

CONTRACT

220659

Ordinance Fact Sheet

Construction/Misc. Form

Brief Title	Approval Deadline	Reason
Authorizing a Construction Contract for the Inflow and Infiltration (I/I) Reduction: Line Creek Rock Creek Areas 3 & 4 project and authorizing Design Professional Services Amendments to Contract No. 1402 and 1349 for Construction Phase Services.		To authorize execution of a Construction Contract and expenditures and to authorize execution of Design Professional Services Amendments.

Details

Reason for Contract

In 2010, the City of Kansas City, Missouri entered into a Consent Decree with the United States Environmental Protection Agency (EPA) to reduce the volume and frequency of overflows from the City's sewer system over a 25-year period. In March 2021 the Consent Decree was modified to include additional interim and revised final performance criteria and to extend its duration to 30 years. The City's Smart Sewer Program is currently in year 12 of a 30-year implementation period.

This project will improve the capacity of the wastewater collection system and lessen the volume of sewer overflows from the sanitary sewer system by repairing defects in pipes and manholes. The reduction in infiltration and inflow will help restore capacity in the wastewater collection system and reduce wet-weather flows to Blue River WWTP.

Discussion

Project Justification

The purpose of this project is to rehabilitate aging sewer pipes to like-new conditions and to restore capacity to the wastewater collection system, thereby reducing the volume and frequency of separate sanitary sewer overflows.

Design Professional Services Contract Summary

City Council passed Ordinance No. 170373 on May 25, 2017, authorizing a \$580,000.00 Design Professional Services Contract Number 1349 with Olsson Associates, Inc. for Line Creek/Rock Creek Basin Area 3 I/I Reduction project. The Design Professional Services contract included services to assess sanitary sewers, identify and quantify structural deficiencies, and develop rehabilitation recommendations. On July 31, 2019 Amendment No. 1 to the original contract was approved in the amount of \$120,000.00 to include preparation final construction contract documents.

Proposed Amendment No. 2, in the amount of \$390,000.00, for Olsson Associates, Inc. will provide for construction phase services. These services include project management and administration services, construction office and field support services, and resident project representative services in the Design Professional's project area.

Cost Summary: Olsson Associates, Inc. (Contract No. 1349)

Original Contract:	\$ 580,000.00
Amendment No. 1:	\$ 120,000.00
Proposed Amendment No. 2	\$ 390,000.00
Total Contract:	\$1,090,000.00

City Council passed Ordinance No. 180344 on May 10, 2018, authorizing a \$715,000.00 Design Professional Services Contract Number 1402 with CH2M Hill Engineers, Inc. for Line Creek/Rock Creek Area 4 Inflow and Infiltration (I/I) Reduction project. The Design Professional Services contract included services to assess sanitary sewers, identify and quantify structural deficiencies, and develop rehabilitation recommendations. On March 23, 2020 Amendment No. 1 to the original contract was approved in the amount of \$127,000.00 to include preparation of final construction contract documents.

Proposed Amendment No. 2, in the amount of \$323,000.00, for CH2M Hill Engineers, Inc. will provide for construction phase services. These services include project management and administration services, construction office and field support services, and resident project representative services in the Design Professional's project area.

Roles and Responsibilities

Sponsor	Water Services Department
Department or Programs Affected	Smart Sewer Program
Recommended Awardee	SHEDIGS IT, L.L.C.
Contract Compliance Certification	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
Obtained?	
Opponents	Groups or Individuals None known Reason for Opposition
Responsibilities	Design Engineering: CH2M Hill Engineers, Inc. Olsson Associates, Inc. Inspections: City Staff / Olsson Associates, Inc. / CH2M Hill Engineers, Inc. Construction or Project Management: City Staff / Olsson Associates, Inc. / CH2M Hill Engineers, Inc. Service Monitoring: City Staff

Policy/Program Impact

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

(Continued on reverse side)

Details

Cost Summary: CH2M Hill Engineers, Inc. (Contract No. 1402)

Original Contract:	\$ 715,000.00
Amendment No. 1:	\$ 127,000.00
Proposed Amendment No. 2	\$ 323,000.00
Total Contract:	\$1,165,000.00

The final construction contract documents prepared by each Design Professional were merged into a single set of contract documents for soliciting construction.

