

DATE December 17, 2018

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON LITTLE FOUR MILE TRUNK SANITARY SEWER; RECEIVE AND FILE BIDS

WHEREAS, on October 22, 2018, under Roll Call No. 18-1725, 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:

Little Four Mile Trunk Sanitary Sewer, 07-2018-003

The improvement includes construction of approximately 8,160 feet of open cut Poly Vinyl Chloride (PVC)/Ductile Iron/Truss pipe sanitary sewer, approximately 1,490 feet of trenchless sanitary sewer, manholes, Portland Cement Concrete (PCC) driveways, field fence removal and replacement, rip rap revetment, steel sheeting, Reinforced Concrete Pipe (RCP) culvert, traffic control, erosion control, surface restoration, and other incidental items; in accordance with the contract documents, including Plan File Nos. 591-188/209, located along N.E. 56th Street from the Iowa Interstate Railroad right-of-way to north of N.E. 23rd Street, along the westerly side of U.S. Highway 65 from Little Four Mile Creek to E. Douglas Avenue, and along the westerly side of E. 56th Street from Douglas Avenue northerly approximately 1,300 feet, partially in unincorporated Polk County and partially 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:

- | | |
|----------------------------------|---------------|
| Rognes Corp. | Ankeny, IA |
| Graff Excavating Inc. | Toledo, IA |
| J & K Contracting, LLC | Urbandale, IA |
| Synergy Contracting, LLC | Bondurant, IA |
| Raccoon Valley Contractors, LLC. | Waukee, IA |
| Holthouse Construction LLC | Liberty, MO |
| EJM Pipe Services, Inc. | Columbus, MN |
| On Track Construction | Nevada, IA |
| S. J. Louis Construction, Inc. | Rockville, MN |
| Vanderpool Construction, Inc. | Indianola, IA |

★ Roll Call Number

Agenda Item Number

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DATE December 17, 2018

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 December 4, 2018. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.

(City Council Communication Number 18-676 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE

Kathleen Vanderpool by AD
Kathleen Vanderpool
Deputy City Attorney

Robert L. Fagen
Robert L. Fagen
Des Moines Finance Director

SLN Funding Source: 2018-2019 CIP, Page Sanitary - 4, Little Four Mile Trunk Sanitary Sewer, SS137, Sanitary Sewer Funds

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

MOTION CARRIED

APPROVED

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.

Mayor

City Clerk

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DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA
TABULATED BY: E. Hovda
CHECKED BY: *SS*
CONTRACTOR'S BID TABULATION

