



City of Kansas City, Missouri

Docket Memo

Ordinance/Resolution #: 251048

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 the Director of the Water Services Department to execute a \$23,800,000.00 design-build contract with Goodwin Bros Construction Co, for the Westside Wastewater Treatment Plant (WWTP) Facility Plan Project - Sludge Screening project; authorizing a maximum expenditure of \$26,180,000.00; and recognizing this ordinance as having an accelerated effective date.

Discussion

Project Justification

The Westside WWTP, located near the confluence of the Kansas and Missouri Rivers in the Central Industrial District, is a conventional activated sludge facility with primary clarification. The original primary plant was built in 1963, followed by the addition of the activated sludge facilities in 1978. Chlorine contact basins were added in 2012 for seasonal disinfection. As part of the City's Overflow Control Program (in response to a Consent Decree issued by the U.S. Environmental Protection Agency), a chemically-enhanced primary treatment (CEPT) system, third secondary clarifier, return activated sludge pump station, and third disinfection basin were added to the treatment facilities to increase the peak hydraulic capacity of the WWTP by 30 million gallons per day (mgd). The Westside WWTP currently has a permitted capacity of 22.5 mgd average daily flow and rated peak capacity of 70 mgd.

Flow to the Westside WWTP is pumped from multiple sanitary and combined sewer lift stations within a 15 square mile service area, including downtown Kansas City, Missouri, and a portion of areas north of the Missouri River. The primary treatment facilities include grit basins, two primary clarifiers, primary sludge and scum pumping, and the CEPT system to allow for the addition of polyaluminum chloride and/or polymer at the grit basins or primary clarifiers to improve sludge settleability upstream of the activated sludge process. The secondary treatment facilities consist of two aeration basins, three secondary clarifiers, and associated sludge and scum pumping. The disinfection facilities include three contact basins, and two chemical buildings for the addition of sodium hypochlorite and sodium bisulfite for chlorination and de-chlorination during

seasonal disinfection from April 1 through October 31. An effluent pump station was constructed with the original primary plant for use when the river levels are at flood stage. The submersible-axial flow pumps were recently replaced as part of the WWTP Facility Plan project in 2021.

Currently, primary and secondary sludge pumps convey settled sludge from the primary and final clarifier basins, respectively, through a 6.6-mile, 12-inch diameter pipeline to the Blue River WWTP for processing.

The existing sludge forcemain to the Blue River WWTP was constructed in 1963. Over the past 15 years, this forcemain has experienced multiple pipe bursts; six to eight bursts over a seven to eight-year period were reported back in 2016. Previous inspections of the line have also indicated thinning of the pipe wall along a good portion of its length; however, physical inspections of the pipe to assess the current condition of the pipe have not been conducted in several years, but rehabilitation of the forcemain is being planned under a separate project. Due to the criticality of protecting the rehabilitated forcemain and downstream biosolids processing equipment at the Blue River WWTP, this Project is to install sludge screening equipment for the Westside WWTP sludge prior to conveyance to the Blue River WWTP. This new equipment will be housed within a new building located on the south side of Woodswether Road and to the north of new Final Clarifier No. 3.

Due to the size of the project, the desire to allocate design and construction risks to one entity, and the need for expedited delivery of the project, the City decided there is benefit in utilizing a design-build method for the project and a fixed-price design-build (FPDB) method was selected. The FPDB method outlined in this RFP was chosen to allow WSD staff involvement in the design process for the project while leveraging the schedule, design and construction innovation, team collaboration, and other advantages that result from use of a design-build process.

The Design Professional Owner's Advisor for the project is Carollo Engineers, Inc. The Owner's Advisor will provide assistance during the FPDB process on behalf of the City throughout the project. Ongoing coordination services and meetings with the Water Services Department will be required.

Project Description

Currently, primary and secondary sludge is pumped through a 6.6-mile, 12-inch diameter pipeline to the Blue River WWTP for processing. This project would allow KC Water to protect its biosolids processing equipment downstream at the Blue River WWTP by installing sludge screening equipment and odor control prior to conveyance to Blue River WWTP equipment.

The amount of this contract is \$23,800,000.00 and a Technical Approach Score of 90.

Term

The term of this contract is 730 calendar days.

MBE/WBE Goals

CREO KC established goals of 14% MBE and 14% WBE on this project on February 26, 2024 as part of the Annual Goal Program.

Solicitation

On May 12, 2025, KC Water issued a Request for Proposals (RFP) for shortlisted proposers to provide technical and cost proposals for Fixed Price Design-Build (FPDB) services, including design, construction, startup, and commissioning for the Westside WWTP Facility Plan Project - Sludge Screening Project at the Westside Wastewater Treatment Plant, located at 1501 Woodswether Road, Kansas City, MO 64105.

