

DATE October 14, 2019

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON 2019 SEWER LINING PROGRAM; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS INSITUFORM TECHNOLOGIES USA, LLC, CHARLES R. GORDON, PRESIDENT, \$3,398,977.10

WHEREAS, on August 19, 2019, under Roll Call No. 19-1294, plans, specifications, form of contract documents, and Engineer's estimate of construction cost were filed with the City Clerk, for the construction of the following improvement:

2019 Sewer Lining Program, 07-2019-009

The improvement includes the rehabilitation of approximately 22,000 lineal feet of 10-inch through 36-inch diameter sanitary sewers with cured-in-place pipe (CIPP) lining, 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 612-001/039, at the following locations: Center Street, 28th Street, E. 14th Street, 31st Street (north of I-235), School Street, Iola Avenue, 33rd Street, Rutland Avenue, Kingman Boulevard, Hickman Road, 38th Street, Mann Avenue, 16th Street, 10th Street, 9th Street, 4th Street, Arthur Avenue, E. 9th Street, E. Ovid Avenue, Scott Avenue at Leetown Creekway, S.E. 5th Street, along the DM-III Levee (southside of Raccoon River between S.W. 7th Street and S.W. 5th Street), E. Broad Street, E. Pleasant View Drive, S.E. 5th Street, S.W. 16th Street, and Porter Avenue, all in Des Moines, Iowa

WHEREAS, notice of the hearing on the plans, specifications, form of contract documents, and Engineer's estimate of construction cost was published as required by law.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the hearing on the plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement be closed; and that said plans, specifications, form of contract documents, and Engineer's estimate of construction cost are hereby approved as the plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement.

BE IT FURTHER RESOLVED That sealed bids for said improvement were submitted by the following bidders:

- | | |
|-----------------------------------|------------------|
| Insituform Technologies USA, Inc. | Chesterfield, MO |
| Synergy Contracting, LLC | Bondurant, IA |
| SAK Construction, LLC | O'Fallon, MO |
| Visu-Sewer, Inc. | Pewaukee, WI |

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which were received and opened at a public meeting presided over by the Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa at 11:00 a.m. on September 24, 2019. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.

BE IT FURTHER RESOLVED: That the Des Moines City Engineer, as the Engineer, has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by Insituform Technologies USA, LLC, Charles R. Gordon, President, 17988 Edison Avenue, Chesterfield, MO, 63005 in the amount of \$3,398,977.10, and said bid be and the same is hereby accepted.

BE IT FURTHER RESOLVED: That the bid security of the unsuccessful bidders be and is hereby authorized and directed to be returned in accordance with the Instructions to Bidders.

BE IT FURTHER RESOLVED: That the Engineer is hereby directed to secure execution by the lowest responsible, responsive Bidder and its surety of the contract documents in the form heretofore approved by this Council; that the Engineer is directed to thereafter present said contract documents to this Council for approval and authorization to the Mayor to sign; and that no contract shall be deemed to exist between the City of Des Moines and said Bidder until said contract has been executed by the Bidder, and shall have been approved by this Council and executed by the Mayor and attested to by the City Clerk.


BE IT FURTHER RESOLVED: That the City Council hereby authorizes the necessary road closures for the Project.

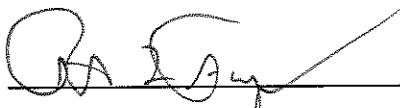
(City Council Communication Number 19-438 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE


Kathleen Vanderpool
Deputy City Attorney


Robert L. Fagen
Des Moines Finance Director

SLN Funding Source: 2019-2020 CIP, Page Sanitary - 9, Sanitary Sewer Lining and Repairs, SS049, Sanitary Sewer Funds

★ **Roll Call Number**

Agenda Item Number

70

DATE October 14, 2019

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
BOESEN				
COLEMAN				
GATTO				
GRAY				
MANDELBAUM				
WESTERGAARD				
TOTAL				

MOTION CARRIED

APPROVED

Mayor

I, Laura Baumgartner, Acting 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.

