



Legislation Text

File #: 23-0376, Version: 1

CITY COUNCIL AGENDA ITEM

ACTION REQUESTED:

Approve the award of Bid 23-014, 2023 Small Diameter Sanitary Sewer Main Lining, to Visu-sewer Clean & Seal, Inc. for an amount not to exceed \$635,713.50 and a 3% contingency

DEPARTMENT: Water Utilities

SUBMITTED BY: Darrell Blenniss, Director

BOARD/COMMISSION REVIEW:

N/A

BACKGROUND:

The Water Utilities' 2023 Capital Improvement Plan (CIP) includes rehabilitation of approximately 42 manholes, 15,394 linear feet of sanitary main/trunk sewers, and 169 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 March 2023, the City issued Bid 23-014, 2023 Small Diameter Sanitary Sewer Main Lining. This bid will rehabilitate 11,591 linear feet of eight-inch diameter sanitary sewer pipeline located in the Fairway of Country Lakes and Pebblewood 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: 3/2/2023

Bid Opening Date: 3/21/2023

Notices Sent: 279

Plan holders: 21

Proposals Received: 5

Vendors Name	Bid Amount
Engineers Estimate	\$622,713.00
Visu-sewer Clean & Seal, Inc.	\$635,713.50
Hoerr Construction Inc.	\$640,520.50
Insituform Technologies USA, LLC.	\$727,763.50
National Power Rodding Corporation	\$1,062,999.56

Visu-sewer Clean and Seal, Inc is the lowest responsive and responsible bidder. The Water Utility has worked with this contractor in the past and the work was satisfactory.

The completion date of this project is December 31, 2023.

FISCAL IMPACT:

CIP #: WW056 - Country Lakes Small Diameter Sewer Main Lining

Costs associated with the sanity sewer main lining CIPP rehab at Country Lakes is budgeted in the Water capital program for FY2023. The requested award including the contingency amounts exceeds the budget for this project by \$54,785. Staff will continue to monitor expenses to ensure compliance with budgetary guidelines.

Account	Fund Description	Project Budget	Total Fund Budget
41252000-551502	Water Capital	\$600,000	\$39,813,900

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