



**Item:** Construction Contract Award: Sanitary Sewer Trenchless Rehabilitation, Phase 14, O. F. 1566.1

**From:** Engineering Division

**Initiated By:** Public Works Department

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

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

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**Suggested Motion:**

1. Commissioner moves:

“I move the City Commission award a contract in the amount of \$128,630.00 to Planned and Engineered Construction, Inc. for the Sanitary Sewer Trenchless Rehabilitation, Phase 14, O. F. 1566.1, and authorize the City Manager to execute the agreements.”

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

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

**Background:**

Significant Impacts

This project is a continuation of an ongoing program to rehabilitate existing sanitary sewer mains utilizing trenchless technology methods. This year’s project will rehabilitate sewer mains that have gradually deteriorated over the years. A total of 4,260 linear feet of main will receive liners, greatly extending the main’s useful life and reducing routine maintenance costs.

Workload Impacts

The Utility Division of the City’s Public Works Department completed preliminary sewer main inspections that were used to identify and prioritize which mains need rehabilitation. City engineering staff designed the project, and will perform construction inspection and contract administration duties.

### Purpose

The mains are made of vitrified clay and are past their expected useful service life. The mains have begun to crack and in some cases pieces of pipe have broken away, causing holes to form in the sewers. This causes an environmental concern and also maintenance problems in keeping the lines flowing and in proper working order.

This project will make use of the trenchless technology installation method of installing Cured-In-Place-Pipe (CIPP) liner into existing pipes. 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 4,260 linear feet of 8-inch and 9-inch diameter mains that are located in ten locations spread around the City.

### Evaluation and Selection Process

One bid was received and opened for this project on July 21, 2010. Planned and Engineered Construction, Inc. (PEC) submitted a bid of \$128,630 and executed all the necessary bid documents. The unit prices submitted are approximately 28% less expensive than unit prices received last year and overall are the lowest bid prices received within the last four years for similar work.

### Conclusion

City staff recommends awarding the construction contract to PEC in the amount of \$128,630.00. PEC has successfully completed a number of similar projects over the years.

**Fiscal Impact:** The attached bid tabulation summarizes the bid that was received. This project will be funded through Sewer Capital Funds.

**Alternatives:** The City Commission could vote to deny award of the construction contract.

### **Attachments/Exhibits:**

1. Bid tabulation is attached.

