

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date:	September 12, 2016
	Agenda Item No.	10
	Roll Call No.	<u>16-1487</u>
	Communication No.	<u>16-502</u>
	Submitted by:	Jonathan A. Gano, P.E., Public Works Director, and Pamela S. Cooksey, P.E., City Engineer

AGENDA HEADING:

Approving Professional Services Agreement with River Research and Design, Inc. for construction and design phase services for 2016 Stream Bank Restoration, not to exceed \$30,000.

SYNOPSIS:

Recommend approval of the Professional Services Agreement with River Research and Design, Inc., Dave Derrick, Vice President, 310 White Wolf Drive, Vicksburg, MS, 39183, for a total cost not to exceed \$30,000, based on hourly rates, to provide professional services for 2016 Stream Bank Restoration construction and design phase services.

FISCAL IMPACT:

Amount: \$30,000

Funding Source: 2016-2017 CIP, Page Storm-10, Levee Maintenance and Improvements, SM134, Storm Revenue Bonds

ADDITIONAL INFORMATION:

Mr. David Derrick, River Research and Design, Inc., is a nationally recognized leader in stream bank restoration and has led design and construction projects for various agencies across the country for several years. In 2015, Mr. Derrick was consulted to aid in the design of three (3) locations along Walnut Creek and Four Mile Creek where bank erosion was impacting public trail and levee infrastructure. Mr. Derrick also evaluated and assisted in a design to address the Raccoon River bank erosion adjacent to the Grays Lake trail system for a future construction stabilization project.

Public Works and Parks and Recreation Department staff will be installing bank stabilization measures this fall at the three (3) locations along Walnut Creek and Four Mile Creek. Mr. Derrick will be assisting City crews to ensure functional operation of the stream bank site restorations while being constructed by staff. Mr. Derrick will also observe other bank erosion locations impacting infrastructure and assist with design work for future stream bank restoration projects.

River Research and Design, Inc. was selected based on:

- Mr. Derrick's previous experience consulting to the City of Des Moines on streambank stabilization projects.
- Mr. Derrick's experience working for the City of Clive on streambank stabilization projects.
- Mr. Derrick's nationally known expertise in environmentally compatible, cost-effective approaches and methodologies for design of river and streambank stabilization and riparian corridor restoration projects.
- Mr. Derrick's provided training on streambank stabilization practices as an instructor for recent local workshops put on by the Iowa Storm Water Education Partnership.

Staff recommends approval of the Professional Services Agreement for construction and design phase services with River Research and Design, Inc.

PREVIOUS COUNCIL ACTION(S): NONE

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

City staff do not anticipate any future Council actions at this time; however, unanticipated changes to this Professional Services Agreement will require a Supplemental Agreement which may require Council action.

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