CONTRACT

160963

(Continued on reverse side)

Ordinance Fact Sheet

Amendment Form

Brief Title	Approval Deadline	Reason	
Authorizing Design Professional Services Amendment No. 1		To authorize execution and expenditures for a design	
to Contract No. 1170 for the In-line Storage and Conveyance		professional services amendment; and recognizing this	
Operational Analyses Project.		ordinance as ha	aving an accelerated effective date.
Details		Roles and Resp	onsibilities
Reason for Contract		Sponsor	
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.		1	City Manager's Office
		Department	
		or Programs	
		Affected	Water Services Department
		Recommended	
		Awardee	EmNet, LLC
	es Amendment No. 1 to Contract No.	Contract	
	data as well as model and analyze the own Fork Creek, and Blue River South	Compliance	
	possible overflow reduction	Certification	No XX Yes
	rt of analysis of the original three	Obtained?	
		Opponents	Groups or Individuals
Discussion			None known
			THORE KNOWN
Project Justification	itdiata - Ot D		Reason for Opposition
	ssouri entered into a Consent Decree onmental Protection Agency to reduce		
	f 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			
		Responsibilities	Design Engineering:
			EmNet, LLC
	flows at a lower cost than alternative		Inspections:
storage solutions.			
Design Professional Servi			N/A
City Council passed Ordinance No. 150564 on July 16, 2015 authorizing a \$630,000.00 contract with EmNet, LLC. This contract			Construction or Project Management:
provided for design services			
opportunities and the benef	ts of a Real Time Decision Support		N/A
	ing overflows in the Line Creek/Rock		Service Monitoring:
	rkey Creek basins. The analysis was OCP hydraulic models of the City's		N1/A
	he results of this analysis indicated		N/A
	term projects that have the potential to	D - 1' /D	lum at
reduce sewer overflows at a solutions within the previous	lower cost than alternative storage	Policy/Program	-
Solutions within the previous	siy named basins.	Policy or Program	n
		Emphasis	
		Change	XX No Yes
		Operational	
		Impact	

Details Finances

ice Fact Sheet, Contract Amendment 030113

Assessment

Amendment No. 1 to Contract No. 1170, in the amount of \$703,343.00, is for additional Design Professional Services 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 basins. The operation of the adjacent basins directly impacts how an RT-DSS will function in the originally studied basins. Additionally, the design professional will:

- Develop a simulated RT-DSS network and perform data analysis in order to understand the capital costs and operating requirements associated with installing a permanent system.
- Evaluate the simulated RT-DSS network across the original three basins and the impact of neighboring three basins to better understand the effect of rainfall events in order to assess and optimize the percentage of wet weather flow capture.

Original Contract: \$ 630,000.00 Proposed Amendment 1: \$ 703,343.00 Total: \$1,333,343.00

The project is located in Kansas City, Cass, Clay, Jackson, and Platte Counties, Missouri, in Council Districts 1-6.

Human Relations Approval

A Contractor Utilization Plan for design professional services under Contract No. 1170 was approved on July 1, 2015 with participation goals of 15% MBE and 10% WBE. No modification of the contract's approved participation goals are required for Amendment No. 1.

Grant Funding

N/A

Is it good for the children? Yes.

How will this contribute to a sustainable Kansas City?

This project will contribute to a sustainable Kansas City by determining the feasibility of reducing the volume and frequency of overflows by utilizing existing infrastructure, thereby reducing costs and the need for new construction.

Estimated Duration of Contract:

540 calendar days

Fact Sheet Prepared by: Date:
Leona Walton 12/8/2016

Contracts Manager

Reviewed by: Date:
Andy Shively 12/8/2016

Assistant City Manager

Reference Numbers: Contract No. 1170

Amendment No. 1

City's Estimate					
of Cost		\$	1,333,343.00		
Bid or	Lowest Contract				
Proposal Data	Cost Submitted	\$	N/A FOR		
	No .of Proposals Cons	sidered	AMENDMENT		
	Reason for rejecting	g lowest co	ntract cost submitted		
	Other Bidders or		Contract Costs		
	Contractors Conside	ered	Submitted		
		\$	N/A FOR		
		\$	AMENDMENT		
		\$			
		\$			
		\$			
		\$			
		\$			
		\$			
		\$			
		\$			
		\$			
		\$			
		\$			
		\$			
Fund Sources					
and Appropriation					
Account Codes	Overflow Control Program				
For This	Project No.	81000740)		
Contract					
Source of					
Future					
Operating Funds					
Amount					
of Proposed					
Amendment 1		\$	703,343.00		
Amount of					
Contingency		\$			
Engineering &					
Administration		\$			
TOTAL		\$	703,343.00		
Council Committ	ee Actions				
Do Pass			Hold		
Do Pass (as amer	ided)		W/o Recommendation		
Committee Sub.			Do Not Pass		