



City Council Report

Date: March 20, 2023
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 second Guaranteed Maximum Price (GMP No. 2) for the Water Transfer Station No. 02 (TS2) Upgrades project (Refer to Exhibit "A" for the project location).

This is the second of multiple GMPs that will be presented to Council for approval. This GMP includes the purchase and temporary storage of equipment and materials that have long-lead times, including pumps, electrical equipment, and valves.

Staff recommends that Council award a contract to J.R. Filanc Construction, Inc. in the amount of \$1,335,375.97 (GMP No. 2) and authorize a change order allowance of the amount in \$66,768.80 (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 TS2 pump station was constructed in 1990 and has reached the end of its service life. The equipment and materials purchased with GMP No. 2 will be installed in GMP No. 3 (future).

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 second of three (3) GMP’s for this project. GMP No. 1 included the pipe inspection and installation of the dewatering standpipe. GMP No. 2 includes the pre-purchase of the long lead items which will be installed as part of GMP No. 3, during the shutdown in the winter and summer of 2024. GMP No. 3 will be brought to Council for review and approval at a future date.

Once underway, the overall construction of this project is anticipated to last no more than 15 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 due to the need of procuring materials, that have an estimated 65 week lead time (from order to delivery of the materials).

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.

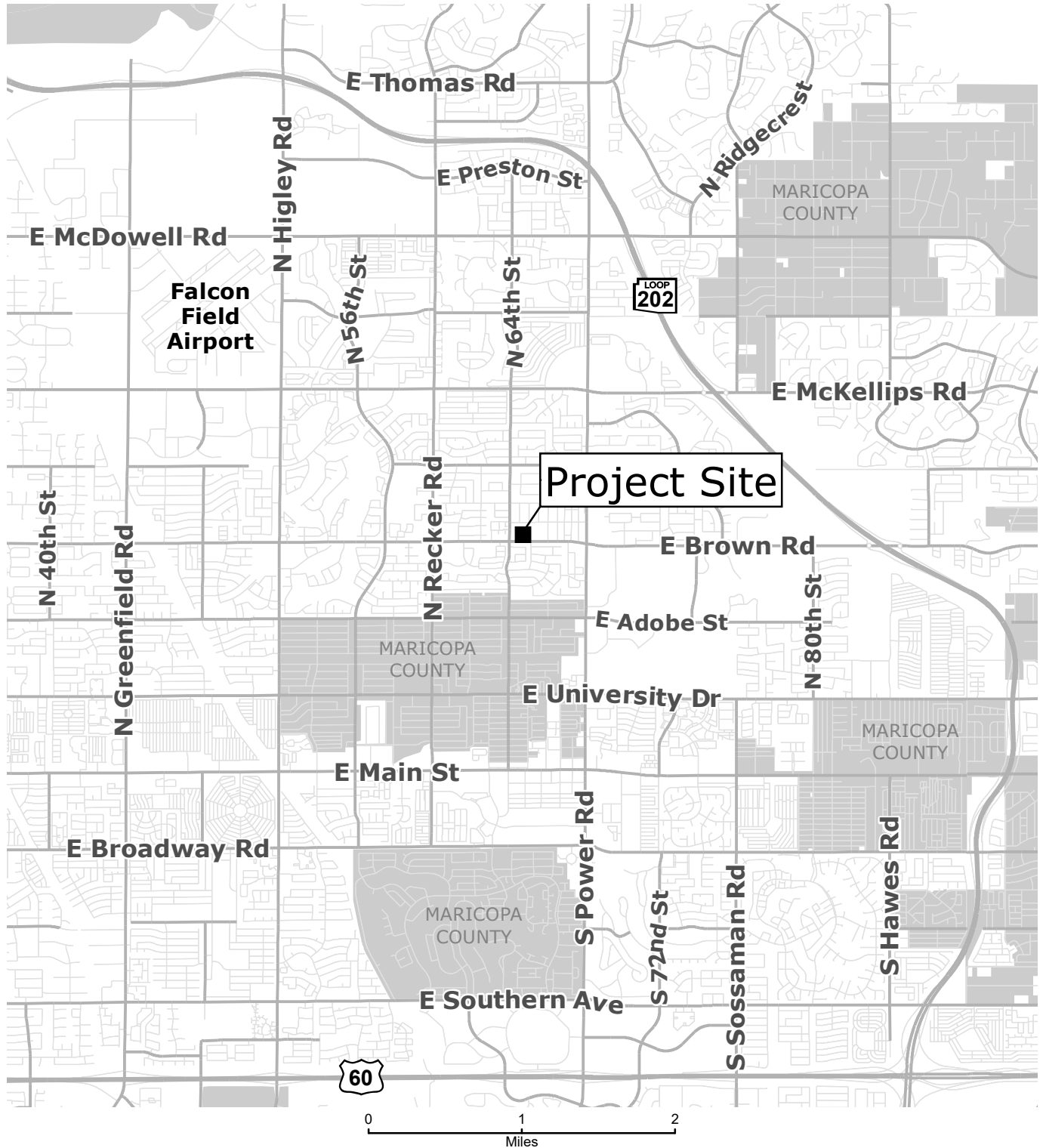
Fiscal Impact

The total authorized amount recommended for this project is \$1,402,144.77, based upon a GMP of \$1,335,375.97, plus an additional \$66,768.80 (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.



Transfer Station No. 02 Upgrades
Project Number: CP0830PS08
6450 E Brown Rd