

DATE June 24, 2019

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON 47TH AND HOLCOMB STORM SEWER IMPROVEMENTS; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS S. M. HENTGES & SONS INC., STEVEN M. HENTGES, PRESIDENT, \$5,948,907.50

WHEREAS, on May 20, 2019, under Roll Call No. 19-0775, 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:

47th and Holcomb Storm Sewer Improvements, 08-2019-014

The improvement includes constructing new Reinforced Concrete Box (RCB) storm sewer, Reinforced Concrete Pipe (RCP) storm sewer sizes 15-inches to 42-inches, precast manholes, cast-in-place manholes and intakes, Polyvinyl Chloride (PVC) sanitary sewer, Ductile Iron (DI) water main, Portland Cement Concrete (PCC) pavement, Hot-Mix Asphalt (HMA) paving, PCC curb and gutter, earthwork and grading, erosion control, restoration, and other associated and incidental items; all in accordance with contract documents, including Plan File Nos. 611-067/178, located on 47th Street and Holcomb Avenue, 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:

- |                                    |            |
|------------------------------------|------------|
| S. M. Hentges & Sons Inc.          | Jordan, MN |
| Jasper Construction Services, Inc. | Newton, IA |

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 June 11, 2019. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.

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DATE June 24, 2019

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 S. M. Hentges & Sons Inc., Steven M. Hentges, President, 650 Quaker Avenue, Suite 200, Jordan, MN, 55352 in the amount of \$5,948,907.50, 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.

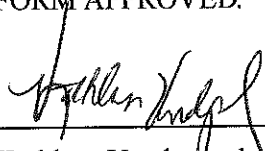
BE IT FURTHER RESOLVED: That the Engineer is hereby directed to secure execution by the lowest responsible, responsive Bidder and its surety of the contract documents in the form heretofore approved by this Council; that the Engineer is directed to thereafter present said contract documents to this Council 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 19-289 attached.)

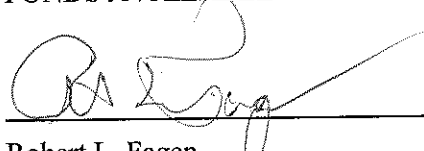
Moved by \_\_\_\_\_ to adopt.

FORM APPROVED:



Kathleen Vanderpool  
Deputy City Attorney

FUNDS AVAILABLE



Robert L. Fagen  
Des Moines Finance Director

SLN Funding Source: 2019-2020 CIP, Page Storm – 5, Closes Creek Watershed Improvements, SM068, Being: \$2,222,365.50 of Stormwater Utility Bonds Issued and \$3,000,000 of Stormwater Utility Bonds to be Issued; and the remaining \$726,542.00 from Des Moines Water Works

★ **Roll Call Number**

**Agenda Item Number**

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DATE June 24, 2019

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

MOTION CARRIED


APPROVED

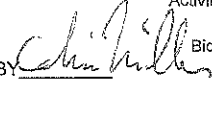
\_\_\_\_\_  
Mayor

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

TABULATED BY: M. Radermacher  
CHECKED BY: 

APPROVED BY: 