APPROVED BY: *R. De Groot*

Activity ID 07-2016-003
Bid Date: 12/04/2018

PROJECT: LITTLE FOUR MILE TRUNK SANITARY SEWER

ESTIMATE

ITEM	QUANTITY	UNIT	DESCRIPTION	ROGNES CORP. ANKENY, IA		GRAFF EXCAVATING INC. TOLEDO, IA		J & K CONTRACTING, LLC. URBANDALE, IA		SYNERGY CONTRACTING, LLC. BONDURANT, IA		RACCOON VALLEY CONTRACTORS, LLC. WAUKEE, IA	
				PRICE	AMOUNT	UNIT	PRICE	AMOUNT	UNIT	PRICE	AMOUNT	UNIT	PRICE
1	LS		Traffic Control	\$20,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$8,000.00	\$8,000.00	\$5,320.00	\$5,320.00	\$10,000.00	\$10,000.00
2	LS		Mobilization	\$69,905.00	\$25,000.00	\$25,000.00	\$25,000.00	\$26,902.12	\$26,902.12	\$99,000.00	\$99,000.00	\$75,000.00	\$75,000.00
3	LF		Sanitary Sewer, Trenched, 48" Ductile Iron	\$9,200.00	\$18,800.00	\$18,800.00	\$18,800.00	\$175.00	\$175.00	\$157,792.00	\$157,792.00	\$130,000.00	\$130,000.00
4	LF		Sanitary Sewer, Trenched, 18" Truss Type PVC	\$115.00	\$130.00	\$130.00	\$130.00	\$100.00	\$100.00	\$110.60	\$110.60	\$115.00	\$115.00
5	LF		Sanitary Sewer, Trenched, 18" Truss Type PVC	\$115.00	\$90.00	\$90.00	\$90.00	\$100.00	\$100.00	\$99.00	\$99.00	\$105.00	\$105.00
6	LF		Sanitary Sewer, Trenched, 12" PVC Restrained Joint	\$115.00	\$10,350.00	\$10,350.00	\$10,350.00	\$100.00	\$100.00	\$770,574.00	\$770,574.00	\$82,100.00	\$82,100.00
7	LF		Sanitary Sewer, Trenched, 12" Ductile Iron	\$90.00	\$1,800.00	\$1,800.00	\$1,800.00	\$100.00	\$100.00	\$124.80	\$124.80	\$150.00	\$150.00
8	LF		Sanitary Sewer, Trenched, 6" Ductile Iron	\$90.00	\$90.00	\$90.00	\$90.00	\$100.00	\$100.00	\$173.60	\$173.60	\$145.00	\$145.00
9	LF		Sanitary Sewer, Trenchless, 12" Truss Type PVC in Steel Casing Pipe or PVC Restrained Joint	\$300.00	\$171,000.00	\$171,000.00	\$171,000.00	\$100.00	\$100.00	\$173.60	\$173.60	\$473.00	\$473.00
10	LF		Sanitary Sewer, Trenchless in Steel Casing Pipe, 12" Truss Type PVC	\$400.00	\$48,000.00	\$48,000.00	\$48,000.00	\$1,000.00	\$1,000.00	\$424.20	\$424.20	\$438.00	\$438.00
11	LF		Sanitary Sewer, Directionally Drilled, 12" PVC Restrained Joint	\$200.00	\$160,000.00	\$160,000.00	\$160,000.00	\$1,000.00	\$1,000.00	\$148.00	\$148.00	\$216.00	\$216.00
12	EACH		Sanitary Sewer, Drop Connection, 8" Ductile Iron	\$5,000.00	\$4,700.00	\$4,700.00	\$4,700.00	\$10,000.00	\$10,000.00	\$7,000.00	\$7,000.00	\$4,000.00	\$4,000.00
13	MANHOLE		Manhole, SW-303, 64"	\$15,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$5,000.00	\$5,000.00	\$28,000.00	\$28,000.00	\$23,000.00	\$23,000.00
14	MANHOLE		Manhole, SW-303, 48"	\$4,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$8,000.00	\$8,000.00	\$6,000.00	\$6,000.00	\$4,000.00	\$4,000.00
15	MANHOLE		Manhole, SW-301, 48"	\$5,000.00	\$130,000.00	\$130,000.00	\$130,000.00	\$8,000.00	\$8,000.00	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00
16	MANHOLE		Sanitary Sewer Service Line, 6"	\$100.00	\$8,000.00	\$8,000.00	\$8,000.00	\$80.00	\$80.00	\$6,160.00	\$6,160.00	\$4,000.00	\$4,000.00
17	SEPTIC TANK		Septic Tank Abandonment	\$10,500.00	\$9,500.00	\$9,500.00	\$9,500.00	\$5,000.00	\$5,000.00	\$7,000.00	\$7,000.00	\$11,000.00	\$11,000.00
