COUPLING / FIP	Ferguson Enterprises, Inc.	\$33,635.80
26	COMPRESSION JOINT COUPLING	Ferguson Enterprises, Inc.	\$5,298.00
27	PACK JOINT COUPLING	Ferguson Enterprises, Inc.	\$37,732.75
28	CORPORATION AND CURB STOPS – BALL TYPE	Ferguson Enterprises, Inc.	\$73,619.90
29	PRESSURE REGULATORS	Ferguson Enterprises, Inc.	\$1,078.79
30	HOSE BIBBS	Ferguson Enterprises, Inc.	\$2,966.50
31	INVERTED MARKING PAINT	Ferguson Enterprises, Inc.	\$10,324.00
32	AIR RELIEF VALVES	Ferguson Enterprises, Inc.	\$8,652.00
33	DUCKBILL CHECK VALVES	Ferguson Enterprises, Inc.	\$70,410.95
34	VALVE BOX DEBRIS CAP	CBC, Inc.	\$147.84
35	GATE VALVES – 3" AND LARGER, 125# CLASS	Ferguson Enterprises, Inc.	\$31,982.80
36	GATE VALVES – 3" AND LARGER, 250# CLASS	Ferguson Enterprises, Inc.	\$52,328.79
37	BUTTERFLY VALVES	AP Water Supply, Inc. dba HIW Hawaii	\$8,750.00
38	AUTOMATIC CONTROL VALVES	AP Water Supply, Inc. dba HIW Hawaii	\$1,210,047.00
39	ANTI-CAVITATION VALVES	AP Water Supply, Inc. dba HIW Hawaii	\$284,964.00
40	PUMP CONTROL BALL VALVES	CBC, Inc.	\$294,650.37
42	HATCH FRAMES AND COVERS	BK, Inc.	\$13,080.00

For the following Sections: 3 (Flange Gaskets), 7 (High Density Polyethylene Pipe), 12 (Neptune T-10 Series Meter Parts), 15 (Compound Water Meter), 16 (Turbine Meters and Strainers), 17 (Detector Check Meters), 18 (Fire Service Meters), and 41 (Reservoir Level Indicator), no bids were received.

For the Sections where no bids were received, staff shall obtain quotations in the best interest of the Department.

**D. MATERIAL BID NO. 2014-02, FURNISHING AND DELIVERING ELECTRICAL SUPPLIES, SCADA, MOTORS, CHLORINATORS, AND MISCELLANEOUS ITEMS FOR THE DEPARTMENT OF WATER SUPPLY STOCK:**

Bids were opened on May 14, 2014, at 2:30 p.m. The contract period for all Parts is one year, from July 1, 2014 to June 30, 2015. All Parts are established price agreements for materials on an “As-Needed Basis.”

**RECOMMENDATION:** It is recommended that the Board award the contract to the following bidders for MATERIAL BID NO. 2014-02, FURNISHING AND DELIVERING ELECTRICAL SUPPLIES, SCADA, MOTORS, CHLORINATORS, AND MISCELLANEOUS ITEMS FOR THE DEPARTMENT OF WATER SUPPLY STOCK, on an as-needed basis, as listed below, and that either the Chairperson or 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. The contract period shall be from July 1, 2014 to June 30, 2015.

<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>BIDDER</b>	<b>AMOUNT</b>
15	INDUSTRIAL MOTOR LEAD CABLE	TK Process Hawaii, LLC	\$33,144.55
16	INDUSTRIAL CONTROL WIRING	TK Process Hawaii, LLC	\$4,870.08
17	JUNCTION BOXES & ENCLOSURES	TK Process Hawaii, LLC	\$76,155.44
19	NON-AUTOMATIC TRANSFER SWITCH	TK Process Hawaii, LLC	\$147,575.74
20	SOLID STATE REDUCED VOLTAGE SOFT STARTER	TK Process Hawaii, LLC	\$5,438,097.32
21	VARIABLE FREQUENCY DRIVES	TK Process Hawaii, LLC	\$248,629.58
22	SURGE PROTECTION DEVICES	TK Process Hawaii, LLC	\$24,364.50
24	POWER MONITORING EQUIPMENT	TK Process Hawaii, LLC	\$64,854.75
25	CIRCULAR CHART RECORDER	TK Process Hawaii, LLC	\$10,818.41
27	PRE-FABRICATED RTU PANEL	Control Systems West, Inc.	\$36,369.87
28	AUTOMATION AND CONTROL SYSTEMS	Control Systems West, Inc.	\$45,160.77
31	GROUNDING EQUIPMENT	TK Process Hawaii, LLC	\$446.74
32	COMMUNICATIONS HARDWARE	TK Process Hawaii, LLC	\$77,555.73
33	HIGH POWERED LICENSED RADIO EQUIPMENT	TK Process Hawaii, LLC	\$2,990.23
34	LICENSED RADIO EQUIPMENT	TK Process Hawaii, LLC	\$7,762.06
35	AUTODIALERS	TK Process Hawaii, LLC	\$1,057.49
36	PRESSURE TRANSDUCER	TK Process Hawaii, LLC	\$1,671.02
38	PRESSURE TRANSDUCER - RESERVOIR LEVEL	TK Process Hawaii, LLC	\$2,499.03
39	PRESSURE TRANSMITTER	TK Process Hawaii, LLC	\$1,842.20
40	LIQUID LEVEL SENSOR	TK Process Hawaii, LLC	\$7,021.19
41	FLOW SWITCH	TK Process Hawaii, LLC	\$1,723.42
42	ELECTROMAGNETIC FLOW METERS	AP Water Supply, Inc. dba HIW Hawaii	\$509,315.00
43	VENTURI DIFFERENTIAL FLOW METER	CBC, Inc.	\$312,310.74