**CONTRACTOR'S BID TABULATION**  
**PROJECT: 47TH AND HOLCOMB STORM SEWER IMPROVEMENTS**

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	
1	Clearing and Grubbing	1	LS	\$2,000.00	\$2,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
2	Topsoil, Off-site	553	CY	\$45.00	\$24,885.00	\$53.00	\$29,309.00	\$40.00	\$22,120.00
3	Below Grade Excavation (Core Out)	500	CY	\$20.00	\$10,000.00	\$20.25	\$10,125.00	\$10.00	\$5,000.00
4	Subgrade Preparation	2875	SY	\$5.00	\$14,375.00	\$4.00	\$11,500.00	\$12.50	\$35,937.50
5	Subgrade Treatment, Geogrid, Type 2	1183	SY	\$3.00	\$3,549.00	\$3.75	\$4,436.25	\$2.50	\$2,957.50
6	Subbase, Modified, 6"	6045	SY	\$15.00	\$90,675.00	\$11.25	\$68,006.25	\$15.00	\$90,675.00
7	Subbase, Special Backfill, 6"	1183	SY	\$10.00	\$11,830.00	\$12.00	\$14,196.00	\$15.00	\$17,745.00
8	Class A Roadstone	300	TON	\$35.00	\$10,500.00	\$29.50	\$8,850.00	\$30.00	\$9,000.00
9	Trench Foundation	169	TON	\$35.00	\$5,915.00	\$43.25	\$7,309.25	\$35.00	\$5,915.00
10	Special Pipe Support	1	EA	\$2,000.00	\$2,000.00	\$6,750.00	\$6,750.00	\$3,000.00	\$3,000.00
11	Imported Granular Backfill	350	TON	\$30.00	\$10,500.00	\$83.50	\$29,225.00	\$50.00	\$17,500.00
12	Sanitary Sewer Gravity Main, Trenched, PVC, 10"	2794	LF	\$85.00	\$237,490.00	\$137.00	\$382,778.00	\$110.00	\$307,340.00
13	Sanitary Sewer Service Replacement	880	LF	\$200.00	\$176,000.00	\$230.50	\$202,840.00	\$120.00	\$105,600.00
14	Storm Sewer, Trenched, RCP, 15"	187	LF	\$100.00	\$18,700.00	\$192.00	\$35,904.00	\$110.00	\$20,570.00
15	Storm Sewer, Trenched, RCP, 18"	21	LF	\$150.00	\$3,150.00	\$197.00	\$4,137.00	\$120.00	\$2,520.00
16	Storm Sewer, Trenched, RCP, 24"	180	LF	\$150.00	\$27,000.00	\$254.00	\$45,720.00	\$150.00	\$27,000.00
17	Storm Sewer, Trenched, DIP, 24"	54	LF	\$300.00	\$16,200.00	\$286.00	\$15,444.00	\$350.00	\$18,900.00
18	Storm Sewer, Trenched, RCP, 30"	282	LF	\$150.00	\$42,300.00	\$221.00	\$62,322.00	\$150.00	\$42,300.00
19	Storm Sewer, Trenched, RCP, 36"	50	LF	\$200.00	\$10,000.00	\$299.00	\$14,950.00	\$200.00	\$10,000.00
20	Storm Sewer, Trenched, RCP, 42"	140	LF	\$250.00	\$35,000.00	\$304.00	\$42,560.00	\$250.00	\$35,000.00
21	Storm Sewer, Trenched, RCAP, 42" Equivalent	39	LF	\$300.00	\$11,700.00	\$387.00	\$15,093.00	\$400.00	\$15,600.00
22	Reinforced Concrete Box (RCB), Single Cell, 12'x4'	1510	LF	\$1,250.00	\$1,887,500.00	\$1,083.00	\$1,635,330.00	\$1,375.00	\$2,076,250.00
23	Storm Sewer, Trenchless, RCP, 36"	110	LF	\$900.00	\$99,000.00	\$1,187.00	\$130,570.00	\$1,625.00	\$178,750.00
24	Removal of Sewer, Less Than or Equal To 30"	2656	LF	\$25.00	\$66,400.00	\$25.50	\$67,728.00	\$30.00	\$79,680.00
