

CITY OF YUBA CITY
STAFF REPORT

Date: September 1, 2009
To: Honorable Mayor & Members of the City Council
From: Utilities Department
Presentation By: Ian Pietz, Senior Engineer

Summary

Subject: **Water Treatment Plant Monitoring Well No. 1 - Aquifer Storage and Recovery Project**

Recommendation: a. Award Contract No. 09-17, WTP Monitoring Well No. 1 Project, to Nor-Cal Pump & Well Drilling of Yuba City, CA in the amount of their bid of \$59,450.00.
b. Authorize the City Manager to execute the contract on behalf of the City, following approval by the City Attorney.

Fiscal Impact: \$69,450 - funded from Water CIP accounts:
\$59,450 - 971077-65501 Construction
\$10,000 - 971077-65504 Construction contingency

Details

Background:

February 17, 2009 City Council approved an agreement with Carollo Engineers to provide engineering services related to the aquifer storage and recovery project. This project evaluates the feasibility of storing some of the allocated, but unused drinking water in the underground aquifers near the water treatment plant and possibly in the distribution system for recovery and use during summer months.

This construction project consists of drilling a well that would eventually be required to monitor a storage and recovery well. This 6 inch diameter well will be drilled to a depth of approximately 600 feet. The drilling operation will be closely monitored by a Carollo Engineers hydro geologist who will evaluate soils as they are removed from the well hole. The soils information will provide sufficient information related to design of the storage and recovery well.

On July 7, 2009, Council approved the plans and specifications for the Monitoring Well Project and authorized the Utilities and Public Works Departments to advertise for bids.

Analysis:

The WTP Monitoring Well No. 1 Project was advertised for bid in July and August of this year. Plans and specifications were provided to local builder/contractor exchanges and an announcement published in the local newspaper. August 20, 2009, 4 bids were received and opened in the City Clerk's Office. The bid results are as follows:

Vendor	Total Bid Amount
Nor-Cal Pump & Well Drilling, Inc.—Yuba City, CA	\$ 59,450
Roadrunner Drilling & Pump Co.—Woodland, CA	\$ 80,734
Bradley & Sons, Inc.—Del Ray, CA	\$ 96,445
Zim Industries—Lincoln, CA	\$128,970
 Engineer's Estimate	 \$125,000

Nor-Cal Pump & Well Drilling of Yuba City is the low bidder. Contract administration and inspection of the project will be performed by the Utilities Department and Carollo Engineers. Project construction is anticipated to begin immediately and be completed by October of this year.

Fiscal Impact:

Construction costs, including contingency, for this portion of the project is \$69,450. Project management and inspection will be performed by a combination of Utilities Department staff and Carollo Engineers members. Carollo Engineers construction management and inspection costs will be paid through the agreement approved on February 17, 2009. If the full aquifer storage and recovery project is deemed feasible, cost estimates for evaluation, permitting, design, construction, and project management are estimated to be \$2.3 million. Funds for the project are under CIP account number 971077 with a balance of \$1,232,000 future funds are scheduled to be allocated in FY 10/11.

Alternatives:

Do not award the contract and reject all bids, delay or modify the recommended action to award the contract, or direct staff to end further study of the aquifer storage and recovery project

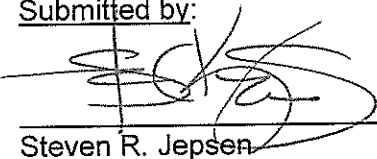
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Prepared by:


 Ian Pietz
 Senior Engineer

Submitted by:


 Steven R. Jepsen
 City Manager

Reviewed by:

Department Head



City Attorney

OK VIA E-MAIL

Finance