18	FIELD TILE		Field Tile	\$20.00	\$10,500.00	\$10,500.00	\$10,500.00	\$10.00	\$10.00	\$7.00	\$7.00	\$30.00	\$30.00
19	REMOVE AND REPLACE		Remove and Replace Culvert, 36" RCP	\$120.00	\$3,600.00	\$3,600.00	\$3,600.00	\$150.00	\$150.00	\$142.80	\$142.80	\$228.00	\$228.00
20	REMOVE AND REPLACE		Remove and Replace Culvert, 24" RCP	\$100.00	\$5,000.00	\$5,000.00	\$5,000.00	\$180.00	\$180.00	\$203.00	\$203.00	\$348.00	\$348.00
21	TRENCH		Trench Foundation	\$50.00	\$2,500.00	\$2,500.00	\$2,500.00	\$30.00	\$30.00	\$27.50	\$27.50	\$46.00	\$46.00
22	FIELD FENCE		Field Fence, Remove and Replace, 6 Strand Barbed Wire	\$15.00	\$22,500.00	\$22,500.00	\$22,500.00	\$8.50	\$8.50	\$14,875.00	\$14,875.00	\$13.20	\$13.20
23	FIELD FENCE		Field Fence, Remove and Replace, Woven Wire with 2 Strand Barbed Wire	\$18.00	\$11,600.00	\$11,600.00	\$11,600.00	\$12.00	\$12.00	\$9,920.00	\$9,920.00	\$9.84	\$9.84
24	FIELD FENCE		Field Fence, Temporary, 4 Strand Barbed Wire	\$14.00	\$17,500.00	\$17,500.00	\$17,500.00	\$9.00	\$9.00	\$12,500.00	\$12,500.00	\$12.00	\$12.00
25	FIELD FENCE		Field Fence, Permanent, 60"	\$20.00	\$7,600.00	\$7,600.00	\$7,600.00	\$11.25	\$11.25	\$4,275.00	\$4,275.00	\$7.18	\$7.18
26	CLEARING AND GRUBBING		Cleaning and Grubbing	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$55,000.00	\$55,000.00	\$60,000.00	\$60,000.00	\$104,000.00	\$104,000.00
27	STORMWATER POLLUTION PREVENTION		Stormwater Pollution Prevention	\$10,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$4,000.00	\$4,000.00	\$3,600.00	\$3,600.00	\$10,000.00	\$10,000.00
28	SILT FENCE		Silt Fence, Install, Maintain, and Remove	\$6.00	\$43,110.00	\$43,110.00	\$43,110.00	\$4.30	\$4.30	\$7,165.00	\$7,165.00	\$1.50	\$1.50
29	SILT SOCK		Silt Sock, Install, Maintain, and Remove	\$6.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3.00	\$3.00	\$2,020.00	\$2,020.00	\$1.50	\$1.50
30	SEEDING		Seeding, Fertilizing, and Mulching, SUDAS Type 2	\$2,500.00	\$30,000.00	\$30,000.00	\$30,000.00	\$1,000.00	\$1,000.00	\$1,695.50	\$1,695.50	\$3.60	\$3.60
31	GRANULAR SURFACING		Granular Surfacing	\$35.00	\$4,655.00	\$4,655.00	\$4,655.00	\$28.00	\$28.00	\$3,724.00	\$3,724.00	\$38.00	\$38.00
32	TEMPORARY GRANULAR SURFACING		Temporary Granular Surfacing, 7"	\$35.00	\$75.00	\$75.00	\$75.00	\$28.00	\$28.00	\$700.00	\$700.00	\$28.00	\$28.00
33	RIP RAP		Rip Rap, Class E	\$60.00	\$4,020.00	\$4,020.00	\$4,020.00	\$125.00	\$125.00	\$8,375.00	\$8,375.00	\$76.00	\$76.00
34	CONCRETE ENCASUREMENT		Concrete Encasement	\$60.00	\$9,000.00	\$9,000.00	\$9,000.00	\$56.00	\$56.00	\$9,280.00	\$9,280.00	\$70.00	\$70.00
35	STEEL SHEETING		Steel Sheeting	\$35.00	\$28,000.00	\$28,000.00	\$28,000.00	\$32.00	\$32.00	\$25,600.00	\$25,600.00	\$20.00	\$20.00
TOTAL CONSTRUCTION COST				\$1,950,000.00	\$1,648,857.00	\$1,661,563.00	\$1,777,777.00	\$1,777,777.00	\$1,783,477.00	\$1,953,825.00	\$1,953,825.00	\$1,953,825.00	\$1,953,825.00
PERCENT OF ENGINEER'S ESTIMATE				-15.44%	-14.79%	-8.93%	-6.54%	-0.71%					