25	Connection to RCB, 24" Storm Sewer	16	EA	\$1,500.00	\$24,000.00	\$3,050.00	\$48,800.00	\$2,500.00	\$40,000.00
26	Connection to RCB, RCB Cross Connection	2	EA	\$10,000.00	\$20,000.00	\$18,070.00	\$36,140.00	\$35,000.00	\$70,000.00
27	Connection to RCB, Cast-in-Place End Cap	3	EA	\$5,000.00	\$15,000.00	\$14,350.00	\$43,050.00	\$12,500.00	\$37,500.00
28	Subdrain, Type 2, 8"	3667	LF	\$30.00	\$110,010.00	\$26.00	\$95,342.00	\$32.00	\$117,344.00
29	Subdrain Cleanout, Type A-1, 8"	7	EA	\$700.00	\$4,900.00	\$674.00	\$4,718.00	\$1,000.00	\$7,000.00
30	Subdrain Cleanout, Type A-2, 4"	46	EA	\$500.00	\$24,000.00	\$550.00	\$26,400.00	\$500.00	\$24,000.00
31	Subdrain Outlet and Connections, 8"	33	EA	\$500.00	\$16,500.00	\$867.00	\$28,611.00	\$500.00	\$16,500.00
32	Storm Sewer Service Stub, PVC, 4"	753	LF	\$25.00	\$18,825.00	\$35.50	\$26,731.50	\$50.00	\$37,650.00
33	Plug Existing Sewer	1	EA	\$600.00	\$600.00	\$1,350.00	\$1,350.00	\$500.00	\$500.00
34	Water Main, 8", DIP	1380	LF	\$90.00	\$124,200.00	\$179.00	\$247,020.00	\$120.00	\$165,600.00
35	Water Main, 8", DIP, Restrained Joint	175	LF	\$120.00	\$21,000.00	\$186.00	\$32,550.00	\$115.00	\$20,125.00
36	Casing Pipe, 16", PVC	30	LF	\$150.00	\$4,500.00	\$154.00	\$4,620.00	\$260.00	\$7,800.00
37	Fitting, Bend, 8"	9	EA	\$1,000.00	\$9,000.00	\$1,174.00	\$10,566.00	\$1,000.00	\$9,000.00
38	Fitting, Solid Sleeve, 8"	2	EA	\$500.00	\$1,000.00	\$2,726.00	\$5,452.00	\$1,500.00	\$3,000.00
39	Fitting, Tee, 8"x8"	1	EA	\$1,600.00	\$1,600.00	\$780.00	\$780.00	\$2,500.00	\$2,500.00
40	Fitting, Cap/Plug, 8"	1	EA	\$1,000.00	\$1,000.00	\$222.00	\$222.00	\$1,500.00	\$1,500.00
41	Valve, Gate, 8"	1	EA	\$2,500.00	\$2,500.00	\$1,850.00	\$1,850.00	\$3,500.00	\$3,500.00
42	Hydrant Assembly	5	EA	\$6,000.00	\$30,000.00	\$5,875.00	\$29,375.00	\$6,000.00	\$30,000.00
43	Hydrant By-Pass Assembly	1	EA	\$10,000.00	\$10,000.00	\$9,524.00	\$9,524.00	\$12,000.00	\$12,000.00
44	Water Service, 1", Opposite Side	20	EA	\$3,500.00	\$70,000.00	\$4,616.00	\$92,320.00	\$3,000.00	\$60,000.00
45	Water Service, 1", Same Side	21	EA	\$2,500.00	\$52,500.00	\$3,241.00	\$68,061.00	\$1,500.00	\$31,500.00
46	Water Main Alteration, Type 1, 8"	1	EA	\$15,000.00	\$15,000.00	\$15,533.00	\$15,533.00	\$12,500.00	\$12,500.00
47	Water Main Alteration, Type 3, 8"	2	EA	\$15,000.00	\$30,000.00	\$5,878.00	\$11,756.00	\$8,500.00	\$17,000.00
48	Remove Tee / Tapping Sleeve	2	EA	\$5,000.00	\$10,000.00	\$6,355.00	\$12,710.00	\$7,000.00	\$14,000.00
49	Remove Water Main	1550	LF	\$10.00	\$15,500.00	\$16.50	\$25,575.00	\$25.00	\$38,750.00

