



City of Kansas City, Missouri

Docket Memo

Ordinance/Resolution # TMP-3264

Submitted Department/Preparer: Water Services

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 \$3,430,000.00 design professional services contract with Carollo Engineers, Inc., for the Blue River WWTP Facility Plan and Improvements Design project.

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.

Project Description

Services provided under this contract will center on a facility plan and improvements design for upgrades, repairs, and process improvements for the Blue River Wastewater Treatment Plant. The amount of this contract is \$3,430,000.00.

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

The term of this project will be 1,095 calendar days.

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Solicitation

This Project was advertised in accordance with the City's requirements. Proposals were received on January 27, 2023 with two consultants responding.

Awardee/Subcontracting Participation

Carollo Engineering, Inc. was selected for this project 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 project is \$3,430,000.00.

Fiscal Impact

1. Is this legislation included in the adopted budget? Yes No

2. What is the funding source?

24-8110-807778-611040-81000999 - \$3,430,000.00 / Sewer Treatment Facilities

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 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.



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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

Additional Discussion (if needed)

Click or tap here to enter text.

Citywide Business Plan (CWBP) Impact

View the [FY23 Citywide Business Plan](#)

Which CWBP goal is most impacted by this legislation?

Infrastructure and Accessibility (Press tab after selecting.)

Which objectives are impacted by this legislation (select all that apply):

- Enhance the City's connectivity, resiliency, and equity through a safe, efficient, convenient, inclusive, accessible, sustainable and better connected multi-modal transportation system
- Develop environmentally sound and sustainable infrastructure strategies that improve quality of life and foster economic growth
- Increase and support local workforce development and minority, women, and locally-owned businesses
- Engage in efforts to strategically invest in the City's infrastructure and explore emerging technologies
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Prior Legislation

N/A



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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 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 the ordinance/resolution include Civil Rights antidiscrimination requirements in compliance with the Code of Ordinances (Chapter 38, titled "Civil Rights")?

Yes. CREO KC established 14% MBE and 14% WBE goals on this project on October 12, 2022 using the Annual Goal Manual, which is for a period of June 2022 through June 2023.

There are also Affirmative Action Program requirements in this contract.

5. Has the ordinance/resolution been submitted for review of economic equity & inclusion requirements in compliance with the Code of Ordinances (Chapter 3, titled "Contracts and Leases")?

Yes. The Contractor Utilization Plan was submitted to CREO KC for review on June 21, 2023, and is pending approval.