

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

**MEETING DATE:** May 24, 2022

**TIME:** 10:00 a.m.

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

Due to the expiration of Governor Ige’s COVID-19 Emergency Proclamation, members of the public are encouraged to continue face masking, physical distancing, and sanitizing, as outlined in the County of Hawai‘i Coronavirus Best Practices, Living with Coronavirus in our Community.

Public testimony may be done in person or in writing by email (dws@hawaiiidws.org), fax (808-961-8657), or by mail: 345 Kekūanaō‘a Street, Suite 20, Hilo, HI 96720. Please indicate agenda item submitting for. All testimony, regardless of time of receipt, will be part of the permanent record.

- 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 26, 2022, Public Hearing on the Proposed New Cost of Power Adjustment Clause
  - Minutes of the April 26, 2022, Public Hearing on the Fiscal Year 2023, Operating Budget and 5-Year Capital Improvements Budget for Fiscal Years 2023-2027
  - Minutes of the April 26, 2022, regular Water Board Meeting.

- 4) APPROVAL OF ADDENDUM AND/OR SUPPLEMENTAL AGENDA (if necessary)  
**(Note: Roll Call Required)**

- 5) **DEPARTMENT OF WATER SUPPLY PROPOSED AMENDED OPERATING AND 5-YEAR CAPITAL IMPROVEMENT PROJECTS (C.I.P.) BUDGETS FOR FISCAL YEAR 2023:**

The Department’s Fiscal Year 2023 Amended Operating Budget, totaling \$61,711,853, and 5-Year C.I.P. Budget for Fiscal Year 2023-2027, totaling \$176,400,000 has been distributed for the Board’s review. A public hearing was held on April 26, 2022, 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 Amended Fiscal Year 2023 Operating and C.I.P. Budgets on this second of two readings.

- 6) **POWER COST CHARGE:**

Departmental power costs from all power sources increased since the last Power Cost Charge rate was determined. The Department proposes to increase the Power Cost Charge from \$2.34 to **\$2.48** per thousand gallons as a result of this increase. Power cost charges over the past two years were as follows:

<u>Effective</u>	<u>PCC</u>
May 1, 2022	\$2.34
March 1, 2022	\$2.02
November 1, 2021	\$2.15
June 1, 2021	\$1.85
December 1, 2020	\$1.71
August 1, 2020	\$2.01

Before the Power Cost Charge is changed, a Public Hearing should be scheduled to accept public testimony.

**RECOMMENDATION:** It is recommended that the Board approve holding a Public Hearing on June 28, 2022, at 9:45 a.m., to receive testimony on increasing the Power Cost Charge from \$2.34 to \$2.48, effective July 1, 2022.

7) **SOUTH HILO:**

**A. JOB NO. 2020-1146, HILO OPERATIONS BASEYARD EMERGENCY GENERATOR REPLACEMENT – REQUEST FOR ADDITIONAL FUNDS:**

The Contractor, Isemoto Contracting Co., Ltd., is requesting a contract change order for additional work resulting from a difference in interpretation of the electrical code. The Department’s consultant furnished drawings meeting all electrical code requirements, however upon inspection, the County electrical inspector determined that disconnect switches were required to comply with electrical code requirement. In addition to the installation of the disconnect switches, the Department had requested surge protection devices to be added to these disconnect switches as a best practice measure and the replacement of an enclosed circuit breaker and associated junction box that are severely corroded. The description of the additional work and associated fees is as follows:

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>AMOUNT</b>
	Change Order Proposal #6: New service disconnect switches required by DPW electrical inspector; installation of surge protection devices on new service disconnect switches; and replacement of enclosed circuit breaker and associated junction box for caretaker’s cottage due to corrosion.	\$107,839.00
	<b>TOTAL</b>	<b>\$107,839.00</b>

Original Contract Amount:	\$1,384,052.00
Original Contingency Amount:	\$138,348.00
1 <sup>st</sup> Change Order:	\$7,463.00
2 <sup>nd</sup> Change Order:	\$49,314.00
3 <sup>rd</sup> Change Order:	\$13,677.00
4 <sup>th</sup> Change Order:	\$10,418.00
1 <sup>st</sup> Additional Funds Request:	<u>\$50,363.00</u>
<b>Total Revised Contract Amount:</b>	<b>\$1,572,763.00</b>

Staff reviewed the request for additional funds and found the requested \$50,363.00 justified. *Note: Payment of this work shall be performed by force account.*

**RECOMMENDATION:** It is recommended that the Board approve an increase in contingency of \$50,363.00 to Isemoto Contracting Co., Ltd., for JOB NO. 2020-1146, HILO OPERATIONS BASEYARD EMERGENCY GENERATOR REPLACEMENT. If approved, the total revised contract amount shall be \$1,572,763.00

8) SOUTH KOHALA:

**A. WATER TREATMENT PROPOSAL NO. 2022-03, FURNISHING AND DELIVERING COAGULANTS TO THE WAIMEA WATER TREATMENT PLANT:**

This project generally consists of furnishing all labor, materials, tools and equipment necessary to deliver coagulants to the Waimea Water Treatment Plant, for a period not to exceed two years.

