



Legislation Text

File #: 20-81, Version: 1

CITY COUNCIL AGENDA ITEM

Memo Date: January 30, 2020
Agenda Date: February 26, 2020
Prepared By: Melinda M. Keesee, Field Operations Technician
Through: Chris M. Collier, Assistant Utilities Director
Through: John A. Walsh, P.E., Utilities Director
Requested Action:

To Approve Participation in a Cooperative Purchase Agreement with Insituform Technologies, LLC for Cured in Place Pipe (CIPP) Rehabilitation Services and Sanitary Sewer Mid-Term Cleaning & CCTV Inspections of Main Line Sewers Utilizing the City of Daytona Beach Contract No. 0118-2600 effective February 7, 2019 through September 18, 2020

BACKGROUND:

In FY2015, CDM Smith completed a thorough analysis of the assessment data obtained during the FY2014 RedZone Robotics, Inc. CCTV inspection process. As part of this analysis, a detailed plan was developed to systematically address broken sewer piping over a six-year period beginning in FY2016. Rehabilitation and replacement was recommended for individual pipe segments based on structural operation and maintenance (O&M) concerns. These recommendations were formed based on the severity of defects, potential for defect progression, and consequence of failure. Rehabilitation and replacement recommendations were then prioritized and grouped to develop various projects. An implementation plan was formed to clean and repair sewer lines based on consequence of failure, risk of failure, available funding, and pipe segment geographic location.

To maintain the integrity of the sanitary sewer system with minimal construction and disturbances, sewer mains are able to be rehabilitated through a trenchless "cured-in-place-pipe" (CIPP) method installed through existing manholes. This installation process lines the selected sewer mains with a flexible liner which when heated, forms into a hardened fiberglass "pipe" that replaces the broken pipe from the inside of the pipe. As a result of this process, the carrying capacity of the sewer main is reestablished, and the sewer treatment plant no longer incurs the cost of treating extra water (ground water).

The first phase of the CIPP lining program was successfully completed in FY2016. Subsequently, City Council has approved the continuation of work with Insituform annually since FY2017. The fifth phase is scheduled to be completed in FY2020.

At this time, we are requesting approval to use the City of Daytona Beach Contract No. 0118-2600. This contract has been reviewed by the City and has been determined to be applicable to the services required by Sewer Field Operations. Therefore, staff recommends approval to use the City of Daytona Beach contract with Insituform Technologies, LLC to perform Cured in Place Pipe (CIPP) Rehabilitation Services and Cleaning & CCTV Inspections of Main Line Sewers, and to authorize a

budgeted expenditure for these services not to exceed \$449,766.90.

STRATEGIC PLAN CONNECTION:

N/A

BUDGETARY IMPACT:

Budgeted	Yes
If not budgeted, is amendment/transfer attached?	N/A
Amount Requested:	\$449,766.90
Account Number:	421-4125-536.46-00, WS0904
Account Name:	Repairs & Maintenance
Source of Funds:	Operating Revenue

PREVIOUS ACTION:

On December 8, 2015, City Council approved the participation in a cooperative purchase agreement with Insituform Technologies, LLC for Cured in Place (CIPP) Pipe Rehabilitation Services utilizing the City of Daytona Beach Contract No. 0113-1010 effective July 8, 2015 through July 7, 2016.

On January 10, 2017, City Council approved the participation in a cooperative purchase agreement with Insituform Technologies, LLC for Cured in Place (CIPP) Pipe Rehabilitation Services utilizing the City of Daytona Beach Contract No. 0113-1010 effective July 8, 2016 through July 7, 2017.

On February 28, 2017, City Council approved the participation in a cooperative purchase agreement with Insituform Technologies, LLC for Cleaning & CCTV Inspections of Main Line Sewers utilizing the City of Daytona Beach Contract No. 0113-1010 effective July 8, 2016 through July 7, 2017.

On January 9, 2018, City Council approved the participation in a cooperative purchase agreement with Insituform Technologies, LLC for Cleaning & CCTV Inspections of Main Line Sewers utilizing the City of Daytona Beach Contract No. 0113-1010 effective July 8, 2017 through July 7, 2018.

On March 13, 2019, City Council approved the participation in a cooperative purchase agreement with Insituform Technologies, LLC for Cured in Place Pipe (CIPP) Rehabilitation Services and Sanitary Sewer Mid-Term Cleaning & CCTV Inspections of Main Line Sewers utilizing the City of Daytona Beach Contract No. 0118-2600 effective February 7, 2019 through February 6, 2020.

RECOMMENDED MOTION:

To Approve Participation in a Cooperative Purchase Agreement with Insituform Technologies, LLC for Cured in Place Pipe (CIPP) Rehabilitation Services and Sanitary Sewer Mid-Term Cleaning & CCTV Inspections of Main Line Sewers Utilizing City of Daytona Beach Contract No. 0118-2600 effective February 7, 2019 through September 18, 2020.