

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

MEETING DATE: May 24, 2011

TIME: 10:00 a.m.

PLACE: West Hawai‘i Civic Center, Bldg. G, 74-5044 Ane Keahokalole Hwy, Kailua-Kona

- 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, 2011, Water Board meeting

- 4) APPROVAL OF ADDENDUM AND/OR SUPPLEMENTAL AGENDA
(Note: Addendum requires Roll Call Vote)

5) SOUTH HILO:

A. MATERIAL BID NO. 2011-01, FURNISHING AND DELIVERING WATER METERS, BRASS GOODS, FIRE HYDRANTS, VALVES, CHLORINATORS, PUMPS, PIPES, FITTINGS, SCADA, MOTORS, AND MISCELLANEOUS ITEMS FOR THE DEPARTMENT OF WATER SUPPLY STOCK:

Bids for this project were received and opened on May 12, 2011; at 2:30 p.m. The contract period for all Sections is one year, from July 01, 2011, to June 30, 2012. All Sections are established price agreements for materials on an “As-Needed Basis.”

RECOMMENDATION: It is recommended that the Board award the contract to the following bidder for MATERIAL BID NO. 2011-01, FURNISHING AND DELIVERING WATER METER, FIRE HYDRANTS, VALVES, CHLORINATORS, PUMPS, PIPES, SCADA, MOTORS AND MISCELLANEOUS ITEMS FOR THE DEPARTMENT OF WATER SUPPLY STOCK, on an as-needed basis, as listed below, and that either the Chairman or the Vice-Chairman 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 01, 2011, to June 30, 2012.

| PART NO. | DESCRIPTION | BIDDER | AMOUNT |
|-----------------|---|----------------------------|---------------|
| 1 | DUCTILE IRON PIPES, PUSH-ON TYPE JOINT | Ferguson Enterprises, Inc. | \$71,779.30 |
| 2 | DUCTILE IRON FITTINGS | Ferguson Enterprises, Inc. | \$26,627.81 |
| 3 | FLANGE GASKETS | Ferguson Enterprises, Inc. | \$5,104.09 |
| 4 | COPPER TUBING | Ferguson Enterprises, Inc. | \$132,803.15 |
| 5 | GALVANIZED PIPES T & C (THREADED & COUPLED) | Central Supply, Inc. | \$4,839.45 |
| 6 | HIGH DENSITY POLYETHYLENE (HDPE) PIPE | Ferguson Enterprises, Inc. | \$11,025.00 |

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| 7 | INTEGRATED ENCODER AND METER INTERFACE UNIT/AUTOMATIC METER READING | Ferguson Enterprises, Inc. | \$201.67 |
| 8 | 5/8" WATER METERS | Badger Meter, Inc. | \$80,280.00 |
| 9 | 1" – 2" WATER METERS | Badger Meter, Inc. | \$15,640.00 |
| 10 | METER BOXES AND COVERS | Ferguson Enterprises, Inc. | \$30,933.60 |
| 11 | COMPOUND WATER METERS | Ferguson Enterprises, Inc. | \$18,010.30 |
| 12 | TURBINE METERS AND STRAINERS | Ferguson Enterprises, Inc. | \$21,648.51 |
| 13 | DETECTOR CHECK METERS | Ferguson Enterprises, Inc. | \$5,985.00 |
| 14 | FIRE SERVICE METERS | Ferguson Enterprises, Inc. | \$31,919.29 |
| 15 | FIRE HYDRANTS | A.P. Water Supply, Inc. | \$79,948.00 |
| 16 | AMERICAN DARLING FIRE HYDRANT EXTENSION KIT | Ferguson Enterprises, Inc. | \$6,600.16 |
| 17 | MUELLER FIRE HYDRANT EXTENSION KIT | A.P. Water Supply, Inc. | \$4,069.00 |
| 18 | CORPORATION AND CURB STOPS – BALL TYPE | Ferguson Enterprises, Inc. | \$64,527.12 |
| 19 | BALL METER VALVES | Ferguson Enterprises, Inc. | \$43,261.00 |
| 20 | BALL VALVE, PACK JOINT X METER COUPLING/FIP | Ferguson Enterprises, Inc. | \$25,264.74 |
| 21 | PACK JOINT COUPLING | Ferguson Enterprises, Inc. | \$31,739.95 |
| 22 | HOSE BIBBS | Ferguson Enterprises, Inc. | \$3,682.40 |
| 23 | INVERTED MARKING PAINT | Ferguson Enterprises, Inc. | \$8,688.00 |
| 24 | NUTS, BOLTS, AND THREADED RODS | Ferguson Enterprises, Inc. | \$58,250.52 |
| 25 | PRESSURE REGULATORS | Central Supply, Inc. | \$1,225.87 |
| 26 | GATE VALVES – 3" AND LARGER, 125# CLASS | A.P. Water Supply, Inc. | \$26,875.00 |
| 27 | GATE VALVES – 3" AND LARGER, 250# CLASS | Ferguson Enterprises, Inc. | \$46,516.86 |
| 28 | AIR RELIEF VALVES | Ferguson Enterprises, Inc. | \$7,000.00 |
| 29 | BUTTERFLY VALVES | Ferguson Enterprises, Inc. | \$10,878.04 |
| 30 | BOOSTER AND DEEPWELL PUMP CONTROL BALL VALVES | Ferguson Enterprises, Inc. | \$427,715.48 |
| 31 | AUTOMATIC CONTROL VALVES | Ferguson Enterprises, Inc. | \$978,143.95 |
| 33 | ANTI-CAVITATION VALVE | Ferguson Enterprises, Inc. | \$215,327.09 |
| 34 | INDUSTRIAL ACTUATOR | TK Process Hawaii, LLC | \$9,435.10 |
| 35 | DIGITAL HIGH-RESOLUTION CONTROLLER | TK Process Hawaii, LLC | \$1,951.94 |
| 36 | MECHANICAL SEALS | Kaman Industrial Technologies, Inc. | \$101,375.00 |
| 37 | PUMP SEALS | D&M Industrial Repair Services, Inc. | \$92,455.00 |
| 38 | REGENERATIVE TURBINE PUMP | D&M Industrial Repair Services, Inc. | \$3,270.00 |
| 39 | MOTORS | Pacific Liquid & Air Systems | \$1,341,444.15 |
| 40 | SUBMERSIBLE MOTORS (NEW ONLY) | Beylik Drilling and Pump Service, Inc. | \$4,390,799.00 |