This was the second step of a two-step selection process. Proposers were previously shortlisted to two (2) through the submittal and review of each Proposer's Statement of Qualifications (SOQ).

This project was advertised in accordance with the City's requirements. Public bids were opened on September 4, 2025 with 2 bidders responding.

Awardee/Subcontracting Participation

The City-Wide Selection Committee (SC) met on October 10, 2025 to review and score the Technical Proposals received.

The City-Wide Selection Committee consisted of the following members:

1. Kenneth C. Morgan, P.E., Director of Water Services
2. Eric Bunch, City Councilmember, 4th District
3. Brent Herring, Deputy Director, Wastewater Operations Officer
4. Blake W. Anderson, P.E., Interim Deputy Director, Chief Engineering Officer
5. Kevin White, P.E., Engineering Section Head

Scoring

Proposals were scored per Section 4 of the RFP. Proposers submitted two separate proposals: (1) Technical Proposal and (2) Cost Proposal.

1. Technical Proposal

The Selection Committee evaluated and scored responsive proposals by using the weighted evaluation criteria set forth in the RFP for the Technical Proposal. The maximum total number of points available for the Technical Proposal was 100.

Proposer	Technical Proposal Score (Max = 100)
Goodwin Bros Construction Co / Black & Veatch Corporation	90
MegaKC Corporation / CDM Smith, Inc.	85

2. Cost Proposal

Cost Proposal submittals were retained by the Procurement Officer until the public bid opening was held on October 14, 2025 at the KC Water Administration Building, located at 4800 E 63rd Street, Kansas City, MO 64130. The lowest Base Proposal Price was awarded 100 points, with points being awarded to higher Proposal Prices, as defined in Section 5.5 of the RFP.

Proposer	Goodwin Bros Construction Co / Black & Veatch Corporation	MegaKC Corporation / CDM Smith, Inc.	Engineer's Estimate of Probable Cost
Base Bid Price	\$23,800,000.00	\$23,656,000.00	\$15,000,000.00
Clarifier # 4 Bid Price	\$16,200,000.00	\$16,369,148.00	N/A

3. Results

The Total Proposal Score (Technical + Cost) is provided below:

Proposer	Technical Proposal Score (Max = 100)	Cost Proposal Score (Max = 100)	Total Proposal Score
Goodwin Bros Construction Co / Black & Veatch Corporation	90	99.39	189.39
MegaKC Corporation / CDM Smith, Inc.	85	100	185.00

Goodwin Bros Construction Co, in partnership with Black & Veatch Corporation, was selected for this project as the lowest, most responsive, and most responsible bidder with a contract amount of \$23,800,000.00, and a Technical Approach Score of 90, with subcontracting participation of 15.99% MBE and 14.39% WBE.

Other Bidder/Subcontracting Participation

MegaKC Corporation, in partnership with CDM Smith, Inc., was the only other bidder on this project at the amount of \$23,656,000.00 and a Technical Approach Score of 85. They did not submit 48-hour subcontracting documentation.

Estimated Project Cost

The estimated opinion of probable construction costs for this project is \$15,000,000.00.

Fiscal Impact

1. Is this legislation included in the adopted budget? ☒ Yes ☐ No
2. What is the funding source?
Sewer Revenue Bond Fund 2024A
AL-8194-807778-611060-81000710 = \$12,000,000.00
Sewer Fund
26-8110-807778-611060-81000710 = \$14,180,000.00
Westside WWTP Facility Upgrade
3. How does the legislation affect the current fiscal year?
This ordinance is supported by Fiscal Years 26 and 27 Water Services Annual CIP. Work on this project will be performed during the next two fiscal years to improve the reliability of the City's wastewater utility.
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 26 and 27. Work on the project is anticipated to be completed by 730 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)

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

N/A

Service Level Impacts

This Project is necessary to maintain current service level commitments for the facility and meet National Pollutant Discharge Elimination System (NPDES) permit requirements.

Other Impacts

1. What will be the potential health impacts to any affected groups?
Public health will be maintained by continuing to meet our sewer service level commitments.

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?

N/A

4. Does this legislation create or preserve new housing units?

No (Press tab after selecting)

N/A

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 was submitted to CREO KC for this design-build project on November 7, 2025, and was approved on November 24, 2025 with 16% MBE and 14% WBE participation.

There are Affirmative Action requirements on this contract.

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

Yes(Press tab after selecting)

List the three (3) lowest bidders in addition to the selected bidder.

- Goodwin Bros Construction Co / Black & Veatch Corporation
- MegaKC Corporation / CDM Smith, Inc.

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

No (Press tab after selecting)