

DATE November 20, 2017

ORDERING CONSTRUCTION OF  
2018 SEWER LINING PROGRAM  
AND FIXING A DATE FOR RECEIVING OF BIDS ON DECEMBER 5, 2017  
AND PUBLIC HEARING ON DECEMBER 18, 2017  
ENGINEER'S ESTIMATE IS \$2,500,000.00

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached communication recommending construction of the following improvement and the method of financing; and also including the recommendation of the Des Moines City Engineer, as the Engineer, submitting plans, specifications, form of contract documents, and Engineer's estimate of cost for the construction of the following improvement:

2018 Sewer Lining Program, 07-2018-001

The improvement includes the rehabilitation of approximately 14,000 lineal feet of 10-inch through 48-inch diameter sanitary sewers with cured-in-place pipe (CIPP) lining. Also included is by-pass pumping, sewer cleaning and televising, sewer spot repairs, manhole rehabilitation, and other related items; all in accordance with the contract documents, including Plan File Numbers 587-238/255 at the following locations: 6301 Sherrick Avenue, Valdez Drive, Bennett Avenue, Hickman Road, Franklin Avenue, Washington Avenue, 7th Street, College Avenue, North Union Street, Arthur Avenue, Saylor Road, and Logan Avenue, all in Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$2,500,000.00. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.

BE IT FURTHER RESOLVED: That this Council hereby determines that it is necessary and advisable to construct said improvement in the manner set forth in the plans, specifications, and form of contract documents submitted by the Engineer; and that payment for the cost of said improvement shall be paid from the funding source identified below.

BE IT FURTHER RESOLVED: That a public hearing on said plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement be held in the City Council Chambers, 2nd Floor, Municipal Service Center, 1551 E. Martin Luther King Jr. Parkway, Des Moines, Iowa, at 5:00 p.m. on December 18, 2017, at which time this Council will consider any objections offered thereto or to the making of said improvement.

BE IT FURTHER RESOLVED: That proposals will be received by the City of Des Moines, at the office of the Des Moines City Clerk until 11:00 a.m. on December 5, 2017, for the construction of said improvement, and the taking of bids in the manner required by law. Proposals received will be opened at a public meeting presided over by the Engineer in the Shijiazhuang Room, 2nd Floor, City Administration Building, 400 E. Court Avenue, Des Moines, Iowa, at 11:00 a.m. on December 5, 2017, after which the bids together with a bid tabulation and recommendation of the Engineer will be presented to the City Council at its next meeting for action thereon.

★ **Roll Call Number**

**Agenda Item Number**

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DATE November 20, 2017

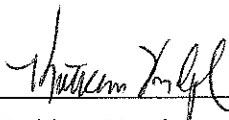
BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders for said improvement be posted, and Notice of Public Hearing for said improvement be published in the Des Moines Register, all as provided and directed by Chapter 26 and/or 314, Code of Iowa.

(City Council Communication Number 17-787 attached.)

Moved by \_\_\_\_\_ to adopt.


FORM APPROVED:

FUNDS AVAILABLE




Kathleen Vanderpool  
Deputy City Attorney

Robert L. Fagen  
Des Moines Finance Director

 Funding Source: 2017-2018 CIP, Page Sanitary – 7, Lining Sanitary Trunk and Lateral Sewers, SS049

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
GATTO				
GRAY				
HENSLEY				
MOORE				
WESTERGAARD				
TOTAL				

MOTION CARRIED

APPROVED

\_\_\_\_\_  
Mayor

I, Diane Rauh, City Clerk of said City Council, hereby certify that at a meeting of the City Council, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

