



City Council Report

Date: November 21, 2022
To: City Council
Through: Marc Heirshberg, Deputy City Manager
From: Beth Huning, City Engineer
Marc Ahlstrom, Assistant City Engineer
Subject: Water Transfer Station No. 02 Upgrades
City Project No. CP0830PS08
(Council District 5)

Purpose and Recommendation

The purpose of this report is to present the first Guaranteed Maximum Price (GMP No. 1) for the Water Transfer Station No. 02 (TS2) Upgrades project (Refer to Exhibit "A" for the project location).

GMP No. 1 includes the inspection of the existing 2.5 mile long 48-inch waterline in Brown Road that conveys water from TS2 to the Brown Road Water Treatment Plant (BRWTP). This work also includes installation of a dewatering standpipe at the intersection of Recker Road and Brown Road.

GMP No.1 is the first of three GMPs for the project. Staff recommends that Council award a contract for this GMP No. 1 to J.R. Filanc Construction, Inc. in the amount of \$766,829.96 and authorize a change order allowance of the amount in \$38,341.47 (5%).

Background

TS2 is located on Brown Road west of Power Road and transfers water between the Falcon Field (FF) service zone and the Brown Road Water Treatment Plant (BRWTP). TS2 is also used to pump water into the BRWTP reservoirs during BRWTP shutdowns, to accommodate the Central Arizona Project (CAP) canal dry-ups, maintenance, or other similar needs.

The existing electrical equipment and site configuration are outdated and in need of upgrading. Also, the water transmission main from the TS2 to BRWTP, along Brown Road, requires inspection and upgrades including an access manway and dewatering standpipe to help facilitate current and future maintenance of the pipe.

Discussion

In June of 2022, staff received one “Statement of Qualifications” (SOQ) from a contractor proposing to act as the CMAR for this project. Based on an evaluation of this SOQ, J.R. Filanc Construction, Inc., was recommended as the most qualified CMAR and was awarded a Pre-Construction Services contract. J.R. Filanc Construction, Inc. is performing pre-construction services including reviewing the design for constructability, preparing cost estimates, and developing the project schedule and phasing.

This approval is for the first of three (3) GMP’s for this project. The work included in GMP No. 1 will be constructed during the BRWTP waterline shutdown during the months of January and February 2023. The other GMP’s will be brought to Council for review and approval at future dates.

Once underway, the overall construction of this project is anticipated to last no more than 3 months.

Alternatives

An alternative to the approval of this Construction Services contract for this CMAR would be to construct this project using the traditional Design/Bid/Build (DBB) method. This is not recommended since the award of a DBB contract will not allow for the required sequencing with the inspection subcontractors and obtaining materials for the installation of the dewatering standpipe to complete the inspection.

Another alternative is to not perform the work. This is not recommended due to reliability concerns and given the critical need of this upgraded facility to reliably provide water for east Mesa residents.

Fiscal Impact

The total authorized amount recommended for this project is \$805,170.81, based upon a GMP of \$766,829.34, plus an additional \$38,341.47 (5%) as a change order allowance. This allowance will only be utilized for approved change orders.

This project is funded by Water Utility Systems Revenue Obligations.

Coordinated With

The Water Resources Department concurs with this recommendation.