



DATE March 8, 2018

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON NEAR WEST SIDE SEWER SEPARATION PHASE 2; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS JASPER CONSTRUCTION SERVICES, INC., CLIFF RHOADS, PRESIDENT, \$4,479,655.00

WHEREAS, on February 5, 2018, under Roll Call No. 18-0179, 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:

Near West Side Sewer Separation Phase 2, 07-2017-002

The improvement includes Reinforced Concrete Pipe (RCP) storm sewer 15-inches to 24-inches, trenchless RCP storm sewer 18-inches, PVC sanitary sewer 8-inches, trenchless Polyvinylchloride (PVC) sanitary sewer 3-inches, sanitary services, water services, water main adjustments, manholes, intakes, Hot Mix Asphalt (HMA) pavements, sidewalks, driveways, associated grading, pavement markings, surface restoration, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 591-065/167, located on 23rd Street at High Street, Woodland Avenue at 25th Street, Pleasant Street from 24th Street to 25th Street, 25th Street from Pleasant Street to Center Street, Center Street from 24th Street to 25th Street, 24th Street from Center Street to Olive Avenue, Olive Avenue from 23rd Street to 24th Street, 23rd Street south of Rollins Avenue, 22nd Street at Olive Avenue, 28th Street from Pleasant Street to Center Street, Center Street at 29th Street, Kingman Boulevard from 25th Street to 26th Street, 28th Street from Cottage Grove Avenue to Brattleboro Avenue, Cottage Grove Avenue from 25th Street to 28th Street, Cottage Grove Avenue from 29th Street to 31st Street, and University Avenue from 29th Street to 31st Street, 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:

- |                                    |  |
|------------------------------------|--|
| Jasper Construction Services, Inc. | Newton, IA   |
| Synergy Contracting, LLC           | Bondurant, IA - Bid read under advisement – Attachment 5 (SRF Form) not signed |
| Raccoon Valley Contractors, LLC.   | Waukee, IA   |

which were received and opened at a public meeting presided over by the Engineer in the Shijiazhuang Room, Second Floor, City Administration Building, 400 E. Court Avenue, Des Moines, Iowa at 11:00 a.m. on February 20, 2018. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.



**Roll Call Number**

Agenda Item Number

69

DATE March 8, 2018

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 Jasper Construction Services, Inc., Cliff Rhoads, President, 928 N 19th Avenue East, Newton, IA, 50208 in the amount of \$4,479,655.00, 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.

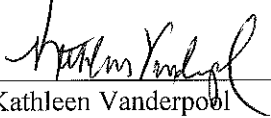
BE IT FURTHER RESOLVED: That the Engineer is hereby directed to secure execution by the lowest responsible, responsive Bidder and its surety of the contract documents in the form heretofore approved by this Council; that the Engineer is directed to thereafter present said contract documents to this Council 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 18-112 attached.)

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

FORM APPROVED:

FUNDS AVAILABLE

  
Kathleen Vanderpool  
Deputy City Attorney

  
Robert L. Fagen  
Des Moines Finance Director

AE Funding Source: Recom. 2018-19 CIP, Page Sanitary – 7, Near West Side Sewer Separation, SS132, Being: \$4,421,655 in SRF funding to be issued; and the remaining \$58,000 from Des Moines Water Works

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

TABULATED BY: C. Bouska APPROVED BY: R. De Groot  
CHECKED BY: [Signature]

