



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT
P.O. BOX 621
HONOLULU, HAWAII 96809

STAFF SUBMITTAL

for the meeting of the
COMMISSION ON WATER RESOURCE MANAGEMENT

June 21, 2006
Honolulu, Hawaii

Authorization to Award the Construction Contract for
Job No. G55CM18B, Waihee Deep Monitor Well, Waihee, Maui

BACKGROUND:

Capital Improvement Program (CIP) funding for the subject project in the amount of \$431,000 was appropriated to the Department of Land and Natural Resources under Act 41, SLH 2004. Funding was provided for planning (\$25,000), land (\$10,000), design (\$25,000), construction (\$321,000), and equipment (\$50,000) to construct a deep monitor well to collect hydrologic and geologic data from the Waihee Aquifer System on the island of Maui.

The proposed justification for the monitor well is as follows:

- a. Long-term ground water monitoring is necessary for the Waihee Aquifer System. The proposed deep monitor well will be used to observe long-term changes in water levels and in the thickness of the basal lens and transition zone.
- b. Proceedings to designate Waihee as a ground water management area have been deferred. However, the adjacent Iao aquifer system was designated as a ground water management area on July 21, 2003.
- c. CWRM has two deep monitor wells in the Iao Aquifer System. An additional well in Waihee will provide better monitoring coverage for the region.

Approval by the Governor was received on August 2, 2004, authorizing the release of planning, land, design, construction, and equipment funds totaling \$431,000 to complete the Waihee deep monitor well. The Commission authorized the Chairperson to enter into an agreement for consultant services for planning and design of the Waihee Deep Monitor Well on July 28, 2004 and the firm of Shimabukuro, Endo & Yoshizaki, Inc. (SEY Engineers) was selected to provide consultant services. Subsequently, approval by the Governor was received on March 6, 2006, authorizing the transfer of \$40,000 in previously released equipment funds to construction. This transfer was necessary in the event that the cost of drilling exceeded the available construction funds.

PROJECT DESCRIPTION:

The project consists of constructing an 8-inch diameter deep monitor well, approximately 900 feet deep, in Waihee, Maui, located near the County of Maui, Department of Water Supply's North Waihee Reservoir Site, and identified as Tax Map Key: (2) 3-2-01: Portion of 3.

Bids for the subject project were received and opened on May 18, 2006, and the results are as follows:

<u>Bidder</u>	<u>Total Sum Bid</u>
Wailani Drilling Inc.	\$333,910.00
Valley Well Drilling, LLC	\$395,580.00
Beylik Drilling & Pump Service, Inc.	\$426,925.00
Water Resources International, Inc.	\$592,190.00

Wailani Drilling submitted the low bid. We have reviewed the bid and found it to be fair.

The construction contract with Wailani Drilling is subject to approval by the Deputy Attorney General.

RECOMMENDATION:

That the Commission authorize the Chairperson to proceed with awarding the contract for Job number G55CM18B, Waihee Deep Monitor Well, Waihee, Maui, to Wailani Drilling, for their low bid of \$333,910.00, and execute necessary documents to implement the project subject to the approval by the Deputy Attorney General.

Respectfully submitted,



DEAN A. NAKANO
Acting Deputy Director

- Exhibit(s) 1 Location of Proposed Deep Monitor Well
- 2 Proposed Well Section

APPROVED FOR SUBMITTAL:



6 PETER T. YOUNG
Chairperson