47	CHEMICAL FEEDER PUMP	TK Process Hawaii, LLC	\$7,120.31
49	DIGITAL CHLORINE CYLINDER SCALE	TK Process Hawaii, LLC	\$5,972.00
55	DIGITAL HIGH-RESOLUTION CONTROLLER	TK Process Hawaii, LLC	\$2,593.02
58	SUBMERSIBLE MOTORS - REFURBISH / REWIND	Beylik Drilling and Pump Services, Inc.	\$1,643,300.00
59	LEAK NOISE DATA LOGGERS	Wong's Equipment & Service	\$51,711.78
60	LIGHT EMITTING DIODE LUMINARIES	TK Process Hawaii, LLC	\$13,667.40
61	INFRARED WINDOWS	TK Process Hawaii, LLC	\$4,510.20

For the following Sections: 1 (Arc Flash PPE – Daily Wear), 2 (Arc Flash PPE – Supplemental), 3 (Electrical Gloves & Testing), 4 (Digital Multimeter & Testing), 5 (Electrical Safety Equipment), 6 (Electrical Tape), 7 (Duct Seal Compound), 8 (Liquidtight Flexible Non-Metallic Conduit & Fittings), 9 (Liquidtight Flexible Metallic Conduit & Fittings), 10 (Rigid PVC Conduit & Fittings), 11 (EMT Conduit & Fittings), 12 (Rigid Galvanized Steel Conduit & Fittings), 13 (Unistrut Channel and Hardware), 14 (Electrical Connectors & Terminations), 18 (Heavy Duty Safety Switch), 23 (3 Phase Monitor Relay), 26 (Industrial Electronic Components), 29 (Programming Services), 30 (Uninterruptable Power Supply), 37 (Pressure Transducer – Discharge Pressure), 44 (Chlorine Residual Analyzer – Reagentless), 45 (Water Quality Equipment), 46 (Reagents and Standards), 48 (High Density Polyethylene Discharge Tubing), 50 (Stand Alone Chlorine Gas Detector), 51 (Chlorinator), 52 (Chlorine Gas Feeder), 53 (Ultrafiltration Package Plant), 54 (Industrial Actuators), 56 (Mechanical Seals), and 57 (Motors), no bids were received.

For the Sections where no bids were received, staff shall obtain quotations in the best interest of the Department.

**E. MATERIAL BID NO. 2014-06, FURNISH BASE COURSE, SAND, COLD MIX, HOT MIX, AND NO. 3F ROCK TO THE DEPARTMENT OF WATER SUPPLY:**

Bids for this project were opened on May 15, 2014, at 1:30 p.m., and the following are the bid results.

		Yamada & Sons, Inc.	WHC LTD dba West Hawai'i Concrete	Grace Pacific LLC	Jas. W. Glover, Ltd.
	<b>DISTRICT I:</b>				
A.	3/4-Inch Base Course (Cost per ton)	\$19.00	No Bid	No Bid	\$18.75
B.	1½-Inch Base Course (Cost per ton)	\$18.00	No Bid	No Bid	\$16.41
C.	No. 3F Rock (Cost per ton)	\$27.00	No Bid	No Bid	\$25.00
D.	#4 Sand (Cost per ton)	\$50.00	No Bid	No Bid	\$40.00
E.	Mortar Sand - ASTM C144 (Cost per ton)	No Bid	No Bid	No Bid	\$64.00
F.	Cold Mix- ASTM D4215-87 (Cost per ton)	\$156.00	No Bid	No Bid	\$145.00
G.	Blended Material 60% #4 Sand and 40% No. 3F Rock (Cost per ton)	\$54.00	No Bid	No Bid	\$50.00
H.	Hot Mix – County Mix IV (Cost per ton)	\$154.00	No Bid	No Bid	\$143.00

