

AGENDA ITEM #: \_\_\_\_\_

DATE: August 19, 2019

CAR #: 2019-6692



## CITY COUNCIL ACTION REPORT

**SUBJECT:** Approve expenditure of \$1,952,368 for the Adaman Well No. 3 Equipping project.

**STAFF PRESENTER(S):** Todd Carpenter, Wastewater Superintendent  
Barbara Chappell, Deputy Public Works Director

**OTHER PRESENTER(S):** None

**Summary:** Request City Council approval of FY2020 expenditure to equip Adaman Well No. 3 utilizing Water CIP funds and water bonds.

**Recommendation:**

Approve expenditure of funds in the amount of \$1,952,368 to add a new well pump, site equipment, electrical supply, and chemical processes per approved plans and specifications for Adaman Well No. 3.

**Fiscal Impact:** The FY2020 budget includes \$4,178,900 in water capital improvement funds and water bonds for the Adaman Well No. 3 project (60004). The project budget included funding to drill a new well; however, the city successfully negotiated an agreement to lease an existing well, resulting in savings of almost \$2M. The project costs for construction services to be performed by J.R. Filanc Construction Inc. are \$1,952,368 and is within the amount planned for this final phase of the project.

### Background and Previous Actions

The city has developed water supply strategies to include partnerships with neighboring utilities. As an example of this approach, the city entered into a revised and restated agreement with Adaman Mutual Water Company in 2018. The agreement included the exclusive use of two existing wells and an additional third well that belong to Adaman and up to 4.4 MGD (million gallons per day) of groundwater from their service area. The addition of a third well will allow the city to withdraw the maximum allowable volume amount.

Adaman Well No. 3 is located at the southeast corner of the Loop 303 and Bethany Home Road. The well is drilled, and this project will allow the site to be equipped and functional in delivering water through the already constructed transmission line to Site 21.

Brown and Caldwell completed the design, and this engineering firm will provide the engineering services during the construction of this well site per contract CON 17-3838-A2.

## **Staff Analysis**

The city currently relies entirely on groundwater pumping to meet its physical water demands. An evaluation of the water distribution system, which was part of the 2016 Integrated Water Master Plan, determined that the system lacked sufficient redundancy in production, pumping, and storage capacity to meet current and future demands. The city identified several needed projects to be implemented over five years in order to meet redundancy goals. The Adaman well is one of the final projects in this plan.

Due to the complexity of the well site equipping project, the city selected to use the job order contracting delivery method. J.R. Filanc Construction, Inc. will perform the construction services for this well site per the approved specifications and plan set.

## **Attachments**

Job Order Contract