

Legislation Text

File #: BILL NO. 20-173, **Version:** 1

An Ordinance approving Modification No. 1 to an Agreement dated July 16, 2019 (RFQ No. 543-32272B) for Professional Engineering Services for Stormwater - SE Hackamore Drive & SE Secretariat Drive by and between the City of Lee's Summit, Missouri, and Intuition & Logic Inc., for an increase of \$179,867.00 with an amended not to exceed amount of \$259,644.20, and authorizing the City Manager to execute an agreement for the same. (PWC 9/16/20)

Issue/Request:

An Ordinance approving Modification No. 1 to an Agreement dated July 16, 2019 (RFQ No. 543-32272B) for Professional Engineering Services for Stormwater - SE Hackamore Drive & SE Secretariat Drive by and between the City of Lee's Summit, Missouri, and Intuition & Logic Inc., for an increase of \$179,867.00 with an amended not to exceed amount of \$259,644.20, and authorizing the City Manager to execute an agreement for the same.

Key Issues:

- This project is funded from the Capital Projects Sales Tax Fund (322) which was approved by the voters in April 2017.
- The City and Intuition & Logic, Inc. entered into an agreement to address structural flooding of properties along SE Hackamore Drive and SE Secretariat Drive.
- Following the Engineer's completion of conceptual studies, the City desires for the Engineer to proceed with the project design described in this contract modification to complete the stormwater project

Proposed City Council Motion:

FIRST MOTION: I move for a second reading of an Ordinance approving Modification No. 1 to an Agreement dated July 16, 2019 (RFQ No. 543-32272B) for Professional Engineering Services for Stormwater - SE Hackamore Drive & SE Secretariat Drive by and between the City of Lee's Summit, Missouri, and Intuition & Logic Inc., for an increase of \$179,867.00 with an amended not to exceed amount of \$259,644.20, and authorizing the City Manager to execute an agreement for the same.

SECOND MOTION: I move for adoption of an Ordinance approving Modification No. 1 to an Agreement dated July 16, 2019 (RFQ No. 543-32272B) for Professional Engineering Services for Stormwater - SE Hackamore Drive & SE Secretariat Drive by and between the City of Lee's Summit, Missouri, and Intuition & Logic Inc., for an increase of \$179,867.00 with an amended not to exceed amount of \$259,644.20, and authorizing the City Manager to execute an agreement for the same.

Background:

Voters approved a 2007 Bond Issue and 2017 Capital Improvement Project (CIP) Sales tax to fund stormwater improvements intended to mitigate flooding of occupied structures. Projects were first verified in writing by the property owner and tenants. These written letters certified that the occupied structures flooded, and that the residents or owners wanted the problem addressed. City staff then evaluated the project so see if the flooding was caused by failed public infrastructure or a lack of public infrastructure that is commonly found in older neighborhoods built before 2008. Residential properties along SE Hackamore Drive and SE Secretariat Drive meet these conditions, so this stormwater project was initiated to mitigate flooding issues.

Unique elements of this project include a fairly sizeable stream, forced walkout-walkup structures, and significant amounts of undeveloped property upstream from the homes the flood. Intuition & Logic, Inc. was contracted as the Engineer to evaluate potential concepts to resolve the issue. These ranges from the low end of buying out the affected properties to a more holistic approach of evaluating the entire watershed to limit the risk of additional flooding on other properties, or “re-flooding” the affected properties, that could be caused by future development of the large agricultural tracts of land.

The stream itself is mapped by FEMA as floodway draining into Lake Winnebago. Pursuing the more holistic watershed-based approach to managing stormwater, Intuition & Logic completed a preliminary design of three regional detention basins that will lower the elevation of the Base Flood Elevation in the areas mapped as special flood hazards by FEMA. Lowering the floodwater levels will mitigate the existing flooding issues and reduce the risk of future flooding as land is developed upstream.

Upon completion of this conceptual study to evaluate options, the next step is to begin design for the option selected. This contract modification authorizes the Engineer to proceed with designing three regional detention basins outlined in the concept study. The scope and fees of this modification include design development, permitting, preparation of plans, specifications and contract documents for use in bidding and construction the project.

Impact/Analysis:

Not approving the modification will either end the project or re-direct the project to property buyout of the homes that flood.

Timeline:

Construction: Fall 2021

Michael Anderson, Interim Director of Public Works

Recommendation: Staff recommends approval.

The Public Works Committee voted unanimously 4-0 to recommend to City Council approval of an Ordinance approving Modification No. 1 to an Agreement dated July 16, 2019 (RFQ No. 543-32272B) for Professional

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