	<b>DISTRICT II:</b>	<b>Yamada &amp; Sons, Inc.</b>	<b>WHC LTD dba West Hawai'i Concrete</b>	<b>Grace Pacific LLC</b>	<b>Jas. W. Glover, Ltd.</b>
A.	3/4-Inch Base Course (Cost per ton)	No Bid	\$12.58	No Bid	No Bid
B.	1½-Inch Base Course (Cost per ton)	No Bid	\$11.40	No Bid	No Bid
C.	No. 3F Rock (Cost per ton)	No Bid	\$17.85	No Bid	No Bid
D.	#4 Sand (Cost per ton)	No Bid	\$22.42	No Bid	No Bid
E.	Mortar Sand - ASTM C144 (Cost per ton)	No Bid	\$40.54	No Bid	No Bid
F.	Cold Mix- ASTM D4215-87 (Cost per ton)	No Bid	No Bid	No Bid	No Bid
	<b>DISTRICT III:</b>	<b>Yamada &amp; Sons, Inc.</b>	<b>WHC LTD dba West Hawai'i Concrete</b>	<b>Grace Pacific LLC</b>	<b>Jas. W. Glover, Ltd.</b>
A.	3/4-Inch Base Course (Cost per ton)	No Bid	\$17.51	No Bid	No Bid
B.	1½-Inch Base Course (Cost per ton)	No Bid	\$16.14	No Bid	No Bid
C.	No. 3F Rock (Cost per ton)	No Bid	\$31.73	No Bid	No Bid
D.	#4 Sand (Cost per ton)	No Bid	\$32.15	No Bid	No Bid
E.	Mortar Sand - ASTM C144 (Cost per ton)	No Bid	\$53.93	No Bid	No Bid
F.	Cold Mix-ASTM D4215-87 (Cost per ton)	No Bid	No Bid	\$151.00	No Bid
G.	Hot Mix - County Mix IV (Cost per ton)	No Bid	No Bid	\$150.10	No Bid

**RECOMMENDATION:** It is recommended that the Board award the contract for MATERIAL BID NO. 2014-06, FURNISH BASE COURSE, SAND, COLD MIX, HOT MIX, AND NO. 3F ROCK TO THE DEPARTMENT OF WATER SUPPLY, by Parts to the following for the amounts shown above, and that either the Chairperson or 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.

**District I – Parts A, B, C, D, E, F, G and H to Jas W. Glover, Ltd.**

**District II – Parts A, B, C, D and E to WHC LTD dba West Hawai'i Concrete**

**District III – Parts A, B, C, D and E to WHC LTD dba West Hawai'i Concrete  
Parts F and G to Grace Pacific LLC**

For the Parts where no bids were received, staff shall obtain quotations in the best interest of the Department. The contract period shall be from July 1, 2014, to June 30, 2015.



**F. WATER TREATMENT BID NO. 2014-05, FURNISHING AND DELIVERING A~LIQUID CHLORINE TO VARIOUS LOCATIONS IN THE ISLAND OF HAWAI'I (ON AN AS-NEEDED BASIS); B~LIQUID AMMONIA TO WAIMEA WATER TREATMENT PLANT, DISTRICT OF SOUTH KOHALA (ON AN AS-NEEDED BASIS); C~50% LIQUID CAUSTIC SODA TO WAIMEA WATER TREATMENT PLANT, DISTRICT OF SOUTH KOHALA (ON AN AS-NEEDED BASIS); D~C-9 POLYPHOSPHATE TO WAIMEA WATER TREATMENT PLANT, DISTRICT OF SOUTH KOHALA (ON AN AS-NEEDED BASIS):**

Bids for this project were opened on May 15, 2014, at 2:30 p.m., and the following are the bid results.