Bids for this project were opened on May 5, 2022, at 1:30 p.m., and the following are the bid results:

<b>Bidder</b>	<b>Bid Amount (24-Month Contract Period)</b>
Pural Water Specialty Co., Inc.	\$209,992.86

<u>Bidder</u>	<u>Amount</u>
1) Pural Water Specialty Co., Inc.	\$209,992.86
2) Contingency	<u>\$150,007.14</u>
<b>TOTAL CONTRACT PRICE</b>	<b><u>\$360,000.00</u></b>

The reason for the high contingency is that as the source water’s turbidity increases during the year due to unstable weather conditions, more coagulants are used to meet the water quality requirements of the State of Hawai‘i, Department of Health.

**RECOMMENDATION:** It is recommended that the Board award the contract for WATER TREATMENT PROPOSAL NO. 2022-03, FURNISHING AND DELIVERING COAGULANTS TO THE WAIMEA WATER TREATMENT PLANT, to Pural Water Specialty Co., Inc., for the bid price of \$209,992.86, plus \$150,007.14 in contingency, for a total contract price of \$360,000.00 for the period from July 1, 2022, to June 30, 2024, and that either the Chairperson or Vice-Chairperson be authorized to sign the contract, subject to review as to form and legality by Corporation Counsel.

**B. JOB NO. 2019-1107, CONSTRUCTION OF THE LĀLĀMILO 10 MG RESERVOIR:**

This project generally consists of furnishing all labor, materials, tools, and equipment necessary for constructing the Lālāmilo 10 MG Reservoir, including 10 MG tank, water mains, demolition work, check valve station, flowmeter station, access roadway, civil site work, SCADA (Supervisory Control and Data Acquisition) improvements, and chain link fencing, mechanical, electrical, and structural work, in accordance with the plans and specifications, ready for operation.

Bids for this project were opened on May 5, 2022, at 3:00 p.m., and the following are the bid results:

<b>Bidder</b>	<b>Bid Amount</b>	<b>Adjusted Bid Amount w/Preferences*</b>
Isemoto Contracting Co., Ltd.	\$18,035,449.00	\$16,994,176.55
Goodfellow Bros. LLC	\$18,601,959.00	\$17,483,839.75
Jas W. Glover, Ltd.	\$18,899,000.00	\$17,760,782.00
Nan, Inc.	\$19,885,679.00	\$18,678,355.75

\*Bids were adjusted (for 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 (Isemoto Contracting Co., Ltd.)	\$18,035,449.00
2) Construction Contingency (~10%)	<u>1,804,551.00</u>
<b>Total Cost:</b>	<b><u>\$19,840,000.00</u></b>

Funding for this project will be from a State of Hawai‘i Appropriation and the State of Hawai‘i DWSRF (Drinking Water State Revolving Fund) loan. The contractor will have 600 calendar days to complete this project. The engineering estimate is \$17,193,290.00.

**RECOMMENDATION:** It is recommended that the Board award the contract for JOB NO. 2019-1107, CONSTRUCTION OF THE LĀLĀMILO 10 MG RESERVOIR, to the lowest responsible bidder, Isemoto Contracting Co., Ltd., for their bid amount of \$18,035,449.00, plus \$1,804,551.00 for construction contingency, for a total contract amount of \$19,840,000.00. It is further recommended that either the Chairperson or Vice-Chairperson be authorized to sign the contract, subject to review as to form and legality of the contract by Corporation Counsel.

9) **MISCELLANEOUS:**

A. **DEDICATIONS:**

We 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:

**1. Grant Easement**

**Grantors: Marco Franklin Muna Castro and Tarin Kahealani Castro**

Kupulau Uka Subdivision  
SUB -03-000150r  
Tax Map Key (3) 2-4-035 : 019 (portion)  
Waiakea, South Hilo, Island of Hawaii, Hawaii

**2. Bill of Sale**

**Transferor: 938 Kupulau LLC**  
Kupulau Uka Subdivision  
SUB-03-000150r  
Tax Map Key (3) 2-4-035: 019  
Facilities Charge: \$22,000.00 Date Paid: 1/14/2020  
Final Inspection Date: 8/03/2020  
Water System Cost: \$110,000.00

**3. Grant of Easement and Bill of Sale**

**Grantor: Hilo One Incorporated**  
Sub. No. SUB-19-001924  
(Waiakea Nani Estates)  
Tax Map Key 2-4-039: 026  
Waiakea, South Hilo, Island of Hawaii, Hawaii  
Facilities Charge: \$176,755.00 Date Paid: 10/28/2021  
Final Inspection Date: 2/16/2022  
Water System Cost: \$359,131.61