Acting City Clerk

TABULATED BY: M. Becker, APPROVED BY: R. De Groot
CHECKED BY: Angela K. King

CONTRACTOR'S BID TABULATION
PROJECT: 2019 Sewer Lining Program

ESTIMATE

		insituform Technologies Chesterfield, MO		Synergy Contracting, LLC Bondurant, IA		SAK Construction O'Fallon, MO		Visu-Sewer, Inc. Pewaukee, WI					
		BID SECURITY 10% Bid Bond		BID SECURITY 10% Bid Bond		BID SECURITY 10% Bid Bond		BID SECURITY 10% Bid Bond					
		BID PRICE		BID PRICE		BID PRICE		BID PRICE					
ITEM	DESCRIPTION	UNIT	PRICE	AMOUNT	UNIT	PRICE	AMOUNT	UNIT	PRICE	AMOUNT	UNIT	PRICE	AMOUNT
1	Replacement of Unsuitable Backfill Material	100 TON	\$25.00	\$2,500.00	\$55.00	\$5,500.00	\$35.00	\$3,500.00	\$65.00	\$6,500.00	\$64.20	\$6,420.00	
2	Pipe Lining, CIPP, 10"	10461 LF	\$35.00	\$366,135.00	\$25.00	\$261,525.00	\$33.00	\$345,213.00	\$24.95	\$261,001.95	\$23.50	\$245,833.50	
3	Pipe Lining, CIPP, 12"	5367 LF	\$45.00	\$241,515.00	\$30.00	\$161,010.00	\$38.50	\$206,629.50	\$31.50	\$169,060.50	\$33.00	\$177,111.00	
4	Pipe Lining, CIPP, 15"	948 LF	\$75.00	\$71,100.00	\$42.00	\$39,816.00	\$50.60	\$47,968.80	\$61.50	\$58,302.00	\$48.00	\$45,504.00	
5	Pipe Lining, CIPP, 18"	1129 LF	\$95.00	\$107,255.00	\$65.00	\$73,385.00	\$82.00	\$92,578.00	\$82.00	\$92,578.00	\$70.00	\$79,030.00	
6	Pipe Lining, CIPP, 24"	1007 LF	\$130.00	\$130,910.00	\$85.00	\$85,595.00	\$66.00	\$66,462.00	\$74.00	\$74,518.00	\$81.00	\$81,567.00	
7	Pipe Lining, CIPP, 36"	3295 LF	\$150.00	\$494,250.00	\$175.00	\$576,625.00	\$148.50	\$489,307.50	\$141.00	\$464,585.00	\$170.00	\$560,150.00	
8	Pipe Lining, CIPP, Lateral Connection	40 EACH	\$2,500.00	\$100,000.00	\$2,200.00	\$88,000.00	\$2,750.00	\$110,000.00	\$1,465.00	\$58,600.00	\$2,300.00	\$92,000.00	
9	Sewer Service Reconnection	300 EACH	\$75.00	\$22,500.00	\$100.00	\$30,000.00	\$220.00	\$66,000.00	\$100.00	\$30,000.00	\$150.00	\$45,000.00	
10	Bypass Pumping	1 LS	\$40,000.00	\$40,000.00	\$110,000.00	\$110,000.00	\$60,000.00	\$60,000.00	\$35,000.00	\$35,000.00	\$5,000.00	\$5,000.00	
11	E Jackson Ave Spot Repair	1 LS	\$35,000.00	\$35,000.00	\$53,000.00	\$53,000.00	\$91,000.00	\$91,000.00	\$111,000.00	\$111,000.00	\$107,000.00	\$107,000.00	
12	E 14th Street Spot Repair	1 LS	\$30,000.00	\$30,000.00	\$53,000.00	\$53,000.00	\$66,000.00	\$66,000.00	\$81,000.00	\$81,000.00	\$78,110.00	\$78,110.00	
13	Spot Repairs by Pipe Replacement, Less Than 24" Diameter, Less Than 12' Depth	4 EACH	\$25,000.00	\$100,000.00	\$25,500.00	\$102,000.00	\$23,100.00	\$92,400.00	\$35,000.00	\$140,000.00	\$34,240.00	\$136,960.00	
14	Spot Repairs by Pipe Replacement, 24" to 48" Diameter, Less Than 12' Depth	2 EACH	\$30,000.00	\$60,000.00	\$10,200.00	\$20,400.00	\$63,000.00	\$126,000.00	\$57,000.00	\$114,000.00	\$55,640.00	\$111,280.00	
15	Spot Repairs by Pipe Replacement, Greater Than 48" Diameter, Less Than 12' Depth	1 EACH	\$35,000.00	\$35,000.00	\$10,000.00	\$10,000.00	\$80,500.00	\$80,500.00	\$80,000.00	\$80,000.00	\$77,040.00	\$77,040.00	
