



City Council Report

Date: March 2, 2020
To: City Council
Through: Kari Kent, Assistant City Manager
From: Beth Huning, City Engineer
Rob Kidder, Assistant City Engineer
Subject: Cooper Road Gas Main Replacement, Arizona Farms Road to Magma Road.
City Project No. CP0224CAP
District: Town of Florence

Purpose and Recommendation

The purpose of this report is to provide information to the Council concerning the results of the bids received for Cooper Road Gas Main Replacement, Arizona Farms Road to Magma Road. (See Exhibit "A" for the project location). Staff recommends that the Council award a contract to the lowest responsible bidder, Arizona Pipeline, in the amount of \$294,623, and authorize a change order allowance in the amount of up to \$29,462 (10%).

Background

This section of gas main is one of the oldest in the City of Mesa's gas distribution system. It has a long history of required maintenance, and at present sets the limit for the maximum allowable operating pressure (MAOP) in the system. The lower MAOP has the future potential to impact service to our customers in the area, particularly as growth continues. This section of gas main has also been the subject of regulatory interest from the Arizona Corporation Commission (ACC).

Discussion

This project will replace the existing 2" and 1-1/2" gas main with a 4" gas main. The new pipe will increase the volume of natural gas that may be distributed and allow for an increase in the MAOP which will also facilitate increased service reliability. The areas that are supported by this gas main are growing and we need the increase in capacity along this corridor to help meet future demand. This project will also help improve relations with the ACC, which annually audits the City's natural gas system and operations.

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

Fiscal Impact

The total authorized amount recommended for this project is \$324,085.00, based upon the lowest responsible bid \$294,623.00 plus an additional \$29,462.00 (10%) as a change order allowance. This change order allowance will only be utilized for approved change orders.

This project is funded by 2014 authorized Gas bonds

Coordinated With

The Energy Resources Department concurs with this recommendation.

CITY OF MESA
MESA, ARIZONA

**COOPER ROAD GAS MAIN REPLACEMENT
ARIZONA FARMS ROAD TO MAGMA ROAD**

PROJECT NO. CP0224CAP

Tabulation of Bids Received, Thursday, January 23rd, 2020, at 1:00pm

ENGINEER'S ESTIMATE	\$502,255.00
1. Arizona Pipeline	\$294,623.00
2. Team Fishel	\$338,385.22
3. Northern Pipeline Construction	\$399,995.00
4. RP Companies	\$426,226.54