



Agenda # 9

Commission Meeting Date:

January 17, 2012

CITY OF GREAT FALLS

COMMISSION AGENDA REPORT

Item: Final Payment – West Interceptor Trenchless Rehabilitation, Phase II, O.F. 1566.9

From: Engineering Division

Initiated By: Public Works Department

Presented By: Jim Rearden, Public Works Director

Action Requested: Approve Final Pay Request

Suggested Motion:

1. Commissioner moves:

"I move the City Commission approve Final Payment for the West Interceptor Trenchless Rehabilitation, Phase II, O. F. 1566.9 in the amount of \$37,327.95 to Planned and Engineered Construction, Inc. (PEC), and \$377.05 to the State Miscellaneous Tax Fund and authorize the City Manager to make the payments."

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

Staff Recommendation: Approve final payment request.

Background:

Purpose: The Sanitary Sewer Trunk Line located along Bay Drive and West Bank Park was installed in 1976 using Prestressed Concrete Cylinder Pipe (PCCP). Nation-wide, this pipe material has been found to be highly susceptible to the corrosive gases involved with raw sewage. These gases degrade the concrete and expose the metal reinforcement located inside the pipe. This corrosion previously caused a failure in a section of 30-inch force main located upstream from the gravity portion of the trunk line, causing raw sewage to undermine the road and flood the area, ultimately discharging into the river. During the repair of the upstream force main the remaining downstream portions of the sewer line were found to have concrete corrosion requiring repairs. A previous project lined the 36-inch section of the trunk main.

This project made use of the trenchless technology method for installing Cured-In-Place-Pipe (CIPP) liner into the existing pipe. Trenchless technology was chosen for this project for several reasons, including lower cost, greatly reduced bypass pumping time, ease of installation, reduced surface disruption, and elimination of utility conflicts.

Original Bid Opening Date: Two bids were received and opened for this project on July 20, 2011.

Bid Amount: PEC submitted the low bid of \$765,600.00.

Commission Award Date: The City Commission awarded the contract to PEC on August 2, 2011.

Final Payment: The final project cost is \$754,100.00 which is \$11,500.00 less than the amount that was awarded and approved. This difference was due to no additional damage or problems found in the sewer main during construction.

Project Work Scope

This project rehabilitated 2,447 linear feet of 48-inch diameter main that is located in West Bank Park. Bypass pumping was required during the entire project to allow for uninterrupted service.

Conclusion

City staff has verified that PEC has completed all work and punch list items in accordance with the plans and contract. The City can accept the project and execute the Final Payment. The project was completed within the contract time. The two year warranty period started at the time of substantial completion which was December 9, 2011.

Fiscal Impact:

This project was funded through Sewer Capital Funds.

Alternatives:

The City Commission could vote to deny Final Pay

Attachments/Exhibits:

1. Application for Final Payment is attached. (Not available online; on file in City Clerk's Office.)