

## Legislation Details (With Text)

<b>File #:</b>	BILL NO. 18-27	<b>Name:</b>	
<b>Type:</b>	Ordinance	<b>Status:</b>	Agenda Ready
<b>File created:</b>	12/8/2017	<b>In control:</b>	City Council - Regular Session
<b>On agenda:</b>	2/15/2018	<b>Final action:</b>	
<b>Title:</b>	AN ORDINANCE AUTHORIZING THE EXECUTION OF AN AGREEMENT BY AND BETWEEN THE CITY OF LEE'S SUMMIT, MISSOURI, AND ALLGEIER MARTIN AND ASSOCIATES, INC., IN AN AMOUNT NOT TO EXCEED \$165,000.00 FOR PROFESSIONAL ENGINEERING SERVICES FOR THE FOUR STREAMBANK STABILIZATION/STORMWATER MANAGEMENT PROJECTS (RFQ NO. 2018-301). (PWC 1/16/18)		

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** 1. Ordinance, 2. Map Locations, 3. Agreement

Date	Ver.	Action By	Action	Result
2/15/2018	1	City Council - Regular Session	for second reading	Pass
2/15/2018	1	City Council - Regular Session	adopted and numbered	Pass
1/16/2018	1	Public Works Committee	recommended for approval	Pass

AN ORDINANCE AUTHORIZING THE EXECUTION OF AN AGREEMENT BY AND BETWEEN THE CITY OF LEE'S SUMMIT, MISSOURI, AND ALLGEIER MARTIN AND ASSOCIATES, INC., IN AN AMOUNT NOT TO EXCEED \$165,000.00 FOR PROFESSIONAL ENGINEERING SERVICES FOR THE FOUR STREAMBANK STABILIZATION/STORMWATER MANAGEMENT PROJECTS (RFQ NO. 2018-301). (PWC 1/16/18)

Issue/Request:

AN ORDINANCE AUTHORIZING THE EXECUTION OF AN AGREEMENT BY AND BETWEEN THE CITY OF LEE'S SUMMIT, MISSOURI, AND ALLGEIER MARTIN AND ASSOCIATES, INC., IN AN AMOUNT NOT TO EXCEED \$165,000.00 FOR PROFESSIONAL ENGINEERING SERVICES FOR THE FOUR STREAMBANK STABILIZATION/STORMWATER MANAGEMENT PROJECTS (RFQ NO. 2018-301).

Key Issues:

- Staff has identified four (4) locations in the City where stream bank erosion is threatening damage to roadway infrastructure.
- These projects are funded from the Capital Projects Sales Tax Fund (322) that was approved by the voters in April 2017 and becomes effective April 1, 2018.
- City Staff Issued RFQ No. 2018-301 to conduct a Qualification Based Selection for professional engineering services, in accordance with state statutes and local procurement policy.
- Allgeier Martin and Associates, Inc. was selected for the project and satisfactorily conducted

negotiations for scope and fee with City Staff.

Proposed City Council Motion:

FIRST MOTION: I move for a second reading of AN ORDINANCE AUTHORIZING THE EXECUTION OF AN AGREEMENT BY AND BETWEEN THE CITY OF LEE'S SUMMIT, MISSOURI, AND ALLGEIER MARTIN AND ASSOCIATES, INC., IN AN AMOUNT NOT TO EXCEED \$165,000.00 FOR PROFESSIONAL ENGINEERING SERVICES FOR THE FOUR STREAMBANK STABILIZATION/STORMWATER MANAGEMENT PROJECTS (RFQ NO. 2018-301).

SECOND MOTION: I move for adoption of AN ORDINANCE AUTHORIZING THE EXECUTION OF AN AGREEMENT BY AND BETWEEN THE CITY OF LEE'S SUMMIT, MISSOURI, AND ALLGEIER MARTIN AND ASSOCIATES, INC., IN AN AMOUNT NOT TO EXCEED \$165,000.00 FOR PROFESSIONAL ENGINEERING SERVICES FOR THE FOUR STREAMBANK STABILIZATION/STORMWATER MANAGEMENT PROJECTS (RFQ NO. 2018-301).

Background:

The primary reason for these projects is to design effective stabilization measures to protect the existing roadway infrastructure in four locations within the City.

