



MEMORANDUM

To: Mayor and City Council

From: Kent Collins, P.E., Director of Public Works

Date: September 11, 2018

Reference: Storm Sewer Condition Assessment

2030: Sustainable City Government, Goal 3
Excellent and Well-maintained City Infrastructure and Facilities

General Information:

- This contract is for Closed Circuit Television (CCTV) inspection of approximately 158,000 linear feet of storm drain.
- To assess the condition and identify any failures.
- Total cost of contract \$150,000.00

Introduction:

This item is to consider approval to enter into a contract with the Aims Companies for the CCTV inspection of storm sewer. The City of Coppell Public Works Department maintains approximately 120 miles of storm sewer. The majority of Coppell's infrastructure was installed in the 1990's and early 2000's with the initial development of utilities in the late 1960's and 1970's. Coppell has been fortunate that a majority of the infrastructure is relatively new and has needed very little maintenance. The older infrastructure has been repaired, replaced and/or maintained on an as needed or a reactive basis. This inspection program will assist us in prioritizing projects, maintenance schedules and replacement schedules in a more efficient manner to get the useful life of each asset. This will also allow us to be proactive to help minimize unexpected failures.

Analysis:

This contract will include the CCTV inspection of approximately 158,000 linear feet or almost 30 miles of storm drain. The Public Works Department advertised for bids for these inspection services. The quantity included in the request for bids was 75,000 linear feet (at an estimated cost of \$2 per linear foot). Three bids were received, with Aims Companies being the lowest qualified bidder with a unit cost of \$.95/linear foot. Given that the low bid unit cost was \$.95/linear foot, staff is recommending an award of approximately 158,000 linear feet to utilize the available budget of \$150,000.00. A detailed report of the condition assessment will be provided as well as an estimated

cost for repair and/or replacement. This will allow us to include the condition into our asset management program to be better utilized for prioritization of maintenance and future projects. The areas where we will perform the inspections will be based on pavement failure locations (possible indicator of storm drain failure) and by age of the infrastructure.

Legal Review:

The City of Coppel Standard Form Purchasing Agreement is being utilized for this item, which is reviewed by the City Attorney periodically.

Fiscal Impact:

The fiscal impact of this Agenda item is \$150,000.00 as budgeted from the General Fund.

Recommendation:

The Public Works Department recommends approval of this contract with Aims Companies.