

CONTRACT

220451

Ordinance Fact Sheet

Construction/Misc. Form

| Brief Title | Approval Deadline | Reason |
|--|-------------------|--|
| Authorizing a Construction Contract for the Supplemental Inflow and Infiltration (I/I) Reduction: Round Grove Basin project and authorizing Design Professional Services Amendment No. 1 to Contract No. 1559 for Construction Phase Services. | | To authorize execution of a Construction Contract and expenditures and to authorize execution of a Design Professional Services Amendment. |

| Details | Roles and Responsibilities |
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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.

In 2012 the City performed an initial I/I reduction project in the Round Grove basin. the previous project consisted mostly of manhole rehabilitation and achieved measureable peak flow reduction in the Round Grove Interceptor.

Discussion

The supplemental I/I reduction project focuses more on pipe and lateral rehabilitation and will further reduce stormwater inflow and groundwater infiltration (I/I) into the sanitary sewer system by repairing defects in pipes, laterals, and additional manholes. The additional reduction in infiltration and inflow will help restore capacity in the wastewater collection system and reduce wet-weather flows to Blue River Wastewater Treatment Plant.

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. 190671 on August 22, 2019 authorizing a \$515,000.00 Design Professional Services Contract Number 1559 with Crawford, Murphy, & Tilly, Inc. for Supplemental Inflow and Infiltration (I/I): Round Grove Basin. The Design Professional Services contract included services to assess sanitary sewers, identify and quantify structural deficiencies, develop rehabilitation recommendations, and prepare final construction contract documents.

Proposed Amendment No. 1, in the amount of \$840,000.00, for Crawford, Murphy & Tilly, 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.

Cost Summary: Crawford, Murphy & Tilly, Inc. (Contract No. 1559)

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|---------------------------|----------------|
| Original Contract: | \$515,000.00 |
| Proposed Amendment No. 1: | \$840,000.00 |
| Total Contract: | \$1,355,000.00 |

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| Sponsor | Water Services Department |
| Department or Programs Affected | Smart Sewer Program |
| Recommended Awardee | The Havens Construction Co., Inc. |
| 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: Crawford, Murphy & Tilly, Inc. Inspections: City Staff / Crawford, Murphy & Tilly, Inc. Construction or Project Management: City Staff / Crawford, Murphy & Tilly, 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 | |

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