



City of Kansas City, Missouri

Docket Memo

Ordinance/Resolution #: 260176

Submitted Department/Preparer: Water

Revised 01/30/25

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

Establishing Fund No. 8196, the 2026 SRF Sewer Revenue Bond Fund in the records of the City of Kansas City, Missouri; estimating revenue in the amount of \$100,000,000.00 in the 2026 SRF Sewer Revenue Bond Fund and appropriating the same; appropriating \$100,000,000.00 from the Unappropriated Fund Balance of the Sewer Fund; designating requisitioning authority; authorizing a \$156,641,576.00 progressive design-build contract Change Order No. 2 to Contract No. 1751 with Goodwin Bros. Construction Co., for the Blue River Wastewater Treatment Plant Grit Removal and Fine Screens Project for a total contract amount of \$170,564,112.00; authorizing a \$4,120,509.00 design professional services contract Amendment No. 2 and authorizing a \$4,500,000.00 design professional services contract Amendment No. 3 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 \$16,050,441.00;; declaring the intent of the City to reimburse itself from the bond proceeds for certain expenditures; and authorizing the Director of Finance to close project accounts; and recognizing this ordinance as having an accelerated effective date.

Discussion

Progressive Design-Build Contract - Contract No. 1751/Project No. 81000999

Project Justification

With this project, KC Water is seeking to improve and expand the existing grit removal and handling systems at the Blue River Wastewater Treatment Plant's primary site to allow the new thermal hydrolysis process (THP) system to reach its maximum service life while also including expansion capabilities to handle future flows to meet the requirements of the Environmental Protection Agency's Consent Decree.

Project Description/Ordinance History/Executed Contract Summary

This project will include the design and construction of a new grit removal and handling facility on the Blue River Wastewater Treatment Plant primary site, located at 7300 Hawthorne Road, Kansas City, Jackson County, Missouri, to replace the existing. It also includes site preparation activities such as closure of the south biosolids pond and site completion activities such as paving. The contract was executed by the City on April 9, 2025.

A \$1,200,000.00 Change Order No. 1 for the Blue River Wastewater Treatment Plant Grit Removal and Fine Screens Project is currently being executed changing the schedule of values to reflect scope change.

This proposed ordinance is for a \$156,641,576.00 progressive design-build Amendment No. 1 for Phase 2 – construction services for the Blue River Wastewater Treatment Plant Grit and Fine Screens Facility.

Term

An additional 1,215 calendar days (40 months) are being added for the proposed Change Order No. 2. The contract's overall term will be 1,380 calendar days (46 months).

Contract Cost Summary

- Original Contract: \$12,722,536.00
- Change Order No. 1: \$1,200,000.00
- Proposed Change Order No. 2: \$156,641,576.00
- Total: \$170,564,112.00

MBE/WBE Goals

CREO KC established goals of 11% MBE and 11% WBE on this progressive design-build project on May 21, 2024 as part of the Annual Goal Program.

Solicitation

This project was advertised in accordance with the City's requirements.

On September 27, 2024, KC Water issued a Request for Proposals (RFP) for Shortlisted Proposers to provide Technical and Cost Proposals for Progressive Design-Build (PDB) services including design, construction, startup, and commissioning for the Blue River Wastewater Treatment Plant Grit Removal and Fine Screens Project.

This was the second step of a two-step selection process. Proposers were previously shortlisted to two (2) from the submittal and review of each Proposer's Statement of Qualifications (SOQ). Two proposals were received on November 14, 2024.

Selection/Awardee/Subcontracting Participation

A City-Wide Selection Committee met on December 4, 2024 to interview the two proposers and to review and score the technical proposals received. The City-Wide Selection Committee consisted of the following members:

- Kenneth Morgan, P.E., Director of Water Services
- Melissa Patterson Hazley, City Councilmember, 3rd District at Large
- Kelly Postlewait, MS, Esq., Assistant City Manager
- Brent Herring, Deputy Director, Wastewater Operations Officer
- Jeff Martin, P.E., then Deputy Director – Chief Engineering Officer

The Goodwin Bros. Construction Co./Black & Veatch Corporation team was selected for this project after a City-Wide Selection Committee meet on December 4, 2024 with a contract amount of \$12,722,536.00 for Phase 1 – Pre-Construction Services, with subcontracting participation of 14.4% MBE and 14.8% WBE. Their total proposal score was 150, which comprised of 100 for the technical proposal score and 50 for the cost proposal score.

A second guaranteed maximum price (GMP) was developed for Phase 2 – Construction Services.

Other Proposals Received

The only other proposal received was from Burns & McDonnell Engineering Company, Inc., with 11% MBE and 18% WBE proposed subcontracting participation. Their total proposal score was 131.43, which comprised of 90 for the technical proposal score and 41.43 for the cost proposal score.

Design Professional Services Contract - Contract No. 1677/Project No. 81000999

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 National Pollutant Discharge Elimination System (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/Ordinance History/Executed Contract Summary

Services provided under this design professional services 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). The City executed the contract on August 17, 2023.

The City Council passed Ordinance No. 240804 on September 19, 2024 authorizing a \$3,999,932.00 design professional services contract Amendment No. 1 for the following work on this project, which the City executed on October 15, 2024:

- Project management and administration;
- Coordination with other City projects that have a direct impact on the Blue River Wastewater Treatment Plant, specifically, how they impact cost estimating at Blue River Wastewater Treatment Plant 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 Wastewater Treatment Plant 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, biological nutrient removal liquid treatment options, and three alternatives for other major wastewater treatment plant 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 Wastewater Treatment Plant scenarios, State Revolving Fund (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.