**CONTRACTOR'S BID TABULATION**  
**PROJECT: NEAR WEST SIDE SEWER SEPARATION PHASE 2**

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT		
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	
1	Clearing and Grubbing	800	UNIT	\$57.00	\$45,600.00	\$120.00	\$96,000.00	\$70.00	\$56,000.00	\$60.00	\$48,000.00
2	Below Grade Excavation (Core Out)	1100	CY	\$25.00	\$27,500.00	\$10.00	\$11,000.00	\$16.80	\$18,480.00	\$7.00	\$7,700.00
3	Subgrade Preparation	15040	SY	\$4.00	\$60,160.00	\$5.00	\$75,200.00	\$4.20	\$63,168.00	\$8.00	\$120,320.00
4	Subgrade Treatment, Geogrid, Type 1	3630	SY	\$3.50	\$12,705.00	\$3.00	\$10,890.00	\$4.20	\$15,246.00	\$5.00	\$18,150.00
5	Subbase, Special Backfill	14360	SY	\$12.00	\$172,320.00	\$14.00	\$201,040.00	\$14.00	\$201,040.00	\$15.00	\$215,400.00
6	Class A Roadstone	3000	TON	\$25.00	\$75,000.00	\$19.00	\$57,000.00	\$30.80	\$92,400.00	\$40.00	\$120,000.00
7	Trench Foundation	500	TON	\$25.00	\$12,500.00	\$60.00	\$30,000.00	\$42.00	\$21,000.00	\$7.00	\$3,500.00
8	Special Pipe Embedment or Encasement	11	EA	\$600.00	\$6,600.00	\$750.00	\$8,250.00	\$560.00	\$6,160.00	\$1,500.00	\$16,500.00
9	Sanitary Sewer Gravity Main, Trenched, PVC, 8"	167	LF	\$50.00	\$8,350.00	\$200.00	\$33,400.00	\$158.20	\$26,419.40	\$300.00	\$50,100.00
10	Sanitary Sewer Force Main, Trenchless, PVC, 3"	865	LF	\$25.00	\$21,625.00	\$40.00	\$34,600.00	\$54.60	\$47,229.00	\$50.00	\$43,250.00
11	Sanitary Sewer Service, PVC, 6"	60	LF	\$45.00	\$2,700.00	\$180.00	\$10,800.00	\$89.60	\$5,376.00	\$100.00	\$6,000.00
12	Sanitary Sewer Service Replacement	36	EA	\$3,500.00	\$126,000.00	\$3,000.00	\$108,000.00	\$2,800.00	\$100,800.00	\$3,700.00	\$133,200.00
13	Storm Sewer, Trenched, RCP, 15"	1386	LF	\$80.00	\$110,880.00	\$140.00	\$194,040.00	\$119.00	\$164,934.00	\$222.00	\$307,692.00
14	Storm Sewer, Trenched, RCP, 18"	4658	LF	\$100.00	\$465,800.00	\$142.00	\$661,436.00	\$135.80	\$632,556.40	\$235.00	\$1,094,630.00
15	Storm Sewer, Trenched, RCP, 24"	1124	LF	\$120.00	\$134,880.00	\$160.00	\$179,840.00	\$176.40	\$198,273.60	\$275.00	\$309,100.00
16	Storm Sewer, Trenchless, RCP, 18"	40	LF	\$750.00	\$30,000.00	\$500.00	\$20,000.00	\$313.60	\$12,544.00	\$1,000.00	\$40,000.00
17	Removal of Storm Sewer, Less Than or Equal To 30"	885	LF	\$15.00	\$13,275.00	\$32.00	\$28,320.00	\$14.00	\$12,390.00	\$40.00	\$35,400.00
18	Underdrain Connection, PVC, 6"	6	EA	\$500.00	\$3,000.00	\$500.00	\$3,000.00	\$560.00	\$3,360.00	\$800.00	\$4,800.00
19	Plug Existing Sewer	22	EA	\$600.00	\$13,200.00	\$400.00	\$8,800.00	\$280.00	\$6,160.00	\$800.00	\$17,600.00
