

MARSHALLTOWN

I O W A

Joel Greer, Mayor
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TO: Mayor Greer and City Council
FROM: Heather Thomas, Public Works Director
DATE: May 23, 2022
RE: 2020 Sanitary Sewer Rehabilitation Project - CIPP (SAN 21-001)

Policy Issue: City purchasing policy requires horizontal infrastructure projects to go through a competitive bidding process with City Council approval.

<input type="checkbox"/> Goal 1: Expand and improve development	<input checked="" type="checkbox"/> Goal 3: Continually improve the City's organization & services
<input type="checkbox"/> Goal 2: Enhance Marshalltown's public image	<input type="checkbox"/> Goal 4: Partner with others to improve quality of life

Specific Objective/Action: Objective 2 – Develop comprehensive plans for City infrastructure and improvements

Recommendation: Staff recommends accepting bid and awarding the SAN 21-001, 2020 Sanitary Sewer Rehabilitation Project to Municipal Pipe Tool Co. LLC in the amount of \$4,768,210.10.

Budget Impact: This project is planned to be funded through a combination of Sanitary Sewer Enterprise Fund Revenue and an SRF Revenue Loan, planned to be issued later this year in combination with the Headworks and Digester Project at WPC. The bid price came in above estimated/budgeted funds and the overage is being recommended to be funded through Sanitary Sewer Enterprise Fund.

Construction Costs:

Construction	\$ 4,768,210.10	<i>Municipal Pipe Tool Co.</i>
	\$ 4,768,210.10	TOTAL

Funding Sources

Sanitary Sewer Enterprise Fund	\$ 868,210.10
SRF Loan	\$ 3,900,000.00
	\$ 4,768,210.10

Based on the FY23 budget approved earlier this year, we will look at doing a budget amendment in FY23 to increase the budgeted amount and pull from cash on hand within the enterprise fund. We also had budgeted approximately \$308,000 for construction engineering that we are now taking on in-house and have reduced our construction engineering contract to \$24,500. These construction engineering funds will be reallocated to construction. In addition, with the several year delay in this and the next phase of the consent order for our sanitary sewer, we do not anticipate needing to increase the planned SRF loan amount of \$13.125 Million later this year, as we will utilize the 2-3 years of revenue for the planned loan repayment towards this project.

CITY COUNCIL

Al Hoop, Gabriel Isom, Barry Kell, Mike Ladehoff,
 Jeff Schneider, Gary Thompson, Dex Walker



Description/Background: The city is under an administrative consent order through Iowa DNR, issued in 2012, to complete projects necessary to alleviate unauthorized bypassing throughout the sanitary sewer collection and conveyance system. Bypassing occurs because there is storm water and ground water (“clean water”) that gets into the sanitary sewer system. This is frequently referred to as inflow and infiltration, or I/I. The sanitary sewer system was not designed to accommodate this amount of clean water flow; it also requires the treatment plant to treat more volume of wastewater.

This project is one of the phases within the plan of action that was identified to alleviate the unauthorized bypassing. The project will utilize cured-in-place-pipe lining (CIPP) to seal up underground sanitary sewer to reduce clean water entering the system. We also get a structural benefit that will extend the life of the sewer at a significantly lower cost than full replacement through open cutting / trenching. There are also several point repairs that will be dig up so areas can be repaired that the CIPP lining process cannot be used until a repair has occurred.

Design Engineering for this project was performed by FoxStrand. Construction was estimated to cost \$4,141,400.28.

We opened 3 bids on May 17th, one was invalid due to not acknowledging the addendum. These are summarized below:

Municipal Pipe Tool Co. LLC	\$	4,768,210.10
Visu-Sewer, Inc	\$	5,662,715.88
Insituform	\$	Invalid Bid

We reviewed bid tabs and areas where the bids came in substantially over estimated unit prices. Much of the overage is in relation to the point repairs that are needed to be performed in order to line the sewer main. Discussions have been had amongst City staff and FoxStrand and we don’t feel like removing those areas, splitting the bid, or delaying a portion of this work to result in a lower overall price given the bidding/construction environment that we are in. The City is also under a consent order to get this work performed; therefore, we do recommend proceeding and awarding to Municipal Pipe Tool.

The substantial completion date is September 22nd, 2023.

Attachments: Bid Tabulation

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