This proposed ordinance is for a \$4,120,509.00 design professional services contract Amendment No. 2 is for the following to support Year 3 of the Facility Planning effort for the Blue River Wastewater Treatment Plant.

Work to be completed during Year 3 includes:

- Project management and management of subconsultants/subcontractors for the work specified herein;
- Provide input as directed for Missouri Department of Natural Resources negotiations;
- Review of the 2017 Wastewater Master Plan's Technical Memorandum No. 4 (TM4) to update based on the work executed in this contract;
- Provide Owner's Advisor services for procurement and progressive design-build pre-construction services on the Grit and Fine Screens Facilities and Power Pen Facility projects;
- Provide regulatory support as directed in coordination with other contracts;
- Evaluate and provide 10% design of sidestream P-recovery efforts at the Blue River Primary Site;
- Perform Non-Destructive Testing of specified rotating and electrical equipment;
- Evaluate options for alignment of a new parallel 72-inch conveyance pipe between the Primary and Secondary sites;
- Provide technical memorandum outlining recommended 60% design of repair and rehabilitation efforts for existing biotowers;
- Develop 20% design for new standby generator system for Blue River Primary Site;
- Evaluate potential re-use of North Ash Lagoon for surface storage;
- Perform chemically enhanced primary treatment bench-scale and subsequent field testing for optimized dry and wet weather use;
- Provide resident project representative services for the City's Window Replacement Project at Blue River Wastewater Treatment Plant; and
- Develop a communication plan for informing stakeholders on project progress; and
- Develop 20% design documents for motor control center replacement at the Blue River Screen House.

This proposed ordinance also includes a \$4,500,000.00 design professional services contract Amendment No. 3 for construction phase services and resident project representative services to support the Blue River Grit Removal and Fine Screens construction project.

Term

An additional 365 calendar days are being added for the proposed Amendment No. 2, and an additional 1,215 calendar days (40 months) are being added for the proposed Amendment No. 3. The contract's overall term will be 1,915 calendar days (65 months).

Contract Cost Summary

- Original Contract: \$3,430,000.00
- Amendment No. 1 \$3,999,932.00
- Proposed Amendment No. 2 \$4,120,509.00
- Proposed Amendment No. 3: \$4,500,000.00
- Total: \$16,050,441.00

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, 4th District Councilmember
- 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.

Fiscal Impact

1. Is this legislation included in the adopted budget? ☒ Yes ☐ No
2. What is the funding source?
AL-8196-807778-611060-81000999 = \$100,000,000.00
26-8110-807778-611060-81000999 = \$56,641,576.00

AL-8194-807778-611040-81000999 = \$2,000,000.00
26-8110-807778-611040-81000999 = \$2,120,509.00
26-8110-807778-611040-81000999 = \$4,500,000.00

Blue River Wastewater Treatment Plant; Sewer Fund, Sewer Revenue Bond Series 2024A, Sewer Revenue Bond Series 2026

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. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 2. This fund has a structural imbalance. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 3. Account string has been verified/confirmed. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> 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.
- ☐ Develop a multimodal regional transportation system for all users.
- ☒ Develop environmentally sustainable 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.

City Council passed Ordinance No. 240804 on September 19, 2024 authorizing a \$3,999,932.00 design professional services contract Amendment No. 1 for additional work on this project.

City Council passed Ordinance No. 250041 on January 30, 2025 authorizing a \$12,722,536.00 progressive design-build contract with Goodwin Bros. Construction Co. for the Blue River Wastewater Treatment Plant Grit Removal and Fine Screens Project.

Service Level Impacts

This project will increase the service reliability of the Blue River Wastewater Treatment Plant by removing grit and debris more efficiently, which will extend the life of the equipment (including the new THP facility). This project will also provide for a new grit facility to replace the existing aging grit facility constructed in the 1960's. The former incinerator ash lagoon will be removed as part of this project making room for future Wet Weather facility infrastructure to support the City's Consent Decree. This improved treatment will improve the quality of the downstream biosolids allowing the City to potentially generate a value added product.

Staff Recommendation

Water Services Department

Select One: ☒ Sponsored
☐ Directive: Res/Ord # [Click to enter Res/Ord. No.](#)

Select One: ☒ Recommend
☐ Do Not Recommend
☐ Not Applicable

[Click or tap here to provide reasoning.](#)

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 bio nutrients that can cause deleterious effects on our natural waterways, and Mississippi River basin water quality improvement driven by pending regulations.

The new grit facility will support the THP project by providing a more consistent, smaller particle grit which will be converted into a Class A Biosolid.

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?
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)

N/A

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

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.

Progressive Design-Build Contract - Contract No. 1751/Project No. 81000999

The original Contractor Utilization Plan was submitted to CREO KC for review on January 7, 2025 for the progressive design-build contract, and was approved on January 23, 2025 with 14% MBE and 14.8% WBE participation.

A Contractor Utilization Plan for the progressive design-build Amendment No. 1 was submitted to CREO KC for review on January 29, 2026, and is pending approval.

Design Professional Services Contract - Contract No. 1677/Project No. 81000999

The original Contractor Utilization Plan was submitted to CREO KC for review on June 21, 2023 for the design professional services contract, 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 design professional services Amendment No. 1, and was approved on August 9, 2024 with continued 14% MBE and 14% WBE participation.

Contractor Utilization Plans for the design professional services Amendment Nos. 2 and 3 were submitted to CREO KC for review on January 27, 2026, and are pending approval.

There are Affirmative Action requirements with of these contracts.

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

No(Press tab after selecting)

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

No(Press tab after selecting)