S.M. Hentges & Sons, Inc.  
Jordan, MN

BID SECURITY  
10% Bid Bond

BID PRICE

Jasper Construction  
Services, Inc.  
Newton, IA

BID SECURITY  
10% Bid Bond

BID PRICE

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ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
50	Remove and Replace Hydrant Assembly	1 EA	\$10,000.00	\$10,000.00	\$7,527.00	\$7,527.00	\$10,000.00	\$10,000.00
51	Magnesium Anode, 32-Pound	18 EA	\$500.00	\$9,000.00	\$611.00	\$10,998.00	\$850.00	\$15,300.00
52	Cathodic Protection Test Station	3 EA	\$500.00	\$1,500.00	\$853.00	\$2,559.00	\$2,500.00	\$7,500.00
53	Connection to Existing Main	3 EA	\$4,000.00	\$12,000.00	\$11,597.00	\$34,791.00	\$12,000.00	\$36,000.00
54	Manhole, Type SW-301, 48"	11 EA	\$5,500.00	\$60,500.00	\$6,133.00	\$67,463.00	\$5,000.00	\$55,000.00
55	Manhole, Type SW-401, 60"	1 EA	\$6,000.00	\$6,000.00	\$5,307.00	\$5,307.00	\$10,000.00	\$10,000.00
56	Manhole, Type SW-401, 72"	2 EA	\$9,000.00	\$18,000.00	\$11,516.00	\$23,032.00	\$11,000.00	\$22,000.00
57	Manhole, Type SW-401, 84"	1 EA	\$11,000.00	\$11,000.00	\$8,760.00	\$8,760.00	\$12,000.00	\$12,000.00
58	Manhole, Type SW-404, 7'x6'	1 EA	\$15,000.00	\$15,000.00	\$24,686.00	\$24,686.00	\$22,000.00	\$22,000.00
59	Manhole, Type SW-404, Modified	5 EA	\$3,500.00	\$17,500.00	\$4,412.00	\$22,060.00	\$14,500.00	\$72,500.00
60	Intake, Type SW-505	17 EA	\$8,500.00	\$144,500.00	\$5,178.00	\$88,026.00	\$8,300.00	\$141,100.00
61	Intake, Type SW-506	5 EA	\$6,500.00	\$32,500.00	\$8,052.00	\$40,260.00	\$9,250.00	\$46,250.00
62	Intake, Type SW-541 w/ SW-542 Extension	1 EA	\$15,000.00	\$15,000.00	\$5,352.00	\$5,352.00	\$11,500.00	\$11,500.00
63	Connection to Existing Structure	1 EA	\$3,000.00	\$3,000.00	\$3,350.00	\$3,350.00	\$9,000.00	\$9,000.00
64	Remove Sewer Structure	20 EA	\$1,000.00	\$20,000.00	\$1,175.00	\$23,500.00	\$1,500.00	\$30,000.00
65	Backflow Preventer, Flap Gate	1 EA	\$5,000.00	\$5,000.00	\$6,228.00	\$6,228.00	\$7,000.00	\$7,000.00
66	Pavement, PCC, 6"	1474 SY	\$85.00	\$95,810.00	\$66.00	\$97,284.00	\$80.00	\$117,920.00
67	Pavement, PCC, 6", Continuously Reinforced	4256 SY	\$85.00	\$361,930.00	\$63.00	\$268,254.00	\$95.00	\$404,510.00
68	Curb and Gutter, 2.0', 6"	678 LF	\$40.00	\$27,120.00	\$35.00	\$23,730.00	\$50.00	\$33,900.00
69	PCC Pavement Samples and Testing	1 LS	\$5,000.00	\$5,000.00	\$11,000.00	\$11,000.00	\$3,000.00	\$3,000.00
70	Pavement, HMA ST Surface, 1/2" Mix, No Fric., PG 58-28 H	200 TON	\$110.00	\$22,000.00	\$206.00	\$41,200.00	\$220.00	\$44,000.00
71	HMA Pavement Samples and Testing	1 LS	\$3,000.00	\$3,000.00	\$1,550.00	\$1,550.00	\$1,500.00	\$1,500.00
72	Removal of Sidewalk	1306 SY	\$15.00	\$19,620.00	\$4.25	\$5,559.00	\$16.00	\$20,928.00
73	Removal of Driveway	1423 SY	\$15.00	\$21,345.00	\$5.50	\$7,826.50	\$16.00	\$22,768.00
74	Sidewalk, PCC, 4"	1306 SY	\$60.00	\$78,360.00	\$54.00	\$70,524.00	\$72.00	\$94,032.00
