

CONTRACT

160963

Ordinance Fact Sheet

Amendment Form

Brief Title	Approval Deadline	Reason
Authorizing Design Professional Services Amendment No. 1 to Contract No. 1170 for the In-line Storage and Conveyance Operational Analyses Project.		To authorize execution and expenditures for a design professional services amendment; and recognizing this ordinance as having an accelerated effective date.

Details

Reason for Contract

This design project will help meet the performance criteria set forth in the City's Federal Consent Decree by evaluating the potential benefits of in-line storage and a Real Time Decision Support System (RT-DSS) in order to help reduce overflows in the following basins: Line Creek/ Rock Creek, Brush Creek, and Turkey Creek basins.

Design Professional Services Amendment No. 1 to Contract No. 1170 is to incorporate flow data as well as model and analyze the Birmingham/Shoal Creek, Town Fork Creek, and Blue River South basins in order to refine the possible overflow reduction opportunities identified as part of analysis of the original three

Discussion

Project Justification

The City of Kansas City, Missouri entered into a Consent Decree with the United States Environmental Protection Agency to reduce the volume and frequency of overflows from the City's sewer system over a 25-year period. The City's Overflow Control Program (OCP) was developed to meet the requirements of the consent decree; the program is currently in year 7 of the 25 year implementation period. This project will evaluate the use of existing infrastructure in order to identify possible in-line storage opportunities to reduce overflows at a lower cost than alternative storage solutions.

Design Professional Services Contract Summary

City Council passed Ordinance No. 150564 on July 16, 2015 authorizing a \$630,000.00 contract with EmNet, LLC. This contract provided for design services to evaluate in-line storage opportunities and the benefits of a Real Time Decision Support System (RT-DSS) for reducing overflows in the Line Creek/Rock Creek, Brush Creek, and Turkey Creek basins. The analysis was conducted utilizing existing OCP hydraulic models of the City's wastewater infrastructure. The results of this analysis indicated several short-term and long-term projects that have the potential to reduce sewer overflows at a lower cost than alternative storage solutions within the previously named basins.

Roles and Responsibilities

Sponsor	City Manager's Office
Department or Programs Affected	Water Services Department
Recommended Awardee	EmNet, LLC
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: EmNet, LLC Inspections: N/A Construction or Project Management: N/A Service Monitoring: N/A

Policy/Program Impact

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

(Continued on reverse side)

Details

Finances

