

Legislation Text

File #: BILL NO. 16-178, **Version:** 1

AN ORDINANCE AUTHORIZING EXECUTION OF MODIFICATION NO. 1, RFQ NO. 2016-091 , TO AN AGREEMENT WITH BURNS AND MCDONNELL FOR PROFESSIONAL ENGINEERING SERVICES FOR SANITARY SEWER FLOW MONITORING FOR WATER UTILITIES, AN INCREASE IN FEE OF \$15,800 FOR A NEW CONTRACT AMOUNT OF \$154,940. (PWC 8-15-16)

Key Issues:

- The most recent comprehensive sanitary sewer flow monitoring in Lee's Summit was completed in 1997 and 1998.
- Since that time, the City has undertaken a rigorous repair and maintenance program on the vitrified clay pipe lines throughout the older portions of the city.
- A new flow monitoring program has begun this spring to provide information about our current flows and maintenance program results
- To better understand the flows we are seeing in system during the current flow monitoring the City has installed some of its own flow meters further up in the drainage basins.
- This contract modification is for the analysis of the data which the City is collecting via its flow meters and inclusion of that data in the report Burns and McDonnell will be writing under this contract.

Proposed City Council Motion:

FIRST MOTION: I move for a second reading of AN ORDINANCE AUTHORIZING EXECUTION OF MODIFICATION NO. 1, RFQ NO. 2016-091 , TO AN AGREEMENT WITH BURNS AND MCDONNELL FOR PROFESSIONAL ENGINEERING SERVICES FOR SANITARY SEWER FLOW MONITORING FOR WATER UTILITIES, AN INCREASE IN FEE OF \$15,800 FOR A NEW CONTRACT AMOUNT OF \$154,940.

SECOND MOTION: I move for adoption of AN ORDINANCE AUTHORIZING EXECUTION OF MODIFICATION NO. 1, RFQ NO. 2016-091 , TO AN AGREEMENT WITH BURNS AND MCDONNELL FOR PROFESSIONAL ENGINEERING SERVICES FOR SANITARY SEWER FLOW MONITORING FOR WATER UTILITIES, AN INCREASE IN FEE OF \$15,800 FOR A NEW CONTRACT AMOUNT OF \$154,940.

Background:

In mid 1990's, the City of Lee's Summit undertook a comprehensive sanitary sewer flow monitoring program across the city. The result of this program was the data that created a Wastewater Master Plan which was used

justify our expenditures on line maintenance, line rehabilitation and replacement, line upsizing, excess flow holding basin design, and other improvements.

Now with so many of the identified projects completed and improvements to the system made, we feel it is once again time to check to see where we are at. To do this, Water Utilities has initiated a limited flow monitoring program with Burns and McDonnell on the interceptor sewers in the basins where the majority of the inflow and infiltration work was completed. The current flow monitoring has given us some very good data which we can use but has also given us some questions which we need to further study. To do this the City has installed all six of its flow meters further up in the study basins on smaller lines to better isolate the flow data. This contact amendment is to have Burns and McDonnell analyze this additional data and include it in the current study.

..Presenter

Presenter: Jeff Thorn Assistant Director Lee's Summit Water Utilities

Staff Recommendation: Staff recommends approval of AN ORDINANCE AUTHORIZING EXECUTION OF MODIFICATION NO. 1, RFQ NO. 2016-091 , TO AN AGREEMENT WITH BURNS AND MCDONNELL FOR PROFESSIONAL ENGINEERING SERVICES FOR SANITARY SEWER FLOW MONITORING FOR WATER UTILITIES, AN INCREASE IN FEE OF \$15,800 FOR A NEW CONTRACT AMOUNT OF \$154,940

Committee Recommendation: The Public Works Committee voted unanimously 4-0 to recommend to City Council approval of AN ORDINANCE AUTHORIZING EXECUTION OF MODIFICATION NO. 1, RFQ NO. 2016-091 , TO AN AGREEMENT WITH BURNS AND MCDONNELL FOR PROFESSIONAL ENGINEERING SERVICES FOR SANITARY SEWER FLOW MONITORING FOR WATER UTILITIES, AN INCREASE IN FEE OF \$15,800 FOR A NEW CONTRACT AMOUNT OF \$154,940