		Phoenix V LLC dba BEI Hawai'i	Airgas USA LLC	Shannon Chemical Corp.
	<b>PART A – FURNISH AND DELIVER LIQUID CHLORINE</b>			
I.	HILO DISTRICT a. Pana'ewa Deep Well (125 cylinders per year) Cost per 150-lb. cylinder	\$335.00	No Bid	No Bid
II.	PUNA DISTRICT a. Pana'ewa Deep Well Chlorinator Building (20 cylinders per year) Cost per 150-lb cylinder	\$350.00	No Bid	No Bid
III.	KA'U DISTRICT a. Pāhala Deep Well Chlorinator Building (12 cylinders per year) Cost per 150-lb.cylinder	\$406.50	No Bid	No Bid
IV.	KOHALA DISTRICT a. Waimea Water Treatment Plan Cost per 1,200-lb. cylinder (60 cylinders per year)	\$2,287.00	No Bid	No Bid
	Cost per 150-lb cylinder (60 cylinders per year)	\$369.00	No Bid	No Bid
V.	KONA DISTRICT a. DWS Kona Baseyard (150 cylinders per year) Cost per 150-lb. cylinder	\$376.00	No Bid	No Bid
	<b>PART B – FURNISH AND DELIVER LIQUID AMMONIA</b>			
	a. Waimea Water Treatment Plant (12 cylinders per year) Cost per 150-lb cylinder	No Bid	\$443.72	No Bid
	<b>PART C – FURNISH AND DELIVER 50% LIQUID CAUSTIC SODA</b>			
	a. Waimea Water Treatment Plant (12 cylinders per year) Cost per dry ton	\$1,742.00	No Bid	No Bid
	<b>PART D – FURNISH AND DELIVER C-9 POLYPHOSPHATE</b>			
	a. Waimea Water Treatment Plant Cost per 30-gallon drum	\$914.00	No Bid	\$987.87

**RECOMMENDATION:** It is recommended that the Board award the contract for WATER TREATMENT PROPOSAL NO. 2014-07, FURNISHING AND DELIVERING A~LIQUID CHLORINE TO VARIOUS LOCATIONS IN THE ISLAND OF HAWAI'I (ON AN AS-NEEDED BASIS); B~LIQUID AMMONIA TO WAIMEA WATER TREATMENT PLANT, DISTRICT OF SOUTH KOHALA (ON AN AS-NEEDED BASIS); C~50% LIQUID CAUSTIC SODA TO WAIMEA WATER TREATMENT PLANT, DISTRICT OF SOUTH KOHALA (ON AN AS-NEEDED BASIS); D~C-9 POLYPHOSPHATE TO WAIMEA WATER TREATMENT PLANT, DISTRICT OF SOUTH KOHALA (ON AN AS-NEEDED BASIS), to Phoenix V LLC dba BEI Hawai'i for Parts A, C and D, and to Airgas USA LLC for Part B, at the unit prices listed above, for the period from July 1, 2014, through June 30, 2016, and that either the Chairperson or 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.

**G. PROFESSIONAL SERVICES AGREEMENT – WATER RATE STUDY:**

Professional services for 5-year water rate study.

- Consultant: To be determined.
- Estimated Fee: \$105,000.00.

The Department recognizes the need to conduct a water rate study for the 5-year period FY16 – FY20 to make sure water revenues are sufficient to provide for the Department's operating expenses, debt service obligations, and capital improvements needs.

**RECOMMENDATION:** It is recommended that the Board approve the above project, and that either the Chairperson or Vice-Chairperson be authorized to sign the documents, subject to approval of Corporation Counsel.

**H. AD HOC COMMITTEE REPORT ON STATUS OF SB3094, SD2, HD2, REGARDING THE PLACEMENT OF AUTOMATIC LIENS ON PROPERTY FOR WATER AND WASTEWATER DELINQUENCIES:**

The Ad Hoc Committee will report on the progress of SB3094, SD2, HD2, and upcoming hearings.

**I. 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.

**J. 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.

**K. MANAGER-CHIEF ENGINEER'S REPORT:**

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

- 1) Pu'ukala/Kona Ocean View Properties Subdivision Improvement District Update
- 2) Waikoloa Reservoir No. 1 Update
- 3) Kawaiilani Tank Update
- 4) Public Information and Education Specialist Update
- 5) Employee of the Quarter

L. **CHAIRPERSON'S REPORT:**

Chairperson to report on matters of interest to the Board.

9) **ANNOUNCEMENTS:**

1. **Next Regular Meeting:**

The next meeting of the Water Board will be held at 10:00 a.m. on June 24, 2014, at the Department of Water Supply, Operations Center Conference Room, 889 Leilani Street, Hilo, HI.

2. **Following Meeting:**

The following meeting of the Water Board is scheduled for July 22, 2014, at 10:00 a.m. at the Department of Water Supply, Operations Center Conference Room, 889 Leilani Street, Hilo, HI.

10) **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 Janet Snyder, 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.