**NE BRISTOL DRIVE**

The project will improve the unnamed stream running under NE Bristol Drive near NE Concord Street. Recently, the centerline of the stream has begun to shift southward upstream of the crossing at NE Bristol Drive, causing the existing culvert wing wall to collapse. Temporary gabions will be installed to protect the exposed roadway embankment, but the long term solution will require more significant work upstream. This project is intended to improve the stream running under Bristol Drive in such a way as to assure the long term integrity of Bristol Drive by protecting it from any undercutting or other degradation resulting from stream flows. As an added benefit, the work will also stabilize streambank erosion that is affecting a nearby house.

**NE DOUGLAS STREET**

Severe erosion along approximately 150 feet of NE Douglas Street is threatening to undermine the roadway leading into Lee's Summit Municipal Airport. A stormwater conveyance system, that will ensure the continued stability of the road pavement while conveying stormwater flows originating from the airport, is required. Minor stream improvements to the receiving stream west of NE Douglas Street may also be required. 2612 NE Douglas Street is the nearest address.

**SE 2<sup>ND</sup> STREET**

The stream which runs along the north side of SE 2<sup>nd</sup> Street, approximately 250 feet west of SE Independence Avenue is meandering towards 2<sup>nd</sup> Street, threatening the sidewalk and roadway. Streambank stabilization efforts are needed to protect 2<sup>nd</sup> street and the adjacent sidewalk.

**SW 3<sup>RD</sup> STREET**

This project will determine the best method to stabilize a slope on the north side of 3rd Street that is failing and endangering existing infrastructure. A global slope failure at this location would close 3<sup>rd</sup> Street between SW Winterpark Blvd. and SW Forestpark Blvd. and the resulting closure of 3<sup>rd</sup> Street would be for an extended period of time. Such a closure would also require extensive and costly emergency repair work to re-open 3<sup>rd</sup> Street. A box culvert is located beneath the roadway at this location, the culvert is being undermined and stormwater is eroding the base of the slope. Work will most likely include reconstructing the slope, erosion protection along the slope, stabilizing the culvert foundation, extension of the box culvert, and Corps of Engineer permitting.

Impact/Analysis:

Proposed improvements will provide long-term protection for the roadways near streams by improving slope stability and streambank stability.

Timeline:

Start Design: Early 2018

Finish Design: Fall 2018

Construct: late 2018 through 2019

Other Information/Unique Characteristics:

RFQ No. 2018-301 was publicly advertised starting October 27th, 2017. The RFQ was advertised using the City's web site and [www.PublicPurchase.com](http://www.PublicPurchase.com) to notify potential vendors. 58 potential vendors viewed the RFQ, and 9 firms submitted responsive qualification submittals by the November 17, 2017 closing date. The selection committee recognized that the Allgeier Martin and Associates, Inc. RFQ submittal demonstrated superior qualifications and no interviews were necessary.

Presenter: Dave Lohe, Supervisory Engineer

Recommendation: Staff recommends approval of AN ORDINANCE AUTHORIZING THE EXECUTION OF AN AGREEMENT BY AND BETWEEN THE CITY OF LEE'S SUMMIT, MISSOURI, AND ALLGEIER MARTIN AND ASSOCIATES, INC., IN AN AMOUNT NOT TO EXCEED \$165,000.00 FOR PROFESSIONAL ENGINEERING SERVICES FOR THE FOUR STREAMBANK STABILIZATION/STORMWATER MANAGEMENT PROJECTS (RFQ NO. 2018-301).

Committee Recommendation: The Public Works Committee voted 3-1 (Mayor Pro Temp Binney "No") to recommend to City Council approval of AN ORDINANCE AUTHORIZING THE EXECUTION OF AN AGREEMENT BY AND BETWEEN THE CITY OF LEE'S SUMMIT, MISSOURI, AND ALLGEIER MARTIN AND ASSOCIATES, INC., IN AN AMOUNT NOT TO EXCEED \$165,000.00 FOR PROFESSIONAL ENGINEERING SERVICES FOR THE FOUR STREAMBANK STABILIZATION/STORMWATER MANAGEMENT PROJECTS (RFQ NO. 2018-301).