

DATE February 19, 2018

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON LOWER OAK AND HIGHLAND PARK SEWER SEPARATION PHASE 2; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS ROGNES CORP. DBA ROGNES CORPORATION, WARREN ROGNES, PRESIDENT, \$3,742,750.00

WHEREAS, on January 22, 2018, under Roll Call No. 18-0099, 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:

Lower Oak and Highland Park Sewer Separation Phase 2, 07-2017-003

The improvement includes Reinforced Concrete Pipe (RCP) storm sewer 12-inches to 36-inches, water main adjustments, water services, manholes, intakes, Hot Mix Asphalt (HMA) pavement, sidewalks, driveways, associated grading, surface restoration, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 589-071/140, located on Guthrie Avenue from Oxford Street to Saylor Road, North Union Street from Guthrie Avenue to Sheridan Avenue, Corning Avenue from Riverview Park to 2nd Avenue, Boston Street at the intersections with 3rd, 4th and 5th Streets, Ovid Avenue from 5th Street to 2nd Avenue, and Birdland Park-west of 2nd Avenue between Holcomb Avenue and the Des Moines River, 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. dba Rognes Corporation Ankeny, IA
Raccoon Valley Contractors, LLC. Waukee, IA

which were received and 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 February 6, 2018. 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 Rognes Corp. dba Rognes Corporation, Warren Rognes, President, 720 SW Goodwin, Ankeny, IA, 50023 in the amount of \$3,742,750.00, and said bid be and the same is hereby accepted.

DATE February 19, 2018

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.

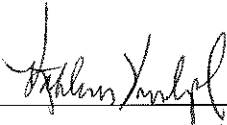
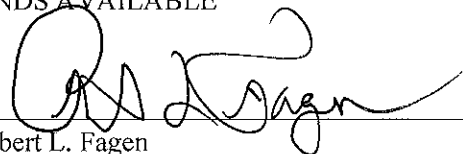
BE IT FURTHER RESOLVED: That the City Council hereby authorizes the necessary road closures for the Project.

(City Council Communication Number 18-078 attached.)

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

FORM APPROVED:

FUNDS AVAILABLE

Kathleen Vanderpool  
Deputy City Attorney

Robert L. Fagen  
Des Moines Finance Director

*AE* Funding Source: 2017-2018 CIP, Page Sanitary - 9, Lower Oak Park and Highland Park Sewer Separation, SS133, Being: \$3,529,325 in SRF funding to be issued; and the remaining \$213,425 from Des Moines Water Works

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

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.

