



Legislation Text

File #: 19-488, Version: 1

CITY COUNCIL AGENDA ITEM

ACTION REQUESTED:

Approve the award of Bid 19-058, 2019 Small Diameter Cured-in-Place Pipe (CIPP) Sanitary Sewer Main Lining, to Michels Corporation for an amount not to exceed \$509,920, plus a 3% contingency

DEPARTMENT: Water Utilities

SUBMITTED BY: Darrell Blenniss, Director

BOARD/COMMISSION REVIEW:

N/A

BACKGROUND:

The Water Utilities' 2019 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 Water Utilities issued Bid 19-058 seeking a contractor to rehabilitate 12,826 feet of eight-inch (8") and ten-inch (10") diameter sanitary sewer pipeline located in the Brookdale subdivision and around Naper West Plaza. The contractor will be using no dig lining technologies to reduce cost and disruption to the community. Sanitary sewer pipeline lining is a major component of the City's strategy to reduce system leaks associated with storm water infiltration during weather events through pipe cracks and fissures, which reduces sanitary system capacity during weather events. Lining the sanitary sewer provides a seamless, leak-free pipe to maintain structural integrity for approximately 50 years. Reducing leaks and preserving system capacity helps reduce the number and severity of sanitary sewer back-ups.

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).

DISCUSSION:

Advertisement Date:	05/01/2019	Notices Sent:	174
Opening Date:	05/16/2019	Planholders:	9
		Bids Received:	5

The following bids were received:

Vendor	Bid Amount	Technology Specified

Michels Corporation	\$509,920.00	CIPP
<i>Engineer's Estimate</i>	<i>\$546,640.00</i>	<i>N/A</i>
Hoerr Construction, Inc.	\$578,644.00	CIPP
Insituform Technologies USA, LLC	\$609,991.50	CIPP
Lanzo Trenchless Technologies Inc.	\$690,440.00	CIPP
Visu-Sewer of Illinois, LLC	\$744,583.90	CIPP

Although the bid allowed vendors to use CIPP or GRP methods for pipe lining, all of the vendors submitted bids to rehabilitate the pipe using the CIPP lining technology. Michels Corporation is the lowest responsive and responsible bidder. The engineer's estimate was calculated based on previous unit prices for CIPP work.

FISCAL IMPACT:

CIP #: WWU06

Rehabilitation and replacements within the sanitary sewer system are expensed to the infrastructure account listed below as part of the capital improvement program. A total of \$3,871,000 is budgeted for WWU06 in 2019. The requested award is within budget.

Account Number	Fund Description	Total Budget Amount
41251500-551502	Water and Wastewater	\$11,576,000

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