



**Item:** Construction Contract Award: Sanitary Sewer Trenchless Rehabilitation, Phase 18, O.F. 1674.1

**From:** Engineering Division

**Initiated By:** Public Works Department

**Presented By:** Jim Rearden, Public Works Director

**Action Requested:** Consider Bid and Award Construction Contract

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**Suggested Motion:**

1. Commissioner moves:

“I move that the City Commission award the contract in the amount of \$475,505.00 to Planned and Engineered Construction Inc. for the Sanitary Sewer Trenchless Rehabilitation, Phase 18, O.F. 1674.1, and authorize the City Manager to execute the construction contract documents.”

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

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**Staff Recommendation:** Approve construction contract award.

**Background:**

Significant Impacts

This project is a continuation of the ongoing rehabilitation program of sanitary sewer main 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 11,690 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 11,690 linear feet of 8, 9, 10, 18, 20, and 21-inch diameter sewer mains at thirty-three (33) locations spread around the City. These locations are as follows:

|   |  |
|---|--|
| 2500 Block of 4 <sup>th</sup> Alley N                   | 1800 Block of 6 <sup>th</sup> Alley S              |
| 1800 Block of 7 <sup>th</sup> Alley S                   | 1800 Block of 8 <sup>th</sup> Alley S              |
| 2600 Block of 10 <sup>th</sup> Alley S                  | 2700 Block of 10 <sup>th</sup> Alley S             |
| 7 <sup>th</sup> Ave. S and 56 <sup>th</sup> St. S       | 1900 Block of 11 <sup>th</sup> Alley S             |
| 1 <sup>st</sup> Alley SW and 15 <sup>th</sup> Street SW | 1000 Block of 8 <sup>th</sup> Alley NW             |
| 1200 Block of 4 <sup>th</sup> Alley NW                  | 1500 Block of 3 <sup>rd</sup> Alley NW             |
| 700 Block of 36 <sup>th</sup> Ave NE                    | 2700 Block of 4 <sup>th</sup> Alley N              |
| 800 Block of 1 <sup>st</sup> Alley N                    | 1100 Block of 1 <sup>st</sup> Alley N              |
| 3000 Block of 1 <sup>st</sup> Alley N                   | 3100 Block of 1 <sup>st</sup> Alley N              |
| 3200 Block of 1 <sup>st</sup> Alley N                   | 3600 Block of 3 <sup>rd</sup> Alley N              |
| 2900 Block of 1 <sup>st</sup> Alley S                   | 1 <sup>st</sup> Ave. NW and 3 <sup>rd</sup> St. NW |
| 4 <sup>th</sup> Ave. NW and 3 <sup>rd</sup> St. NW      | 3 <sup>rd</sup> Ave. NW and 3 <sup>rd</sup> St. NW |
| 1 <sup>st</sup> Alley NW and 15 <sup>th</sup> St. NW    | 1800 Block of 7 <sup>th</sup> Ave. S               |
| Culvert on Sun River Rd.                                | 1 <sup>st</sup> Ave. NW and 3 <sup>rd</sup> St. NW |
| 1 <sup>st</sup> Alley NW and 3 <sup>rd</sup> St. NW     | Federal Courthouse and 1 <sup>st</sup> Ave. NW (1) |
| 1 <sup>st</sup> Alley SW and 3 <sup>rd</sup> St. NW, SW | Federal Courthouse and 1 <sup>st</sup> Ave. NW (2) |
| Fill Station and 36 <sup>th</sup> Ave. NE               |  |

Evaluation and Selection Process

One bid was received and opened for this project on February 18, 2015.

Conclusion

City Staff recommends awarding the construction contract to Planned and Engineered Construction Inc., (PEC), in the amount of \$475,505.00.

**Concurrences:**

There are two spot repairs to be completed to fix the mains at locations where the pipe is collapsed or beyond the capabilities of trenchless lining. These repairs are to be made

before the lining of these specific mains. The construction contract for the repairs was on the contracts list for the February 17, 2015, and was approved.

**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.

CITY OF GREAT FALLS ENGINEERING  
 P.O. BOX 5021  
 GREAT FALLS, MT 59403

BID TABULATION SUMMARY

OFFICE FILE 1674.I  
 SANITARY SEWER TRENCHLESS REHAB PH. 18

BIDS TAKEN AT CIVIC CENTER

DATE: 18-FEB-15

TABULATED BY: KARI WAMBACH

|    | NAME & ADDRESS OF BIDDER  | ACKNOWLEDGE ADD. #1 | 10% BID SECURITY | CERTIFICATE OF NON-SEGREGATED FACILITIES | CERTIFICATE OF COMPLIANCE WITH INSURANCE REQ. | CERTIFICATE OF FAMILIARIZATION | TOTAL BID    |
|----|---|---------------------|------------------|--|---|--------------------------------|--------------|
| 1  | PEC, INC<br>3400 CENTENNIAL DRIVE<br>HELENA, MT 59601                   | N/A                 | √                | √  | √   | √                              | \$475,505.00 |
| 2  | INSITUFORM TECHNOLOGIES<br>580 GODDARD AVENUE<br>CHESTERFIELD, MO 63005 |                     |                  |  |   |                                | DID NOT BID  |
| 3  | SOUTHWEST PIPELINE<br>22118 SOUTH VERMONT AVENUE<br>TORRENCE, CA 90502  |                     |                  |  |   |                                | DID NOT BID  |
| 4  |   |                     |                  |  |   |                                |              |
| 5  |   |                     |                  |  |   |                                |              |
| 6  |   |                     |                  |  |   |                                |              |
| 7  |   |                     |                  |  |   |                                |              |
| 8  |   |                     |                  |  |   |                                |              |
| 9  |   |                     |                  |  |   |                                |              |
| 10 |   |                     |                  |  |   |                                |              |