

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

AGENDA

MEETING DATE: March 28, 2006

PLACE: Royal Kona Resort, *Discovery Room*; 78-5852 Alii Drive, Kailua-Kona, Hawai'i

TIME: 10:00 a.m.

- 1) CALL TO ORDER - 10:00 a.m.
- 2) STATEMENTS FROM THE PUBLIC
- 3) APPROVAL OF MINUTES - Minutes of the February 28, 2006, Water Board Meeting
- 4) APPROVAL OF ADDENDUM AND/OR SUPPLEMENTAL AGENDA (if necessary)
(**Note: Addendum requires Roll Call Vote**)

5) **SOUTH HILO:**

A. **JOB NO. 2005-869, NON-REVENUE WATER LOSS STUDY FOR HILO, PHASE I:**

The contractor, Fluid Conservation Systems, Inc. (FCS), has requested for a contract time extension of 60 calendar days. In addition, the Department requests \$30,000.00 to survey areas not currently covered in the South Hilo District. See attached letter for details.

Additional time will allow the Department to fix additional leaks and allow FCS to better cover the entire South Hilo District, which has the highest leak rates in the County. FCS found 171 leaks in the initial phase and the additional 80 were found in the subsequent survey.

Since the study was started, the Department was able to reduce the initial unaccounted water rate from 49% to 29% which equates to at least \$30,000.00 per month in energy savings.

This would be the second time extension to the contract. Staff has reviewed the request and finds that the 60 calendar days are justified. The first time extension was for 120 calendar days, which will expire on March 30, 2006.

RECOMMENDATION: It is recommended that the Board grant this extension of contract time of 60 calendar days and additional funding of \$30,000.00 for JOB NO. 2005-869, NON-REVENUE WATER LOSS STUDY FOR HILO, PHASE I. If approved, the contract completion date will be extended from March 30, 2006, to May 30, 2006. The new contract

amount is \$330,000.00, which will be covered in the 2005-2006 Operations Budget under “Contractual Services.”

6) NORTH KONA:

A. **KONA COASTVIEW/WONDERVIEW SUBDIVISIONS IMPROVEMENT DISTRICT:**

Per request of Mr. George Wilkins, discussion of Kona Coastview/Wonderview Subdivisions Improvement District issues as outlined in letter from Mr. Wilkins of March 13, 2006 (attached).

B. **JOB NO. 2001-785, CONSTRUCTION OF THE WAIAHA PRODUCTION WELL AND 2.0-MG RESERVOIR - ADDITIONAL WORK (TREE REMOVAL):**

(Refer to attached copies of Change Order No. 13 and Contractor’s Change Proposal #13.) Isemoto Contracting Co., Ltd., has submitted a change proposal for additional work to cut down, remove, and herbicide-treat the stumps of the existing trees within the boundaries of the Waiaha Well and Reservoir site property. The tree removal will enhance security and maintenance of the site.

Staff has reviewed the contractor’s change proposal and recommends acceptance of the contractor’s fee to perform the tree work and the additional contract time of 49 calendar days needed to complete the work. This will be the sixth extension to the original contract completion date. Previous extensions are listed below:

- 1st time extension July 5, 2005, to September 11, 2005 (Lava tube probing and backfilling).
- 2nd time extension September 11, 2005, to November 2, 2005 (Gauging and video logging the well casing).
- 3rd time extension November 2, 2005, to November 30, 2005 (Delay due to late shipment of equipment from supplier).
- 4th time extension November 30, 2005, to January 28, 2006 (Delay due to late provision of electrical power to operate deepwell pump to the site and redesign, fabrication, and shipping of booster pump control panel).
- 5th time extension January 28, 2006, to February 28, 2006, to allow for acquiring the Supervisory Control and Data Acquisition (SCADA) program from the Department of Water Supply and for the additional time to correct the discrepancy in the contract documents concerning the pump control equipment.

RECOMMENDATION: It is recommended that the Water Board approve the contractor’s change proposal for JOB NO. 2001-785, WAIAHA PRODUCTION WELL AND 2.0-MG RESERVOIR, which shall also extend the contract completion date by 49 calendar days to April 18, 2006.

C. **IRRIGATION AGREEMENT, COUNTY OF HAWAI‘I (DPW):**

The County of Hawai‘i (Department of Public Works) is requesting landscape irrigation for park strips within the Kuakini Highway Improvements project. The Agreement specifies the terms and conditions for two (2) water meters with a total of 10 units between them.

RECOMMENDATION: It is recommended that the Board approve this Agreement and authorizes the Chairman or the Vice-Chairman to sign the document.

D. **JOB NO. 2003-823, PALANI ROAD TRANSMISSION LINE:**

(Refer to attached FEE PROPOSAL FOR ADDITIONAL DESIGN SERVICES.) Akinaka & Associates, Ltd., has submitted a change order proposal for additional work requested by DWS. Staff has reviewed the proposal and recommends acceptance of the items in the amount of \$269,377.00. The original contract amount was \$449,808.00. The amended total contract amount will be \$719,185.00. Funds for the additional work are available.

RECOMMENDATION: It is recommended that the Board approve the fee proposal for additional design services as submitted by Akinaka & Associates, Ltd., for a total additional amount of \$269,377.00 as Change Order No. 1 for JOB NO. 2003-823, PALANI ROAD TRANSMISSION LINE, and further that the Chairman or Vice-Chairman be authorized to execute the appropriate change order.