**4. Bill of Sale**

**Transferor: Mark Rodrigues and Kim Irene Rodrigues, Trustees of the Rodrigues Family Joint Revocable Trust dated June 1, 2011**  
Water system improvement at Kaumana Drive – Country Club Drive Intersection at Kaumana, South Hilo, Island of Hawaii, State of Hawaii  
Facilities Charge: \$22,000.00 Date Paid: 12/01/2020  
Final Inspection Date: 10/30/2020  
Water System Cost: \$84,475.00

**5. Grant of Easement/Bill of Sale**

**Grantor: Mark Rodrigues and Kim Irene Rodrigues, Trustees of the Rodrigues Family Joint Revocable Trust dated June 1, 2011**

Tax Map Key (3) 2-5-003: 110 (portion)

Kaumana, South Hilo, Island of Hawaii, State of Hawaii

Facilities Charge: *same as above* Date Paid: *same as above*

Final Inspection Date: *same as above*

Water System Cost: \$ *same as above*

**6. Bill of Sale**

**Seller: Kabumoto-Uriu LLC**

Water system improvement along Old Government Road

Kohanaiki, North Hilo, Island of Hawaii, State of Hawaii

Facilities Charge: \$11,000.00 Date Paid: 2/19/2016

Final Inspection Date: 8/14/2015

Water System Cost: \$64,890.00

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

**B. MATERIAL BID NO. 2021-04, FURNISHING AND DELIVERING SPARE PUMP AND MOTOR SETS FOR PARKER RANCH DEEPWELL, WAIMEA DEEPWELL, AND KEŌPŪ #1 DEEPWELL, AND REFURBISHING PUMP AND MOTOR SET FOR HALEKI‘I DEEPWELL FOR THE DEPARTMENT OF WATER SUPPLY:**

Bids were received and opened on May 12, 2022, at 2:30 p.m., and the following are the bid results:

SECTION	DESCRIPTION	Beylik Energetic A JV	Derrick’s Well Drilling & Pump Services, LLC	Wastewater Solutions, LLC
1	PARKER RANCH DEEPWELL	\$277,780.00	Non-Responsive	Non-Responsive
2	WAIMEA DEEPWELL	\$299,360.00	Non-Responsive	Non-Responsive
3	KEŌPŪ #1 DEEPWELL	\$255,530.00	Non-Responsive	Non-Responsive
4	HALEKI‘I DEEPWELL	\$211,740.00	Non-Responsive	Non-Responsive

The estimated costs for the pump and motor set and refurbished motor, respectively, were as follows:

- Parker Ranch Deepwell: \$175,000
- Waimea Deepwell: \$250,000
- Keōpū #1 Deepwell: \$160,000
- Haleki‘i Deepwell: \$145,000

RECOMMENDATION: It is recommended that the Board award the contract for MATERIAL BID NO. 2021-04, FURNISHING AND DELIVERING SPARE PUMP AND MOTOR SETS FOR PARKER RANCH DEEPWELL, WAIMEA DEEPWELL, AND KEŌPŪ #1 DEEPWELL, AND REFURBISHING 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 or 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 1 – Parker Ranch Deepwell to Beylik Energetic A JV

Section 2 – Waimea Deepwell to Beylik Energetic A JV

Section 3 – Keōpū #1 Deepwell to Beylik Energetic A JV

Section 4 – Haleki‘i Deepwell to Beylik Energetic A JV

**C. MATERIAL BID NO. 2022-01, 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:**

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Bids were opened on May 4, 2022, at 1:30 p.m., and following are the bid results:

The contract period for all Parts is one year, from July 1, 2022, to June 30, 2023. All Parts are established price agreements for materials on an “As-Needed Basis.”

**RECOMMENDATION:** It is recommended that the Board award the contract(s) to the following bidders for MATERIAL BID NO. 2022-01, 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 below, and that either the Chairperson or 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, 2022, to June 30, 2023.

<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>BIDDER</b>	<b>AMOUNT</b>
<b>1</b>	DUCTILE IRON PIPE, PUSH-ON TYPE JOINT	Core & Main LP dba Pacific Pipe Co., Inc.	\$86,800.00
<b>2</b>	DUCTILE IRON FITTINGS	Core & Main LP dba Pacific Pipe Co., Inc.	\$152,901.00
<b>3</b>	DUCTILE IRON SOLID BODY SLEEVES	Core & Main LP dba Pacific Pipe Co., Inc.	\$57,020.00
<b>4</b>	FLANGE GASKETS	No Bids.	
<b>5</b>	NUTS, BOLTS, AND THREADED RODS	Fastenal Company	\$76,423.12
<b>6</b>	COPPER TUBING	Core & Main LP dba Pacific Pipe Co., Inc.	\$183,050.00
<b>7</b>	GALVANIZED PIPES T&C (THREADED & COUPLED)	Core & Main LP dba Pacific Pipe Co., Inc.	\$23,210.00
<b>8</b>	METER BOXES	M&H Investment Corp. dba ICO Supply	\$45,500.00
<b>9</b>	METER COVERS	Ferguson Enterprises, Inc.	\$19,017.50
<b>10</b>	AUTOMATIC METER READING UNIT	Ferguson Enterprises, Inc.	\$98,638.80