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| 41 | SUBMERSIBLE MOTORS (REFURBISHED AND REWIND ONLY) | Beylik Drilling and Pump Service, Inc. | \$1,944,258.00 |
| 42 | INDUSTRIAL CONTROL WIRING | Engineered SCADA Solutions, Inc. | \$3,251.25 |
| 43 | INDUSTRIAL MOTOR LEAD CABLE | TK Process Hawaii, LLC | \$115.79 |
| 44 | VARIABLE FREQUENCY DRIVES | TK Process Hawaii, LLC | \$5,283,800.18 |
| 45 | LOW HORSEPOWER VFD (1/4 HP – 15 HP 460 VAC) | TK Process Hawaii, LLC | \$7,492.73 |
| 46 | SOLID STATE REDUCED VOLTAGE SOFT STARTER & SPARE PARTS | TK Process Hawaii, LLC | \$1,210,044.16 |
| 47 | 3 PHASE MONITOR RELAY | Engineered SCADA Solutions, Inc. | \$768.22 |
| 48 | SURGE ARRESTORS | TK Process Hawaii, LLC | \$30,639.32 |
| 49 | POWER MONITORING EQUIPMENT | SCADA & Control Systems, LLC | \$45,308.00 |
| 50 | GROUNDING EQUIPMENT | TK Process Hawaii, LLC | \$915.59 |
| 51 | TELECOMMUNICATIONS TOWER | Pacific Wireless Communications, LLC | \$163,772.88 |
| 52 | LICENSED RADIO EQUIPMENT | Engineered SCADA Solutions, Inc. | \$27,650.00 |
| 53 | LICENSE-FREE RADIO EQUIPMENT | Engineered SCADA Solutions, Inc. | \$3,146.49 |
| 54 | COMMUNICATION HARDWARE | Engineered SCADA Solutions, Inc. | \$66,770.64 |
| 55 | TELEMETRY INSTRUMENTATION AND SERVICES | TK Process Hawaii, LLC | \$35,233.95 |
| 56 | AUTODIALERS | SCADA & Control Systems, LLC | \$394.00 |
| 57 | INDUSTRIAL ELECTRONIC COMPONENTS | Engineered SCADA Solutions, Inc. | \$12,733.54 |
| 58 | AUTOMATION AND CONTROL SYSTEMS | SCADA & Control Systems, LLC | \$18,831.00 |
| 59 | PROGRAMMING SERVICES | SCADA & Control Systems, LLC | \$760.00 |
| 60 | ENCLOSURES | Engineered SCADA Solutions, Inc. | \$73,973.84 |
| 61 | UNINTERRUPTIBLE POWER SUPPLY (UPS) | Engineered SCADA Solutions, Inc. | \$827.08 |
| 63 | PRESSURE TRANSMITTER | TK Process Hawaii, LLC | \$1,278.64 |
| 65 | FLOW SWITCH | TK Process Hawaii, LLC | \$948.84 |
| 66 | MAG METERS | Engineered SCADA Solutions, Inc. | \$170,604.98 |
| 68 | CIRCULAR CHART RECORDER | SCADA & Control Systems, LLC | \$2,680.00 |
| 69 | PAPERLESS DIGITAL RECORDER | TK Process Hawaii, LLC | \$6,588.01 |
| 73 | CHEMICAL FEEDER PUMP | TK Process Hawaii, LLC | \$6,544.49 |
| 75 | DIGITAL CHLORINE CYLINDER SCALES | TK Process Hawaii, LLC | \$5,460.94 |
| 76 | WATER QUALITY EQUIPMENT | Hach Company | \$33,951.48 |

