



City Council Report

Date: July 1, 2019
To: City Council
Through: Kari Kent, Assistant City Manager
From: Beth Huning, City Engineer
Rob Kidder, Assistant City Engineer
Subject: Storm Water Pump Station Rehabilitations
Pump Stations No. 165 (Heritage Park) and 155 (Sherwood Park)

City Project No. CP0491P165 and CP0491P155
Council District 4

Purpose and Recommendation

The purpose of this report is to provide information to the Council concerning the results of the bids received for Storm Water Pump Station Rehabilitations, Pump Stations No. 165 and 155 (See Exhibit "A" for the project locations).

Staff recommends that Council award a contract for this project to the lowest responsible bidder, Garney Companies, Inc., in the amount of \$2,015,457.00, and authorize a change order allowance in the amount of \$201,546.00 (10%).

Background

The Transportation Department maintains thirty-four (34) storm water pump stations throughout the City. The pump stations are essential infrastructure to the City of Mesa's storm water drainage system. The Transportation Department has identified Pump Stations No. 165 (Heritage Park) and 155 (Sherwood Park) as the highest priority locations. The existing pump stations are designed to lift the storm water out of regional retention basins at Heritage Park and Sherwood Park and discharge it into the adjacent Arizona Department of Transportation (ADOT) drainage canal which parallels the US-60. Rehabilitation work at each of the pump station sites will include the installation of new pumps, wet wells, security measures, electrical upgrades, and Supervisory Control and Data Acquisition (SCADA) capabilities.

Discussion

The work for this project includes removal of the existing pump stations and construction of two (2) new pump stations located at Heritage Park and Sherwood Park

For each of the pump station sites, demolition will include the removal of the existing wet well, pumps, discharge piping and manholes, security fencing, and electrical equipment. For security measures, a new masonry wall with wrought iron fence will be placed around the perimeter of the site. Access from the existing ADOT maintenance road will also be improved. At each site, a new wet well, electrical equipment, three (3) submersible pumps (one of which will be for redundancy), and discharge piping will be installed. The new electrical improvements will allow for off-site pump monitoring and control.

Once underway, construction for the two (2) pump station sites is anticipated to last no more than 11 months.

Engineering Public Relations will be engaged to keep all residents informed of any impacts they might experience during construction efforts. Minimal impacts are expected to residents and parks.

Alternatives

An alternative to this project would be to not construct these improvements at this time. This is not recommended because it is important to maintain the City's storm drain system and the pump stations at these locations. Failure to replace these pump stations may negatively affect the City of Mesa's storm drain system in the future.

Fiscal Impact

The total authorized amount recommended for this project is \$2,217,003.00, based upon the lowest responsible bid \$2,015,457.00, plus an additional \$201,546.00 (10%) as a change order allowance. This change order allowance will only be utilized for approved change orders.

This project is funded by the FY19/20 Transportation Department Environmental Compliance Fund.

Coordinated With

The Transportation Department and Parks, Recreation and Community Facilities concurs with this recommendation.

CITY OF MESA
MESA, ARIZONA

Storm Water Pump Station Rehabilitations Pump Stations No. 165 and 155

PROJECT NO. CP0491P165 AND CP0491P155

Tabulation of Bids Received, Thursday, May 2, 2019 at 2:30 PM.

ENGINEER'S ESTIMATE	\$1,519,075.00
1. Garney Companies, Inc.	\$2,015,457.00
2. Action Direct LLC dba Redpoint Contracting	\$2,041,775.00
3. B& F Contracting, Inc.	\$2,313,445.00