Low

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Activity ID 07-2018-003
 Bid Date: 12/04/2018

DEPARTMENT OF ENGINEERING
 CITY OF DES MOINES, IOWA

TABULATED BY: E. Hevda APPROVED BY: _____
 CHECKED BY: _____
 CONTRACTOR'S BID TABULATION

PROJECT: LITTLE FOUR MILE TRUNK SANITARY SEWER

ESTIMATE

ITEM	QUANTITY	UNIT	DESCRIPTION	HOLTHOUSE CONSTRUCTION, LLC. LIBERTY, MO 10% BID BOND		E.J.M PIPE SERVICES, INC. COLUMBUS, MN 10% BID BOND		ON TRACK CONSTRUCTION, LLC. NEVADA, IA 10% BID BOND		S.J. LOUIS CONSTRUCTION, INC. ROCKVILLE, MN 10% BID BOND		VANDERPOOL CONSTRUCTION INC. INDIANOLA, IA 10% BID BOND	
				AMOUNT	PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE
1	1	LS	Traffic Control	\$20,000.00	\$20,000.00	\$7,600.00	\$7,600.00	\$30,000.00	\$30,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
2	1	LS	Mobilization	\$69,905.00	\$69,905.00	\$70,000.00	\$70,000.00	\$163,475.00	\$163,475.00	\$249,800.00	\$249,800.00	\$238,800.00	\$238,800.00
3	80	LF	Sanitary Sewer, Trenched, 16" Ductile Iron	\$9,200.00	\$115.00	\$200.00	\$200.00	\$245.00	\$245.00	\$200.00	\$200.00	\$221.00	\$221.00
4	540	LF	Sanitary Sewer, Trenched, 15" Truss Type PVC	\$4,800.00	\$120.00	\$125.00	\$125.00	\$124.00	\$124.00	\$110.00	\$110.00	\$134.00	\$134.00
5	7663	LF	Sanitary Sewer, Trenched, 12" Truss Type PVC	\$904,245.00	\$115.00	\$110.00	\$110.00	\$684,930.00	\$684,930.00	\$900.00	\$900.00	\$1,033,642.00	\$1,033,642.00
6	115	LF	Sanitary Sewer, Trenched, 12" PVC Restrained Joint	\$10,350.00	\$90.00	\$125.00	\$125.00	\$14,375.00	\$14,375.00	\$15,325.00	\$15,325.00	\$14,850.00	\$14,850.00
7	20	LF	Sanitary Sewer, Trenched, 12" Ductile Iron	\$1,800.00	\$90.00	\$175.00	\$175.00	\$3,500.00	\$3,500.00	\$4,000.00	\$4,000.00	\$5,600.00	\$5,600.00
8	10	LF	Sanitary Sewer, Trenched, 8" Ductile Iron	\$900.00	\$90.00	\$150.00	\$150.00	\$1,000.00	\$1,000.00	\$2,150.00	\$2,150.00	\$2,400.00	\$2,400.00
9	570	LF	Sanitary Sewer, Trenchless, 12" Truss Type PVC in Steel Casing Pipe or PVC Restrained Joint	\$171,000.00	\$300.00	\$309,510.00	\$309,510.00	\$18,200.00	\$18,200.00	\$297,540.00	\$297,540.00	\$1,160.00	\$1,160.00
10	120	LF	Sanitary Sewer, Trenchless in Steel Casing Pipe, 12" Truss Type PVC	\$48,000.00	\$400.00	\$765.00	\$765.00	\$94,200.00	\$94,200.00	\$605.00	\$605.00	\$1,120.00	\$1,120.00
11	800	LF	Sanitary Sewer, Directionally Drilled, 12" PVC Restrained Joint	\$160,000.00	\$200.00	\$157.00	\$157.00	\$125,600.00	\$125,600.00	\$355.00	\$355.00	\$450.00	\$450.00
12	1	EACH	Sanitary Sewer, Drop Connection, 8" Ductile Iron	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00	\$4,500.00	\$4,500.00	\$6,585.00	\$6,585.00	\$2,800.00	\$2,800.00
13	2	EACH	Manhole, SW-303, 54"	\$30,000.00	\$15,000.00	\$25,000.00	\$25,000.00	\$30,000.00	\$30,000.00	\$36,730.00	\$36,730.00	\$120,000.00	\$120,000.00
14	8	EACH	Manhole, SW-303, 48"	\$40,000.00	\$5,000.00	\$6,500.00	\$6,500.00	\$1,600.00	\$1,600.00	\$5,400.00	\$5,400.00	\$6,300.00	\$6,300.00
15	26	EACH	Manhole, SW-301, 48"	\$130,000.00	\$5,000.00	\$4,500.00	\$4,500.00	\$167,700.00	\$167,700.00	\$3,750.00	\$3,750.00	\$6,700.00	\$6,700.00