<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>BIDDER</b>	<b>AMOUNT</b>
11	SMART WATER METERS	No Bids.	
12	5/8" WATER METERS	Badger Meter, Inc.	\$54,360.00
13	NEPTUNE T-10 SERIES METER PARTS	Ferguson Enterprises, Inc.	\$96,661.00
14	BADGER RECORDALL SERIES METER PARTS	Badger Meter, Inc.	\$4,306.39
15	1"- 2" WATER METERS	Badger Meter, Inc.	\$10,427.80
16	COMPOUND WATER METERS	Badger Meter, Inc..	\$11,211.30
17	TURBINE METERS	Badger Meter, Inc.	\$20,199.14
18	DETECTOR CHECK METERS	Core & Main LP dba Pacific Pipe Co., Inc.	\$5,170.00
19	FIRE SERVICE METERS	Badger Meter, Inc.	\$62,366.24
20	FIRE HYDRANTS	Core & Main LP dba Pacific Pipe Co., Inc.	\$121,150.00
21	TAMPER-RESISTANT FIRE HYDRANTS	Core & Main LP dba Pacific Pipe Co., Inc.	\$158,325.00
22	MUELLER FIRE HYDRANT PARTS	Ferguson Enterprises, Inc.	\$8,041.84
23	MUELLER FIRE HYDRANT EXTENSION KITS	Ferguson Enterprises, Inc.	\$10,342.43
24	M&H VALVE FIRE HYDRANT PARTS	No Bids	
25	BALL METER VALVES	Core & Main LP dba Pacific Pipe Co., Inc.	\$75,500.00
26	BALL VALVE, PACK JOINT X METER COUPLING / FIP (Female Iron Pipe)	Ferguson Enterprises, Inc.	\$52,939.25
27	COMPRESSION JOINT COUPLING	Core & Main LP dba Pacific Pipe Co., Inc.	\$7,550.00
28	METER FLANGE COUPLING	Ferguson Enterprises, Inc.	\$5,385.75
29	PACK JOINT COUPLING	Ferguson Enterprises, Inc.	\$48,795.05
30	CORPORATION AND CURB STOPS – BALL TYPE	Core & Main LP dba Pacific Pipe Co., Inc.	\$125,657.15
31	PRESSURE REGULATORS	No Bids	
32	HOSE BIBBS	No Bids	
33	INVERTED MARKING PAINT	Safety Systems & Signs Hawaii, Inc.	\$13,344.00

<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>BIDDER</b>	<b>AMOUNT</b>
34	AIR RELIEF VALVES	Core & Main LP dba Pacific Pipe Co., Inc.	\$17,400.00
35	SLOW CLOSING AIR/VACUUM VALVES	No Bids	
36	SILENT CHECK VALVES	Core & Main LP dba Pacific Pipe Co., Inc.	\$103,280.00
37	DUCKBILL CHECK VALVES	No Bids	
38	GATE VALVES – 3” AND LARGER, 125# CLASS	Ferguson Enterprises, Inc.	\$47,939.36
39	GATE VALVES – 3” AND LARGER, 250# CLASS	Ferguson Enterprises, Inc.	\$88,365.76
40	AUTOMATIC CONTROL VALVES	Ferguson Enterprises, Inc.	\$1,887,644.02
41	ROTARY PUMP CONTROL VALVES AND ACTUATION	No Bids	
42	RESERVOIR LEVEL INDICATOR	TK Process Hawaii, LLC	\$11,118.29
43	HATCH FRAMES AND COVERS	Core & Main LP dba Pacific Pipe Co., Inc.	\$41,900.00
44	EMERGENCY EYEWASH/SHOWER STATIONS	Safety Systems & Signs Hawaii, Inc.	\$157,205.70
45	TOXIC GAS MONITORS	No Bids	
46	SIGNAL DEVICES	Graybar Electric Company, Inc.	\$151,250.00
47	ARC FLASH PPE – DAILY WEAR	No Bids	
48	SUPPLEMENTAL PPE	Safety Systems & Signs Hawaii, Inc.	\$10,968.94
49	ELECTRICAL GLOVES	Safety Systems & Signs Hawaii, Inc.	\$1,222.48
50	DIGITAL MULTIMETER & TESTING	No Bids	
51	ELECTRICAL SAFETY EQUIPMENT	Graybar Electric Company, Inc.	\$4,270.00
52	ELECTRICAL EQUIPMENT TESTING SERVICES	No Bids	
53	INDUSTRIAL MOTOR LEAD CABLE	Graybar Electric Company, Inc.	\$140,840.00
54	INDUSTRIAL CONTROL WIRING	Graybar Electric Company, Inc.	\$12,105.00