75	Sidewalk, PCC, 6"	186 SY	\$75.00	\$13,950.00	\$64.00	\$11,904.00	\$80.00	\$14,880.00
76	Detectable Warning	286 SF	\$40.00	\$11,440.00	\$45.00	\$12,870.00	\$55.00	\$15,730.00
77	Driveway, Paved, PCC, 6"	970 SY	\$65.00	\$63,050.00	\$66.00	\$64,020.00	\$81.00	\$78,570.00
78	Full Depth Patch, HMA	89 SY	\$100.00	\$8,900.00	\$103.00	\$9,167.00	\$120.00	\$10,680.00
79	Full Depth Patch, PCC	85 SY	\$120.00	\$10,200.00	\$120.00	\$10,200.00	\$175.00	\$14,875.00
80	Pavement Removal	6901 SY	\$15.00	\$103,515.00	\$8.60	\$59,348.60	\$17.50	\$120,767.50
81	Temporary Granular Surfacing	2000 TON	\$30.00	\$60,000.00	\$39.00	\$78,000.00	\$45.00	\$90,000.00
82	Temporary Pavement	3024 SY	\$45.00	\$136,080.00	\$35.00	\$105,840.00	\$42.00	\$127,008.00
83	Temporary Sidewalk	937 SY	\$45.00	\$42,165.00	\$47.00	\$44,039.00	\$35.00	\$32,795.00
84	Temporary Pavement Removal	3024 SY	\$10.00	\$30,240.00	\$5.00	\$15,120.00	\$9.00	\$27,216.00
85	Temporary Sidewalk Removal	937 SY	\$10.00	\$9,370.00	\$5.00	\$4,685.00	\$9.00	\$8,433.00
86	Temporary Traffic Control	1 LS	\$55,000.00	\$55,000.00	\$33,270.00	\$33,270.00	\$70,000.00	\$70,000.00
87	Sod	300 SQ	\$100.00	\$30,000.00	\$70.00	\$21,000.00	\$80.00	\$24,000.00
88	Stormwater Pollution Prevention	1 LS	\$20,000.00	\$20,000.00	\$6,695.00	\$6,695.00	\$15,000.00	\$15,000.00
89	Erosion Control Mulching, Hydromulching	0.7 AC	\$3,000.00	\$2,100.00	\$3,090.00	\$2,163.00	\$4,000.00	\$2,800.00
90	Inlet Protection Device	48 EA	\$100.00	\$4,800.00	\$180.00	\$8,640.00	\$160.00	\$7,680.00
91	Inlet Protection Device, Maintenance	48 EA	\$50.00	\$2,400.00	\$52.00	\$2,496.00	\$25.00	\$1,200.00
92	Linear Erosion Control	4239 LF	\$3.00	\$12,717.00	\$1.60	\$6,782.40	\$1.50	\$6,358.50
93	Linear Erosion Control, Removal	4239 LF	\$0.50	\$2,119.50	\$0.25	\$1,059.75	\$0.10	\$423.90
94	Tree Protection Fence	1000 LF	\$4.00	\$4,000.00	\$3.65	\$3,650.00	\$3.00	\$3,000.00
95	Tree Trimming	9 EA	\$750.00	\$6,750.00	\$360.00	\$3,240.00	\$750.00	\$6,750.00
96	Removal and Reinstallation of Existing Fence, Chain Link	197 LF	\$50.00	\$9,850.00	\$36.00	\$7,092.00	\$50.00	\$9,850.00
97	Removal and Reinstallation of Existing Fence, Wood	10 LF	\$50.00	\$500.00	\$52.00	\$520.00	\$50.00	\$500.00
98	Modular Block Retaining Wall	330 SF	\$50.00	\$16,500.00	\$58.00	\$19,140.00	\$48.00	\$15,840.00
99	Mobilization	1 LS	\$764,364.50	\$764,364.50	\$750,000.00	\$750,000.00	\$678,386.00	\$678,386.00
100	Maintenance of Postal Service	1 LS	\$7,500.00	\$7,500.00	\$15,000.00	\$15,000.00	\$12,500.00	\$12,500.00
101	Maintenance of Solid Waste Collection	1 LS	\$7,500.00	\$7,500.00	\$13,000.00	\$13,000.00	\$12,500.00	\$12,500.00
102	Concrete Washout	1 LS	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00
TOTAL CONSTRUCTION COST				\$5,900,000.00		\$5,948,907.50		\$6,582,079.90
PERCENT OF ENGINEER'S ESTIMATE						+0.83%		+11.56%
						Low		

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