16	Spot Repairs by Pipe Replacement, Less Than 24" Diameter, 12' to 20' Depth	4 EACH	\$27,000.00	\$108,000.00	\$30,750.00	\$123,000.00	\$30,100.00	\$120,400.00	\$41,000.00	\$164,000.00	\$39,580.00	\$158,360.00	
17	Spot Repairs by Pipe Replacement, 24" to 48" Diameter, 12' to 20' Depth	2 EACH	\$35,000.00	\$70,000.00	\$34,850.00	\$69,700.00	\$70,000.00	\$140,000.00	\$64,000.00	\$128,000.00	\$62,060.00	\$124,120.00	
18	Spot Repairs by Pipe Replacement, Greater Than 48" Diameter, 12' to 20' Depth	1 EACH	\$40,000.00	\$40,000.00	\$20,000.00	\$20,000.00	\$87,500.00	\$87,500.00	\$86,000.00	\$86,000.00	\$83,460.00	\$83,460.00	
19	Spot Repairs by Pipe Replacement, Less Than 24" Diameter, Greater Than 20' Depth	2 EACH	\$30,000.00	\$60,000.00	\$35,800.00	\$71,600.00	\$37,100.00	\$74,200.00	\$44,000.00	\$88,000.00	\$42,800.00	\$85,600.00	
20	Spot Repairs by Pipe Replacement, 24" to 48" Diameter, Greater Than 20' Depth	1 EACH	\$40,000.00	\$40,000.00	\$41,000.00	\$41,000.00	\$77,000.00	\$77,000.00	\$77,000.00	\$77,000.00	\$74,900.00	\$74,900.00	
21	Spot Repairs by Pipe Replacement, Greater Than 48" Diameter, Greater Than 20' Depth	1 EACH	\$45,000.00	\$45,000.00	\$20,000.00	\$20,000.00	\$94,500.00	\$94,500.00	\$95,000.00	\$95,000.00	\$96,300.00	\$96,300.00	
22	Dewatering for Spot Repair	6 EACH	\$10,000.00	\$60,000.00	\$2,100.00	\$12,600.00	\$700.00	\$4,200.00	\$6,500.00	\$39,000.00	\$6,420.00	\$38,520.00	
23	Sewer Service Connection Repair made During Spot Repair	10 EACH	\$2,000.00	\$20,000.00	\$1,050.00	\$10,500.00	\$4,900.00	\$49,000.00	\$1,665.00	\$16,650.00	\$1,605.00	\$16,050.00	
24	Sewer Cleaning and Video Inspection, Less Than 30" Diameter	18912 LF	\$5.00	\$94,560.00	\$4.80	\$90,777.60	\$6.00	\$113,472.00	\$6.00	\$113,472.00	\$3.00	\$56,736.00	
25	Sewer Cleaning and Video Inspection, 30" Diameter or Greater	3295 LF	\$7.50	\$24,712.50	\$9.30	\$30,643.50	\$8.40	\$27,678.00	\$9.00	\$29,655.00	\$10.00	\$32,950.00	
26	Manhole Enlargement	4 EACH	\$20,000.00	\$80,000.00	\$27,500.00	\$110,000.00	\$36,400.00	\$145,600.00	\$32,000.00	\$128,000.00	\$31,030.00	\$124,120.00	
27	Manhole, 48" Diameter Structure	2 EACH	\$25,000.00	\$50,000.00	\$27,500.00	\$55,000.00	\$16,800.00	\$33,600.00	\$18,000.00	\$36,000.00	\$18,190.00	\$36,380.00	
28	Manhole, Type SW-302	2 EACH	\$30,000.00	\$60,000.00	\$32,800.00	\$65,600.00	\$23,800.00	\$47,600.00	\$21,000.00	\$42,000.00	\$20,330.00	\$40,660.00	
29	Minor Manhole Adjustment	30 EACH	\$1,500.00	\$45,000.00	\$1,550.00	\$46,500.00	\$3,500.00	\$105,000.00	\$1,650.00	\$49,500.00	\$1,605.00	\$48,150.00	
30	Major Manhole Adjustment	5 EACH	\$5,000.00	\$25,000.00	\$4,200.00	\$21,000.00	\$4,900.00	\$24,500.00	\$5,500.00	\$27,500.00	\$5,350.00	\$26,750.00	
31	Manhole Lining With Centrifugally Cast Mortar Liner	700 VF	\$150.00	\$105,000.00	\$180.00	\$126,000.00	\$93.60	\$65,520.00	\$96.00	\$67,200.00	\$105.00	\$73,500.00	