20	Water Service Replacement, Less Than or Equal To 2"	20	EA	\$3,500.00	\$70,000.00	\$4,000.00	\$80,000.00	\$2,240.00	\$44,800.00	\$2,800.00	\$56,000.00
21	Water Service Replacement, Greater Than or Equal To 4"	1	EA	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00	\$5,600.00	\$5,600.00	\$4,000.00	\$4,000.00
22	Water Service Corporation	20	EA	\$2,000.00	\$40,000.00	\$1,500.00	\$30,000.00	\$840.00	\$16,800.00	\$1,500.00	\$30,000.00
23	Water Main Relocation	2	EA	\$9,000.00	\$18,000.00	\$14,000.00	\$28,000.00	\$13,300.00	\$26,600.00	\$30,000.00	\$60,000.00
24	Fire Hydrant Relocation	4	EA	\$4,000.00	\$16,000.00	\$7,500.00	\$30,000.00	\$12,600.00	\$50,400.00	\$10,000.00	\$40,000.00
25	Manhole Type SW-301, 48"	2	EA	\$5,000.00	\$10,000.00	\$5,000.00	\$10,000.00	\$5,810.00	\$11,620.00	\$5,000.00	\$10,000.00
26	Manhole Type SW-401, 48"	8	EA	\$5,000.00	\$40,000.00	\$4,000.00	\$32,000.00	\$4,130.00	\$33,040.00	\$4,000.00	\$32,000.00
27	Manhole Type SW-401, 60"	2	EA	\$6,500.00	\$13,000.00	\$6,000.00	\$12,000.00	\$7,420.00	\$14,840.00	\$5,000.00	\$10,000.00
28	Intake Type SW-501	4	EA	\$5,000.00	\$20,000.00	\$4,500.00	\$18,000.00	\$5,400.00	\$21,600.00	\$5,000.00	\$20,000.00
29	Intake Type SW-505	38	EA	\$6,000.00	\$228,000.00	\$6,250.00	\$237,500.00	\$8,400.00	\$319,200.00	\$7,000.00	\$266,000.00
30	Intake Type SW-506	6	EA	\$7,000.00	\$42,000.00	\$7,500.00	\$45,000.00	\$9,672.00	\$58,032.00	\$8,000.00	\$48,000.00
31	Intake Type SW-508	1	EA	\$6,500.00	\$6,500.00	\$5,500.00	\$5,500.00	\$8,400.00	\$8,400.00	\$8,500.00	\$8,500.00
32	Intake Type SW-509	6	EA	\$9,000.00	\$54,000.00	\$7,750.00	\$46,500.00	\$10,200.00	\$61,200.00	\$8,500.00	\$51,000.00
33	Intake Type SW-541 with SW-542 Extension	2	EA	\$9,500.00	\$19,000.00	\$10,000.00	\$20,000.00	\$12,600.00	\$25,200.00	\$10,000.00	\$20,000.00
34	Manhole Adjustment, Minor	5	EA	\$1,000.00	\$5,000.00	\$2,000.00	\$10,000.00	\$1,820.00	\$9,100.00	\$1,500.00	\$7,500.00
35	Connection to Existing Structure	15	EA	\$2,000.00	\$30,000.00	\$3,500.00	\$52,500.00	\$2,100.00	\$31,500.00	\$1,500.00	\$22,500.00
36	Remove Manhole	8	EA	\$800.00	\$6,400.00	\$500.00	\$4,000.00	\$420.00	\$3,360.00	\$500.00	\$4,000.00
37	Remove Intake	17	EA	\$750.00	\$12,750.00	\$500.00	\$8,500.00	\$280.00	\$4,760.00	\$500.00	\$8,500.00
38	Pavement, PCC, 8"	1255	SY	\$80.00	\$100,400.00	\$80.00	\$100,400.00	\$66.00	\$82,830.00	\$76.00	\$95,380.00
39	Curb and Gutter, 2.0', 4"	2970	LF	\$50.00	\$148,500.00	\$40.00	\$118,800.00	\$40.70	\$120,879.00	\$38.00	\$112,860.00
40	Curb and Gutter, 2.5', 6"	2895	LF	\$55.00	\$159,225.00	\$45.00	\$130,275.00	\$44.00	\$127,380.00	\$40.00	\$115,800.00

