



City of Kansas City, Missouri

Docket Memo

Ordinance/Resolution #: 240212

Submitted Department/Preparer: Water

Revised 11/01/23

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 \$833,455.00 design professional services contract Amendment No. 5 with Black & Veatch Corporation, for the Buckeye Creek Pump Station Rehabilitation; authorizing an extension of the term of Contract No. 1137 for an additional 455 days for a total term of 3,597 days (approximately 9.86 years) for a total contract amount of \$4,541,868,00.

Discussion

Project Justification

The Buckeye Creek Pump Station, located at 5201 Birmingham Road, Kansas City, Clay County, Missouri is a facility approximately 50 years old and is in need of rehabilitation. Currently, large grit and debris flows directly in to the pump station, which reduces the service life of the equipment. Additionally, the wet well at the facility is currently a permitted confined space; as a result of this project, the wet well will be enclosed with no entry point, thus removing the potentially hazardous environment for City staff to enter. The electrical switchgear and pump station instrumentation is old and in need of replacement.

The pump station takes gravity flow from Kansas City North (north of the Missouri River), biosolids from the City's northern treatment plants, and flow from the City of North Kansas City.

Design Professional Services Project Description/Executed Contracts + Amendments

City Council passed Ordinance No. 141046 on December 18, 2014 authorizing a \$244,000.00 contract Design Professional Services contract with Black & Veatch Corporation with a maximum obligation of \$1,600,000.00 to provide a condition assessment, evaluation, screening for rehabilitation or replacement alternatives with estimated costs, inspection plan, and limited geotechnical and topographical surveys was performed.

A \$1,019,655.00 Amendment No. 1 was approved on December 21, 2017 under Ordinance No. 141046 for the design phase services of the 36-inch high density polyethylene (HDPE) force main.

City Council passed Ordinance No. 190414 on May 23, 2019 authorizing the construction project and Amendment No. 2 in the amount of \$1,318,858.00 for construction phase services for the Buckeye Creek Force Main project and design phase services for the pump station rehabilitation.

City Council passed Ordinance No. 210199 on March 25, 2021 authorizing Amendment No. 3 in the amount of \$880,900.00 for additional construction phase services (CPS) for the force main installation and bar screen design activities.

A \$245,000.00 Amendment No. 4 was approved on September 18, 2022 under Ordinance No. 210199 for additional design phase services to provide preliminary, detailed design and bidding phase services for Screening and SCADA Improvements to incorporate a Screening Facility to house the mechanical bar screen, shaftless screw conveyor and loading bay which consists of a 20 cubic yard dumpster.

This proposed \$833,455.00 Amendment No. 5 will primarily provide engineering office and field support services for the screening and SCADA improvements project. Field representative construction phase services will be provided for all work included in the construction contract documents. This amendment will also provide a LiDAR Scan & BIM for the entire pump station.

Term

An additional 455 calendar days is being added to this contract under this proposed ordinance for Amendment No. 5, for a total contract term of 3,597 days (approximately 9.86 years).

Design Professional Services Contract Cost Summary

Original Contract:	\$244,000.00
Amendment No. 1:	\$1,019,655.00
Amendment No. 2:	\$1,318,858.00
Amendment No. 3:	\$880,900.00
Amendment No. 4:	\$245,000.00
<u>Proposed Amendment No. 5:</u>	<u>\$833,455.00</u>
Total:	\$4,541,868.00

MBE/WBE Goals

The Human Relations Department (now known as CREO KC) established goals of 15% MBE and 10% WBE on this design professional services project on April 29, 2014.

A Request for Modification was submitted to CREO KC on December 27, 2023, and was approved on January 23, 2024 with participation of 15% MBE and 10% WBE for this proposed Amendment No. 5.

There are Affirmative Action Program requirements in this contract.

Fiscal Impact

1. Is this legislation included in the adopted budget? ☒ Yes ☐ No
2. What is the funding source?
24-8110-807777-611040-81000727 = \$833,455.00 / Sewer Pump Stations
8110: Sewer Fund
3. How does the legislation affect the current fiscal year?
This project was included in the 2024 CIP.
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. ☐ Yes ☒ No
2. This fund has a structural imbalance. ☐ Yes ☒ No
3. Account string has been verified/confirmed. ☒ Yes ☐ No

Additional Discussion (if needed)

Previously encumbered funds are dedicated to this project, sufficient balance exists

Citywide Business Plan (CWBP) Impact

1. View the [FY23 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

City Council passed Ordinance No. 141046 on March 14, 2014 authorizing a \$244,000.00 design professional services contract with Black & Veatch Corporation for the Buckeye Creek Pump Station Rehabilitation project.

The City executed a \$1,019,655.00 Amendment No. 1 on December 21, 2017 adding scope of services and fees for the Buckeye Creek Pump Station Rehabilitation project.

City Council passed Ordinance No. 190414 on June 2, 2019 authorizing a \$1,318,858.00 Amendment No. 2 (which was executed by the City on August 19, 2019 adding additional scope of services and fees) to the design professional services contract with Black & Veatch Corporation for the Buckeye Creek Pump Station Rehabilitation project.

City Council passed Ordinance No. 210199 on April 4, 2021 authorizing a \$880,900.00 Amendment No. 3 (which was executed by the City on June 15, 2021 adding additional scope of services and fees) to the design professional services contract with Black & Veatch Corporation for the Buckeye Creek Pump Station Rehabilitation project.

The City executed a \$245,000.00 Amendment No. 4 on September 18, 2022 adding additional scope of services and fees for the Buckeye Creek Pump Station Rehabilitation project.

City Council passed Committee Substitute for Ordinance No. 230878 for a \$5,600,000.00 construction contract with Goodwin Bros. Construction Co., for the Buckeye Creek Pump Station Screening and Instrumentation and Controls (I&C); and authorized a maximum expenditure of \$6,160,000.00.

Service Level Impacts

This project will increase the service reliability of the Buckeye Creek Pump Station by removing large grit and debris, which will extend the life of the equipment, and by upgrading the instrumentations and controls within the Pump Station.

Other Impacts

1. What will be the potential health impacts to any affected groups?

The wet well at the facility is currently a permitted confined space; as a result of this project, the wet well will be enclosed with no entry point, thus removing the potentially hazardous environment for City staff to enter.

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?

This project will reduce operating costs by replacing inefficient motors and pumps as well as replace equipment that is not functioning to increase operational efficiencies.

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.

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A Request for Modification was submitted to CREO KC on December 27, 2023, and was approved on January 23, 2024 with participation of 15% MBE and 10% WBE for this proposed Amendment No. 5.

There are Affirmative Action Program requirements on this contract.

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

No(Press tab after selecting)

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

7. Does this legislation seek to approve a contract resulting from a Request for Proposal/Qualification (RFP/Q)?
No(Press tab after selecting)