

CONTRACT

Ordinance Fact Sheet

Amendment Form

Brief Title	Approval Deadline	Reason
Authorizing a Construction Change		To authorize execution and expenditures of a Construction Change
Order No. 3 to the Buckeye Creek		Order and Design Professional Services Amendment.
Force Main and a Design Professional		
Services Amendment No. 3 to the		
Buckeye Creek Pump Station		
Rehabilitation projects.		

Details

Reason for Contract

This proposed ordinance will be for authorization of funds and execution of a Change Order No. 3 to the construction project for unforeseen work on a force main at the Buckeye Creek Pump Station, and an Amendment No. 3 for construction phase services for the design professional services contract.

Discussion

Project Justification

The Buckeye Creek Pump Station, located at 5201 Birmingham Road, is a facility approximately 50 years old and is in need of rehabilitation. Additionally, one of the two force mains under the Missouri River has failed on two separate occasions, once damaging the levee. Yard valves are now in complete failure and one pump has failed causing flooding and ruining the elevator within the facility. 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), from the City's northern treatment plants, and flow from the City of North Kansas City.

Construction Contract Summary/Project Description

City Council passed Ordinance No. 190414 on May 23, 2019 authorizing a \$8,869,216.00 construction contract with Pyramid Excavation & Construction, Inc. for replacement of an existing 24-inch force main at the Buckeye Creek Pump Station due to failure, age, and deterioration. The project includes the construction of a new 36-inch high density polyethylene (HDPE) pipe to replace one of the 24-inch force mains.

A \$380,039.29 Change Order No. 1 was approved on February 4, 2021 under Ordinance No. 190414 for work involving additional work at the pump station, adding a bypass connections, adjustments to the south site drilling location and additional project costs.

A \$510,000.00 Change Order No. 2 will be approved in early March under Ordinance No. 190414 for work involving the mobilization of a larger 32-inch hammer for the installation of the 54-inch conductor casing at the pump station.

Roles and Responsibilities

Sponsor	Water Services Department
Department or Programs Affected	Water Services Department
Recommended Awardee	Pyramid Excavation & Construction, Inc. / Black & Veatch Corporation
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: Black & Veatch Corporation Inspections: Black & Veatch Corporation Construction or Project Management: Service Monitoring:

Policy/Program Impact

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

Details

The proposed \$1,834,100.00 Change Order No. 3 addresses an underground change or condition claim due to the installation of 54-inch conductor casing at the pump station site and includes the following:

- Mobilization of a reamer for drilling to clean out the casing;
- Contingency to grout the end of the casing if needed to seal the end of the casing and also to prevent any fracking;
- Structural modifications included for the 60 foot section of conductor casing above grade for the hammering activities;
- Items from previous work to address the underground change of condition, including the removal of a stuck auger in the 54-inch casing, standby time related to horizontal drilling activities, and overhead costs of the contractor.
- Cleaning out the casing and hydrostatic testing of the HDPE forcemain. North drilling rig demobilization costs. Drilling to confirm the change of condition claim and presence of cobbles.
- Continuous operations, 24/7 for the Southern Road Site.

Construction Contract Cost Summary

Original Contract:	\$8,869,216.00
Change Order 1:	\$380,039.29
Proposed Change Order No. 2:	\$510,000.00
Proposed Change Order No. 3:	\$1,834,100.00
Total:	\$11,593,355.29

Design Professional Services Contract Summary/Project Description

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.

The proposed \$880,900.00 Amendment No. 3 will include additional construction phase services (CPS) for the force main installation and bar screen design activities.

Design Professional Services Contract Cost Summary

Original Contract:	\$244,000.00
Amendment 1:	\$1,019,655.00
Amendment 2:	\$1,318,858.00
Proposed Amendment 3:	\$880,900.00
Total:	\$3,463,413.00

Details

Human Relations Approval

The subcontracting goals for the construction project for Contract No. 1494 with Pyramid Excavation & Construction, Inc. are 2% MBE and 3% WBE and will remain unchanged for the proposed amendment.

The subcontracting goals for design professional services Contract No. 1137 with Black & Veatch Corporation are 15% MBE and 10% WBE and remain unchanged for the proposed amendment.

Grant Funding

N/A

Is it good for the children? Yes.

How will this contribute to a sustainable Kansas City?

This project will replace and rehabilitate aging infrastructure to provide reliable service to customers.

Finances

City's Estimate of Cost	\$ 3,460,000.00		
Bid or Proposal Data	Lowest Contract Cost Submitted \$ NA FOR AMENDMENT		
	No .of Proposals Considered		
	Reason for rejecting lowest contract cost submitted		
	Other Bidders or Contractors Considered	Contract Costs Submitted	
		\$	NA FOR AMENDMENT
		\$	AMENDMENT
		\$	
		\$	
		\$	
		\$	
		\$	
		\$	
		\$	
		\$	
		\$	
		\$	
		\$	
	Fund Sources and Appropriation Account Codes For This Contract	21-8110-807777-611060-81000727 = \$2,069,100.00 (Change Order + Contingency) 21-8110-807777-611040-81000727 = \$880,900.00 (DPS Amendment) Sewer Pump Stations	
Source of Future Operating Funds			
Maximum Amount of Proposed CHANGE ORDER & AMENDMENT	Change Order Amendment	\$	1,834,100.00
		\$	880,900.00
Amount of Contingency		\$	235,000.00
Engineering & Administration		\$	
TOTAL \$ 2,950,000.00			

Council Committee Actions

Do Pass	<input type="checkbox"/>	<input type="checkbox"/> Hold
Do Pass (as amended)	<input type="checkbox"/>	<input type="checkbox"/> W/o Recommendation
Committee Sub.	<input type="checkbox"/>	<input type="checkbox"/> Do Not Pass

Estimated Duration of Contract:

The estimated duration of the construction contract is 1,000 calendar days.

Fact Sheet Prepared by:

Date:

Leona Walton

2/17/2021

Contracts Manager

Reviewed by:

Date:

D. Matt Bond

2/26/2021

Deputy Director

Reference Numbers:

Contract No. 1494 (Construction)
Contract No. 1137 (Design Prof. Services)
Project No. 81000727