MOTION CARRIED

APPROVED

\_\_\_\_\_  
Mayor

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

TABULATED BY: M. Becker APPROVED BY: R. De Groot  
CHECKED BY: A. Van Veen

**CONTRACTOR'S BID TABULATION**  
PROJECT: Lower Oak and Highland Park Sewer Separation Phase 2

Rognes Corporation Ankeny, IA		Raccoon Valley Contractors Waukee, IA		CONTRACTOR CITY	
BID SECURITY 10% Bid Bond		BID SECURITY 10% Bid Bond		BID SECURITY	
BID PRICE		BID PRICE		BID PRICE	
UNIT	PRICE	UNIT	PRICE	UNIT	PRICE
AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT
1	\$175,000.00	1	\$340,000.00	1	\$340,000.00
2	\$12,500.00	1	\$35,000.00	1	\$35,000.00
3	\$75,000.00	1	\$18,000.00	1	\$18,000.00
4	\$13.50	6600	\$72,600.00	6600	\$72,600.00
5	\$48.00	200	\$13,000.00	200	\$13,000.00
6	\$10.00	350	\$3,500.00	350	\$3,500.00
7	\$9.00	850	\$7,650.00	850	\$7,650.00
8	\$22.00	3205	\$80,125.00	3205	\$80,125.00
9	\$17.00	4000	\$88,000.00	4000	\$88,000.00
10	\$6.00	7800	\$60,700.00	7800	\$60,700.00
11	\$700.00	38	\$22,800.00	38	\$22,800.00
12	\$700.00	1	\$750.00	1	\$750.00
13	\$1,800.00	1	\$1,200.00	1	\$1,200.00
14	\$30.00	400	\$15,200.00	400	\$15,200.00
15	\$275.00	6	\$1,200.00	6	\$1,200.00
16	\$275.00	20	\$4,000.00	20	\$4,000.00
17	\$275.00	8	\$1,600.00	8	\$1,600.00
18	\$275.00	4	\$800.00	4	\$800.00
19	\$275.00	6	\$1,650.00	6	\$1,650.00
20	\$275.00	2	\$600.00	2	\$600.00
21	\$275.00	50	\$13,500.00	50	\$13,500.00
22	\$1,500.00	1	\$2,000.00	1	\$2,000.00
23	\$2,200.00	1	\$5,000.00	1	\$5,000.00
24	\$2,600.00	1	\$5,000.00	1	\$5,000.00
25	\$2,600.00	1	\$5,000.00	1	\$5,000.00
26	\$138.00	135	\$22,275.00	135	\$22,275.00
27	\$140.00	1300	\$239,200.00	1300	\$239,200.00
28	\$145.00	1400	\$263,200.00	1400	\$263,200.00
29	\$175.00	1900	\$368,600.00	1900	\$368,600.00
30	\$228.00	950	\$218,100.00	950	\$218,100.00
31	\$275.00	530	\$116,600.00	530	\$116,600.00
32	\$300.00	420	\$126,000.00	420	\$126,000.00
33	\$26.00	1000	\$36,000.00	1000	\$36,000.00
34	\$500.00	8	\$3,000.00	8	\$3,000.00
35	\$3,400.00	1	\$2,500.00	1	\$2,500.00
36	\$4,400.00	1	\$3,500.00	1	\$3,500.00
37	\$1,500.00	2	\$5,000.00	2	\$5,000.00
38	\$1,400.00	4	\$4,000.00	4	\$4,000.00
39	\$1,600.00	22	\$40,700.00	22	\$40,700.00
40	\$115,000.00	1	\$200,000.00	1	\$200,000.00
41	\$3,900.00	6	\$21,000.00	6	\$21,000.00
42	\$7,600.00	11	\$86,000.00	11	\$86,000.00
43	\$10,900.00	5	\$60,000.00	5	\$60,000.00
44	\$4,400.00	26	\$117,000.00	26	\$117,000.00
45	\$4,000.00	5	\$22,500.00	5	\$22,500.00
46	\$6,200.00	6	\$42,000.00	6	\$42,000.00
47	\$6,900.00	10	\$80,000.00	10	\$80,000.00
48	\$5,800.00	2	\$14,000.00	2	\$14,000.00
49	\$5,100.00	7	\$69,000.00	7	\$69,000.00
50	\$4,900.00	10	\$70,000.00	10	\$70,000.00
51	\$4,900.00	1	\$6,000.00	1	\$6,000.00

