



Legislation Text

File #: 22-0075, Version: 1

CITY COUNCIL AGENDA ITEM

ACTION REQUESTED:

Approve the award of Bid 22-008, 2022 Small Diameter Sanitary Sewer Main Lining CIPP Rehabilitation, to Visu-sewer Clean & Seal, Inc. for an amount not to exceed \$539,298.30 and a 3% contingency

DEPARTMENT: Water Utilities

SUBMITTED BY: Darrell Blenniss, Director

BOARD/COMMISSION REVIEW:

N/A

BACKGROUND:

The Water Utilities' 2022 Capital Improvement Plan (CIP) includes rehabilitation of approximately 50 manholes, 17,405 linear feet of sanitary main/trunk sewers, and 150 sewer service laterals. The primary focus of these projects is to reduce leakage of groundwater and surface water into the system. The sanitary sewer main lining program is part of the Water Utilities' Illinois Environmental Protection Agency (IEPA) required capacity, management, operation, and maintenance (CMOM) plan and IEPA required ten-year infiltration and inflow reduction program under Naperville's National Pollutant Discharge Elimination System permit IL0034061.

Sanitary sewer lining is a major component of the city's strategy to reduce system leaks associated with stormwater infiltration through pipe cracks and fissures, which reduces sanitary system capacity during wet weather events. Lining the sewer provides seamless, leak-free pipes and maintains structural integrity for approximately 50 years. Reducing leaks and preserving system capacity also help reduce the number and severity of sanitary sewer backups.

DISCUSSION:

In January 2022, the Water Utilities issued Bid 22-008, 2022 Small Diameter Sanitary Sewer Main Lining CIPP Rehabilitation. This bid will rehabilitate 14,405 linear feet of eight-inch and ten-inch diameter sanitary sewer pipeline located in the Brookdale and Eagle Chase subdivisions. The contractor will use no-dig lining technology to reduce cost and disruption to the community.

To secure the lowest possible pricing, the bid specified two competing lining technologies: glass-reinforced plastic (GRP) and cured-in-place thermosetting resin pipe (CIPP).

Advertisement Date: 1/12/2022

Bid Opening Date: 1/27/2022

Notices Sent: 175

Planholders: 13

Proposals Received: 5

Vendors Name	Proposed Cost
Visu-sewer Clean & Seal, Inc.	\$539,298.30
<i>Engineers Estimate</i>	<i>\$623,840.00</i>
Hoerr Construction Inc.	\$646,527.00
National Power Rodding Corporation	\$681,923.00
Insituform Technologies USA, LLC.	\$696,805.00
Benchmark Construction	\$748,880.00
Michaels Corporation	\$872,438.00

Visu-sewer Clean and Seal, Inc is the lowest responsive and responsible bidder. The engineer's estimate was calculated based on previous unit prices for CIPP work. We have worked with this contractor in the past and the work was satisfactory.

The completion date of this project is December 1, 2022.

FISCAL IMPACT:

CIP: WW006

Water lining projects are expensed to the infrastructure account listed below, as part of the Capital Improvement Program. A total of \$3,990,000 is budgeted for WW006 in 2022. The requested award is within budget.

Account Number	Fund Description	Total Budget Amount
41252000-551502	Water/Wastewater Fund	\$27,438,275

Per Council directive, contingency on construction projects is set at 3% on projects over \$500,000 and 5% on projects under \$500,000.