



Legislation Text

File #: 20-1017, Version: 1

CITY COUNCIL AGENDA ITEM

ACTION REQUESTED:

Approve the award of Bid 20-249, 2020 Upper Structure Manhole Lining, to Performance Pipelining, Inc. for an amount not to exceed \$274,467, plus a 5% contingency

DEPARTMENT: Water Utilities

SUBMITTED BY: Darrell Blenniss, Director

BOARD/COMMISSION REVIEW:

N/A

BACKGROUND:

The Water Utilities' 2020 capital project plan includes the rehabilitation of approximately 260 manholes, 13,000 linear feet of main line sewers and 150 sewer service laterals. The primary focus of these projects is to reduce infiltration and inflow, which is leakage of groundwater and surface water into the system. The sanitary sewer manhole upper structure program is part of the Water Utilities required CMOM (Capacity, Management, Operation and Maintenance) plan and IEPA required 10-year Infiltration and Inflow Reduction Program under Naperville's NPDES permit IL0034061.

In 2017 and 2018, the Water Utilities conducted sanitary sewer smoke testing projects, which identified numerous manholes with upper structure leaks that must be repaired. The proposed rehabilitation system is a cured-in-place liner, which is similar to pipeline linings installed over the past three decades throughout the sewer system. The finished product adheres to the original manhole wall, forming a seamless liner and sealing leaks. The liner is also a fully structural rehabilitation which can withstand the stresses of winter's freeze-thaw cycles and impacts from vehicles which derogates the structure and creates openings where water enters the sanitary sewer system. Rain water entering the sewer system takes up system capacity, which contributes to sewer overflows and basement backups. The first phase of repairs was performed in 2019, with work continuing annually until all defects have been addressed.

The Water Utilities issued Bid 20-249 seeking contractors to rehabilitate 207 existing sanitary sewer manholes using cured-in-place lining products. Specifically, the contractor will rehabilitate the upper structure or 'chimney' section of manholes.

DISCUSSION:

Advertisement Date: 8/17/2020
Opening Date: 9/01/2020

Notices Sent: 55
Planholders: 8

Proposals Received: 1

The following bid was received:

Company Name	Proposed Costs
Performance Pipelining, Inc.	\$274,467
Engineering Estimate	\$260,980

Only one vendor submitted a bid response. Following the bid opening, staff contacted vendors on the bidders list to ask why they did not submit a response. One bidder stated that he does not have a crew at this time to do the work. Another bidder stated that his company did not meet the scope of specifications.

The engineer's estimate is based on average material cost and in-house labor hours using hourly labor rates typical of contracted work. Performance Pipelining's original bid was \$333,550. However, as the lowest responsive and responsible bidder, following negotiations, Performance Pipelining agreed to reduce their bid cost to \$274,467. No other changes were made to the scope of work or specifications. Performance Pipelining Inc. has performed similar projects for the City and their work was satisfactory.

The completion date of the contract is December 31, 2020.

FISCAL IMPACT:

CIP #: WWU06

Sanitary sewer rehabilitations are expensed to the infrastructure account listed below as part of the capital improvement program. A total of \$3,871,000 is budgeted for lining and rehabilitation activities as part of WWU06 in 2020. The requested award is within budget.

Account Number	Fund Description	Total Budget Amount
41251500-551502	Water & Wastewater	\$12,119,788