Jasper Construction  
Services, Inc.  
Newton, IA

BID SECURITY  
10% Bid Bond

BID PRICE

Synergy Contracting, LLC  
Bondurant, IA

BID SECURITY  
10% Bid Bond

BID PRICE

Raccoon Valley Contractors  
Waukee, IA

BID SECURITY  
10% Bid Bond

BID PRICE

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ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
41	Pavement, HMA HT Base, 3/4" Mix, PG 58-28 S	435 TON	\$140.00	\$60,900.00	\$95.00	\$41,325.00	\$99.00	\$43,065.00	\$130.00	\$56,550.00
42	Pavement, HMA ST Base, 3/4" Mix, PG 58-28 S	1495 TON	\$130.00	\$194,350.00	\$95.00	\$142,025.00	\$113.30	\$169,383.50	\$125.00	\$186,875.00
43	Pavement, HMA HT Surface, 1/2" Mix, No Fric., PG 58-28 V	140 TON	\$140.00	\$19,600.00	\$105.00	\$14,700.00	\$121.00	\$16,940.00	\$115.00	\$16,100.00
44	Pavement, HMA ST Surface, 1/2" Mix, No Fric., PG 58-28 S	1520 TON	\$130.00	\$197,600.00	\$95.00	\$144,400.00	\$115.50	\$175,560.00	\$115.00	\$174,800.00
45	HMA Pavement Samples and Testing	1 LS	\$7,000.00	\$7,000.00	\$3,500.00	\$3,500.00	\$3,437.50	\$3,437.50	\$2,500.00	\$2,500.00
46	Removal of Sidewalk	2180 SY	\$11.00	\$23,980.00	\$15.00	\$32,700.00	\$11.20	\$24,416.00	\$8.00	\$17,440.00
47	Removal of Driveway	955 SY	\$11.00	\$10,505.00	\$15.00	\$14,325.00	\$11.20	\$10,696.00	\$9.00	\$8,595.00
48	Sidewalk, PCC, 4"	1665 SY	\$60.00	\$99,900.00	\$60.00	\$99,900.00	\$55.00	\$91,575.00	\$75.00	\$124,875.00
49	Sidewalk, PCC, 6"	420 SY	\$65.00	\$27,300.00	\$70.00	\$29,400.00	\$60.50	\$25,410.00	\$120.00	\$50,400.00
50	Detectable Warning	643 SF	\$40.00	\$25,720.00	\$45.00	\$28,935.00	\$44.00	\$28,292.00	\$40.00	\$25,720.00
51	Driveway, Paved, PCC, 7"	1065 SY	\$70.00	\$74,550.00	\$72.00	\$76,680.00	\$60.50	\$64,432.50	\$80.00	\$85,200.00
52	Pavement Removal	14350 SY	\$10.00	\$143,500.00	\$15.00	\$215,250.00	\$11.20	\$160,720.00	\$10.00	\$143,500.00
53	Engineering Fabric	3400 SY	\$4.00	\$13,600.00	\$3.00	\$10,200.00	\$2.80	\$9,520.00	\$4.00	\$13,600.00
54	Underdrain, PVC, 6"	1500 LF	\$20.00	\$30,000.00	\$18.00	\$27,000.00	\$7.00	\$10,500.00	\$12.00	\$18,000.00
55	Storage Aggregate	3160 TON	\$30.00	\$94,800.00	\$45.00	\$142,200.00	\$63.00	\$199,080.00	\$38.00	\$120,080.00
56	Filter Aggregate	250 TON	\$40.00	\$10,000.00	\$50.00	\$12,500.00	\$63.00	\$15,750.00	\$40.00	\$10,000.00
57	Permeable Interlocking Pavers, Concrete	1200 SY	\$110.00	\$132,000.00	\$80.00	\$96,000.00	\$107.80	\$129,360.00	\$125.00	\$150,000.00
58	PCC Edge Restraint, 12"x6"	1640 LF	\$50.00	\$82,000.00	\$30.00	\$49,200.00	\$14.00	\$22,960.00	\$40.00	\$65,600.00
59	Traffic Control	1 LS	\$75,000.00	\$75,000.00	\$95,000.00	\$95,000.00	\$41,300.00	\$41,300.00	\$50,000.00	\$50,000.00
60	Painted Pavement Markings, Solvent/Waterborne	40.1 STA	\$100.00	\$4,010.00	\$40.00	\$1,604.00	\$56.00	\$2,245.60	\$100.00	\$4,010.00
61	Pavement Markings Removed	18.3 STA	\$75.00	\$1,372.50	\$50.00	\$915.00	\$70.00	\$1,281.00	\$75.00	\$1,372.50
62	Precut Symbols and Legends	1 EA	\$800.00	\$800.00	\$350.00	\$350.00	\$490.00	\$490.00	\$500.00	\$500.00
63	Hydraulic Seeding, Seeding, Fertilizing, and Mulching	1.5 AC	\$8,000.00	\$12,000.00	\$10,500.00	\$15,750.00	\$8,120.00	\$12,180.00	\$10,500.00	\$15,750.00
64	Stormwater Pollution Prevention	1 LS	\$15,000.00	\$15,000.00	\$5,750.00	\$5,750.00	\$5,600.00	\$5,600.00	\$5,000.00	\$5,000.00
65	Erosion Control Mulching, Hydromulching	1.5 AC	\$3,000.00	\$4,500.00	\$4,000.00	\$6,000.00	\$4,900.00	\$7,350.00	\$3,800.00	\$5,700.00
66	Inlet Protection Device	77 EA	\$150.00	\$11,550.00	\$140.00	\$10,780.00	\$210.00	\$16,170.00	\$150.00	\$11,550.00
67	Inlet Protection Device, Maintenance	77 EA	\$40.00	\$3,080.00	\$25.00	\$1,925.00	\$14.00	\$1,078.00	\$30.00	\$2,310.00
68	Linear Erosion Control	1000 LF	\$3.00	\$3,000.00	\$1.50	\$1,500.00	\$2.80	\$2,800.00	\$1.50	\$1,500.00
69	Linear Erosion Control, Removal	1000 LF	\$0.50	\$500.00	\$0.25	\$250.00	\$0.14	\$140.00	\$0.25	\$250.00
70	Tree Protection Fence	2200 LF	\$4.00	\$8,800.00	\$2.50	\$5,500.00	\$3.50	\$7,700.00	\$3.00	\$6,600.00
71	Tree Trimming	19 EA	\$750.00	\$14,250.00	\$1,000.00	\$19,000.00	\$420.00	\$7,980.00	\$800.00	\$15,200.00
72	Mobilization	1 LS	\$113,462.50	\$113,462.50	\$326,000.00	\$326,000.00	\$478,800.00	\$478,800.00	\$453,000.00	\$453,000.00
73	Maintenance of Postal Service	1 LS	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00	\$2,800.00	\$2,800.00	\$8,000.00	\$8,000.00
74	Maintenance of Solid Waste Collection	1 LS	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00	\$2,800.00	\$2,800.00	\$6,000.00	\$6,000.00
75	Concrete Washout	1 LS	\$3,000.00	\$3,000.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,000.00	\$3,000.00
TOTAL CONSTRUCTION COST				\$3,915,000.00		\$4,479,655.00		\$4,555,989.50		\$5,472,959.50
PERCENT OF ENGINEER'S ESTIMATE						+14.42%		+16.37%		+39.79%
						Low	Bid Read Under Advisement: Attachment 5 (SRF Form) was not signed			

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