| | | | |
|----|---------------------------------------|------------------------|-------------|
| 77 | LEAK NOISE DATA LOGGERS | TK Process Hawaii, LLC | \$19,760.38 |
| 79 | LIGHT EMITTING DIODE (LED) LUMINARIES | TK Process Hawaii, LLC | \$3,945.10 |
| 80 | HIGH POWERED LICENSED RADIO EQUIPMENT | TK Process Hawaii, LLC | \$3,231.45 |

For the following Sections: 32 (Pressure Regulating Valves), 62 (Pressure Transducer), 64 (Liquid Level Sensor), 67 (Direct Current Mag Meters), 70 (Tablet Chlorinators), 71 (Chlorinators), 72 (Chlorine Gas Feeder), 74 (High Density Polyethylene (HDPE) Discharge Tubing, 78 (Hatch Frames and Covers), no bids were received.

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

6) NORTH KONA:

A. **MAINTENANCE BID NO. 2011-04, REPAIR AND MAINTENANCE OF KAHALU‘U SHAFT HIL-A-VATOR, KONA:**

Bid opening was on May 12, 2011, at 1:30 p.m., and the following are the bid results.

Kone, Inc., bid \$1,367.00/month to perform the repair and maintenance on the hil-a-vator for two years, with a call-out cost of \$238.71/hour.

| | |
|--|-----------------|
| 1. Cost of contract for two years (\$1,367.00 x 24 months) | \$32,808.00 |
| 2. Contingency | <u>5,000.00</u> |
| TOTAL: | \$37,808.00 |

The last contract price was for \$1,625.00/month, with a call-out cost of \$245.00/hour.

RECOMMENDATION: It is recommended that the Board award the contract for MAINTENANCE BID NO. 2011-04, REPAIR AND MAINTENANCE OF KAHALU‘U SHAFT HIL-A-VATOR, KONA, to KONE, Inc., for their bid amount of \$32,808.00, plus \$5,000.00 in contingency, for a total contract price of \$37,808.00, 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, 2011, to June 30, 2013.

7) MISCELLANEOUS:

A. **DEDICATION OF WATER SYSTEMS:**

The Department has 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. **AMENDMENT OF NON-EXCLUSIVE EASEMENT AND BILL OF SALE**

(Note: This item was deferred from the April 26, 2011, Board meeting.)

Grantor/Seller: State of Hawai‘i, Department of Transportation

FAA-Control Tower, Kona International Airport at Keāhole

Tax Map Key: (3)7-3-043: 003 and 032

E.W.O.: 2011-002

Facilities Charge: \$27,500.00 Date Paid: *To be paid before the meeting*

Final Inspection Date: *Report to be made at the meeting*

Water System Cost: *Report to be made at the meeting*

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

B. MATERIAL BID NO. 2011-03, FURNISH BASE COURSE, SAND, COLD MIX, HOT MIX, PORTLAND CEMENT AND NO. 3F ROCK TO THE DEPARTMENT OF WATER SUPPLY:

Bids were opened on May 12, 2011, at 2:00 p.m., and the following are the bid results:

| | | Jas. W. Glover, Ltd. | Yamada & Sons, Inc. | Grace Pacific Corporation | WHC Ltd. dba West Hawai'i Concrete |
|----|---|-----------------------------|--------------------------------|----------------------------------|---|
| | DISTRICT I: | | | | |
| A. | 3/4-Inch Base Course (Cost per ton) | \$31.00 | \$15.10 | NO BID | NO BID |
| B. | 1½-Inch Base Course (Cost per ton) | \$29.00 | \$14.05 | NO BID | NO BID |
| C. | No. 3F Rock (Cost per ton) | \$39.00 | \$24.75 | NO BID | NO BID |
| D. | #4 Sand (Cost per ton) | \$37.00 | \$50.00 | NO BID | NO BID |
| E. | Mortar Sand - ASTM C144 (Cost per ton) | \$61.00 | NO BID | NO BID | NO BID |
| F. | Portland Cement 94 lb. bags (Cost per bag) | \$32.00 | NO BID | NO BID | NO BID |
| G. | Cold Mix- ASTM D4215-87 (Cost per ton) | \$135.00 | \$125.00 | NO BID | NO BID |
| H. | Blended Material 60% #4 Sand and 40% No. 3F Rock (Cost per ton) | \$50.00 | NO BID | NO BID | NO BID |
| I. | Hot Mix – County Mix IV | \$134.00 | \$114.60 | NO BID | NO BID |
| | DISTRICT II: | | | | |
| A. | 3/4-Inch Base Course (Cost per ton) | NO BID | NO BID | NO BID | \$11.28 |
| B. | 1½-Inch Base Course (Cost per ton) | NO BID | NO BID | NO BID | \$10.21 |
| C. | No. 3F Rock (Cost per ton) | NO BID | NO BID | NO BID | \$15.69 |
| D. | #4 Sand (Cost per ton) | NO BID | NO BID | NO BID | \$19.71 |
| E. | Mortar Sand - ASTM C144 (Cost per ton) | NO BID | NO BID | NO BID | \$37.42 |
| F. | Portland Cement 94 lb. bags (Cost per bag) | NO BID | NO BID | NO BID | NO BID |
| G. | Cold Mix- ASTM D4215-87 (Cost per ton) | NO BID | NO BID | NO BID | NO BID |