E. **TRANSFER OF 1.0-MG RESERVOIR, ELEVATION 125 ' AT HINALANI:**

As part of the Hinalani Street Water System Development, a 1.0-MG reservoir was constructed at elevation 125 feet. This water system was intended to provide water from makai to mauka through a series of booster pumps. Since the discovery of the high-level water, we are now transmitting water along Hinalani Street from mauka to makai. Due to this reversal of flow pattern, the 1.0-MG reservoir at elevation 125 feet does not fit into our overall system and has not been used for several years.

Recently, the Department of Environmental Management has expressed an interest in the reservoir for the purpose of storing R1 treated sewer effluent for irrigation purposes along Queen Kaahumanu Highway. Use of R1 treated sewer effluent would benefit the County as well as the DWS. Use of alternate sources for irrigation preserves potable water for domestic uses. The Department of Environmental Management has therefore requested that our unused 1.0-MG reservoir at elevation 125 ' on Hinalani Street be transferred to them.

RECOMMENDATION: It is recommended that the Board approve the transfer of our 1.0-MG reservoir at elevation 125 ' on Hinalani Street to the Department of Environmental Management and that either the Chairman or the Vice-Chairman be authorized to execute the transfer documents subject to review and approval of Corporation Counsel.

7) **SOUTH KONA:**

A. **SITE ACQUISITION FOR KEEI WELL STATION D:**

The expanded portion of the well site for the present facilities at our existing Keei Well D needs to be purchased from the property owner, Kamehameha Schools – Bishop Estates (KSBE). The expanded portion of the well site is 4,591 square feet in area and the current appraised purchase price is \$16,500.00. The appraisal was done in January of 2006 by Baird

Appraisals. The site to be acquired is a portion of Tax Map Key 8-3-011:008. (See attached map.) Additional expenses may include one half of the closing cost, which is estimated to be \$500.00. Funds are available in our current budget for this land acquisition.

RECOMMENDATION: It is recommended that the Water Board approve the purchase of 4,591 square feet portion from TMK 8-3-011:008 for the purchase price of \$16,500.00 plus one half of the closing cost and that either the Chairman or the Vice-Chairman be authorized to sign the document(s), subject to review as to form and legality of the document(s) by Corporation Counsel.

8) MISCELLANEOUS:

A. GRANT OF EASEMENT FOR WATER METER, TAX MAP KEY 7-5-006:014:

1. GRANT OF EASEMENT (for Water Meter purposes)
Grantor: Fishhopper, LLC, a Hawaii limited liability company
TMK: (3) 7-5-006:014

Note: More information to be provided at the meeting.

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

B. PROFESSIONAL SERVICES AGREEMENT:

Professional Services Agreement contracts for the following Department of Water Supply projects are currently being processed. However, the projects are not listed on the Department's current 5-year Capital Improvement Projects list.

- 1) Kahaluu Shaft Water Quality Enhancement, Part II (consists of engineering design work)
Consultant: To be determined
Estimated Fee: \$250,000.00
Estimated Construction Cost: \$2,000,000.00

Part I of this project was to evaluate options to improve the water quality of the Kahaluu Shaft. These options included desalination treatment and also the possibility of physical modifications or operational adjustments to reduce chloride and sodium levels. Staff met with Brown and Caldwell, consultant for Part I, on Tuesday, March 21, 2006 to discuss their findings. Based on their findings it is recommended that physical modifications at the Kahaluu Shaft is the more prudent alternative.

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

C. **GROUND RENT FOR LALAMILO WIND-FARM, SOUTH KOHALA, HAWAI'I (G.L. NO. S-5240), TAX MAP KEY 6-6-01:02(PORTION):**

Information will be provided at the meeting.

D. **CELL TOWER SPACE RENTAL:**

For discussion and exploration of income producing opportunities by renting space for cell tower use on certain facility sites.

E. **DAM SAFETY:**

Discussion on Dam Safety as it relates to the Department of Water Supply.

F. **HAWAIIAN OCEAN VIEW ESTATES \$6 MILLION APPROPRIATION RELEASE:**

Update on Hawaiian Ocean View Estate \$6 million Appropriation Release. Department of Water Supply and Corporation Counsel will provide a status update on appropriation release. (See correspondence from Ms. Katherine Garson to Mr. William Wynhoff, State Attorney General's Office, of March 6, 2006.)

G. **MONTHLY PROGRESS REPORT:**

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

H. **DEPARTMENT OF WATER SUPPLY PROPOSED OPERATING AND CAPITAL IMPROVEMENT BUDGETS FOR FISCAL YEAR 2006-2007:**

Budgets for review and discussion.

I. **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.

J. **MANAGER'S REPORT:**

- 1) The Manager will provide a report/update of the construction/status of the Kona Coastview/Wonderview Improvement District project.
- 2) The Manager will provide an update on the status of the projects undertaken by the USGS Drilling Program and will discuss participation in the Program in general.
- 3) The Manager will provide a report on Kona water quality and various steps being undertaken to improve said water quality, including the obtaining of corridors from various developers/private landowners.

K. **CHAIRMAN'S REPORT:**

Chairman to provide comments and/or information relating to matters of concern to the Water Board.

9) **ANNOUNCEMENTS:**

1. **Next Meeting:**

The next meeting of the Water Board will be held on April 25, 2006, 10:00 a.m., in the Hilo Operations Center Conference Room; 889 Leilani Street, Hilo, Hawai'i.

10) **STATEMENTS FROM THE PUBLIC**

11) **ADJOURNMENT**

The meeting place is accessible to persons with disabilities. If you require use of an auxiliary aid or other access accommodation, please contact Doreen Shirota at 961-8050 as soon as possible or at least 5 days prior to the meeting.

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

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, 25 Aupuni Street, Hilo, Hawai'i 96720.