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT
1	Mobilization	1	LS	\$174,440.00	\$174,440.00
2	Traffic Control	1	LS	\$25,000.00	\$25,000.00
3	Clearing & Grubbing	1	LS	\$20,000.00	\$20,000.00
4	Removal of Pavement	6600	SY	\$14.00	\$92,400.00
5	Remove and Replace Curb	200	LF	\$75.00	\$15,000.00
6	Removal of Driveway	350	SY	\$12.00	\$4,200.00
7	Removal of Sidewalk	850	SY	\$10.00	\$8,500.00
8	Excavation, Class 10	3205	CY	\$18.00	\$57,690.00
9	Topsoil, Off-Site	4000	CY	\$15.00	\$60,000.00
10	Milling	7800	SY	\$9.00	\$70,200.00
11	Intake Removal	38	EACH	\$550.00	\$20,900.00
12	Manhole Removal	1	EACH	\$750.00	\$750.00
13	Gate Well Removal	1	LS	\$1,200.00	\$1,200.00
14	Storm Sewer Removal, 24" Diameter or Less	400	LF	\$30.00	\$12,000.00
15	Pipe Plug, 8"	6	EACH	\$175.00	\$1,050.00
16	Pipe Plug, 10"	20	EACH	\$180.00	\$3,600.00
17	Pipe Plug, 12"	8	EACH	\$190.00	\$1,520.00
18	Pipe Plug, 15"	4	EACH	\$200.00	\$800.00
19	Pipe Plug, 18"	6	EACH	\$250.00	\$1,500.00
20	Pipe Plug, 24"	2	EACH	\$275.00	\$550.00
21	Flowable Fill	50	CY	\$225.00	\$11,250.00
22	2nd Avenue Box Culvert Plug	1	LS	\$750.00	\$750.00
23	2nd Avenue Box Culvert Connection (15")	1	LS	\$1,000.00	\$1,000.00
24	2nd Avenue Box Culvert Connection (24")	1	LS	\$1,500.00	\$1,500.00
25	2nd Avenue Box Culvert Manhole Access	1	LS	\$1,500.00	\$1,500.00
26	Storm Sewer, 12" RCP, Class III	135	LF	\$100.00	\$13,500.00
27	Storm Sewer, 15" RCP, Class III	1300	LF	\$120.00	\$156,000.00
28	Storm Sewer, 18" RCP, Class III	1400	LF	\$125.00	\$175,000.00
29	Storm Sewer, 24" RCP, Class III	1900	LF	\$130.00	\$247,000.00
30	Storm Sewer, 30" RCP, Class III	950	LF	\$135.00	\$128,250.00
31	Storm Sewer, 36" RCP, Class III	530	LF	\$145.00	\$76,850.00
32	Storm Sewer, Arch (36" Round Equivalent)	420	LF	\$210.00	\$88,200.00
33	6" Longitudinal Subdrain	1000	LF	\$25.00	\$25,000.00
34	6" Longitudinal Subdrain Outlet	8	EACH	\$250.00	\$2,000.00
35	Pipe Apron, 24" RCP, with footing	1	EACH	\$3,000.00	\$3,000.00
36	Pipe Apron, 36" RCP, with footing	1	EACH	\$3,500.00	\$3,500.00
37	Connect to Existing Intake	2	EACH	\$1,200.00	\$2,400.00
38	Connect to Existing Sewer	4	EACH	\$750.00	\$3,000.00
39	Sewer Pipe Support	22	EACH	\$1,500.00	\$33,000.00
40	Stormwater Treatment Device	1	LS	\$125,000.00	\$125,000.00
41	Manhole, Storm Sewer, SW-401, 48" Dia.	6	EACH	\$4,000.00	\$24,000.00
42	Manhole, Storm Sewer, SW-401, 60" Dia.	11	EACH	\$5,500.00	\$60,500.00
43	Manhole, Storm Sewer, SW-401, 84" Dia.	5	EACH	\$8,500.00	\$42,500.00
44	Intake, SW-501	26	EACH	\$4,500.00	\$117,000.00
45	Intake, SW-502, 48"	5	EACH	\$5,500.00	\$27,500.00
46	Intake, SW-503	6	EACH	\$5,500.00	\$33,000.00
47	Intake, SW-503 Modified	10	EACH	\$6,000.00	\$60,000.00
48	Intake, SW-505	2	EACH	\$5,750.00	\$11,500.00
49	Intake, SW-506	7	EACH	\$5,500.00	\$38,500.00
50	Intake, SW-507	10	EACH	\$5,000.00	\$50,000.00
51	Intake, SW-513	1	EACH	\$5,000.00	\$5,000.00