<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>BIDDER</b>	<b>AMOUNT</b>
55	HEAVY-DUTY SAFETY SWITCH	No Bids	
56	SOLID STATE REDUCED VOLTAGE SOFT STARTER	No Bids	
57	MAGNETIC CONTACTORS	No Bids	
58	MEDIUM-VOLTAGE REDUCED VOLTAGE SOFT STARTER	TK Process Hawaii, LLC	\$115,491.43
59	VARIABLE FREQUENCY DRIVES	TK Process Hawaii, LLC	\$5,395,265.87
60	POWER QUALITY EQUIPMENT	TK Process Hawaii, LLC	\$303,127.92
61	PAD-MOUNTED STEP-UP TRANSFORMER	No Bids	
62	SURGE PROTECTION DEVICES	TK Process Hawaii, LLC	\$89,620.94
63	POWER MONITORING EQUIPMENT	No Bids	
64	PROGRAMMING SERVICES	No Bids	
65A	PRESSURE TRANSDUCER – WELL LEVEL	SCADA & Control Solutions, LLC	\$39,650.71
66	PRESSURE TRANSDUCER – RESERVOIR LEVEL	No Bids	
67	PRESSURE TRANSMITTER	TK Process Hawaii, LLC	\$4,762.56
68	FLOW SWITCH	TK Process Hawaii, LLC	\$2,163.48
69	LEGACY ELECTROMAGNETIC FLOW METER PARTS	No Bids	
70	UNIVERSAL ELECTROMAGNETIC FLOW METERS	No Bids	
71	REAGENTLESS CHLORINE RESIDUAL ANALYZERS	No Bids	
72	WATER QUALITY EQUIPMENT	No Bids	
73	REAGENTS AND STANDARDS	No Bids	
74	MULTISTAGE BOOSTER PUMPS	No Bids	
75	CHEMICAL FEEDER PUMP	No Bids	
76	DIGITAL CHLORINE CYLINDER SCALE	No Bids	
77	CHLORINE GAS FEEDER	No Bids	
78	TABLET CHLORINATOR & PARTS	No Bids	
79	MECHANICAL SEALS	No Bids	
80	MOTORS	No Bids	

<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>BIDDER</b>	<b>AMOUNT</b>
<b>81</b>	LEGACY LEAK NOISE DATA LOGGER & PARTS	Wong's Equipment & Services, LLC	\$1,895.69
<b>82</b>	LEAK NOISE DATA LOGGERS	TK Process Hawaii, LLC	\$70,439.53
<b>83</b>	REMOTE PRESSURE MONITORING SYSTEM	No Bids	
<b>84</b>	LIGHT EMITTING DIODE LUMINARIES	Graybar Electric Company, Inc.	\$3,825.00
<b>85</b>	INDUSTRIAL LUBRICANTS	No Bids	

For the Sections where no bids were received, staff shall seek alternative procurement pursuant to HAR 3-122-35 to procure the required materials in the best interests of the Department.

**D. MAINTENANCE BID NO. 2022-02, REPAIR & MAINTENANCE OF EMERGENCY STANDBY GENERATOR SETS:**

This maintenance contract consists of furnishing all labor, materials, tools and equipment necessary to inspect, service, maintain, repair and test the Department of Water Supply's thirteen (13) emergency standby generator sets for a two-year term, from July 1, 2022, to June 30, 2024.

This contract includes as-needed allowances for call-out repairs:

- Material allowance: \$45,000.00
- Labor allowance: 48 regular hours and 48 emergency/overtime hours, at the Contractor's hourly rate provided in its bid.

Bids were opened on April 28, 2022, at 2:00 p.m., and the following are the bid results:

<b>Bidder</b>	<b>Bid Amount (including Allowances)</b>
Power Generation Services, Inc.	\$157,851.28*
Generator and Power Systems	\$251,220.00

\*Bid arithmetic errors were corrected in accordance with Hawai'i Administrative Rules.

Project Costs:

- 1) Low Bidder (Power Generation Services, Inc.) \$157,851.28

Funding for this project will be from DWS' Operations Budget.

**RECOMMENDATION:** It is recommended that the Board award the contract for MAINTENANCE BID NO. 2022-02, REPAIR & MAINTENANCE OF EMERGENCY STANDBY GENERATOR SETS, to the lowest responsible bidder, Power Generation Services, Inc., for a total contract amount of \$157,851.28. It is further recommended that either the Chairperson or Vice-Chairperson be authorized to sign the contract, subject to review as to form and legality by Corporation Counsel.

**E. WATER TREATMENT BID NO. 2022-04, FURNISHING LIQUID CHLORINE (ON AN AS-NEEDED BASIS) FOR THE DEPARTMENT OF WATER SUPPLY:**

This project consists of furnishing liquid chlorine on an as-needed basis to the Department of Water Supply, for a period not to exceed two years.

