City of Kansas City, Missouri

Docket Memo

Ordinance/Resolution #: 250041 - Revised
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 $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.

Discussion

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
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.

Term
The full term of this contract is 30 months from the date of the Notice to Proceed. The contract will be amended after 12 months to add Phase 2 – Construction Services.

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 is 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.

MBE/WBE Goals

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

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., 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) will be developed for Phase 2 – Construction Services.

Other Proposal/Subcontracting Participation

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.

Estimated Project Cost

The estimated opinion of probable costs for Phase 1 of this project was 30,285,250.00. The total estimated project cost is $100,000,000.00.

Fiscal Impact

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

2. What is the funding source?
   AL-8194-807778-611060-81000999 = $12,722,536.00
   Sewer Treatment Facilities

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 to improve the reliability of the City's wastewater system.

4. Does the legislation have a fiscal impact in future fiscal years? Please note 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 30 months from the Notice to Proceed date.

5. Does the legislation generate revenue, leverage outside funding, or deliver a return on investment?
   Yes, the City has applied for MDNR State Revolving Fund (SRF) funding for the total project estimated cost ($100,000,000.00) and is currently on the Fiscal Year 2025 Clean Water SRF Intended Use Plan.

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)

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 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.

Other Impacts

1. What will be the potential health impacts to any affected groups?
   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. Currently, the Blue River WWTP produces Class B biosolids which are land applied; the

treatment process for Class A biosolids eliminates pathogens, including viruses, which allows them to be used in wider applications, such as soil amendments or fertilizer.

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?
   Currently, the Blue River WWTP produces Class B biosolids which are land applied; the treatment process for Class A biosolids eliminates pathogens, including viruses, which allows them to be used in wider applications, such as sol amendments or fertilizer.

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.
   The Contractor Utilization Plan was submitted to CREO KC for the construction project on January 7, 2025, and was approved on January 23, 2025 with 14% MBE and 14.8% WBE partiicipation.

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)?
   Yes (Press tab after selecting)