

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date:	October 8, 2012
	Agenda Item No.	9
	Roll Call No.	<u>12-1545</u>
	Communication No.	<u>Council Communication: 12- 525</u>
	Submitted by:	Jeb E. Brewer, P.E. City Engineer

AGENDA HEADING:

Approving Professional Services Agreement with Stantec Consulting Services Inc. for professional services in connection with the Hydraulic Modeling Coordination, not to exceed \$250,000.

SYNOPSIS:

Recommend approval of the Professional Services Agreement with Stantec Consulting Services Inc, Robert J. Campbell, Principal, 1859 Bowles Avenue, Suite 250, St. Louis, Missouri 63026, for a total cost not to exceed \$250,000, based on hourly rates, to provide professional services for the Hydraulic Modeling Coordination.

FISCAL IMPACT:

Amount: \$250,000

Funding Source: 2012-2013 CIP, Page Storm Water Improvements - 9, STE087, Des Moines River Flood Mitigation Improvements, Storm Revenue Bonds.

ADDITIONAL INFORMATION:

On January 19, 2011, the Corps of Engineers released the Des Moines River Regulated Flow Frequency Study that identified changes in the expected river levels. In response to this information, the City entered into a professional services agreement with Stantec Consulting Services Inc., to review the Corps of Engineer study and hydraulic model and identify possible ways to modify levees, reduce restrictions or modify reservoir operations in order to mitigate potential higher river levels. The final report with recommendations was finalized and presented on January 9, 2012 at the City Council workshop.

The City’s Capital Improvement Program includes funding for the recommended projects. In developing the recommended projects, staff identified the need for professional services to ensure the hydraulic modeling is performed consistently and the requirements of the Corps of Engineers and Federal Emergency Management Agency (FEMA) are fully incorporated into each proposed project. The analysis will be for such projects as raising the levees on both sides of the Des Moines River, floodwall improvements, channel modifications near the old Union Pacific Railroad Bridge, and channel modifications near the U.S. 65 bypass.

Stantec Consulting Services was previously selected over other consultants based on their past project

and levee experience, technical expertise, and analytical approach. Stantec Consulting Services was again selected to provide Hydraulic Modeling Coordination because of their performance in developing recommendations for the City and profound knowledge of hydraulic modeling. The work will be performed in three phases, including: Planning, Program Management and Implementation, and Certification. This agreement includes the first phase and selected components of the second phase. The remaining work is anticipated to be accomplished as separate scope of services through future supplemental agreements.

PREVIOUS COUNCIL ACTION(S):

Date: February 13, 2012

Roll Call Number: [12-0166](#) & [12-0167](#)

Action: [Approving](#) Professional Services Agreements with the following: (A) [AECOM](#) Technical Services, Inc. (Steven J. Eaton, Principal-in-Charge) for design services for the Des Moines River DM-3 Levee Raise, not to exceed \$216,000. ([Council Communication No. 12-070](#)) Moved by Hensley to adopt. Motion Carried 7-0. (B) [Stanley](#) Consultants, Inc. (Gayle Roberts, President) for the Des Moines Union Railway Bridge Feasibility, not to exceed \$56,300. ([Council Communication No. 12-067](#)). Moved by Hensley to adopt. Motion Carried 7-0.

Date: March 28, 2011

Roll Call Number: [11-0554](#)

Action: [Professional](#) Services Agreement with Stantec Consulting Services, Inc. (Robert J. Campbell, Principal) in connection with the Des Moines River Flow Frequency Analysis, not to exceed \$51,000. ([Council Communication No. 11-177](#)). Moved by Moore to adopt. Motion Carried 7-0.

Date: February 14, 2011

Roll Call Number: [11-0222](#)

Action: [Approving](#) retention of Husch Blackwell LLP to provide advice and representation on levee system issues. Moved by Hensley to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Design and construction of recommended improvements and additional professional services required to reduce flood risk and obtain certification.

Clerk's Office on Thursday afternoon preceding Monday's Council meeting. Citizens can also request to receive meeting notices and agendas by email by calling the Clerk's Office or sending their request via email to cityclerk@dmgov.org.