Bids for this project were opened on May 12, 2022, at 2:00 p.m., and the following are the bid results:

Bidder	Bid Amount	
	150 lb. Cylinder	1000 lb. Cylinder
JCI Jones Chemicals, Inc.	\$506.00	\$3,785.00

Estimated contract use:

150 lb. Cylinder: \$506.00/cylinder X 475 cylinders/year X 2 years = \$480,700.00

1000 lb. Cylinder: \$3,785.00/cylinder X 16 cylinders/year X 2 years = \$121,120.00

Total: \$601,820.00

**RECOMMENDATION:** It is recommended the Board award the contract for WATER TREATMENT BID NO. 2022-04, FURNISHING LIQUID CHLORINE (ON AN AS-NEEDED BASIS), to the lowest responsible bidder, JCI Jones Chemicals Inc., for the unit prices listed above, for the period from July 1, 2022, through June 30, 2024, and that either the Chairperson or Vice-Chairperson be authorized to sign the contract, subject to review as to form and legality by Corporation Counsel.

**F. WATER TREATMENT BID NO. 2022-05, FURNISHING AND DELIVERING OF VARIOUS TREATMENT CHEMICALS (LIQUID AMMONIA; 50% LIQUID CAUSTIC SODA; C-9 POLYPHOSPHATE; 38% SODIUM BISULFITE; 50% SULFURIC ACID; 12.5% SODIUM HYPOCHLORITE; 50% SODIUM HYDROXIDE, ACCU-TAB TABLETS, AND SODA ASH) TO THE WAIMEA WATER TREATMENT PLANT, DISTRICT OF SOUTH KOHALA (ON AN AS-NEEDED BASIS):**

This project generally consists of furnishing all labor, materials, tools and equipment necessary to deliver various treatment chemicals to the Waimea Water Treatment Plant, for a period not to exceed two years.

Bids for this project were opened on April 28, 2022, at 1:30 p.m., and the following are the bid results:

	<b>Phoenix V LLC dba BEI Hawaii</b>	<b>Shannon Chemical Corporation</b>	<b>JCI Jones Chemicals, Inc.</b>	<b>South Pacific Gold Combine LLC DBA Chemstation Hawaii</b>
Part A – Liquid Ammonia, delivery once per month, (90 cylinders per year) Cost per 100 pound cylinders	No Bid	No Bid	No Bid	No Bid
Part B – 50% Liquid Caustic Soda (4 dry tons per 5 weeks) Cost per dry ton	<b>\$2,101.52</b>	No Bid	No Bid	No Bid
Part C – C-9 Polyphosphate (7 drums per month) Cost per 30 gallon drum	\$1,225.07	\$1,577.27	No Bid	<b>\$1,042.00</b>
Part D – 38% Sodium Bisulfite (Delivery once per	\$609.69	No Bid	No Bid	<b>\$519.40</b>

3 weeks) Cost per 50 gallon drum				
Part E – 50% Sulfuric Acid (Delivery once per 3 weeks) Cost per 750 pound drum	\$799.10	No Bid	No Bid	<b>\$722.00</b>
Part F – 12.5% Sodium Hypochlorite (3 drums per month) Cost per 53 gallon drum	<b>\$389.62</b>	No Bid	No Bid	No Bid
Part G – 50% Sodium Hydroxide (Delivery once per month) Cost per 650 pound drum	<b>\$385.65</b>	No Bid	No Bid	No Bid
Part H – Accu-Tabs SI Tablets (14 buckets per month) Cost per 60 pound bucket	<b>\$197.08</b>	No Bid	No Bid	No Bid
Part I – Soda Ash (62 bags per 3 weeks) Cost per 50 pound bag	<b>\$25.20</b>	No Bid	No Bid	\$31.80

**RECOMMENDATION:** It is recommended that the Board award the contract for WATER TREATMENT BID NO. 2022-05, FURNISHING AND DELIVERING OF VARIOUS TREATMENT CHEMICALS (LIQUID AMMONIA; 50% LIQUID CAUSTIC SODA; C-9 POLYPHOSPHATE; 38% SODIUM BISULFITE; 50% SULFURIC ACID; 12.5% SODIUM HYPOCHLORITE; 50% SODIUM HYDROXIDE, ACCU-TAB TABLETS, AND SODA ASH) TO THE WAIMEA WATER TREATMENT PLANT, DISTRICT OF SOUTH KOHALA (ON AN AS-NEEDED BASIS), to Phoenix V LLC dba BEI Hawaii for Parts B, F, G, H, and I; and to South Pacific Gold Combine LLC dba Chemstation Hawaii for Parts C, D, and E, for the unit prices listed above for the period from July 1, 2022, to June 30, 2024, and that either the Chairperson or Vice-Chairperson be authorized to sign the contracts, subject to review as to form and legality by Corporation Counsel.

No bids were received for Part A. Staff will seek alternative procurement pursuant to Hawai'i Administrative Rules (HAR) 3-122-35 to procure the required services.

