

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

**February 10, 2014**

**Approval of Change Order #1 for the Hub Well 1A Site Improvements with  
Innova Engineering for Orange Grove Road Waterline Relocations**

**Synopsis**

The Board of Directors is requested to approve Change Order #1 for the Hub Well 1A Site Improvements contract with Innova Engineering, LLC (Innova) for the purpose of establishing a new contract amount of \$445,045 in order to utilize Innova to complete the additional waterline relocations necessary on Orange Grove Road.

**Background**

Pima County's Bond funded Orange Grove Road, Camino de la Tierra to La Cholla Blvd. project required the District to relocate water lines that are in conflict with the proposed road improvements. The waterline relocation portion of these projects consisted of new 4", 6", 8", and 12" waterlines and appurtenances designed to avoid conflicts with proposed road improvements and ensure continued water distribution system service to the affected areas. Since District staff were occupied with several ongoing RTA projects the design was completed by the District's Miscellaneous Design consultant, Engineering Environmental Consultants (EEC). At the September 10, 2012 Board of Directors meeting, the District Board of Directors awarded this project to Innova in the amount of \$422,096.00. Construction was completed on April 18, 2013.

In early January 2014, Pima County's contractor for the Orange Grove Road, Camino de la Tierra to La Cholla Blvd. road improvements identified several additional areas where the existing asbestos cement (AC) pipe would have minimal cover after the required excavations are complete. In order to avoid damage to existing active waterline, District staff reviewed and designed the additional waterline replacements for these areas.

**Issues**

At the January 13, 2014 meeting, the Board was informed of this matter and that staff believed that through the City of Tucson's Cooperative Purchasing Job Order Contract that the work could be completed for about \$20,000 but further analysis was needed. Initially, it appeared that approximately 200 feet of relocation was needed but it has since been determined that approximately 700 feet needs to be relocated. Staff estimated that the required work would be around \$75,000 based on the costs of when the District initially did the waterline relocations

along Orange Grove Road. While there is pressure to complete this construction as soon as possible, staff recognized this issue needed to be brought before the Board due to the rising costs.

In order to expedite the required work to avoid any potential construction delay claims from Pima County, District staff contacted contractors on the City of Tucson's Cooperative Purchasing Job Order Contract (JOC) for Main Replacements. Two of the contractors provided cost proposals, Action Pipeline Contractors Inc. cost proposal was \$133,928 and Tricon Contracting Inc. cost proposal was \$144,600. Since those costs were higher than the District's cost estimate for the work, District staff decided to obtain a cost proposal from Innova, the District's current contractor for the Hub Well 1A Site Improvements and the contractor that had completed the previous work for the Orange Grove Rd., Camino de la Tierra to La Cholla Blvd. waterline relocations. The cost proposal received from Innova for the additional waterline relocations was \$99,640.

Funding for the additional work is available from unspent monies allocated in the FY 2013/2014 budget including the Hub 1A Treatment Media Expansion, Hub Meter Replacements, Hub 1A Sewer Connection and the Magee/La Cholla VFD Replacements which received Water Infrastructure Finance Authority (WIFA) funding approval. Reimbursement of the WIFA funding for the additional waterline relocations along Orange Grove Road, Camino de la Tierra to La Cholla Blvd. will be from monies collected for the RTA Waterline Relocation Fee.

### **Recommendation**

It is recommended that the Board of Directors approve Change Order #1 to the Hub Well 1A Site Improvements contract with Innova Engineering, LLC, which increases the contract amount by \$99,640 to complete additional waterline relocations along Orange Grove Road and establishes a new contract amount of \$445,045.

### **Suggested Motion**

I move to approve Change Order #1 to the Hub Well 1A Site Improvements contract with Innova Engineering, LLC, which increases the contract amount by \$99,640 to complete additional waterline relocations along Orange Grove Road and establishes a new contract amount of \$445,045.00.

Respectfully submitted,

I concur with the above-noted recommendation.

Respectfully submitted,

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

Joseph Olsen, P.E.  
General Manager