

Legislation Text

File #: BILL NO. 19-277, **Version:** 1

An Ordinance authorizing the execution of Modification No. 1 to agreement dated August 23, 2018 (RFQ No. 2018-064) for professional engineering services for Sanitary Sewer Modeling, Hydraulic Capacity and Design Services with HDR, Inc., for an increase of \$340,875.00 with an amended not to exceed amount of \$492,205.00, and authorizing the City Manager to enter into an agreement for the same. (12/2/19)

Issue/Request:

An Ordinance authorizing the execution of Modification No. 1 to agreement dated August 23, 2018 (RFQ No. 2018-064) for professional engineering services for Sanitary Sewer Modeling, Hydraulic Capacity and Design Services with HDR, Inc., for an increase of \$340,875.00 with an amended not to exceed amount of \$492,205.00, and authorizing the City Manager to enter into an agreement for the same. The modification to the scope of services will cover final design and bidding services to implement solutions identified in the original scope of services provided for RFQ No. 2018-064 to improve the interceptor which connects the downtown area to the Cedar Creek Interceptor .

Key Issues:

- The City and HDR, Inc. entered into an agreement dated August 23, 2018 (RFQ No. 2018-064) for Sanitary Sewer Modeling, Hydraulic Capacity and Design Services to evaluate the the trunk sewer from downtown to the Cedar Creek Interceptor.
- The existing downtown interceptor currently has hydraulic impairments, such as undersized pipes and adverse pipe slopes, causing portions of the trunk sewer to surcharge during heavy rain events.
- HDR's analysis indicates that improvements are required to meet the current demand and any future development in the downtown area.
- HDR completed a preliminary design establishing pipe size based on recommended alignments and slopes.
- HDR's significant previous knowledge of the project obtained during the performance of the original scope of RFQ No. 2018-064 will result in significant monetary and time savings.

Proposed City Council Motion:

FIRST MOTION: I move for a second reading of an Ordinance authorizing the execution of Modification No. 1 to agreement dated August 23, 2018 (RFQ No. 2018-064) for professional engineering services for Sanitary Sewer Modeling, Hydraulic Capacity, and Design Services with HDR, Inc., for an increase of \$340,875.00 with an amended not to exceed amount of \$492,205.00, and authorizing the City Manager to enter into an agreement for the same.

SECOND MOTION: I move for adoption of an Ordinance authorizing the execution of Modification No. 1 to agreement dated August 23, 2018 (RFQ No. 2018-064) for professional engineering services for Sanitary Sewer Modeling, Hydraulic Capacity, and Design Services with HDR, Inc., for an increase of \$340,875.00 with an amended not to exceed amount of \$492,205.00, and authorizing the City Manager to enter into an agreement

for the same.

Background:

The design of the Cedar Creek Interceptor upgrade determined that the line should be sized to carry flows which would require inflow and infiltration (I&I) reduction from upstream basins. The Downtown Trunk Line serves one of the basins upstream from the Cedar Creek Interceptor and is the first line in our system to surcharge in extreme rain events. In addition to the known issues with this line, there is development pressure in the area of downtown that this line serves to increase density with potential apartments and commercial property. Improving the Downtown Trunk Line will reduce I&I and increase capacity for densification of the downtown basin served by the interceptor.

Impact/Analysis:

This agreement will allow HDR to develop plans and bidding documents for the Downtown Interceptor Project. HDR's familiarity with the project will allow them to perform the work at a lower cost than other firms due to the amount of preliminary work performed under the original scope of services for RFQ No. 2018-064. Much of this work would have to be repeated if a different Professional Engineer were brought on board, resulting in increased costs and time to complete the project.

Timeline:

Construction Spring 2021 - Dec 2021

Mark Schaufler, Director of Water Utilities

Recommendation: Staff recommends approval of an Ordinance authorizing the execution of Modification No. 1 to agreement dated August 23, 2018 (RFQ No. 2018-064) for professional engineering services for Sanitary Sewer Modeling, Hydraulic Capacity and Design Services with HDR, Inc., for an increase of \$340,875.00 with an amended not to exceed amount of \$492,205.00, and authorizing the City Manager to enter into an agreement for 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 Modification No. 1 to agreement dated August 23, 2018 (RFQ No. 2018-064) for professional engineering services for Sanitary Sewer Modeling, Hydraulic Capacity, and Design Services with HDR, Inc., for an increase of \$340,875.00 with an amended not to exceed amount of \$492,205.00, and authorizing the City Manager to enter into an agreement for the same.