

COUNCIL ACTION FORM

**SUBJECT: 2021/22 SANITARY SEWER REHABILITATION DESIGN –
PROFESSIONAL SERVICE AGREEMENT**

BACKGROUND:

This is the annual program for rehabilitation/reconstruction of deficient sanitary sewers and deteriorated manholes at various locations throughout the City. The goal of this program is to identify and remove major sources of inflow/infiltration (I/I) to regain pipe capacity and reduce the wet weather flow at the treatment plant. The program typically includes work such as the lining of existing mains or spray lining of existing structures, as well as complete removal and replacement of structures and sanitary sewer mains.

In December 2020, staff initiated a Request for Proposals for the 2021/22 Sanitary Sewer Rehabilitation project designs. Proposals for this work were received from four engineering firms and their qualifications were evaluated according to the following criteria: Project Understanding, Approach to Customer Service, Key Personnel, Relevant Experience, Ability to Perform Work, References, and Fee. Listed below is the ranking information based on this evaluation:

Firm	Qualifications Based Score	Qualifications Based Rank	Fee	Final Rank
WHKS	87.3	1	\$ 222,000	1
MSA	77.3	2	\$ 200,030	2
CGA	74.5	3	\$ 295,000	4
Fox Engineering	72.0	4	\$ 213,000	3

After weighing the qualifications and estimated fees for these four firms, staff has negotiated a contract with WHKS of Ames, Iowa. WHKS scored highest based on qualifications and had the third lowest fee at \$222,000. WHKS performed the design services for last seven sanitary sewer rehabilitation projects, therefore, **WHKS has the most extensive project knowledge and insight.** The firm has also performed observation on multiple SRF-funded projects such as this for the City of Ames. The WHKS team will also provide training to City staff on these rehabilitation methods so that future projects can be administered by City Staff.

Program Budget:

	Estimated Expenses	Available Revenue
2021/22 Sanitary Sewer Rehab – Flood Prone MH (Worle Creek)	\$ 600,000	
2021/22 Sanitary Sewer Rehab – Expansion/Rehab Trunkline (High School & Veenker Golf)	\$3,100,000	
2021/22 Engineering and administration (Design)	\$ 222,000	
2021/22 Sanitary Sewer System Improvements (SRF)	<u>\$3,922,000</u>	<u>\$3,922,000</u>

ALTERNATIVES:

1. Approve the professional services agreement for the 2021/22 Sanitary Sewer Rehabilitation Design Projects with WHKS & Co. of Ames, Iowa, in the amount of not to exceed \$222,000.
2. Direct staff to negotiate an engineering agreement with another consulting firm.

CITY MANAGER'S RECOMMENDED ACTION:

Based on staff's evaluation using the established criteria, it was determined that WHKS will provide the best value to the City for sanitary sewer rehabilitation planning and design. This firm designed several sanitary sewer rehabilitation projects for City of Ames and has experience with SRF funded projects.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as noted above.