

ACTION CALENDAR

CHEVRON NITRIFICATION TANK INSPECTION

SUMMARY:

The Nitrification Tank at Exxon-Mobil was built in 1995 by Whiting-Turner Contracting Company, with CH2M Hill providing construction management services. In 2000, it was noted by United Water Services that the tank roof was sagging. An inspection was completed and repairs were recommended for preventing a catastrophic failure in the event of an earthquake. This tank repair was settled with the contracted firms.

The Chevron Nitrification Tank was built in 1995 by the same team of contractors and construction management firm. As a result, legal counsel advised staff that the Chevron Tank should be inspected to assess the structural integrity. Staff distributed and posted a "Request for Proposals" on January 17, 2006 to conduct the following three tasks:

- Task 1 - Tank inspection, assessment, and findings;
- Task 2 - Tank repair/improvements design; and
- Task 3 - Engineering services during tank repair/improvements.

Proposals were received from two firms by the deadline, January 31, 2006, KTA-Tator, Inc. (KTA) and Harper & Associates Engineering, Inc. (HAE). The costs proposed by each firm are summarized below.

	Task 1	Task 2	Task 3
KTA-Tator, Inc.	\$8,652	\$13,800	\$9,200
Harper & Associates Engineering, Inc.	\$9,914	\$10,956	\$6,328

An evaluation of the proposals was conducted and based on their scores, cost estimates, and cost value, HAE was recommended for performance of Task 1. Under the Co-General Managers' authority, HAE was awarded a contract to perform Task 1 in the amount of \$9,914.

Tank inspection occurred on February 22, 2006; in attendance along with the inspection consultant were staff, United Water Service, CH2MHill, and Whiting Turner. Chevron was notified of the inspection and precautions were taken to ensure their water supply was switched to potable during the inspection. The initial observations include a red colored material on the tank walls and floor in contact with the nitrified water, straight rafters, and corrosion around the roof vent. A detailed inspection report including photographs and structural engineering calculations was delivered on March 6, 2006. Upon review of this report, repair recommendations were presented. These repairs include addressing corrosion around the tank roof vent and all interior surfaces above the water line. Minor tank modifications are recommended in order to ensure the tank is compliant with all AWWA D100 standards.

Under HAE's Task 2 scope, tank repairs and a improvement design package will be developed. After completion of the package a "Request for Bids" for construction repairs will be solicited. Under Task 3, HAE would perform engineering services during construction to assist in the proper application of repair methods and tank improvements outlined under Task 2.

Staff presented this information to the Water Resource Committee on March 6, 2006. Due to a lack of quorum, Director Little recommended changing this item to action and amending the contract with HAE to include Tasks 2 and 3 and that this item be agendized to the March 20, 2006 Board meeting for consideration.

FISCAL IMPACTS:

Funds are available under the Operating Fund

ENVIRONMENTAL COMPLIANCE:

None.

COMMITTEE STATUS:

This item was not reviewed by the Water Resources Committee on March 6, 2006 due to a lack of quorum. Director Little suggested this information item be agendized to the March 20, 2006 Board meeting as an action item.

RECOMMENDED MOTION:

That the Board authorizes the Co-General Managers to amend contract W1700 with Harper & Associates Engineering, Inc. to include Tasks 2 and 3 for a total contract amount not-to-exceed \$27,198, plus 10% for contingencies, for a total of \$29,918.

LIST OF EXHIBITS:

None.