



**AGENDA ITEM EXECUTIVE SUMMARY**

Agenda Item number: 5.i

Title: Recommendation to Award Proposal for Design Engineering for Dunham Road Force Main Replacement

Presenter: Tim Wilson

Meeting: Government Services Committee

Date: October 23, 2017

Proposed Cost: \$30,300

Budgeted Amount: \$70,000

Not Budgeted:

**Executive Summary** *(if not budgeted please explain):*

The Dunham Road Sanitary Sewer Force Main has experienced 3 pipe line breaks due to pipe corrosion over the last three years. The force main starts at Royal Fox Lift Station #2 near Muirfield Ct and runs south crossing Dunham Road to the east. The main then transitions to a gravity line in front of St Charles East High School.

A complete evaluation of the force main was conducted in August of 2016 by Crawford, Murphy and Tilly (CMT). The study listed several options for maintenance and replacement of the force main. Due to the cost and the expected life of each option, it was determine a full line replacement was the most cost efficient solution for the City. The project will abandon approximately 2,800 feet of 8” force main, currently located within the Dunham Road right-of-way. The project will run adjacent to a 12” gas main, and near a residential area. Considering the sensitivity of the location and safety factors, low disturbance construction methods will need to be explored.

In September the City conducted an RFP for the engineering design phase of this project. The City received six responses for the project. The proposals submitted were equal in scope of work and met all the criteria of the project timeline. The proposals received were as follows:

- Trotter and Associates : \$30,300
- Ruekert – Mielke : \$41,300
- Gerald Heinz & Ass. : \$45,500
- Christopher Burke : \$53,020
- CMT : \$67,790
- HR Green – Decline submittal work load issues

Upon review, Trotter and Associates submitted the lowest proposal for the design project. In addition, they have completed similar projects in comparable communities making them the most qualified for the project.

**Attachments** *(please list):*

- \* CMT- Dunham Road Force Main Evaluation August 2016
- \* Trotter and Associates Proposal
- \* Trotter and Associates Similar Projects List

**Recommendation/Suggested Action** *(briefly explain):*

Recommendation is to Award the Proposal for Design Engineering Dunham Road Force Main Replacement to Trotter and Associates for the not to exceed amount of \$30,300.