

CONTRACT

Ordinance Fact Sheet

Brief Title	Approval Deadline
Authorizing a Professional, Specialized or Technical Services contract for the 2021	
Perform Aerial Flyover of Isolated Sewers and Force Mains with Video/Thermal "Infrared Imagery Surveillance" project.	

Details

Reason for Contract

This contract will identify and locate potential areas of ground seeps into the watershed, specifically, leaks from local underground sewer lines situated near or along rivers, creeks, and tributary streams in remote locations. A report is then provided indicating potential "hot spots" that is then investigated by KC Water to identify overflows or leaks in the sewer mains.

Pursuant to Section 3 of Committee Substitute for Ordinance No. 200914, the City Manager is directed to refrain from executing or extending any limited term contracts, professional services contracts, non-municipal contracts, and sole source contract waivers except as authorized by Council in separate ordinances. Section 3 of Committee Substitute for Ordinance No. 200914 will remain in effect until April 30, 2021. This ordinance is for approval of a professional, specialized or technical services contract.

Discussion

Project Justification

The purpose of this contract is to identify and locate potential areas of ground seeps into the watershed, specifically, leaks from local underground sewer lines situated near or along rivers, creeks, and tributary streams in remote locations.

Project Description

The work is an aerial flyover of approximately 308 miles of isolated sewer lines and force mains. The specialized equipment requires a small aircraft equipped with video camera and thermal infrared/integrated GPS tracking (so as to follow the designated flyover route).

The contractor will provide raw infrared (IR) imagery on DVD-ROM, a report of the analysis of thermal anomalies, including geo-locations in comma delimited text, as well as captured digital infrared images of each anomaly and digital maps showing the locations of the anomalies. The contractor then provides a report of potential "hot spots" that is then investigated by KC Water to identify overflows or leaks in the sewer mains.

Three one-year renewal options are included at the City's sole discretion.

Reason

To authorize execution and expenditures of a Professional, Specialized or Technical Services contract; and to authorize three successive one-year renewal options without further City Council approval.

Roles and Responsibilities

Sponsor	KC Water
Department or Programs Affected	KC Water
Recommended Awardee	Aerial Thermal Imaging, 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: N/A Inspections: N/A Construction or Project Management: N/A Service Monitoring: City Staff

Policy/Program Impact

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

(Continued on reverse side)

Reason for Ordinance
This ordinance is needed pursuant to Section 3 of Committee Substitute for Ordinance No. 200914, which directs the City Manager to refrain from executing or extending any limited term contracts, professional services contracts, non-municipal contracts, and sole source contract waivers except as authorized by Council in separate ordinances. Section 3 of the Committee Substitute for Ordinance No. 200914 will remain in effect until April 30, 2021.

This ordinance is for approval of a professional, specialized or technical services contract.

Solicitation
This Project was advertised in accordance with the City's requirements. Proposals were submitted on January 5, 2021 with two firms responding.

Human Relations Approval
The estimate for this project is below the City's MBE/WBE threshold. The Human Relations Department approved a waiver of the SLBE Program requirements on October 29, 2020.

Grant Funding
N/A

Is it good for the children? Yes.

How will this contribute to a sustainable Kansas City?
This project helps identify potential overflows/leaks in sewer mains that could otherwise contribute to pollution of streams and waterways.

Date:
1/14/2021

1/15/2021
Contract No. 1622
Project No. 60810095

City's Estimate of Cost	\$ 50,000.00
Bid or Proposal Data	Lowest and Best Contract Cost Submitted \$ 42,882.00 Recommended Awardee: Aerial Thermal Imaging, LLC
Proposal Due Date: 1/5/2021	No. of Proposals Submitted: 2
	Proposals received from:
	Aerial Thermal Imaging, LLC \$ 42,882.00
	SAM, LLC \$ 260,000.00
	Fund Sources and Appropriation Account Codes For This Contract
Source of Future Operating Funds	
Amount of Proposed Contract	\$ 42,882.00
Amount of Contingency	\$
Engineering & Administration	\$
TOTAL	\$ 42,882.00

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