


COUNCIL COMMUNICATION

	Number:	19-220	Meeting:	May 20, 2019
	Agenda Item:	14	Roll Call:	[_____]
	Submitted by:	Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Approving Change Order No. 9 with Visu-Sewer, Inc. for additional work on the 2018 Sewer Lining Program, in the amount of \$148,886.60.

SYNOPSIS:

Recommend approval of Change Order No. 9 in an amount not to exceed \$148,886.60 with Visu-Sewer, Inc., Keith M. Alexander, President, W230 N4855 Betker Drive, Pewaukee, WI, 53072, to increase the quantity of sewer liner.

FISCAL IMPACT:

Amount: \$148,886.60

Funding Source: 2019-20 CIP, Page Sanitary – 9, Sanitary Sewer Lining and Repairs, SS049, Sanitary Sewer Fund

ADDITIONAL INFORMATION:

- On December 18, 2017, under Roll Call No. 17-1933, the City Council approved plans and specifications and designated the lowest responsible bidder as Visu-Sewer, Inc. for \$2,131,573.40. This project provides for the rehabilitation of sanitary and storm sewers that have not yet failed, but are in an advanced state of deterioration due to age, some up to 100 years old. Lining of sewers has proven to be a cost effective and less disruptive method for rehabilitating deteriorated sewers compared to excavating and replacing them with new facilities.
- Change Order 1, for \$24,790.30, added replacement of a sanitary sewer along Hickman Road that was determined to be undesirable to Cured-In-Place Pipe (CIPP) line.
- Change Order 2, for \$15,926.73, added a new 60-inch manhole on Franklin Avenue and water main work for Des Moines Water Works.
- Change Order 3, for \$10,784.12, added a relocation of a 6-inch water main for the Des Moines Water Works and televising a 54-inch sewer to investigate possible problems.

- Change Order 4, for \$46,033.90, added the open cut replacement of the sanitary sewer on Washington Ave from 7th Street to 8th Street that could not be lined because it had deteriorated to a point that lining was impossible.
- Change Order 5, for \$41,250.00, added a bid item for a 48-inch CIPP Sewer Liner to be added to line a deteriorated storm sewer located at the Iowa State Fair Grounds and goes under the 4-H Exhibits Building.
- Change Order 6, for \$48,444.00, added 15-inch and 24-inch CIPP lining to rehab some storm sewer along 31st Street that was damaged.
- Change Order 7, for \$44,600, added a bid item for 12-inch CIPP Sewer Liner to be added to line a deteriorated sanitary sewer on Cottage Grove.
- Change Order 8, for \$49,300.00, increased the quantity for pavement removal and composite pavement for the repair work on Washington Avenue when the sewer could not be lined and had to be open cut.
- Change Order No. 9 includes increasing the quantity of 30-inch sewer liner and reducing the quantity of 21-inch sewer liner. The lining of the sewer on Franklin Avenue is an odd shaped sewer that was originally specified to be a 21-inch equivalent; however, it was later determined for the liner to fit correctly inside the existing pipe, the size was changed to 30-inch equivalent liner.

PREVIOUS COUNCIL ACTION(S):

Date: December 18, 2017

Roll Call Number: [17-2199](#)

Action: [On](#) 2018 Sewer Lining Program: Resolution approving plans, specifications, form of contract documents, Engineer's estimate and designating lowest responsible bidder as Visu-Sewer, Inc. (Keith M. Alexander, President), \$2,131,573.40. ([Council Communication No. 17-852](#)) Moved by Gray to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

Accepting completed construction and approving final payment on public improvement construction contracts.

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