



Item: Construction Contract Award: Sanitary Sewer Trenchless Rehabilitation, Phase 19, O.F. 1674.2

From: Engineering Division

Initiated By: Public Works Department

Presented By: Jim Rearden, Public Works Director

Action Requested: Consider Bid and Award Construction Contract

Suggested Motion:

1. Commissioner _____ moves:

“I move the City Commission (award/not award) a contract in the amount of \$525,436.00 to Planned and Engineered Construction Inc. (PEC) for the Sanitary Sewer Trenchless Rehabilitation, Phase 19, and authorize the City Manager to execute the construction contract documents.”

2. Mayor Kelly requests a second to the motion, Commission discussion, public comment, and calls for the vote.

Staff Recommendation: Approve construction contract award.

Background:

Significant Impacts

This project is a continuation of the ongoing rehabilitation program of sanitary sewer mains that utilizes trenchless technologies. The use of this technology greatly extends the life and reduces maintenance cost of deteriorating sewer mains without disturbing soils or structures above the main. Approximately 15,073 linear feet of sewer main, located throughout the city, is scheduled to be lined in this project.

Citizen Participation

The construction activity will have little impact on the citizens of Great Falls. The contractor is required to keep the sewer mains functioning by utilizing bypass pumping.

Workload Impacts

The Utility Division of the City's Public Works Department completed sewer main camera inspections that were used to identify and prioritize sewer mains which needed rehabilitation. City Engineering staff designed the project and will perform construction inspection and contract administration duties.

Purpose

Many of the sewer mains in Great Falls have outlasted their intended service life. Although the sewer mains are functioning, the aged lines develop pits, cracks, and holes. These defects can lead to raw sewage leaking into ground water, and also make the routine maintenance difficult.

Utilizing Cured-in-Place-Pipe (CIPP) will extend the service life and alleviate the issues stated above. Trenchless technology was chosen for this project for several reasons; including lower cost, ease of installation, greatly reduced surface disruption, and elimination of utility conflicts.

Project Work Scope

This project will rehabilitate 15,073 linear feet of 8, 9, 10, and 12-inch diameter sewer mains at forty (40) locations spread around the City. These locations are as follows:

(Under the Civic Center) Block 100	1100 Block of 3 rd Alley N
Chowen Springs Loop, Block 1600	1200 Block of 3 rd Alley N
1700 Block of 7 th Alley S	2100 Block of 2 nd Alley N
1900 Block of 7 th Alley S	3000 Block of 2 nd Alley N
1600 Block of 8 th Alley S	3100 Block of 2 nd Alley N
2100 Block of 8 th Alley S	3000 Block of 3 rd Alley N
9 th to 8 th Alley S at 17 th St. S	900 Block of 4 th Alley S
10 th to 9 th Alley S at 17 th St. S	1600 Block of Valeria Way
1600 Block of 25 th St. S	1700 Block of Valeria Way
17 th Ave. S at 35 th St. S	1500 Block of 8 th Alley S
1500 Block of Sunnyside Ave.	500 Block of 5 th St. SW
2300 Block of 13 th Alley S	1700 Block of Valeria Way
1300 Block of 1 st St. S	1500 Block of 6 th Alley NW
900 Block of 17 th Ave. S	4300 Block of Central Ave.
2300 Block of 4 th Ave. SW	4400 Block of Central Ave.
1300 Block of 3 rd Alley NW	4400 Block of Central Ave.
1300 Block of 4 th Alley NW	4500 Block of Central Ave.
1200 Block of 1 st Alley NW	0 block of 46 th St. S
700 Block of 4 th Ave. NW	100 block of 46 th St. S
700 Block of 7 th Alley N	200 block of 46 th St. S

Evaluation and Selection Process

One bid was received from PEC and opened on March 3, 2016. The bid provided by PEC was in the amount of \$525,436.00. EDK Engineering and Construction purchased plans, but did not return a bid. The bid provided by PEC was below the Engineer's Estimate of \$535,000.00.

Conclusion

City Staff recommends awarding the construction contract to Planned and Engineered Construction Inc. in the amount of \$525,436.00.

Fiscal Impact:

The attached bid tabulation summarizes the one bid that was received. This project will be funded through the Sewer Capital Fund.

Alternatives:

The City Commission could vote to deny award of the construction contract and rebid or cancel the project.

Attachments/Exhibits:

1. Bid tabulation attached.