\_\_\_\_\_  
City Clerk

# CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING  
CITY OF DES MOINES, IOWA

Activity ID 07-2018-001  
IDOT Project No: None  
Date: 10/18/17

## PROJECT: 2018 Sewer Lining Program

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1	Sewer Liner, 8" CIPP	LF	635	\$40.00	\$25,400.00
2	Sewer Liner, 10" CIPP	LF	2752	\$45.00	\$123,840.00
3	Sewer Liner, 21" Equivalent CIPP	LF	2609	\$75.00	\$195,675.00
4	Sewer Liner, 30" CIPP	LF	2123	\$125.00	\$265,375.00
5	Sewer Liner, 30" Equivalent CIPP	LF	1099	\$130.00	\$142,870.00
6	Sewer Liner, 36" CIPP	LF	1286	\$175.00	\$225,050.00
7	Sewer Liner, 42" Equivalent CIPP	LF	1281	\$250.00	\$320,250.00
8	Sewer Service Reconnection	EACH	250	\$150.00	\$37,500.00
9	Sewer Service Connection CIPP Liner	EACH	25	\$2,500.00	\$62,500.00
10	Sewer Cleaning and Televising, 8"-30"	LF	9218	\$8.00	\$73,744.00
11	Sewer Cleaning and Televising, 36"-48"	LF	2567	\$10.00	\$25,670.00
12 *	Bypass Pumping	LS	1	\$70,000.00	\$70,000.00
13	Manhole, 48" Diameter Structure	EACH	2	\$15,000.00	\$30,000.00
14	Manhole, Type SW-302	EACH	2	\$35,000.00	\$70,000.00
15	Minor Manhole Adjustment	EACH	2	\$1,000.00	\$2,000.00
16	Major Manhole Adjustment	EACH	2	\$4,000.00	\$8,000.00
17	Manhole Lining With Centrifugally Cast Mortar Liner	EACH	30	\$2,000.00	\$60,000.00
18	Hickman Rd Sewer Spot Repair	LS	1	\$6,000.00	\$6,000.00
19	Spot Repair, 14' Deep or Less, 21" Diam. Or Less	EACH	6	\$15,000.00	\$90,000.00
20	Spot Repair, 14' Deep or Less, Greater than 21" Diam.	EACH	5	\$17,500.00	\$87,500.00
21	Spot Repair, Greater than 14' Deep, 21" Diam. Or Less	EACH	5	\$20,000.00	\$100,000.00
22	Spot Repair, Greater than 14' Deep, Greater than 21" Diam.	EACH	5	\$25,000.00	\$125,000.00
23	Sewer Service Connection Repair made During Spot Repair	EACH	5	\$4,000.00	\$20,000.00
24 *	Traffic Control for Spot Repair, Residential Street	EACH	10	\$1,500.00	\$15,000.00
25 *	Traffic Control for Spot Repair, Non-Residential Street	EACH	10	\$2,500.00	\$25,000.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
26	Composite Pavement	SY	400	\$150.00	\$60,000.00
27	PCC Pavement, 6"	SY	200	\$80.00	\$16,000.00
28	PCC Pavement, 8"	SY	200	\$100.00	\$20,000.00
29 *	Temporary Cap for Composite Pavement Patch	SY	100	\$75.00	\$7,500.00
30	PCC Curb & Gutter	LF	20	\$60.00	\$1,200.00
31	PCC Sidewalk	SY	20	\$50.00	\$1,000.00
32 *	Pavement Removal	SY	750	\$15.00	\$11,250.00
33 *	Traffic Control	LS	1	\$45,000.00	\$45,000.00
34 *	Flagger, Uniformed Police Officer	DAY	15	\$550.00	\$8,250.00
35 *	Sodding	SQ	15	\$120.00	\$1,800.00
36	Filter Sock	LF	100	\$5.00	\$500.00
37 *	Remove Filter Sock	LF	100	\$1.00	\$100.00
38	Tree Protection Fence	LF	600	\$5.00	\$3,000.00
39 *	Mobilization	LS	1	\$98,026.00	\$98,026.00
40 *	Mobilization for Emergency Spot Repair	EACH	10	\$2,000.00	\$20,000.00

Prepared By: Matt Becker

Checked By: \_\_\_\_\_

<b>TOTAL CONSTRUCTION COST</b>	<b>\$2,500,000.00</b>
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\* Item does not have to be included in 4-year maintenance bond, but shall be covered by a 1-year maintenance bond.

\* Estimate Total= \$301,926.00