



City of Kansas City, Missouri

Docket Memo

Ordinance/Resolution #: 260462

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

Authorizing the Director of Water Services to execute a \$13,425,900.00 design-build contract with Hartline Construction LLC, for the Blue River Wastewater Treatment Plant Primary Site Power Pen Project; authorizing a maximum expenditure of \$14,768,900.00; and recognizing this ordinance as having an accelerated effective date.

Discussion

Project Justification

The primary Blue River Wastewater Treatment Plant is located at 7300 Hawthorne Road, Kansas City, Jackson County, Missouri. It was constructed between 1964 and 1965 and initially expanded in 1987, with multiple upgrades and modifications made over the years since its construction.

It is a 120 million gallons per day (mgd) municipal wastewater treatment facility that discharges treated effluent into the Missouri River. The Blue River Wastewater Treatment Plant consists of separate primary and secondary treatment facilities, on separate sites located a short distance from one another. The primary site includes preliminary and primary liquid treatment operations and solids processing facilities. The secondary site, which is located at 7600 E. Front Street, Kansas City, Jackson County, Missouri, provides secondary treatment before ultimately discharging treated effluent to the Missouri River.

The new power pen for this project is to be designed and constructed to handle the current and projected electrical loads on the primary Blue River Wastewater Treatment Plant. The primary site includes influent pumping, influent screening, grit removal, primary clarifiers, primary sludge and scum pumping, sludge dewatering, the newly commissioned thermal hydrolysis process (THP) system, anaerobic digesters and side stream treatment. A new grit removal system is currently under construction as a design-build project, by others, in replacement of the existing grit facilities. Power to

the Wastewater Treatment Plant is currently fed from two separate substations serviced by Evergy. The current and projected loads on the primary site have been reviewed, and the existing electrical system has been determined to be sufficient to handle the expected loads at the site. However, the existing 13.2kV power pen has no space or spares available in the switchgear to add any additional loads beyond what is currently connected and is in poor condition. For this reason, a new power pen with new switchgear is recommended in replacement of the existing power pen on this site.

Due to the size of the project, the desire to allocate risk to one entity, and expedited nature 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 to allow Water Services Department 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 (OA) for the Project is Carollo Engineers, Inc. The OA will provide assistance during the FPDB process on behalf of the City throughout the Project. Ongoing coordination services and meetings with Water Services Department will be required.

Project Description

This project will replace the existing power pen at the Blue River Wastewater Treatment Plant, to install a new 15 kilovolt (kV) primary switchgear with automatic transfers upon loss of power. The electrical equipment will be housed in a new electrical building. The new power pen will have a 20% redundancy for future power needs at the facility.

The amount of this contract is \$13,425,900.00.

Term

The term of this contract is 853 calendar days.

MBE/WBE Goals

CREO KC established goals of 14% MBE and 14% WBE on this project on May 8, 2025 as part of the Annual Goal Program.

Solicitation

On August 6, 2025, a Request for Qualifications (RFQ) was issued for shortlisted proposers to provide technical and cost proposals for Fixed Price Design-Build (FPDB) services, including design, construction, startup, and commissioning.

A Request for Proposals was issued on August 6, 2025. This was the second step of a two-step selection process. Proposers were previously shortlisted to three (3) 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 March 17, 2026 with 3 bidders responding.

Awardee/Subcontracting Participation

The City-Wide Selection Committee met on March 11, 2026 to review and score the Technical Proposals received.

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

1. Eric Bunch, City Councilmember, 4th District
2. Jeff Martin, P.E., Assistant City Manager
3. Kenneth Morgan, P.E., Director of Water Services
4. Brent Herring, Water Services Deputy Director, Water and Wastewater Operations Officer
5. Adrian Hall, Water Services Utility Manager of Maintenance, Water and Wastewater

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.

Bidder	Technical Proposal Score (Max = 100)
Hartline Construction LLC	100
MegaKC Corporation	67
R/S Electric Corp.	55

2. Cost Proposal

Cost Proposal submittals were retained by the Procurement Officer until the public bid opening was held on March 17, 2026 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.

Bidder	Cost Proposal Scores (Max = 100)
Hartline Construction LLC	98
MegaKC Corporation	100
R/S Electric Corp.	96

3. Results

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

Bidder	Points Total
Hartline Construction LLC	198
MegaKC Corporation	167
R/S Electric Corp.	151

Awardee/Subcontracting Participation

Hartline Construction LLC was selected for this project as the lowest, most responsive, and most responsible bidder with a contract amount of \$13,425,900.00, a Technical Proposal Score of 100, and a Cost Proposal Score of 98 with a total Point Score of 198. Their subcontracting participation is 15.7% MBE and 29.5% WBE.

Other Bidder/Subcontracting Participation

Other bids received with proposed subcontracting participation are as follows:

- MegaKC Corporation / \$13,149,972.00 / Technical Proposal Score of 67 & Cost Proposal Score of 100 totaling 167 / 14% MBE & 14% WBE participation
- R/S Electric Corp. / \$13,689,238.00 / Technical Proposal Score of 55 & Cost Proposal Score of 96 totaling 151 / They did not submit M/WBE Contractor Utilization Plan paperwork

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?
27-8110-807778-611060-81001034 = \$14,768,900.00
Sewer Fund Sewer Treatment Facilities
3. How does the legislation affect the current fiscal year?
This ordinance is supported by the Fiscal Year 27 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 notate the difference between one-time and recurring costs.

5. Funds encumbered in the current fiscal year will be disbursed over Fiscal Year 27. Work on the project is anticipated to be completed by 853 days from the Notice to Proceed date.
6. 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)

Executing a \$14,768,900.00 design-build contract with Hartline Construction LLC, which is currently available in the mentioned account string - 27-8110-807778-611060-81001034

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

N/A

Service Level Impacts

This project is being completed to replace existing electrical infrastructure that is nearing its existing life and is prone to failure; a failure at this Facility endangers KC Waters' ability to effectively meet its regulatory and service requirements. The new power pen will also be constructed with a 20% capacity contingency to allow for future required upgrades at the Blue River WWTP to continue to meet its service level commitments.

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?
There will not be any health impacts.
2. How have those groups been engaged and involved in the development of this ordinance?
No engagement was necessary.
3. How does this legislation contribute to a sustainable Kansas City?
The new electrical system will provide safe and reliable power to the Wastewater Treatment Plant to maintain treatment of incoming flows.
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 the construction project on April 23, 2026, and is pending approval.

There are Affirmative Action Program requirements on this project.

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

☒ Yes (Press tab after selecting)

The 3 lowest bidders in addition to the selected bidder are as follows:

- Hartline Construction LLC
- MegaKC Corporation
- R/S Electric Corp

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

☐ No (Press tab after selecting)