



Item: Construction Contract Award: Crescent Drive and Henderson Heights Water Main Replacements, O. F. 1646

From: Engineering Division

Initiated By: Public Works Department

Presented By: Jim Rearden, Public Works Director

Action Requested: Consider Bids and Approve Contract

Suggested Motion:

1. Commissioner moves:

"I move the City Commission award a contract in the amount of \$944,880.00 to Dick Anderson Construction, Inc. for the Crescent Drive and Henderson Heights Water Main Replacements, O. F. 1646, and authorize the City Manager to execute the construction contract documents."

2. Mayor calls for a second, discussion, public comment, and calls for the vote.

Staff Recommendation: Approve construction contract award.

Background:

Significant Impacts

This project will replace and extend the water main in Crescent Drive and 10th Avenue Southwest, and replace portions of the water system located in Henderson Heights. These water mains were installed between 1976 and 1989 and have a history of failures.

Citizen Participation

This project is being completed in cooperation with the US Army Corps of Engineers, West Great Falls Flood Control and Drainage District, Montana Department of Highways (MDT), Northwestern Energy-Natural Gas Transmission, and Montana Department of Environmental Quality (DEQ).

Workload Impacts

City engineering staff designed the project and will perform construction inspection and contract administration duties.

Purpose

This project will replace water mains that have been failing with increasing frequency,

causing damage to roadways and disrupting water service to local residences. It will also loop two dead end water mains to make needed improvements to the City's water distribution system.

The water main breaks are primarily due to corrosive soils and type of pipe material used.

Project Work Scope

This project will replace approximately 4,715 lineal feet of 6-inch and 8-inch water main and install 625 lineal feet of new 8-inch water main. Replacement of 11 fire hydrants, 88 water service connections, 4,650 square yards of gravel, and 5,350 square yards of asphalt pavement is also included.

The project locations include:

- Crescent Drive from 6th Street Southwest to 10th Street Southwest
- 10th Avenue Southwest from 10th Street Southwest to Crescent Drive
- 29th Avenue Northeast from Henderson Park to 3rd Street Northeast
- 30th Avenue Northeast from Henderson Park to 3rd Street Northeast
- 3rd Street Northeast from 29th Avenue Northeast to 30th Avenue Northeast
- 5th Street Northeast from Skyline Drive to 33rd Avenue Northeast

Evaluation and Selection Process

Three bids were received and opened for this project on July 24, 2013. The bids for this project ranged from \$944,880.00 to \$1,018,875.00. Dick Anderson Construction, Inc. submitted the low bid. Dick Anderson Construction is an established responsible local contractor and has done numerous projects within the City.

Conclusion

City staff recommends awarding the contract to Dick Anderson Construction in the amount of \$944,880.00. Dick Anderson Construction has executed all the necessary documents.

Concurrences:

The US Army Corps of Engineers, MDT and DEQ have reviewed and approved the plans and specifications for this project.

Fiscal Impact:

Replacement of the water main will save on maintenance due to man hours and resources necessary to repair water main breaks and repair streets and surrounding property.

This project is being funded through the Water Capital Improvement fund.

The attached bid tabulation summarizes bids that were received.

Alternatives:

The City Commission could vote to deny award of the construction contract and re-bid the project or do nothing and repair future water main breaks as they occur.

Attachments/Exhibits:

1. Bid tabulation is attached.