CONTRACT

A E/Nogotiated Form

220037	220027
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Ordinance Fact Sheet A-E/Negot	lialed Form			
Brief Title Approval Deadline	Reason			
Authorizing a Professional, Specialized, or Technical Services contract	To authorize execution of a Professional, Specialized, or Technical			
contract with TREKK Design Group, LLC for the Smart Sensor Network	Services contract and expenditures and to authorize two successive			
Maintenance and Field Services project and authorizing two successive	one-year renewal options.			
one-year renewal options without further City Council approval.	- che year renema eparene.			
Details	Roles and Responsibilities			
Reason for Contract	Sponsor			
In 2010, the City of Kansas City, Missouri entered into a Consent Decree with the United States Environmental Protection Agency (EPA) to reduce volume and frequency of overflows from the City's sewer system over a 25 year period. In March 2021 the Consent Decree was modified to include additional interim and revised final performance criteria and to extend its duration to 30 years. The City's Smart Sewer Program is currently in year of a 30-year implementation period. In 2018, the City deployed an extensive monitoring system consisting of 2 sensors. This work has been carried through previous contracts with an existing service provider with the goals of evaluating the potential of a real time decision support system and optimizing future infrastructure improvements to meet federal Consent Decree requirements. Over the nedecade the vision is to expand the permanent sensor network to increase the level of detail and amount of spatial coverage with multi-year data to support sewer system management. The data collected from sensor netwand consequent data analytics will be used for continuous evolution of integrated human and artificial intelligence and for improving system performance over next decade and beyond.	The 25- Department or Programs Affected Smart Sewer Program Recommended Awardee TREKK Design Group, LLC Contract Compliance Certification Obtained? Opponents Groups or Individuals			
Discussion	Responsibilities Program Management			
Project Justification The purpose of this project is to continue operating, maintaining, and expanding the existing Smart Sensor Network, and to continue data collection and delivery services. Data collected from this project will be use by the City to perform data analytics in support of various sewer management functions, to support the development of strategies for evolving data driven system engineering, operations and maintenance, and to support data dashboards and decision support systems. Project Description The scope of work to be performed under this contract entails the following services:	nd Construction or Project Management: N/A			
Assessing the baseline condition of existing sensor network.				
 Investigating proposed sensor sites for network expansion/modification and confirmation of hydraulic suitability. 	Policy/Program impact			
 Maintaining up to 300 permanent sensors to include a combination of depth-velocity and/or depth only sensor locations. Collecting data with access in real-time and storing with viewing platfor as approved by KC Water. Performing remote monitoring/interrogation of real-time data for proper 	orm Change XX No Yes			
 operation and timely detection of data loss or inaccuracies to trigger fieservices necessary within 24 hours of being identified or being notified such by KC Water. Conducting sensor verification through confined space entry or nonconfined space entry, as necessary. 	eld			

(Continued on reverse side)

Details

- Managing and securing of all flow monitoring equipment assets.
- Training for data access and sensor site equipment service and maintenance as requested by KC Water.
- Collaborating with KC Water's internal and external partners associated with the sensor network, including KC Water's Smart Sewer Program and other Design Professionals contracted with the City to provide digital strategies and data analytics services.

This proposed ordinance will be for a term of one year with two successive one-year renewal options.

Proposed Contract: \$ 1,200,000.00
Proposed Renewal No.1: \$ 1,236,000.00
Proposed Renewal No.2: \$ 1,273,080.00
Total: \$ 3,709,080.00

This project impacts Kansas City, Missouri in Cass, Clay, Jackson, and Platte Counties.

Solicitation

The Project was solicited in accordance with City requirements. The RFP solicitation was for a one-year contract with the option for two successive one-year contract renewals. Three (3) proposals were received on August 24, 2021.

Consultant Selection

TREKK Design Group, LLC was selected for this project in accordance with Code of Ordinance Section 3-31(b)(1), Department selection.

Civil Rights and Equal Opportunity Department Approval

Goals on the project are 15% MBE and 15% WBE. Subcontracting information will be submitted to the Civil Rights and Equal Opportunity Department for review.

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 improving the performance, capacity, and reliability of the City's sewer system, thereby reducing sewer overflows and improving water quality.

Estimated Duration of Contract: 365 calendar days with two

successive one-year renewal options.

Fact Sheet Prepared by: Date: Leona Walton 1/5/2022

Contracts Manager

Reviewed by: Date:

D. Matt Bond 1/5/2022

Deputy Director

Reference Numbers: Contract No. 1642

Project No. 81000977

Finances

1 mances				
City's Estimate				
of Cost		\$		1,200,000.00
Bid or	Lowest Contract			
Proposal Data	Cost Submitted	\$	NA FOR	A-E
	No. of Proposals Considered: 3			
	Reason for rejecting lowest con	trac	t cost subm	nitted:
	NA for A-E			
	Other Bidders or			Contract Costs
	Contractors Considered			Submitted
	George Butler	\$	NA FOR	
	Associates, Inc.	\$	A-E	
	ADS LLC	\$		
		\$		
		\$		
		\$		
		\$		
		\$		
		\$		
		\$		
		\$		
Fund Sources	22-8110-807769-B-81000977			
and Appropriation	Overflow Control Program			
Account Codes				
For This				
Contract	Project No. 81000977			
Source of				
Future				
Operating Funds				
Maximum Amount				
of Proposed				
Contract		\$		1,200,000.00
Amount of				
Contingency		\$		
Engineering &				
Administration		\$		
TOTAL		\$		1,200,000.00
IOTAL		\$		1,200,000.00

Council Committee Actions

Do Pass	Hold
Do Pass (as amended)	W/o Recommendation
Committee Sub.	Do Not Pass