



Legislation Text

File #: 19-725, Version: 1

CITY COUNCIL AGENDA ITEM

ACTION REQUESTED:

Approve the award of Bid 19-129, 2019 Lateral Grouting of Sanitary Sewer Cress Creek Phase 5, to Michels Corporation for an amount to not exceed \$193,875, plus a 5% contingency

DEPARTMENT: Water Utilities

SUBMITTED BY: Darrell Blenniss, Director

BOARD/COMMISSION REVIEW:

N/A

BACKGROUND:

In June 2019, the Water Utilities issued Bid 19-129 to obtain a contractor to chemically grout 43 sanitary sewer services in the Cress Creek subdivision. The work is part of a larger ongoing plan to rehabilitate the sanitary sewer system in the subdivision. The goal of the program is to improve system performance by reducing leaks from storm water inflow and ground water infiltration (I&I) in the Cress Creek subdivision.

In 2014, the Water Utilities began a sanitary main rehabilitation program in the Cress Creek subdivision to respond to a flood which occurred in spring 2013. Sanitary manholes were rehabilitated in 2014 and 2015, and the lateral grouting program began in 2015. To date there have been 270 laterals grouted to reduce I&I in the area. Staff continues to work to identify sources of I&I that take up system capacity during wet weather events in Cress Creek.

Through flow monitoring and closed-circuit televising inspection of the system, staff identified significant I&I through some of the sanitary sewer service laterals. Grouting the laterals will significantly reduce the amount of ground water infiltrating into the sanitary sewer system, further reducing the likelihood of a basement backup or sanitary sewer overflow.

The combination of sewer lining, manhole rehabilitation and lateral grouting in the Cress Creek subdivision has made significant improvements in the wastewater system by limiting infiltration of groundwater and inflow of stormwater. Average daily flows decreased by 20 percent between 2013 and 2017 based on flow. Also, there have been no sanitary sewer backups in Cress Creek since 2013.

DISCUSSION:

Advertisement Date	06/28/2019	Notices Sent:	86
Opening Date:	07/08/2019	Planholders:	6
		Proposals Received:	2

Bids were received from the following vendors:

Vendor Name	Proposed Cost
Michels Corporation	\$193,875
Engineer's Estimate	\$222,400
National Power Rodding Corporation	\$284,800

Michels Corporation has successfully completed other projects with the City. The completion date for this contract is December 31, 2019.

FISCAL IMPACT:

CIP #: N/A

Lateral grouting is expensed to the operational services account listed below. A total of \$198,000 is budgeted for Cress Creek lateral grouting in 2019. The requested award is within budget.

Account Number	Fund Description	Total Budget Amount
41251520-531308	Water & Wastewater	\$ 481,000

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