53

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
52	Granular Driveway Surfacing	20 TON	\$30.00	\$600.00	\$31.00	\$620.00	\$30.00	\$600.00		
53	PCC Pavement, 7"	1700 SY	\$60.00	\$102,000.00	\$57.00	\$96,900.00	\$72.00	\$122,400.00		
54	PCC Pavement, 6"	4900 SY	\$55.00	\$269,500.00	\$68.00	\$333,200.00	\$80.00	\$392,000.00		
55	Alley, 7" PCC	90 SY	\$75.00	\$6,750.00	\$65.00	\$5,850.00	\$70.00	\$6,300.00		
56	Driveway, 6" PCC	300 SY	\$60.00	\$18,000.00	\$70.00	\$21,000.00	\$75.00	\$22,500.00		
57	Sidewalk, 6" PCC	300 SY	\$60.00	\$18,000.00	\$100.00	\$30,000.00	\$105.00	\$31,500.00		
58	Sidewalk, 4" PCC	800 SY	\$50.00	\$40,000.00	\$50.00	\$40,000.00	\$50.00	\$40,000.00		
59	6" Modified Subbase	1840 SY	\$15.00	\$27,600.00	\$12.00	\$22,080.00	\$17.00	\$31,280.00		
60	6" Subgrade Prep	1840 SY	\$5.00	\$9,200.00	\$5.00	\$9,200.00	\$7.00	\$12,880.00		
61	Temporary Surfacing	300 TON	\$30.00	\$9,000.00	\$38.00	\$11,400.00	\$40.00	\$12,000.00		
62	HMA ST Surface, 1/2" Mix, No Friction, PG 58-28H	1500 TON	\$125.00	\$187,500.00	\$85.00	\$127,500.00	\$100.00	\$150,000.00		
63	Detectable Warnings for Curb Ramps	600 SF	\$45.00	\$27,000.00	\$40.00	\$24,000.00	\$38.00	\$22,800.00		
64	Relocation of Water Service	15 EACH	\$600.00	\$9,000.00	\$600.00	\$9,000.00	\$500.00	\$7,500.00		
65	Relocate Stop Box	10 EACH	\$375.00	\$3,750.00	\$650.00	\$6,500.00	\$375.00	\$3,750.00		
66	New Water Service	15 EACH	\$750.00	\$11,250.00	\$1,200.00	\$18,000.00	\$750.00	\$11,250.00		
67	New Stop Box Housing	5 EACH	\$450.00	\$2,250.00	\$400.00	\$2,000.00	\$450.00	\$2,250.00		
68	New Stop Box Rod	5 EACH	\$250.00	\$1,250.00	\$350.00	\$1,750.00	\$250.00	\$1,250.00		
69	Check Depth of Water Service	30 EACH	\$400.00	\$12,000.00	\$350.00	\$10,500.00	\$600.00	\$18,000.00		
70	Lower Water Service	20 EACH	\$500.00	\$10,000.00	\$600.00	\$12,000.00	\$500.00	\$10,000.00		
71	Lower Water Service with New Copper	20 EACH	\$1,200.00	\$24,000.00	\$1,200.00	\$24,000.00	\$1,200.00	\$24,000.00		
72	Water Service Tap	25 EACH	\$800.00	\$20,000.00	\$1,500.00	\$37,500.00	\$900.00	\$22,500.00		
73	Stormwater Pollution Prevention	1 LS	\$5,000.00	\$5,000.00	\$4,000.00	\$4,000.00	\$6,000.00	\$6,000.00		
74	Silt Fence, Install and Remove	150 LF	\$4.50	\$675.00	\$2.50	\$375.00	\$3.50	\$525.00		
75	Filter Sock, 12", Install and Remove	1800 LF	\$3.00	\$5,400.00	\$2.50	\$4,500.00	\$3.00	\$5,400.00		
76	Rolled Erosion Control, Type 1	1100 SY	\$2.50	\$2,750.00	\$1.35	\$1,485.00	\$2.50	\$2,750.00		
77	Tree Trunk Protection	20 EACH	\$300.00	\$6,000.00	\$220.00	\$4,400.00	\$250.00	\$5,000.00		
78	Tree Protection Fence (4')	200 LF	\$4.00	\$800.00	\$3.00	\$600.00	\$4.00	\$800.00		
