



# City of Kansas City, Missouri

## Docket Memo

Ordinance/Resolution #: 240587

Submitted Department/Preparer: Water

Revised 6/10/24

Docket memos are required on all ordinances initiated by a Department Director. More information can be found in [Administrative Regulation \(AR\) 4-1](#).

## Executive Summary

Authorizing a \$1,105,746.00 design professional services contract with Jacobs Engineering Group, Inc., for the Blue River Odor Control Phase III project.

## Discussion

### Project Justification

The Water Services Department is undertaking this design professional services project to identify where hydrogen sulfide (H<sub>2</sub>S) and other odorous compounds collect within the system causing air quality issues and increased degradation rates for collection system infrastructure and to determine if solutions to these issues exist prior to employing the full battery of odor control mitigation measures.

### Project Description

The scope of services consists of professional engineering services to provide sampling for and design of odor control and associated improvements for the entire collection system. The design professional will provide engineering services for the following improvements:

- Develop a sampling and analysis plan (SAP) to sample up to 40 manhole locations that have the highest likelihood for elevated H<sub>2</sub>S levels;
- Collect up to 40, 24-hour aliquot samples for H<sub>2</sub>S and other analytes to supplement the City's influent sampling data set;
- Provide a data report detailing the results of the sampling effort;
  - Within the data report, the design professional will provide a plan for chemical piloting and other potential mitigation strategies to employ at identified target locations.
- Conduct chemical piloting and/or other mitigation strategies at locations identified within the data report;
- Provide the City with a summary report of results of chemical piloting and/or other mitigation strategies implemented; and
- Additional project scope that will be negotiated after award will include the deployment of H<sub>2</sub>S dataloggers at all planned sampling location sites, in addition to planned odor logger installs at select tube pump stations.

Term

The term of this project will be 540 days.

MBE/WBE Goals

CREO KC established goals of 14% MBE and 14% WBE on this design professional services project on July 14, 2023. A revised Contractor Utilization Plan/Request for Waiver of 5% MBE and 5% WBE was submitted on March 5, 2024, and approved by CREO KC on March 21, 2024.

Solicitation

This Project was advertised in accordance with the City's requirements. One proposal from Jacobs Engineering Group, Inc. was received on October 17, 2023.

Awardee/Subcontracting Participation

A citywide selection committee met on May 15, 2024. It consisted of the following individuals:

- Blake Anderson, Division Manager of Water Services' Facilities Engineering Division (Facilitator)
- Kelly Postlewait, Assistant City Manager/Interim Director of Water Services
- Mario Vasquez, Assistant City Manager
- Melissa Patterson-Hazley, Councilmember

Jacobs Engineering Group, Inc. was selected for this project with a contract amount of \$1,105,746.00, with subcontracting participation of 5% MBE and 5% WBE.

Other Proposals Received

N/A

Estimated Project Cost

The City's estimated cost for this project is \$1,105,746.00.

**Fiscal Impact**

1. Is this legislation included in the adopted budget?  Yes     No
  
2. What is the funding source?  
25-8110-807778-611040-81001020 = \$1,105,746.00  
Sewer Treatment Facilities, Sewer Fund
  
3. How does the legislation affect the current fiscal year?  
This ordinance is supported by the Fiscal Year 25 Water Services Annual CIP.  
Work on this project will be performed during the current fiscal year.
  
4. Does the legislation have a fiscal impact in future fiscal years? Please notate the difference between one-time and recurring costs.

Funds encumbered in the current fiscal year will be disbursed over Fiscal Year 25. Work on the project is anticipated to be completed by 540 days from the Notice to Proceed date.

5. Does the legislation generate revenue, leverage outside funding, or deliver a return on investment?  
No.

**Office of Management and Budget Review**  
(OMB Staff will complete this section.)

1. This legislation is supported by the general fund.  Yes  No
2. This fund has a structural imbalance.  Yes  No
3. Account string has been verified/confirmed.  Yes  No

**Additional Discussion (if needed)**

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## Citywide Business Plan (CWBP) Impact

1. View the [Adopted 2025-2029 Citywide Business Plan](#)
2. Which CWBP goal is most impacted by this legislation?  
Infrastructure and Accessibility (Press tab after selecting.)
3. Which objectives are impacted by this legislation (select all that apply):
- Engage in thoughtful planning and redesign of existing road networks to ensure safety, access, and mobility of users of all ages and abilities.
  - Enhance the City's connectivity, resiliency, and equity through a better-connected multi-modal transportation system for all users.
  - Build on existing strengths while developing a comprehensive transportation plan for the future.
  - Develop environmentally sustainable infrastructure strategies that improve quality of life and foster economic growth.
  - Ensure adequate resources are provided for continued maintenance of existing infrastructure.
  - Focus on delivery of safe connections to schools.

## Prior Legislation

N/A

## Service Level Impacts

The completion of this project will help to identify areas within the existing system with advanced degradation rates and/or excessive odors. Identification of these locations will allow KC Water to employ source mitigation at the most impacted locations will help to extend the useful life of this infrastructure allowing KC Water to meet its service level commitments in a more cost effective manner.

## Other Impacts

1. What will be the potential health impacts to any affected groups?  
Through the implementation of this Project, KC Water will identify the locations most impacted by H2S degradation and/or excessive odors. By employing source mitigation measures at these locations, noticeable odors will be reduced.
2. How have those groups been engaged and involved in the development of this ordinance?  
N/A
3. How does this legislation contribute to a sustainable Kansas City?  
As a result of this Project, the useful life of existing infrastructure will be extended, thus reducing the need for replacement and the use of additional resources required for replacement.
4. Does this legislation create or preserve new housing units?  
No (Press tab after selecting)

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5. Department staff certifies the submission of any application Affirmative Action Plans or Certificates of Compliance, Contractor Utilization Plans (CUPs), and Letters of Intent to Subcontract (LOIs) to CREO prior to, or simultaneously with, the legislation entry request in Legistar.  
  
Yes - I have submitted documents for CREO Review (Press tab after selecting)  
Please attach or copy and paste CREO's review.  
The Contractor Utilization Plan (CUP) was submitted to CREO KC for this design professional services project on March 5, 2024.

The design professional submitted a Request for Modification (RFM) of the project's subcontracting goals due to a proposed revision in the project's objectives following the inclusion of a third-party vendor, D3 Water. This vendor will provide specialized H2S equipment, installation, and data management services which were not initially part of the project's scope.

Due to this inclusion, the design professional will not be able to meet the original 14% MBE and 14% WBE goals. The design professional suggested revising the overall project's goals to 5% MBE and 5% WBE on the total contract value while still ensuring quality work is delivered.

The CUP/RFM was approved by CREO KC on March 21, 2024 with 5% MBE and 5% WBE participation.

6. Does this legislation seek to approve a contract resulting from an Invitation for Bid?

No(Press tab after selecting)

[Click or tap here to enter text.](#)

7. Does this legislation seek to approve a contract resulting from a Request for Proposal/Qualification (RFP/Q)?

Yes(Press tab after selecting)

In an effort to prevent disclosure of confidential information, a separate communication will be provided to City Council members to reflect the top three proposers for the RFP/Q.