Construction Contract Description

The scope of work to be provided under the I/I Reduction: Line Creek Rock Creek Areas 3 & 4 construction contract includes rehabilitation of approximately 10,800 linear feet (LF) of sewer mains ranging in size from 8-inch to 24-inch, 1,600 feet of total pipe replacement ranging in diameter from 8-inch to 15-inch, 43 open cut main line point repairs, 172 service connection repairs, and repairs to 830 manholes.

The amount of the proposed construction contract is \$5,909,177.00 plus a contingency amount of \$590,823.00 for a total of \$6,500,000.00.

Construction Contract Solicitation

The I/I Reduction: Line Creek Rock Creek Areas 3 & 4 construction contract was advertised in accordance with the City's requirements on May 3, 2022 with bids opened on June 7, 2022.

The SHEDIGS IT, L.L.C. submitted the lowest and best bid.

Grant/Loan Funding

N/A

Civil Rights and Equal Opportunity Department Approval

The goals for Design Professional Services Contract No. 1402 were established by the Human Relations Department at 15% MBE and 10% WBE and remain unchanged for the proposed amendment.

The goals for Design Professional Services Contract No. 1349 were established by the Human Relations Department at 15% MBE and 10% WBE and remain unchanged for the proposed amendment.

The goals for the construction contract were established by the Civil Rights and Equal Opportunity Department at 12% MBE and 12% WBE on April 13, 2022. Construction subcontracting information was submitted to the Civil Rights and Equal Opportunity Department for review on July 20, 2022, and was approved on July 22, 2022 with 13% MBE and 12% WBE participation. See the attached docket memo.

Youth Employment Program

N/A

1% for Art

N/A

Is it good for the children? Yes.

How will this contribute to a sustainable Kansas City?

This project will contribute to a sustainable Kansas City by improving the performance, capacity, and reliability of the City's sanitary sewer systems, and improving water quality by reducing overflows within the project area.

Estimated Duration of Contract: 450 calendar days

Fact Sheet Prepared by:

Leona Walton
Contracts Manager

Date:

7/26/2022

Reviewed by:

Srini Vallabhaneni
Smart Sewer Officer

Date:

7/27/2022

Reference Numbers:

Contract No. 1545 (Construction)
Contract No. 1402 & 1349 (Design Professional Services)
Project No. 81000691 & 81000802

Finances

City's Estimate of Cost				\$	8,041,314.00
Bid or Proposal Data	Lowest and Best Contract				
	Cost Submitted	\$			5,909,177.00
Bid Date:	Recommended Awardee: SHEDIGS IT, L.L.C.				
6/7/2022					
	No. of Bids Submitted: 3				
	Selected lowest and best bid				
	Other Bidders or Contractors Considered				Contract Costs Submitted
	The Havens Construction Co.	\$			6,073,868.00
	Infrastructure Solutions, Inc.	\$			6,556,048.00
		\$			
		\$			
		\$			
		\$			
		\$			
		\$			
		\$			
		\$			
Fund Sources and Appropriation	23-8110-807769-611060-81000691 (Construction) = \$6,500,000.00				
Account Codes	23-8110-807769-611040-81000691 (DPS Amendment) = \$390,000.00				
For These Contracts	23-8110-807769-611040-81000802 (DPS Amendment) = \$323,000.00				
	Overflow Control Program				
	Project No. 81000691/81000802				
Source of Future Operating Funds					
Proposed Construction Contract				\$	5,909,177.00
Construction Contingency				\$	590,823.00
1349 Amendment 2				\$	390,000.00
1402 Amendment 2				\$	323,000.00
Engineering & Administration				\$	-
TOTAL				\$	7,213,000.00

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