16	80	LF	Sanitary Sewer Service Line, 6"	\$8,000.00	\$100.00	\$75.00	\$75.00	\$5,800.00	\$5,800.00	\$70.00	\$70.00	\$6,400.00	\$6,400.00
17	1	LS	Septic Tank Abandonment	\$10,500.00	\$10,500.00	\$900.00	\$900.00	\$9,500.00	\$9,500.00	\$3,665.00	\$3,665.00	\$3,400.00	\$3,400.00
18	500	LF	Field Tile	\$10,000.00	\$20.00	\$19.20	\$19.20	\$7,500.00	\$7,500.00	\$44.00	\$44.00	\$22,000.00	\$22,000.00
19	30	LF	Remove and Replace Culvert, 36" RCP	\$3,600.00	\$120.00	\$230.00	\$230.00	\$3,750.00	\$3,750.00	\$228.00	\$228.00	\$6,000.00	\$6,000.00
20	50	LF	Remove and Replace Culvert, 24" RCP	\$5,000.00	\$100.00	\$170.00	\$170.00	\$5,500.00	\$5,500.00	\$230.00	\$230.00	\$12,500.00	\$12,500.00
21	50	TON	Trench Foundation	\$2,500.00	\$50.00	\$220.00	\$220.00	\$2,750.00	\$2,750.00	\$30.00	\$30.00	\$1,500.00	\$1,500.00
22	1750	LF	Field Fence, Remove and Replace, 6 Strand Barbed Wire	\$26,250.00	\$15.00	\$19.00	\$19.00	\$22,750.00	\$22,750.00	\$12.50	\$12.50	\$4,500.00	\$4,500.00
23	520	LF	Field Fence, Remove and Replace, Woven Wire with 2 Strand Barbed Wire	\$11,160.00	\$18.00	\$18.00	\$18.00	\$6,060.00	\$6,060.00	\$17.00	\$17.00	\$18,375.00	\$18,375.00
24	1250	LF	Field Fence, Temporary, 4 Strand Barbed Wire	\$17,500.00	\$14.00	\$12,500.00	\$12,500.00	\$17,500.00	\$17,500.00	\$8.00	\$8.00	\$9,300.00	\$9,300.00
25	380	LF	Field Fence, Permanent, 60"	\$7,600.00	\$20.00	\$12.00	\$12.00	\$4,560.00	\$4,560.00	\$13.00	\$13.00	\$18,750.00	\$18,750.00
26	1	LS	Cleaning and Grubbing	\$40,000.00	\$40,000.00	\$47,190.00	\$47,190.00	\$230,000.00	\$230,000.00	\$49,475.00	\$49,475.00	\$80,000.00	\$80,000.00
27	26	LF	Stormwater Pollution Prevention	\$10,000.00	\$10,000.00	\$12,540.00	\$12,540.00	\$11,500.00	\$11,500.00	\$3,496.00	\$3,496.00	\$7,000.00	\$7,000.00
28	7185	LF	Silt Fence, Install, Maintain, and Remove	\$43,110.00	\$6.00	\$1.65	\$1.65	\$11,855.25	\$11,855.25	\$1.40	\$1.40	\$4,370.00	\$4,370.00
29	505	LF	Silt Sock, Install, Maintain, and Remove	\$3,030.00	\$6.00	\$593.25	\$593.25	\$3,030.00	\$3,030.00	\$3.00	\$3.00	\$1,010.00	\$1,010.00
30	12	ACRE	Seeding, Fertilizing, and Mulching, SUDAS Type 2	\$30,000.00	\$2,500.00	\$1,540.00	\$1,540.00	\$16,800.00	\$16,800.00	\$1,010.00	\$1,010.00	\$19,200.00	\$19,200.00
31	153	TON	Granular Surfacing	\$4,655.00	\$30.00	\$3,724.00	\$3,724.00	\$5,650.00	\$5,650.00	\$40.00	\$40.00	\$3,990.00	\$3,990.00
32	25	TON	Temporary Granular Surfacing, 7"	\$875.00	\$35.00	\$30.00	\$30.00	\$750.00	\$750.00	\$30.00	\$30.00	\$650.00	\$650.00
33	67	SY	PCC Driveway, 7" Depth	\$4,020.00	\$60.00	\$111.00	\$111.00	\$6,045.00	\$6,045.00	\$89.00	\$89.00	\$5,560.00	\$5,560.00
34	150	TON	Rip Rap, Class E	\$9,000.00	\$60.00	\$90.00	\$90.00	\$12,000.00	\$12,000.00	\$72.00	\$72.00	\$10,800.00	\$10,800.00
35	40	LF	Concrete Encasement	\$10,000.00	\$250.00	\$210.00	\$210.00	\$12,000.00	\$12,000.00	\$300.00	\$300.00	\$20,000.00	\$20,000.00
36	800	SF	Steel Sheeting	\$28,000.00	\$35.00	\$37.00	\$37.00	\$29,600.00	\$29,600.00	\$40.00	\$40.00	\$40,000.00	\$40,000.00
TOTAL CONSTRUCTION COST				\$1,950,000.00		\$2,040,784.50		\$2,155,776.00		\$2,275,275.00		\$2,855,500.00	
PERCENT OF ENGINEER'S ESTIMATE				+4.86%		+10.60%		+16.65%		+46.44%		+52.30%	