

CONTRACT



Ordinance Fact Sheet

Amendment Form

Brief Title	Approval Deadline	Reason
Authorizing an Amendment No. 4 to the		To authorize execution and expenditures of a Design Professional
Design Professional Services contract		Services contract amendment.
for the Twin Creeks Storm Risk/Needs		
Assessment for Planning and Development		
Assistance project.		

Details

Reason for Contract
 This proposed ordinance is needed in order to amend the Twin Creeks Storm Risk/Needs Assessment for Planning and Development Assistance design professional services contract to update the hydraulic models to the most current available version, finalize the planning portal that will help facilitate and advance mitigation strategies, and to develop a comprehensive final report of the study findings.

Discussion

Project Justification
 The Water Services Department (WSD) undertook the project to utilize a science-based methodology to define and help establish watershed goals based upon the volume of flow, rate of flow, and other stream or watershed characteristics. These science-based methodologies will preserve healthy stream flow dynamics and protect and preserve neighboring assets and assist in better assessment of development impacts, risks and options.

Contract Summary/Project Description
 The City Manager approved a solicitation waiver for this project on May 14, 2015 under Code of Ordinance Section 3-7(2)(a)(c)(d) under Ordinance No. 150447. The City obtained funding from the Federal Emergency Management Agency (FEMA), which had been encumbered into State Emergency Management Agency (SEMA) contracts specifically called out for City use. To use these funds, the City needed to use SEMA's contract and contractor via a separate City contract detailing the City's specific needs that align with flood risk identification and mitigation goals of FEMA and SEMA.

The City entered into a \$276,561.00 contract with Wood Environment & Infrastructure Solutions, Inc. (formerly known as Amec Foster Wheeler Environment & Infrastructure, Inc.) on July 16, 2015 for the Twin Creeks Storm Risk/Needs Assessment for Planning and Development Assistance project.

This scope of services entailed extension of hydrology upstream of the FEMA floodplain limits to a 1 acre drainage limit and perform hydraulics to the upstream extent of the City of Kansas City, Missouri's historical watershed studies. Where the City's hydraulic modeling stops, a third form of hydraulic modeling was developed using GIS (Geographic Information Systems), LiDAR (Laser imaging Detection and Ranging), and automated methods with limited use of as-builts made available by the City to the point that no defined stream channel exists, generally believed to reach a drainage area size of 1 to 8 acres. At the point that stream channels dissipate a switch to hydrology only upstream will occur and this boundary will be the endpoint for all Risk Map based products. Non-regulatory Risk Map products will be produced in all areas of hydraulic analysis.

Roles and Responsibilities

Sponsor	Water Services Department
Department or Programs	
Affected	Water Services Department
Recommended Awardee	Wood Environment & Infrastructure Solutions, Inc.
Contract Compliance Certification Obtained?	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
Opponents	Groups or Individuals None known Reason for Opposition
Responsibilities	Design Engineering: Wood Environment & Infrastructure Solutions, Inc. Inspections: Construction or Project Management: Service Monitoring:

Policy/Program Impact

Policy or Program Emphasis Change	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Operational Impact Assessment	

Details

An \$99,993.00 Amendment No. 1 was executed on November 9, 2016 to add additional services to the contract.

A no-cost Amendment No. 2 was executed on December 23, 2016 to modify the method of payment to the contract.

A no-cost Amendment No. 3 was executed on March 31, 2020 to add additional and modified services to the contract.

In this proposed \$248,262.00 Amendment No. 4, the consultant shall use Phase 1 to develop an ArcGIS Online system providing geospatial analysis of surface hydrology, surface flood risks, erosive and stream risks to raster grid for native and existing conditions. This work will allow input of an area or boundary and will output the selected geospatial products for that area. The scope will include completion of CLOMR/LOMR processes for the Twin Creeks watersheds with approval from FEMA. The consultant will develop a portal to help facilitate and mitigate action strategies within watersheds.

Contract Cost Summary

Original Contract:	\$276,561.00
Amendment No. 1:	\$99,993.00
Amendment No. 2:	\$0.00
Amendment No. 3:	\$0.00
<u>Proposed Amendment No. 4:</u>	<u>\$248,262.00</u>
Total:	\$624,816.00

Human Relations Approval

The Human Relations Department approved a waiver of MBE/WBE goals on this project on September 12, 2016.

Grant Funding

N/A

Is it good for the children? Yes.

How will this contribute to a sustainable Kansas City?

The Planning Portal will be designed to help communicate required actions in response to proposed changes to prevent increased risk within the watershed.

Estimated Duration of Contract:

complete by October 1, 2022

Fact Sheet Prepared by:

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Contracts Manager

Date:

6/28/2021

Reviewed by:

D. Matt Bond
Deputy Director

Date:

7/12/2021

Reference Numbers:

Contract No. 322, Amendment No. 4
Project No. 82000225

Finances

City's Estimate of Cost	\$ 248,262.00
Bid or Proposal Data	<i>Lowest Contract</i> <i>Cost Submitted</i> \$ NA FOR <i>No. of Proposals Considered</i> AMENDMENT <i>Reason for rejecting lowest contract cost submitted</i>
Other Bidders or Contractors Considered	Contract Costs Submitted \$ NA FOR \$ AMENDMENT \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Fund Sources and Appropriation Account Codes For This Contract	22-8200-802330-B Stormwater Services \$248,262.00
Source of Future Operating Funds	
Maximum Amount of Proposed AMENDMENT	\$ 248,262.00
Amount of Contingency	\$
Engineering & Administration	\$
TOTAL	\$ 248,262.00

Council Committee Actions

Do Pass	<input type="checkbox"/>	<input type="checkbox"/>	Hold
Do Pass (as amended)	<input type="checkbox"/>	<input type="checkbox"/>	W/o Recommendation
Committee Sub.	<input type="checkbox"/>	<input type="checkbox"/>	Do Not Pass