



## Legislation Text

File #: 19-282, Version: 1

### CITY COUNCIL AGENDA ITEM

#### **ACTION REQUESTED:**

Approve the award of Bid 19-059, Sanitary Sewer Manhole Rehabilitation, to Front Range Environmental for an amount not to exceed \$112,070, plus a 5% contingency

**DEPARTMENT:** Water Utilities

**SUBMITTED BY:** Darrell Blenniss, Director

#### **BOARD/COMMISSION REVIEW:**

N/A

#### **BACKGROUND:**

The Water Utilities issued Bid 19-059 seeking a contractor to rehabilitate thirty-five (35) existing sanitary sewer manholes, most of which are old brick or concrete block manholes. The bid specifications require the installation of a non-cementitious coating to all interior surfaces including channel, bench, barrel, cone and chimney sections of the manhole.

This no-dig process creates a manhole liner that will seal out stormwater induced infiltration and ground water inflow.

The Sanitary Sewer Manhole Rehabilitation program began in 2000. Over the past 18 years, the coating product has withstood winter freeze-thaw cycles without cracking. Water Utilities has rehabilitated 1,381 manholes successfully and plans to continue this annual program. The majority of manholes included in this contract are located north of the Burlington Northern railroad tracks, south of Ogden Avenue and east of Washington Street.

Naperville's proactive approach to combating Infiltration & Inflow (I&I) into the sanitary sewer system has yielded positive results. Since 1998 the population of Naperville has increased by roughly 30,000 people, or about 20%. However, the average amount of water treated at the Springbrook Water Reclamation Center has decreased by roughly 18% <<https://data.naperville.il.us/City-Services/Springbrook-Water-Reclamation-Center-Average-Daily/ykaz-gn83>> over the same period.

#### **DISCUSSION:**

Advertisement Date:	03/13/2019	Notices Sent:	109
Opening Date:	03/28/2019	Planholders:	16
		Bids Received:	4

Bids were received from the following vendors:

VENDOR	BID AMOUNT
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<b>Front Range Environmental</b>	<b>\$112,070.00</b>
Michel's Corporation	\$123,076.70
National Power Rodding Corporation	\$155,800.00
<i>Engineer's Estimate</i>	<i>\$163,130.00</i>
KIM Construction	\$206,425.00

Work associated with this bid is required to be completed by November 1, 2019.

**FISCAL IMPACT:**

CIP #: WWU06

Manhole 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 sanitary sewer system rehabilitations in 2019. The requested award is within budget.

<b>Account Number</b>	<b>Fund Description</b>	<b>Total Budget Amount</b>
41251500-551502	Water Utilities	\$11,576,000

\* Per Council directive, contingency on construction projects is set at three-percent on projects over \$500,000 and five-percent on projects under \$500,000.