

## Legislation Text

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**File #:** BILL NO. 18-204, **Version:** 1

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An Ordinance authorizing the execution of an engineering contract (RFQ 2019-002) by and between the City of Lee's Summit, Missouri and HDR Engineering, Inc. for the Lee's Summit Water Transmission, Large Diameter Sewers and Force Main Condition Assessment and Management Program in the amount of \$1,526,380 and authorizing the City Manager to enter into the same. (PWC 11/27/18)

Issue/Request:

Award of RFQ 2019-002 and execution of an engineering contract for the condition assessment of specified large diameter water and sewer mains in Lee's Summit.

Key Issues:

- Large Diameter lines crisscross Lee's Summit bringing water into the City and taking wastewater out of the City.
- These lines have been in operation with very few issues for the last 40 to 50 years.
- These lines are critical to the daily operations of the Utility
- It is good practice to do periodic condition assessment of infrastructure of these High Consequence lines to ensure service continues without interruption
- An RFQ was issued for the condition assessment of these High Consequence lines.
- The submittals were reviewed and HDR Engineering Inc received the highest scores for their expertise and project approach
- The attached contract was negotiated and works within the budget approved in the existing Capital Improvements Program

Proposed City Council Motion:

**FIRST MOTION:** I move for a second reading of an Ordinance authorizing the execution of an engineering contract (RFQ 2019-002) by and between the City of Lee's Summit, Missouri and HDR Engineering, Inc. for the Lee's Summit Water Transmission, Large Diameter Sewers and Force Main Condition Assessment and Management Program in the amount of \$1,526,380 and authorizing the City Manager to enter into the same.

**SECOND MOTION:** I move for adoption of an Ordinance authorizing the execution of an engineering contract (RFQ 2019-002) by and between the City of Lee's Summit, Missouri and HDR Engineering, Inc. for the Lee's Summit Water Transmission, Large Diameter Sewers and Force Main Condition Assessment and Management Program in the amount of \$1,526,380 and authorizing the City Manager to enter into the same.

**Background:**

Water Utilities has historically spent a good deal of its time and resources working on system renewal for our water distribution and sanitary sewer collection mains. This approach was taken based on break data for our distribution mains and inflow and infiltration data for our collection system. The repair, maintenance, and replacement of the smaller diameter mains will continue going forward as we work to renew our systems.

There is another set of pipes in the system which historically has needed less ongoing maintenance and repairs and those are our large diameter lines. Throughout the City these larger diameter water transmission main, sanitary sewer force mains and sanitary sewer interceptors move water into the system and wastewater out of the system. The consequence of failure of lines of this size is high both in potential property damage and potential loss of service. It is time that we perform a thorough inspection of these lines and get them on a more strenuous asset management plan. The attached contract is for an inspection and review of our larger diameter "high consequence" infrastructure.

We issued a request for qualifications for this work and received four submittals. The qualifications were reviewed and it was determined by the review committee that HDR presented the most complete qualifications with the best project approach of the four submittals.

Jeff Thorn, P.E. Assistant Director of Engineering Services, Lee's Summit Water Utilities

**Recommendation:** Staff recommends approval of an Ordinance authorizing the execution of an engineering contract (RFQ 2019-002) by and between the City of Lee's Summit, Missouri and HDR Engineering, Inc. for the Lee's Summit Water Transmission, Large Diameter Sewers and Force Main Condition Assessment and Management Program in the amount of \$1,526,380 and authorizing the City Manager to enter into the same.

**Committee Recommendation:** The Public Works Committee voted unanimously 4-0 to recommend to City Council approval of an Ordinance authorizing the execution of an engineering contract (RFQ 2019-002) by and between the City of Lee's Summit, Missouri and HDR Engineering, Inc. for the Lee's Summit Water Transmission, Large Diameter Sewers and Force Main Condition Assessment and Management Program in the amount of \$1,526,380 and authorizing the City Manager to enter into the same.