**G. MATERIAL BID NO. 2022-06, FURNISH BASE COURSE, SAND, COLD MIX HOT MIX, AND NO. 3F ROCK TO THE DEPARTMENT OF WATER SUPPLY:**

Bids were opened on May 12, 2022, at 1:30 p.m., and the following are the bid results:

		<b>Grace Pacific, LLC</b>	<b>Jas. W. Glover, Ltd.</b>	<b>Puna Rock Company Limited</b>	<b>WHC Ltd. dba West Hawai'i Concrete</b>	<b>Yamada &amp; Sons, Inc.</b>
	<b>DISTRICT I:</b>					
1A.	3/4-Inch Base Course (Cost per ton)	No Bid	\$20.95	Non-Responsive	No Bid	\$25.15
1B.	1½-Inch Base Course (Cost per ton)	No Bid	\$20.95	Non-Responsive	No Bid	\$24.65
1C.	No. 3F Rock (Cost per ton)	No Bid	\$40.84	Non-Responsive	No Bid	\$29.85
1D.	#4 Sand (Cost per ton)	No Bid	\$48.17	Non-Responsive	No Bid	\$57.10
1E.	Mortar Sand - ASTM C144 (Cost per ton)	No Bid	\$65.50	Non-Responsive	No Bid	No Bid
1F.	Cold Mix - ASTM D4215-87 (Cost per ton)	No Bid	No Bid	Non-Responsive	No Bid	\$201.45
1G.	Blended Material 60% #4 Sand and 40% No. 3F Rock (Cost per ton)	No Bid	\$56.55	Non-Responsive	No Bid	No Bid
1H.	Hot Mix - County Mix IV (Cost per ton)	No Bid	\$164.00	Non-Responsive	No Bid	\$187.10
	<b>DISTRICT II:</b>					
2A.	3/4-Inch Base Course (Cost per ton)	No Bid	No Bid	Non-Responsive	\$19.55	No Bid
2B.	1½-Inch Base Course (Cost per ton)	No Bid	No Bid	Non-Responsive	\$17.72	No Bid
2C.	No. 3F Rock (Cost per ton)	No Bid	No Bid	Non-Responsive	\$33.88	No Bid
2D.	#4 Sand (Cost per ton)	No Bid	No Bid	Non-Responsive	\$38.27	No Bid
2E.	Mortar Sand - ASTM C144 (Cost per ton)	No Bid	No Bid	Non-Responsive	\$65.39	No Bid
2F.	Cold Mix - ASTM D4215-87 (Cost per ton)	No Bid	No Bid	Non-Responsive	No Bid	No Bid
2G.	Blended Material 60% #4 Sand and 40% No. 3F Rock (Cost per ton)	No Bid	No Bid	Non-Responsive	No Bid	No Bid
	<b>DISTRICT III:</b>					

3A.	3/4-Inch Base Course (Cost per ton)	No Bid	No Bid	Non-Responsive	\$29.06	No Bid
3B.	1½-Inch Base Course (Cost per ton)	No Bid	No Bid	Non-Responsive	\$26.81	No Bid
3C.	No. 3F Rock (Cost per ton)	No Bid	No Bid	Non-Responsive	\$47.06	No Bid
3D.	#4 Sand (Cost per ton)	No Bid	No Bid	Non-Responsive	\$54.90	No Bid
3E.	Mortar Sand - ASTM C144 (Cost per ton)	No Bid	No Bid	Non-Responsive	\$79.07	No Bid
3F.	Cold Mix - ASTM D4215-87 (Cost per ton)	\$174.00	No Bid	Non-Responsive	No Bid	No Bid
3G.	Blended Material 60% #4 Sand and 40% No. 3F Rock (Cost per ton)	\$174.00	No Bid	Non-Responsive	No Bid	No Bid

**RECOMMENDATION:** It is recommended that the Water Board approve the contract for MATERIAL BID NO. 2022-06, 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 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 price agreement shall be from July 1, 2022, to June 30, 2023.

District I - Parts 1A, 1B, 1D, 1E, 1G, and 1H to Jas. W. Glover, Ltd.  
Parts 1C and 1F to Yamada & Sons, Inc.

District II - Parts 2A, 2B, 2C, 2D, and 2E to WHC Ltd. dba West Hawaii Concrete

District III - Parts 3A, 3B, 3C, 3D, and 3E to WHC Ltd. dba West Hawaii Concrete  
Parts 3F and 3G to Grace Pacific, LLC

For Parts 2F and 2G no bids were received. Staff will seek alternative procurement per HAR §3-122-35 to secure pricing in the best interests of the Department.

**H. SERVICE BID NO. 2022-07 (ALT), HAUL & DELIVER ONE-TON CHLORINE CYLINDERS AND 150 LB. CHLORINE CYLINDERS TO VARIOUS LOCATIONS ISLANDWIDE (ON AN AS-NEEDED BASIS):**

This project consists of furnishing all materials, labor, transportation, tools, taxes, machinery, and equipment necessary to collect 20-foot containers from harbor; offload chlorine gas cylinders from the container; and deliver chlorine gas cylinders to various locations in accordance with the specifications. The bidder will provide services on an as-needed basis.

