

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

MEETING DATE: May 24, 2005

PLACE: Royal Kona Resort (**Resolution Room**); 75-5852 Alii Drive; Kailua-Kona, HI

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 April 26, 2005, 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. 2002-795, CONSTRUCTION OF THE KULAIMANO WELL DEVELOPMENT, PHASE I (WELL NO. 5007-01):**

Bids will be opened on May 19, 2005; and a report and recommendation will be provided at the meeting.

6) 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.

1. GRANT OF EASEMENT AND BILL OF SALE

MALAWAINA COURT

Subdivision Application No. 2003-016

Grantor: William Takaba & Cheryl Ann Takaba

E.W.O.: 2005-034

TMK: (3) 2-4-048:115

Lots: 9 Lots plus 1 Roadway Lot (had 2 existing services) Zoning: RS-15

Facilities Charge: \$38,500.00

Paid: October 18, 2004

Final Inspection Date: May 13, 2005

Water System Cost: \$33,814.00

2. GRANT OF EASEMENT AND BILL OF SALE

ALII HEIGHTS, UNIT 2, PHASE 3
Subdivision Application No. 2002-118

Grantor: Towne Keauhou LLC

E.W.O.: 2005-032

TMK: (3) 7-7-008:por. 011

Lots: 31 Lots plus 5 Roadway Lots

Zoning: RS-15

Facilities Charge: \$165,000.00 (1 lot previously paid)

Paid: June 29, 2004

Final Inspection Date: May 13, 2005

Water System Cost: \$226,587.76

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

B. EQUIPMENT BID NO. 2005-05, FURNISHING AND DELIVERING LEAK DETECTION EQUIPMENT TO THE DEPARTMENT OF WATER SUPPLY:

Bids were opened on May 16, 2005, and following are the bid results:

Item: Leak Noise Correlator	BIDDERS	
	Flow Metrix, Inc.	Metrotech Corporation
Bid Amount:	\$29,995.00	\$14,995.00
Delivery Time:	30 calendar days	14 calendar days

Although Metrotech Corporation had the lowest bid, the bid from Flow Metrix, Inc., will be recommended because there were numerous items in the specifications that the Leak Noise Correlator submitted by Metrotech Corporation did not meet. Among the major items were:

1. The specifications called for the main amplifier to have a frequency response, or amplification, of 20 Hz to ISM/LAN 2.4 GHz spread spectrum. The correlator submitted by Metrotech Corporation has a transmitter output power of 500 mW.
2. The specifications called for a minimum internal memory of 1,000 previous correlator runs. The correlator submitted by Metrotech Corporation has a memory of 10 correlator runs.
3. The specification called for a minimum battery life of 32 hours. The correlator submitted by Metrotech Corporation has a battery life of 12 hours.
4. The specifications called for the Field Sensing Units to have a remote access/delayed recording option for correlating in zones obstructed by concrete walls, buildings, or thick vegetation. The correlator submitted by Metrotech Corporation does not have this feature.
5. The specifications called for Special Mapping software features to be compatible with the Department's GIS system. The correlator submitted by Metrotech Corporation does not have this feature.
6. The specifications called for a laptop. The correlator submitted by Metrotech Corporation did not include a laptop.

RECOMMENDATION: It is recommended that the Board award EQUIPMENT BID NO. 2005-05, FURNISHING AND DELIVERING LEAK DETECTION EQUIPMENT TO

THE DEPARTMENT OF WATER SUPPLY, to Flow Metrix, Inc., for the bid amount of \$29,995.00 and that either the Chairman or the Vice-Chairman be authorized to sign the documents, subject to review as to form and legality of the contracts by our Corporation Counsel.

C. **NEW OPERATIONS DIVISION PROJECTS:**

The following Department of Water Supply projects are not listed on the Department's current 5-year Capital Improvement Projects list:

- 1) **Non-Revenue Water Loss Study, Phase I, for the city of Hilo:** This project is needed to reduce Hilo's nearly 40% unaccounted for water losses. The study will help DWS develop a priority list for pipeline replacement and repair. The Department spends nearly \$1,800,000.00 annually on electrical costs for Hilo alone.

Project cost: \$300,000.00 (consultant cost). Funding will be from the Operations Division "Contractual Services" budget, fiscal year 2004-2005.

- 2) **Kahaluu Shaft Bridge Crane Repair:** This project is needed to get the bridge crane repaired and certified. In addition, upon investigation of the bridge crane, staff determined the gunite in the ceiling is unsafe. Large pieces of gunite (similar to concrete) have fallen and present a safety hazard for staff and equipment.

Project cost: \$190,000.00 (includes consultant and construction). Funding will be from the Operations Division "Contractual Services" budget, fiscal year 2004-2005.

RECOMMENDATION: It is recommended that the Board approve the new projects.

D. **MONTHLY PROGRESS REPORT:**

Review of progress report of projects.

E. **DEPARTMENT OF WATER SUPPLY PROPOSED OPERATING AND CAPITAL IMPROVEMENT BUDGETS FOR FISCAL YEAR 2005-2006:**

Budgets for review and discussion.

F. **REVIEW OF MONTHLY FINANCIAL STATEMENTS:**

Review of financial statements and information.

G. **MANAGER'S REPORT:**

- 1) Kona Coastview/Wonderview status
- 2) USGS Drilling Program
- 3) Kona Water Quality

H. **CHAIRMAN'S REPORT:**

7) **ANNOUNCEMENTS:**

Next Meeting:

The next meeting of the Water Board will be held on June 28, 2005, in the Hilo Operations Center Conference Room, 889 Leilani Street, Hilo, Hawai'i, as follows:

1. 9:30 a.m. - Public Hearing on the proposed Fiscal Year 2005/2006 Operating and Capital Improvement Budgets
2. 10:00 a.m. - Regular Water Board Meeting

8) **STATEMENTS FROM THE PUBLIC**

9) **ADJOURNMENT**

If you require an accommodation or auxiliary aid and/or services to participate in this meeting (i.e., sign language interpreter, and large print), please call this number 961-8050.

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