79	Seeding, Type 1	500 SQ	\$16.00	\$8,000.00	\$2.00	\$1,000.00	\$2.50	\$1,250.00		
80	Soccer Field Seeding	4 ACRE	\$3,000.00	\$12,000.00	\$3,850.00	\$15,400.00	\$4,000.00	\$16,000.00		
81	Detention Basin Seeding	1 ACRE	\$2,750.00	\$2,750.00	\$3,250.00	\$3,250.00	\$3,500.00	\$3,500.00		
82	Sod	275 SQ	\$75.00	\$20,625.00	\$65.00	\$17,875.00	\$70.00	\$19,250.00		
83	Bioretention Basin No. 1	1 LS	\$10,000.00	\$10,000.00	\$17,000.00	\$17,000.00	\$25,000.00	\$25,000.00		
84	Bioretention Basin No. 2	1 LS	\$15,000.00	\$15,000.00	\$24,000.00	\$24,000.00	\$45,000.00	\$45,000.00		
85	Rip Rap, Class D	10 TON	\$80.00	\$800.00	\$90.00	\$900.00	\$150.00	\$1,500.00		
86	Maintenance of Solid Waste Collection	1 LS	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$6,000.00	\$6,000.00		
87	Repair Sanitary Sewer Service	10 EACH	\$2,000.00	\$20,000.00	\$2,400.00	\$24,000.00	\$2,000.00	\$20,000.00		
88	8" CL52 Ductile Iron Pipe, Stab	195 LF	\$90.00	\$17,550.00	\$105.00	\$20,475.00	\$65.00	\$12,675.00		
89	8" C900 PVC Pipe, Stab	685 LF	\$80.00	\$54,800.00	\$90.00	\$61,650.00	\$50.00	\$34,250.00		
90	8" Bend	3 EACH	\$1,000.00	\$3,000.00	\$850.00	\$2,550.00	\$1,000.00	\$3,000.00		
91	8" Cap	2 EACH	\$2,000.00	\$4,000.00	\$2,400.00	\$4,800.00	\$500.00	\$1,000.00		
92	Fire Hydrant Assembly	3 EACH	\$6,000.00	\$18,000.00	\$5,500.00	\$16,500.00	\$4,500.00	\$13,500.00		
93	Prepare Excavation for Tapping Sleeve and Valve	1 EACH	\$4,000.00	\$4,000.00	\$3,800.00	\$3,800.00	\$3,000.00	\$3,000.00		
94	New 1" Water Service Transfer, Same Side	3 EACH	\$2,000.00	\$6,000.00	\$1,850.00	\$5,550.00	\$2,800.00	\$8,400.00		
95	32-lb Magnesium Anode	3 EACH	\$400.00	\$1,200.00	\$1,700.00	\$5,100.00	\$1,300.00	\$3,900.00		
96	Cathodic Protection Test Station	1 EACH	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$1,400.00	\$1,400.00		
97	Cap out 8" Water Main @ Guthrie Avenue & North Union Street	1 LS	\$6,000.00	\$6,000.00	\$5,800.00	\$5,800.00	\$6,700.00	\$6,700.00		
98	Hydrant Re-location #1	1 EACH	\$3,500.00	\$3,500.00	\$5,700.00	\$5,700.00	\$7,500.00	\$7,500.00		
99	Hydrant Re-location #2	1 EACH	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$10,000.00	\$10,000.00		
100	Water Main Alteration #1	1 LS	\$25,000.00	\$25,000.00	\$27,500.00	\$27,500.00	\$38,000.00	\$38,000.00		
101	Water Main Alteration #2	1 LS	\$26,000.00	\$26,000.00	\$29,000.00	\$29,000.00	\$40,000.00	\$40,000.00		
102	Water Main Alteration #3	1 LS	\$14,000.00	\$14,000.00	\$17,000.00	\$17,000.00	\$28,000.00	\$28,000.00		

TOTAL CONSTRUCTION COST

PERCENT OF ENGINEER'S ESTIMATE

\$3,250,000.00

\$3,742,750.00

\$4,280,610.00

+15.16%

+31.71%

Low

53