

**Metropolitan Domestic Water Improvement District  
Board of Directors Meeting**

**September 14, 2015**

**Award for Maintenance and Testing of  
Irrigation Well BKW #8**

**Synopsis**

The Board of Directors is requested to award the bid and approve the agreement with Weber Water Resources, LLC in the amount of \$28,900.75 for the Maintenance and Testing of Irrigation Well BKW #8.

**Background**

The District is in the land acquisition phase of the CAP Recharge, Recovery, and Delivery System (RRDS). A necessary integral part of the CAP RRDS will be new recovery wells near existing recharge facilities, Avra Valley Recharge Project and Lower Santa Cruz Recharge Project. Unfortunately, the District has very little information about the productivity of the aquifer with which to appropriately design the recovery wells. District staff identified an inactive irrigation well that is a good candidate for conducting an aquifer test. This well is near a potential recovery location and is within one mile of the Avra Valley Recharge Project, the Lower Santa Cruz Recharge Project, and two groundwater savings projects. On July 13, 2015, the Board approved a license agreement with the well's owner, BKW Farms that provides access to work in the well. The Fiscal Year 2016 budget includes \$65,000 for this project.

The District conducted a call for bids for the Maintenance and Testing of Irrigation Well BKW #8 on August 6, 2015. The Notice of Bid was published in the Daily Territorial on August 6, 7, and 10, 2015 (attached).

**Issues**

Bids for the maintenance and testing of Irrigation Well BKW #8 were received and opened at the District office on August 20, 2015. The work includes removing existing, non-functional pumping equipment from the well, well video surveys, brushing and bailing to improve connection with the aquifer, installation of temporary test pumping equipment, and conducting a constant-rate aquifer test of up to 72 hours. Seven contractors obtained the bid documents with three contractors submitting bids (attached).

The bid totals from the submitted bids are as follows:

<u>Contractor</u>	<u>Bid Price</u>
Weber Water Resources, LLC	\$28,900.75
Layne Christensen Company	\$58,750.00
Southwest Waterworks Contractors, Inc.	\$62,003.00

The apparent low bidder was Weber Water Resources, LLC (Weber). Weber was the only potential bidder to request a site visit. Weber has an office in Tucson with their home office located in Chandler, Arizona. The second low bidder was Layne Christensen Company also located in Chandler, Arizona. Weber held the Well Maintenance Contract with the District from July 2012 through June 2015. Weber is currently in good standing with the Arizona Registrar of Contractors. Their “e-mod” rating, an indicator of their safety record, is 0.87. (1.00 is industry average. A rating less than 1.00 indicates a better safety record than average.)

Staff contacted Weber to confirm their bid. Weber explained the apparent low bid was because they had equipment readily available in Tucson.

Additional funds under the AVRPP Recovery Well Testing budget line item will be used for the District’s Miscellaneous Water Resources Consultant, Clear Creek Associates, to provide assistance with contractor oversight and monitoring of the 72-hour aquifer test, aquifer test analysis, and documentation along with equipment rental (i.e., transducer and data logger). Clear Creek Associates has identified the fee for this work to be a maximum of \$21,037. The remaining \$15,062 of the \$65,000 budgeted is more than adequate for water quality analyses and any additional work that Weber may need to perform.

### **Recommendation**

It is recommended that the Board of Directors award the bid and approve the agreement for Maintenance and Testing of Irrigation Well BKW #8 to Weber Water Resources, LLC in the amount of \$28,900.75.

It is also recommended that the General Manager be granted authority to approve the following changes to the agreement: 1) allocate additional funding a cumulative amount not to exceed \$5,000 and 2) increase the original contract term a cumulative amount not to exceed 60 calendar days. Any changes in excess of the above limits will be submitted to the Board of Directors for approval.

### **Suggested Motion**

I move to award the bid for the Maintenance and Testing of Irrigation Well BKW #8 to Weber Water Resources, LLC in the amount of \$28,900.75. I also move to approve the job order agreement with Weber Water Resources, LLC and grant the General Manager authority to approve the following changes to the agreement: 1) allocate additional funding a cumulative amount not to exceed \$5,000 and 2) increase the original construction contract term a cumulative amount not to exceed 60 calendar days. Any changes in excess of the above limits will be submitted to the Board of Directors for approval.

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Respectfully submitted,

Warren Tenney  
Assistant General Manager

I concur with the above-noted recommendation.

Respectfully submitted,

Joseph Olsen, P.E.  
General Manager