



City Council Report

Date: April 5, 2021
To: City Council
Through: Marc Heirshberg, Deputy City Manager
From: Beth Huning, City Engineer
Rob Kidder, Assistant City Engineer
Subject: Water Meter Vault Rehabilitations - Phase 12
City Project No. CP0860P3
Council Districts 2, 3, 4, 5 and 6

Purpose and Recommendation

The purpose of this report is to provide information to the Council concerning the results of the bids received for Water Meter Vault Rehabilitations - Phase 12 (See Exhibit "A" for the project site locations).

Staff recommends that Council award a contract for this project to the lowest responsive/responsible bidder, Fishel Construction Company, in the amount of \$1,061,000, and authorize a change order allowance in the amount of \$106,100 (10%).

Background

This is an ongoing improvement project in Water Resources to replace aging commercial water meter assemblies (WMAs) that are at the end of their service life. These WMAs are currently in underground vaults and no longer meet Occupational Safety and Health Administration (OSHA) Confined Space regulations. As part of this project, new backflow prevention devices will be installed in the WMA to meet established water quality standards. Since 2007, approximately 245 of the 510 WMAs have been replaced throughout the City of Mesa.

Discussion

The project scope includes rehabilitation of fourteen (14) WMAs at nine (9) sites in the City of Mesa. The existing WMAs located in underground vaults will be removed/abandoned and re-constructed above ground. The new WMAs will range in size from a dual 2-inch assembly to a single 4-inch, 6-inch or 8-inch assembly.

Once underway, construction of this project is anticipated to last no more than 7 months.

Alternatives

An alternative to this project would be to not construct these improvements at this time. This is not recommended because the existing WMAs have met their service life and replacement parts are no longer being manufactured. These issues are causing water usage at these locations to be under measured, resulting in lost revenue to the City.

Fiscal Impact

The total authorized amount recommended for this project is \$1,167,100, based upon the lowest responsive/responsible bid of \$1,061,000, plus an additional \$106,100 (10%) as a change order allowance. This change order allowance will only be utilized for approved change orders.

This project is funded by utility funds.

Coordinated With

The Water Resources Department concurs with this recommendation.

CITY OF MESA
MESA, ARIZONA

Water Meter Vault Rehabilitations - Phase 12

PROJECT NO. CP0860P3

Tabulation of Bids Received, March 4, 2021, at 1:30 PM

ENGINEER'S ESTIMATE	\$862,707.88
1. Fishel Construction Company	\$1,061,000
2. Lincoln Constructors Inc.	\$1,121,160
3. Archer Western Construction LLC	\$1,149,250
4. Action Direct L.L.C. dba Redpoint Contracting Inc.	\$1,356,443