

Legislation Text

File #: BILL NO. 17-37, **Version:** 1

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 THE AMOUNT OF \$253,290 FOR PROFESSIONAL ENGINEERING SERVICES FOR SE 5TH TERRACE ROADWAY STREAM CROSSING AND FEMA MAP REVISIONS. (RFQ. NO. 2017-305-C) (PWC 1/30/17)

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 THE AMOUNT OF \$253,290 FOR PROFESSIONAL ENGINEERING SERVICES FOR SE 5TH TERRACE ROADWAY STREAM CROSSING AND FEMA MAP REVISIONS. (RFQ. NO. 2017-305-C)

Key Issues:

- The SE 5th Terrace project was authorized by Council in February 2016 and then formally approved in June 2016 as part of FY 2017 Capital Improvement Plan (CIP)
- City Staff Issue RFQ No. 2017-305 to conduct a Qualification Based Selection for professional engineering services, in accordance with state statutes and local procurement policies
- 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 THE AMOUNT OF \$253,290 FOR PROFESSIONAL ENGINEERING SERVICES FOR SE 5TH TERRACE ROADWAY STREAM CROSSING AND FEMA MAP REVISIONS. (RFQ. NO. 2017-305-C)

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 THE AMOUNT OF \$253,290 FOR PROFESSIONAL ENGINEERING SERVICES FOR SE 5TH TERRACE ROADWAY STREAM CROSSING AND FEMA MAP REVISIONS. (RFQ. NO. 2017-305-C)

Background:

In February 2016 City Council approved the construction of Commerce Drive using the savings from the CIP Sales Tax Renewal fund. The work will construct approximately 250 feet of SE 5th Terrace between Country Lane and Greenridge as shown in the City's 2006 and 2016 Thoroughfare Master Plan documents. The preliminary budget for the project of \$955,000 was authorized when the FY 2017 CIP was recommended for approval by the Planning Commission and then adopted by Council Resolution.

Primary reasons for this roadway extension are to improve emergency access, traffic operations, and infrastructure redundancy. The 250-foot roadway extension is located within existing right-of way that was platted when adjacent subdivisions were developed. When the subdivisions were built, neither developer was required to build a bridge across the stream to complete the road network. SE 5th Terrace to SE Bordner Drive

is an existing gap in City of Lee's Summit street network which will connect two residential areas and provide access between Prairie View Elementary School to Miller J. Fields Park.

The work consists mostly of constructing a bridge across the Tributary A2 to the East Fork of the Little Blue River. The stream is a designated floodway and a "blue line" on the map, so it will be subject to several state and federal permit reviews. This project will also include a connection of two dead end waterlines creating redundancy in the COLS water system and temporary construction easement acquisition.

Allgeier Martin and Associates Inc. was selected for this projects because of demonstrated expertise in floodplain modeling and water resources engineering capacities. Also included in this contract, as an optional service, is FEMA mapping along tributary the East Fork of Little Blue River.

The current floodway map is known to be incorrect because the bridge over the stream at Langsford was rebuilt in 2008 as part of the Langsford Road reconstruction. At the time of the Langsford Road construction, the floodway was not remapped because the bridge was built under a "no-rise" condition. The old floodway map was left unchanged which shows the stream overtops Langsford Road. Knowing that the new culvert was larger than the older bridge, and that Langsford Road has not been flooded, staff requested FEMA to revise the model prior to January 20, 2017 flood map issuance. FEMA denied the request.

Stream modeling should prove that Langsford Road does not flood, which will be beneficial to emergency response, access to Fire Station No. 6, and street closure plans during significant rain events. The mapping will also encompass road crossings at SE Battery Point and SE 3rd Street. These two streets are known to flood during significant rain events, but the existing FEMA map stops at 3rd Street and shows no overtopping. These items are known to be incorrect, so the mapping was included to more accurately reflect current impacts to traffic and program future bridge improvements.

The optional services for mapping work will be funded from the permanent transportation sales tax fund. In the past, Public Works has normally done the mapping work with bridge projects that used Transportation Fund Money. Examples include the Murray Road Bridge and bridges along Scruggs Road. Normally, if there will be changes to the FEMA special flood hazard areas on road projects, the maps are updated as part of the project. There is an opportunity, coupled with available funding, to correct the mapping at this time.

Timeline:

Start: Spring 2017

Finish: Fall 2018

Other Information/Unique Characteristics:

RFQ No. 2017-305 was publicly advertised starting October 20th, 2016. The RFQ combined 3 small projects, NW Commerce Drive, NE Gateway Drive and SE 5th Terrace in the submittal. The RFQ was advertised using the City's web site and www.PublicPurchase.com to notify potential vendors. 39 potential vendors viewed the RFQ, and 12 firms submitted responsive qualification submittals by the November 14, 2016 closing date. Based on the relatively small size and scope of the work, firms were selected based on submittals and no interviews were conducted. From that list of 12, three firms were selected, with a firm assigned to each project. *Walter P. Moore Inc.* was selected for NW Commerce Drive, *Garver LLC* was selected for NE Gateway, and Allgeier, Martin and Associates Inc. was selected for SE 5th Terrace.

Presenter: Scott Edgar, Senior Staff Engineer, Public Works Department

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 THE AMOUNT OF \$253,290 FOR PROFESSIONAL ENGINEERING SERVICES FOR SE 5TH TERRACE ROADWAY STREAM CROSSING AND FEMA MAP REVISIONS. (RFQ. NO. 2017-305-C)

The Public Works Committee voted unanimously 3-0 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 THE AMOUNT OF \$253,290 FOR PROFESSIONAL ENGINEERING SERVICES FOR SE 5TH TERRACE ROADWAY STREAM CROSSING AND FEMA MAP REVISIONS. (RFQ. NO. 2017-305-C)