

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

**May 13, 2013**

**Award of the Construction Contract for the  
Hub 1A Well Site Improvements**

**Synopsis**

The Board of Directors is requested to award a construction contract to Innova Engineering, LLC in the amount of \$345,405.00 for the construction of the Hub 1A Well Site Improvements.

**Background**

The existing Hub 1 Well is over 49 years old. It was determined that it is at the end of its useful life and that a replacement well was required. On September 14, 2009, the Board of Directors entered into an agreement with the Tucson Unified School District for the option to purchase a well site at the Fruchthendler Elementary School in the Hub Service Area. Following the completion of exploratory drilling at the site, the Board of Directors approved the purchase of the site on October 13, 2010. The exploratory well that was drilled on that site (HEX-2) was determined to have sufficient capacity to meet the flow requirements of a new replacement well for the Hub 1 Well. Therefore rather than drilling a final full-sized well, the HEX-2 well was completed and capped, and ADWR approval was obtained in June 2011 for use of this as a municipal supply well. The well was redesignated as the Hub 1A Well, reflecting its status as the replacement well for the existing Hub 1 Well.

To place this new well in service, it is required to equip it with a pump and motor, appurtenant control and security equipment, screen wall and gates. The well equipment is designed to deliver ground water to the lower Hub service area and supply water to the Hub Reservoir site for boosting to the upper Hub service area.

**Issues**

The District conducted a call for bids for the construction of the Hub 1A Well Site Improvements on April 8, 2013. The Notice of Bid was published in the Daily Territorial on April 8, 9, 10, 11, and 12, 2013. A public bid opening was held on May 1, 2013.

Seven (7) contractors obtained the bid documents with three (3) contractors submitting actual bids. The results of the submitted bids are as follows:

**Submitted Bids**

<b><u>Contractor</u></b>	<b><u>Total Bid Amount</u></b>
Innova Engineering, LLC	\$345,405.00*
Smyth Industries, Inc.	\$468,054.74*
The Ashton Company, Inc.	\$493,296.00
Engineer's Estimate	\$531,325.00

\*Revised due to mathematical errors.

Copies of the Project Plans, Specifications, and bid tabulation summary sheets are available in the Board office.

The low bidder was Innova Engineering. This company is a local contractor with several years of experience in the Tucson area. Innova Engineering has a current KA Dual Engineering Arizona Contractor License (issued in May 2009) for commercial construction work which allows the scope of work permitted by the commercial A-General Engineering license. There are no complaints on file with the Registrar of Contractors. An inquiry with OSHA for the last 5 years reveals that there was one complaint with 5 violations reported in March 2010 that occurred on the District's La Cañada Waterline Relocation and Transmission Main project and one open complaint. Innova Engineering has satisfactorily completed several projects for the District including most recently the Cortaro Farms Road/Magee Road, Shannon Road (South) to Thornydale Road, Waterline Relocations and Shannon Road Transmission Main, Phase I, Cortaro Farms Road/Magee Road Reclaimed Water Line project, and the Orange Grove Road/Magee Road, La Canada Drive to Oracle Road project.

The second low bidder was Smyth Industries, Inc. This company is a local contractor that has been in business since 1980. Smyth Industries has a current A General Engineering Arizona Contractor License (issued in June 2000). There are no complaints on file with the Registrar of Contractors. An inquiry with OSHA for the last 5 years reveals no complaints, inspections or violations. Smyth Industries satisfactorily completed the Hub Reservoir project for the District, and has satisfactorily fabricated several steel hydropneumatic tanks for the District. In addition to their General Engineering license, Smyth Industries holds an electrical L-11 license, ASME Boiler & Pressure Vessel "U" Certification and National Board of Boiler and Pressure Vessel Inspectors "R" Certification, and has a UL508A listing for fabrication of control panels.

The third low bidder was The Ashton Company. This company is a heavy civil general engineering contractor that has been in business since 1946. The Ashton Company has a current A General Engineering Arizona Contractor License (issued in 1987). There are no complaints on file with the Registrar of Contractors. An inquiry with OSHA for the last 5 years reveals that there have been two inspections conducted. An inspection in February 2009 was due to an accident that resulted in a fatality. In this accident an employee was installing a street light pole that contacted a high voltage overhead power line, electrocuting the employee. This incident has been resolved with OSHA.

Previously The Ashton Company satisfactorily completed the Herb Johnson Reservoir, the Magee/La Cholla Site Improvements, the Shannon Well Treatment System, the Old Magee Trail Well Site Improvements and is currently constructing the Riverside Well Site Improvements for the District.

This project was identified in the 2005 Capital Improvement Program, and will be funded through the 2007 loan from the Water Infrastructure Finance Authority (WIFA). Completion of this project is anticipated in November 2013.

### **Recommendation**

It is recommended that the Board of Directors award the construction contract for the Hub 1A Well Site Improvements to Innova Engineering, LLC in the amount of \$345,405.00.

It is also recommended that the General Manager be authorized to approve the following changes to the construction contract: 1) allocate additional funding a cumulative amount not to exceed \$30,000.00 (approximately 9% of bid) and 2) increase the original construction contract term a cumulative amount not to exceed sixty (60) calendar days. Approval of this authorization will allow work to proceed promptly should any unforeseen conditions be encountered during construction. 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 construction contract for the Hub 1A Well Site Improvements to Innova Engineering, LLC in the amount of \$345,405.00, and to authorize the General Manager to approve the following changes to the construction contract: 1) allocate additional funding a cumulative amount not to exceed \$30,000 and 2) increase the original construction contract term a cumulative amount not to exceed sixty (60) calendar days. Any changes in excess of the above limits will be submitted to the Board of Directors for approval.

Respectfully submitted,

Charlie A. Maish, P.E., R.L.S.  
District Engineer

I concur with the above-noted recommendation.

Respectfully submitted,

Mark R. Stratton, P.E.  
General Manager