

# CONTRACT

220193

## Ordinance Fact Sheet

## Construction/Misc. Form

updated 2-23-2022

**Brief Title** \_\_\_\_\_ **Approval Deadline** \_\_\_\_\_

Authorizing a construction contract and a design professional services Amendment No. 2 to the Birmingham Headworks and Electrical Improvements projects.

**Reason** \_\_\_\_\_

Appropriating funds to a construction contract; authorizing execution of a construction contract; authorizing execution to a design professional services amendment; and authorizing an extension of the design professional services amendment's term.

**Details** \_\_\_\_\_

**Reason for Contract**

Authorizing a construction contract, an Amendment No. 2 to a design professional services contract, including a term extension for the Birmingham Headworks and Electrical Improvements projects.

**Discussion**

**Contract Summary**

City Council approved Ordinance No. 150123 on February 26, 2015 approving a \$1,100,000.00 design professional services contract with CDM Smith, Inc. for the Birmingham and Westside Wastewater Treatment Plants Grit Removal, Aeration, and Digester Improvements Project. The ordinance also authorized maximum expenditures of \$2,000,000.00 on this project without additional City Council approval.

A \$1,063,000.00 Amendment No. 1 was executed on September 27, 2019, which entailed additional project scope of services for design professional services for replacement of electrical equipment, motor control centers, switchgear, and transformers, at the Birmingham Wastewater Treatment Plant.

**Project Justification**

The Birmingham Wastewater Treatment Plant treats wastewater flows received from the northland. Grit (sand) and screenings (flushable wipes) must be more effectively removed from the wastewater prior to the enable future aeration improves, allow downstream biosolids processes to function, and reduce operations costs.

The initial design work included \$1,100,000.00 for the Birmingham Wastewater Treatment Plant grit removal, aeration, and digester improvements. This project was delayed and modified due to budget constraints. Aeration improvements were removed due to possible consent decree modifications, and digester improvements were found to be impractical. During initial design, the condition of the electrical equipment at the plant was found to poor and requires significant upgrades.

Work at the Westside Wastewater Treatment Plant was designed under another project.

Work under this project will be performed at the Birmingham Wastewater Treatment Plant, located at 10801 N.E. 28th Street, in Clay County, Kansas City, Missouri. Prior work was performed at both the Birmingham Wastewater Treatment Plant, and the Westside Wastewater Treatment Plant, located at 1849 Woodswether Road, in Jackson County, Kansas City, Missouri.

**Roles and Responsibilities**

Sponsor	Water Services Department
Department or Programs Affected	Water Services Department
Recommended Awardee	MegaKC Corporation / CDM Smith, Inc.
Contract Compliance Certification Obtained?	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
Opponents	Groups or Individuals  None known  Reason for Opposition
Responsibilities	Design Engineering: CDM Smith, Inc.  Inspections: CDM Smith, Inc.  Construction or Project Management:  City staff  Service Monitoring:  City staff

**Policy/Program Impact**

Policy or Program Emphasis Change	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Operational Impact Assessment	

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**Details**

**Construction Project Description**

The scope of work for the construction project includes the following: Installation of a new headworks facility within and above the existing grit basin, construction of a new electrical room adjacent to the new headworks facility, modifications to the existing aeration control building, installation of a new slide gate, electrical improvements to replace aging electrical infrastructure, and improving facility lighting.

The amount of this construction contract is \$14,788,000.00.

**Design Professional Services Contract Summary**

City Council approved Ordinance No. 150123 on February 26, 2015, which authorized \$1,100,000.00 for a Design Professional Services contract for the Birmingham Wastewater Treatment Plant grit removal, aeration, and digester improvements.

City Council approved Ordinance No. 190557 for a \$1,063,000.00 Amendment No. 1 on July 18, 2019 for additional project scope of services for the design professional services for replacement of electrical equipment, motor control centers, switchgear, and transformers, at the Birmingham Wastewater Treatment Plant.

This proposed \$2,263,344.81 will include construction phase services and resident project representative services during the construction phase of the project.

This proposed amendment will also extend the contract term an additional 2 years 9 months for a total term of 8 years 9 months. This term exceeds the maximum duration of 6 years allowed by Code of Ordinance Sec. 3-43.

**Design Services Contract Summary**

Original Contract:	\$1,100,000.00
Amendment No. 1:	\$1,063,000.00
Proposed Amendment No. 2:	\$2,263,344.81
Total:	\$4,426,344.81