32	Imported Granular Backfill	150 TON	\$50.00	\$7,500.00	\$52.50	\$7,875.00	\$105.00	\$15,750.00	\$62.00	\$9,300.00	\$58.85	\$8,827.50	
33	Traffic Control for Spot Repair, Residential Street	6 EACH	\$1,000.00	\$6,000.00	\$1,050.00	\$6,300.00	\$2,800.00	\$16,800.00	\$1,100.00	\$6,600.00	\$900.00	\$5,400.00	
34	Traffic Control for Spot Repair, Non-Residential Street	6 EACH	\$1,250.00	\$7,500.00	\$1,300.00	\$7,800.00	\$3,500.00	\$21,000.00	\$1,650.00	\$9,900.00	\$1,000.00	\$6,000.00	
35	Composite Pavement	1500 SY	\$100.00	\$150,000.00	\$205.00	\$307,500.00	\$72.00	\$108,000.00	\$235.00	\$352,500.00	\$240.75	\$361,125.00	
36	PCC Pavement, 6"	400 SY	\$75.00	\$30,000.00	\$95.00	\$38,000.00	\$120.00	\$48,000.00	\$125.00	\$50,000.00	\$119.84	\$47,936.00	
37	PCC Pavement, 8"	400 SY	\$80.00	\$32,000.00	\$115.00	\$46,000.00	\$144.00	\$57,600.00	\$152.00	\$60,800.00	\$146.59	\$58,636.00	
38	Temporary Cap for Composite Pavement Patch	200 SY	\$50.00	\$10,000.00	\$79.00	\$15,800.00	\$72.00	\$14,400.00	\$89.00	\$17,800.00	\$85.60	\$17,120.00	
39	PCC Curb & Gutter	100 LF	\$40.00	\$4,000.00	\$63.00	\$6,300.00	\$72.00	\$7,200.00	\$97.00	\$9,700.00	\$93.09	\$9,309.00	
40	PCC Sidewalk	300 SY	\$75.00	\$22,500.00	\$125.00	\$37,500.00	\$96.00	\$28,800.00	\$111.00	\$33,300.00	\$107.00	\$32,100.00	
41	Pavement Removal	2000 SY	\$15.00	\$30,000.00	\$21.00	\$42,000.00	\$18.00	\$36,000.00	\$17.00	\$34,000.00	\$16.05	\$32,100.00	
42	Traffic Control	1 LS	\$50,000.00	\$50,000.00	\$55,500.00	\$55,500.00	\$60,000.00	\$60,000.00	\$32,500.00	\$32,500.00	\$40,000.00	\$40,000.00	
43	Flagger, Uniformed Police Officer	6 DAY	\$550.00	\$3,300.00	\$550.00	\$3,300.00	\$1,400.00	\$8,400.00	\$550.00	\$3,300.00	\$550.00	\$3,300.00	
44	Hydraulic Seeding, Seeding, Fertilizing, and Mulching	1 ACRE	\$6,000.00	\$6,000.00	\$9,200.00	\$9,200.00	\$7,000.00	\$7,000.00	\$9,680.00	\$9,680.00	\$11,770.00	\$11,770.00	
45	Sodding	50 SQ	\$200.00	\$10,000.00	\$315.00	\$15,750.00	\$140.00	\$7,000.00	\$335.00	\$16,750.00	\$406.60	\$20,330.00	
46	Filter Sock	350 LF	\$5.00	\$1,750.00	\$5.00	\$1,750.00	\$5.60	\$1,960.00	\$5.60	\$1,960.00	\$7.49	\$2,621.50	
47	Remove Filter Sock	350 LF	\$1.00	\$350.00	\$2.50	\$875.00	\$1.40	\$490.00	\$2.80	\$980.00	\$4.28	\$1,498.00	
48	Tree Protection Fence	500 LF	\$5.00	\$2,500.00	\$5.00	\$2,500.00	\$7.00	\$3,500.00	\$5.60	\$2,800.00	\$7.49	\$3,745.00	
49	Mobilization	1 LS	\$338,162.50	\$338,162.50	\$206,000.00	\$206,000.00	\$190,000.00	\$190,000.00	\$135,000.55	\$135,000.55	\$183,700.00	\$183,700.00	
50	Mobilization for Emergency Spot Repair	5 EACH	\$5,000.00	\$25,000.00	\$1,050.00	\$5,250.00	\$3,000.00	\$15,000.00	\$5,580.00	\$27,900.00	\$5,350.00	\$26,750.00	
TOTAL CONSTRUCTION COST				\$3,500,000.00		\$3,396,977.10		\$3,763,471.50		\$3,777,603.00		\$3,836,229.50	
PERCENT OF ENGINEER'S ESTIMATE						-2.89%		+7.53%		+7.94%		+9.61%	
						Low							

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