City of Kansas City, Missouri

Docket Memo

Ordinance/Resolution #: 250510
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 $2,054,790.00 design professional services contract Amendment No. 8 to Contract No. 1394 with Carollo Engineers, Inc., for the Blue River Wastewater Treatment Plant (WWTP) Biosolids Facility project for a total contract amount of $22,602,694.77; authorizing an extension of the term for an additional 504 days for a total term of 3,059 days (8.38 years); and recognizing this ordinance as having an accelerated effective date.

Discussion

Project Justification
Water Services is undertaking this project to provide sustainable biosolids processing at our main wastewater treatment plant facilities, meet our proposed consent decree requirements, meet the requirements of our national pollution discharge elimination system (NPDES) permit, federal regulations for sludge stabilization and disposal, and meeting the KC Water Cost of Service Task Force Recommendation to pursue state and federal funds for water and wastewater infrastructure on its legislative agenda.

Design Professional Services Project Description/Executed Contract Summary
Services provided under this contract are for preliminary design, conceptual design, and assistance in selecting the project delivery method for the following scope of work:

- Advance anaerobic digestions for processing wastewater sludge from the Blue River WWTP, Westside WWTP, and Birmingham WWTP;
- Sludge screening;
- Sludge degritting;
- Predewatering equipment;
- Final dewatering equipment;
- Intermediate sludge storage facilities;
- Cooling sludge heat exchangers;
- Sidestream ammonia treatment;

- Rehabilitation of the Blue River Solids Building;
- Rehabilitation of the east holding tank;
- Upgrading and replacing obsolete electrical systems including a power study for portions of the Blue River WWTP;
- Rehabilitation and upgrading of the anaerobic digesters;
- Boilers for steam generation;
- Power generation from biogas;
- Nutrient recovery;
- Dewatered sludge storage;
- Treatment of digester biogas; and
- Site investigation of existing infrastructure.

This project is located at the Blue River Wastewater Treatment Plant, 7300 Hawthorne Road, in Kansas City, Jackson County, Missouri.

City Council passed Ordinance No. 180507 on July 19, 2018 authorizing a $6,327,902.77 design professional services contract, which was executed by the City on August 15, 2018, with Carollo Engineers, Inc. for the Blue River WWTP Biosolids Facility project. The City executed the contract on August 15, 2018.

The City executed a no-cost Amendment No. 1 on August 13, 2019 to redistribute funds within the contract.
City Council passed Ordinance No. 190815 on October 10, 2019 authorizing a $2,220,000.00 design professional services contract Amendment No. 2 for scope of services changes to add procurement phase services to the project. The City executed the amendment on November 20, 2019.

City Council passed Ordinance No. 200954 on November 12, 2020, authorizing a $5,170,000.00 design professional services contract Amendment No. 3 for construction phase services for Year 1 of the project and an extension of the term by five (5) years for a total contract term of seven (7) years. The City executed the amendment on January 6, 2021.

The City executed a $2,711,325.00 Amendment No. 4 on February 14, 2022, under funding approved in Ordinance No. 200954, for construction phase services, engineering services and optional services for Year 2 of the project.

The City executed a no-cost Amendment No. 5 on April 26, 2023 to redistribute funds within the contract.

The City executed a $2,501,190.00 Amendment No. 6 on July 24, 2023, under funding approved in Ordinance No. 200954, for construction phase services, engineering services and optional services for Year 3 of the project.

The City executed a $1,617,485.00 Amendment No. 7 on April 17, 2024, under funding approved in Ordinance No. 200954, for construction phase services, engineering services and optional services for Year 4 of the project.

This proposed ordinance is for a $2,054,790.00 Amendment No. 8 construction phase services, engineering services and optional services for Year 5 of the project due to a construction project delay as a result of supply chain issues with electrical gear. This proposed ordinance also adds 504 days to the contract for a total contract term of 3,059 days (8.38 years).

