



# City of Kansas City, Missouri

## Docket Memo

Ordinance/Resolution #: 240804

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 \$3,999,932.00 design professional services contract Amendment No. 1 to Contract No. 1677 with Carollo Engineers, Inc., for the Blue River Wastewater Treatment Plant Facility Plan and Improvements Design project for a total contract amount of \$7,429,932.00.

### Discussion

#### Project Justification

A Master Plan for the Wastewater Utility was completed in 2017. The Master Plan contained Technical Memo 4 (TM4) that reports anticipated population projections through 2035, daily averages, maximum influent flows during a month, peak influent flows during wet weather events after proposed Overflow Control Program projects were to be completed, as well as pollutant loadings at Blue River.

Pursuant to the Consent Decree for the City of Kansas City, Missouri, the City will take all measures necessary to (a) achieve full compliance with the Clean Water Act (CWA) and the regulations promulgated thereunder; (b) achieve full compliance with the City's Current NPDES Permits as they relate to the capacity at the wastewater treatment plants and capacity, management, operation and maintenance of the collection systems; (c) achieve the goal of eliminating Sanitary Sewer Overflows (SSOs); and (d) to achieve the goal of eliminating bypasses prohibited by 40 C.F.R. § 122.41(m).

The most current version of the Missouri State Operating Permit (MO-0024911), effective until March 31, 2026, defines the design population, design flow, actual flow, total influent determination and other permitted information.

#### Design Professional Services Project Description/Executed Contract Summary

Services provided under this contract center on a facility plan and improvements design for upgrades, repairs, and process improvements for the Blue River

Wastewater Treatment Plant, which is located at 7300 Hawthorne Road, in Kansas City, Jackson County, Missouri.

The City Council passed Ordinance No. 230560 on July 13, 2023 authorizing a \$3,430,000.00 design professional services contract with Carollo Engineers, Inc. for the Blue River Wastewater Treatment Plant Facility Plan and Improvements Design project that included provisions for three contract years (Base Year plus two one-year follow amendment years).

This proposed ordinance is for a \$3,999,932.00 Amendment No. 1 for additional scope of services for this project, including the following:

- Project Management and Administration;
- Coordination with other City Projects that have a direct impact on the Blue River WWTP, specifically, how they impact cost estimating at Blue River WWTP for the Birmingham Wastewater Treatment Plant alternatives and overall project development
- Site investigation, review of existing work, and review of previous projects, including validation of previous master plan projections, investigations at the Blue River Primary and Secondary Sites to support the facility planning process, inspections, conditions assessments and non-destructive testing of Blue River assets, and a geotechnical assessment of Blue River Secondary;
- Facility Plan and Improvements Design, including hydraulic and process capacity analysis, alternatives development of two wet weather options, BNR liquid treatment options, and three alternatives for other major WWTP process improvements to support the Consent Decree, procurement of a progressive design-builder to complete the Grit Removal and Fine Screens Project, a grit characterization study, technical review support of Birmingham WWTP Scenarios, SRF Loan Application assistance to support the Grit Removal and Fine Screens Project, and review and design of a new Power Pen for the Blue River Primary Site.;
- Envision Sustainability Design scope coordination; and
- Public Outreach.

#### Term

The term of this project is 1,095 calendar days. The term of this amendment is 365 days.

#### Design Professional Services Contract Cost Summary

- Original Contract: \$3,430,000.00
- Proposed Amendment No. 1: \$3,999,932.00
- Total: \$7,429,932.00

### MBE/WBE Goals

CREO KC established goals of 14% MBE and 14% WBE on this design professional services project on October 12, 2022 as part of the Annual Goal Program.

### Solicitation

This Project was originally advertised in accordance with the City's requirements. Two proposals were received on January 27, 2023.

### Selection/Awardee/Subcontracting Participation

A citywide selection committee met and consisted of the following individuals:

- Wes Minder, then Director of Water Services
- Eric Bunch, 4<sup>th</sup> District Councilperson
- Morgan Holecek, City Manager's Office

Carollo Engineering, Inc. was recommended for this project on March 22, 2023 with a contract amount of \$3,430,000.00, with subcontracting participation of 14% MBE and 14% WBE.

### Other Proposals Received

- Black & Veatch Corporation partnered with Burns & McDonnell Engineering Company, Inc.

### Estimated Project Cost

The City's estimated cost for this amendment is \$3,999,932.00.

## **Fiscal Impact**

1. Is this legislation included in the adopted budget?  Yes  No
2. What is the funding source?  
AL-8187-807778-611040-81000999 = \$548,856.00  
AL-8193-807778-611040-81000999 = \$2,251,144.00  
25-8110-807778-611040-81000999 = \$1,199,932.00  
Blue River WWTP Facility Plan- 8187 2016 Sewer Revenue Bonds, 8193 2023 Sewer Revenue Bonds, 8110 Sewer Fund
3. How does the legislation affect the current fiscal year?  
This ordinance is revenue supported and will not have a net impact on 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.  
No.

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)

Click or tap here to enter text.

## 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

City Council passed Ordinance No. 230560 on July 13, 2023 authorizing a \$3,430,000.00 design professional services contract with Carollo Engineers, Inc., for

the Blue River Wastewater Treatment Plant Facility Plan and Improvements Design project.

## Service Level Impacts

This project will help to facilitate the City meeting its current level of service commitments for the wastewater utility.

## Other Impacts

1. What will be the potential health impacts to any affected groups?  
Work on this project will improve the wastewater treatment process at the Blue River Wastewater Treatment Plant. It will also improve the sanitary sewer outfalls to Blue River, design controls for bionutrients that can cause deleterious effects on our natural waterways, and Mississippi River basin water quality improvement driven by pending regulations.
2. How have those groups been engaged and involved in the development of this ordinance?  
The project will rehabilitate existing assets and determine the need for new assets to increase the level of service and optimize operation and maintenance activities. This project will result in construction activities on City property at the Blue River Primary and Secondary Wastewater Treatment Plant, which is surrounded by either City-owned parcels, parcels belonging to the Missouri Pacific Railroad, or Everage between the facility and nearest residents.
3. How does this legislation contribute to a sustainable Kansas City?  
The project will contribute to a sustainable Kansas City by extending the life of existing assets and by the optimization of operations and maintenance. The project will also design controls to prevent release of harmful substances into our natural waterways.
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 original Contractor Utilization Plan was submitted to CREO KC for review on June 21, 2023, and was approved on July 3, 2023 with 14% MBE and 14% WBE participation.

A Contractor Utilization Plan was submitted to CREO KC for review on August 7, 2024 for the proposed Amendment No. 1, and was approved on August 9, 2024 with continued 14% MBE and 14% WBE participation.

There are Affirmative Action requirements with this contract.

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)?  
No(Press tab after selecting)