Bids for this project were opened on April 14, 2022, at 1:30 p.m., and no bids were received. Staff pursued alternative procurement pursuant to HAR 3-122-35 to procure the required services. Request for Quotations for this project were due May 9, 2022, at 11:00 a.m., and following are the bid results:

Bidder	Bid Amount
Kona Transportation Co., Inc.	\$40,048.00
Conen's Freight Transport, Inc.	\$74,643.64

ACR Water Hauling	NO BID
Keaau Service Station, Inc.	NO BID

Service Costs:

1) Low Bidder (Kona Transportation Co., Inc.)	<u>\$40,048.00</u>
<b>Total Cost:</b>	<b><u>\$40,048.00</u></b>

The contract for SERVICE BID NO. 2022-07 (ALT), HAUL & DELIVER CHLORINE TO DWS, will be awarded to the lowest responsible bidder, Kona Transportation Co., Inc., for their bid amount of \$40,048.00.

**I. MAINTENANCE BID NO. 2022-08, REPAIR AND MAINTENANCE OF KAHALU‘U SHAFT INCLINED LIFT:**

This project generally consists of furnishing all transportation, labor, equipment, tools and consumable materials necessary to provide monthly maintenance and repair services to the inclined lift system and its related appurtenances at the Department of Water Supply’s Kahalu‘u Shaft facility.

Bid Opening for this project was May 5, 2022, at 2:30 p.m. No bids were received. Staff will seek alternative procurement per Hawai‘i Administrative Rules (HAR) §3-122-35 to procure the required services in the best interests of the Department.

**J. RENEWAL OF CONTRACT FOR MAINTENANCE AGREEMENT - SOUTH KOHALA, HĀMĀKUA, AND LAUPĀHOEHOE SITES (BRANTLEY CENTER, INC.):**

Brantley Center, Inc., presently has a Maintenance Agreement for site maintenance for the Department’s South Kohala, Hāmākua, and Laupāhoehoe tank and pump sites. We are requesting to renew this Agreement from July 1, 2022, to June 30, 2023. The rates would be as follows:

South Kohala	-	\$4,392.35/month x 12 months (23 sites) =	\$52,708.20
Hāmākua	-	\$2,944.16/month x 12 months (15 sites) =	\$35,329.92
Laupāhoehoe	-	\$738.48/month x 12 months (3 sites) =	<u>\$8,861.76</u>
Total:			\$96,899.88

The Department has the right to award the contract to Brantley Center, Inc., without advertising or calling for bids, according to Subsection 103D-1010 of the Hawai‘i Public Procurement Code. Brantley Center, Inc., has submitted the necessary documents to meet the requirements as a qualified rehabilitation facility. There is no increase from their proposal for Fiscal Year 2021-2022. Brantley Center’s performance has been satisfactory, and the costs are reasonable. A total of 41 sites are covered by this agreement.

**RECOMMENDATION:** It is recommended that the Board award the contract for the RENEWAL OF CONTRACT FOR MAINTENANCE AGREEMENT – SOUTH KOHALA, HĀMĀKUA, AND LAUPĀHOEHOE SITES, to Brantley Center, Inc., for a period from July 1, 2022, to June 30, 2023, at a total cost of \$96,899.88, and that either the Chairperson or Vice-Chairperson be authorized to sign the documents, subject to approval by Corporation Counsel.

**K. 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.

**L. 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.

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

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

1. North Kona Wells
2. COVID-19 Update
3. Department of Water Supply Energy Report
4. Update on Establishment of Permitted Interaction Group, Re: Capacity Expansion

**N. EXECUTIVE SESSION REGARDING POTENTIAL DISPUTED SETTLEMENT - JOB NO. 2016-1056 WAI'AHA DEEPWELL REPAIR, DISTRICT OF NORTH KONA:**

The Board anticipates convening an executive meeting for the purposes of an attorney-client confidential discussion regarding the above-entitled matter.

Pursuant to Section 92-5(a)(4) Hawai'i Revised Statutes, the purpose of the executive meeting is to consult with the Board's attorney on questions and issues pertaining to the Board's duties, privileges, immunities, and liabilities. A two-thirds vote is necessary to hold an executive meeting, provided that the affirmative vote constitutes a majority of the Board.

**O. CHAIRPERSON'S REPORT:**

Chairperson to report on matters of interest to the Board.

10) **ANNOUNCEMENTS:**

1. **Next Meeting:** - June 28, 2022, 10:00 a.m., at the Liquor Control Conference Room, Hilo Lagoon Centre, 101 Aupuni Street, Room 230, Hilo, 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 (808) 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.

**Board Packet** Pursuant to Hawai'i Revised Statutes, Section 92-7.5, the board packet provided to members of the board for this meeting is available for public inspection during regular business hours at the Department of Water Supply office, 345 Kekūanaō'a Street, Suite 20, Hilo, Hawai'i.

"The Department of Water Supply is an Equal Opportunity provider and employer."