Term

Amendment No. 8 adds 504 days to the contract for a total term of 3,059 days (8.38 years).

Design Professional Services Contract Cost Summary

- Original Contract: $6,327,902.77
- Amendment No. 1: $0.00
- Amendment No. 2: $2,220,000.00
- Amendment No. 3: $5,170,000.00
- Amendment No. 4: $2,711,325.00
- Amendment No. 5: $0.00
- Amendment No. 6: $2,501,190.00
- Amendment No. 7: $1,617,485.00
- Proposed Amendment No. 8: $2,054,790.00
- Total: $22,602,692.77

MBE/WBE Goals

The Human Relations Department (now known as CREO KC) established goals of 17% MBE and 8% WBE on this design professional services project on February 23, 2018, which pre-dated the Annual Goal Program.

Original Solicitation

This Project was originally advertised in accordance with the City's requirements. Three proposals were received on April 2, 2018.

Awardee/Subcontracting Participation

A city-wide selection committee met on May 8, 2018 and consisted of the following individuals:

- Jermaine Reed, Councilperson for Council District 3
- Troy Schulte, City Manager
- Terry Leeds, Director of Water Services
- D. Matt Bond, Deputy Director of Water Services

Carollo Engineers, Inc. was recommended for this project with a contract amount of $6,327,902.77, with subcontracting participation of 20% MBE and 7% WBE.

Other Proposals Received

- Black & Veatch Corporation
- AECOM Technical Services, Inc.

Estimated Project Cost

The City's estimated cost for this amendment is $2,054,790.00.

Fiscal Impact

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

2. What is the funding source?
   Sewer Rev Bond Fund - AL-8193-807778-611040-81000821 = $1,000,000.00
   Sewer Fund - 26-8110-807778-611040-81000821 = $1,054,790.00
   Sewer Treatment Facilities

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. ☐ 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

City Council passed Ordinance No. 180507 on July 19, 2018 authorizing a $6,327,902.77 design professional services contract with Carollo Engineers, Inc., for the Blue River WWTP Biosolids Facility project.

City Council passed Ordinance No. 190815 on October 10, 2019 authorizing a $2,220,000.00 design professional services contract Amendment No. 2 with Carollo Engineers, Inc., for scope of services changes to add procurement phase services to the project; and

City Council passed Ordinance No. 200954 on November 12, 2020 authorizing a $5,170,000.00 design professional services contract Amendment No. 3 with Carollo Engineers, Inc., for construction phase services for Year 1 of the project and an extension of the term by five (5) years for a total contract term of seven (7) years.

Service Level Impacts

This project is necessary to meet the service level commitments of the Wastewater Utility to process wastewater and meet our federal permit requirements.

Other Impacts

1. What will be the potential health impacts to any affected groups?
   This project allows the City to maintain public health.

2. How have those groups been engaged and involved in the development of this ordinance?
   Public meetings were held on this project prior to the procurement of a design-builder when the design was at 30%, allowing for substantial public input to affect the design without excessive redesign costs.

3. How does this legislation contribute to a sustainable Kansas City?
   This project will create significant biogas that can be used for generating clean energy or producing steam for Water Services.

   This project will also produce class A biosolids that can be used by the general public and used in public areas. This project will also give Water Services the ability to recover phosphorus in the future.

4. Does this legislation create or preserve new housing units?
   No (Press tab after selecting)

   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 original Contractor Utilization Plan was submitted to Human Relations Department for review on July 9, 2018, and was approved on July 12, 2018 with 20% MBE and 7% WBE participation.

   A Request for Modification was submitted to the Human Relations Department on September 18, 2019 and was approved on October 1, 2019 with 15% MBE and 7% WBE participation.

   An updated Contractor Utilization Plan was submitted to CREO KC for this proposed Amendment No. 8 on June 17, 2025, and is pending approval.

   There are Affirmative Action Program requirements in this contract.

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

   No(Press tab after selecting)

   N/A

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