| | DISTRICT III: | Jas. W. Glover, Ltd. | Yamada & Sons, Inc. | Grace Pacific Corporation | WHC Ltd. dba West Hawai'i Concrete |
|----|--|-----------------------------|--------------------------------|----------------------------------|---|
| A. | 3/4-Inch Base Course (Cost per ton) | NO BID | NO BID | NO BID | \$16.16 |
| B. | 1½-Inch Base Course (Cost per ton) | NO BID | NO BID | NO BID | \$14.89 |
| C. | No. 3F Rock (Cost per ton) | \$58.00 | NO BID | NO BID | \$21.40 |
| D. | #4 Sand (Cost per ton) | \$53.00 | NO BID | NO BID | \$26.16 |
| E. | Mortar Sand - ASTM C144 (Cost per ton) | NO BID | NO BID | NO BID | \$48.48 |
| F. | Portland Cement 94 lb. bags (Cost per bag) | NO BID | NO BID | NO BID | NO BID |
| G. | Cold Mix–ASTM D4215-87 (Cost per ton) | NO BID | NO BID | \$132.00 | NO BID |
| H. | Hot Mix - County Mix IV (Cost per ton) | NO BID | NO BID | \$131.75 | NO BID |

RECOMMENDATION: It is recommended that the Board award the contract for MATERIAL BID NO. 2011-03, FURNISH BASE COURSE, SAND, COLD MIX, HOT MIX, PORTLAND CEMENT, 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, G and I to Yamada & Sons, Inc.**
 Parts D, E, F 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 G and H to Grace Pacific Corporation

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, 2011, to June 30, 2012.

C. REPORT OF AD HOC FINANCE COMMITTEE:

The Water Board’s Ad Hoc Finance Committee Chairperson, Mr. Art Taniguchi, has been investigating the three focus areas (DWS’s policies on credit card use, cash control and vehicle take-home), which encompass the scope of the Committee’s work. At this meeting, the Committee may do the following:

- **Discussion/action** on vehicle take-home policy, including condensed wording of Amendment to DWS Vehicle Policy.
- Discussion of DWS’s cash handling procedures and proposed changes.

D. POWER COST CHARGE:

A Public Hearing will have been held before the Board meeting today, to receive testimony on the Power Cost Adjustment. The Power Cost Adjustment will be discussed, with possible action by the Board. Currently, the Power Cost Charge is \$1.89 per 1,000 gallons. The Power Cost Charge for April, the most recent available figure, was \$2.23. It is recommended that the Board approve an increase of the Power Cost Charge from \$1.89 to **\$2.23**, effective June 1, 2011.

E. ENERGY MANAGEMENT ANALYST UPDATE:

The Energy Management Analyst will provide an update on significant changes or noteworthy areas relating to energy use and the Department’s Green Initiatives.

F. 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.

G. 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.

H MANAGER-CHIEF ENGINEER’S REPORT:

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

- 1) Palani Road Transmission Waterline Project
- 2) Hawaiian Ocean View Estates Project
- 3) Public Relations and Education Specialist Update
- 4) Upcoming HWWA conference

I. **CHAIRPERSON'S REPORT:**

Chairperson to report on matters of interest to the Board.

8) **ANNOUNCEMENTS:**

1. **Next Regular Meeting:**

The next meeting of the Water Board will be held on June 28, 2011, at 10:00 a.m. at the Department of Water Supply, Operations Conference Room, 889 Leilani Street, Hilo, HI. *Demonstration of water meter test to follow immediately after the meeting.*

2. **Following Meeting:**

The following meeting of the Water Board will be held on July 26, 2011, at 10:00 a.m. at the Department of Water Supply, Operations Conference Room, 889 Leilani Street, Hilo, HI.

9) **STATEMENTS FROM THE PUBLIC:**

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 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.

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