



City Council Report

Date: April 15, 2019
To: City Council
Through: Kari Kent, Assistant City Manager
From: Beth Huning, City Engineer
Marc Ahlstrom, Assistant City Engineer
Subject: Southern Avenue, Greenfield Road to Higley Road
Arterial Roadway Improvements
City Project No. CP0700
District 2

Purpose and Recommendation

The purpose of this report is to provide information to the Council concerning the results of the bids received for the Southern Avenue, Greenfield Road to Higley Road – Arterial Roadway Improvements Project (See Exhibit “A” for the project location).

Staff recommends that Council award a contract for this project to the lowest responsible bidder, Nesbitt Contracting Company, Inc., in the amount of \$5,571,298.15, based on the base bid and bid alternates 1 and 2, and authorize a change order allowance in the amount of \$557,130 (10%).

Background

Southern Avenue from Greenfield Road to Higley Road is an existing arterial roadway that has been planned for improvements for several years. The project will upgrade the asphalt pavement, underground utilities, American with Disabilities Act (ADA) facilities, and sidewalks along Southern Avenue. The project will also reconstruct the intersection at Southern Avenue and Higley Road, widening the west leg of the intersection and providing improved bike and pedestrian connectivity.

Discussion

This project consists of intersection improvements, increased roadway capacity, and improved utility infrastructure. The project includes building pedestrian ramp improvements, street light relocations, traffic signal relocations, and pavement reconstruction work along Southern Avenue from Greenfield Road to Higley Road. The pavement will be reconstructed using cold-in-place recycled asphalt. At Southern Avenue and Higley Road, the intersection will be widened to construct a third eastbound through

lane and provide continuous northbound and southbound bike lanes. Medians will be built at three approaches at Higley Road (the south approach currently has a median). Sidewalks will be added at various locations to provide continuous connectivity through this corridor.

The project includes gas line installation on Southern Avenue from Greenfield Road to 48th Street. This area of the City of Mesa gas system serves 1,077 active gas customers with only one source of gas supply. The single source of supply to this area complicates the performance of regular maintenance and can result in system reliability issues. The new gas line will provide a second source of supply to the area, improving redundancy, operational flexibility, and simplifying maintenance.

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

Alternatives

An alternative to this project would be to not construct these improvements. This is not recommended because the safety and capacity benefits of improving the roadway would not be realized. The current roadway condition requires extensive reoccurring maintenance and the Transportation Department maintenance program has determined this section of road is beyond its service life and is too costly to continue to provide maintenance without extensive rehabilitation.

Fiscal Impact

The total authorized amount recommended for this project is \$6,128,428.15, based upon the lowest responsible bid \$5,571,298.15, plus an additional \$557,130 (10%) as a change order allowance. This change order allowance will only be utilized for approved change orders.

This project is funded by 2013 authorized Street bonds and 2010 authorized Gas bonds.

Coordinated With

The Transportation Department and Energy Resources Department concur with this recommendation.

CITY OF MESA
MESA, ARIZONA

**Southern Avenue, Greenfield Road to Higley Road
Arterial Roadway Improvements**

PROJECT NO. CP0700

Tabulation of Bids Received, Thursday, February 28, 2019, at 1:30 pm.

ENGINEER'S ESTIMATE	\$4,634,689.90
1. Nesbitt Contracting	\$5,571,298.15
2. Blucor Contracting	\$6,980,725.89
3. J. Banicki Construction	\$5,782,266.60