

DATE November 5, 2018

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON GRAY'S STATION REGIONAL DETENTION BASIN; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS S. M. HENTGES & SONS INC., STEVEN M. HENTGES, PRESIDENT, \$3,142,975.60

WHEREAS, on October 8, 2018, under Roll Call No. 18-1649, 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:

Gray's Station Regional Detention Basin, 08-2018-006

The improvement includes storm sewer pipe removal, Class 10 Excavation, Embankment-In-Place, storm sewer, manholes, Portland Cement Concrete (PCC) pavement, rip rap, turf reinforcement, wetland plugs, seeding and fence; and other associated and incidental items; all in accordance with the contract documents, including Plan File Nos. 582-201/245, and 597-237/257, located along the north side of the Raccoon River west of S.W. 11th Street, 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 |
| Veit & Company Inc. | Rogers, MN |
| On Track Construction | Bid read under advisement – Attachments 4 & 5 missing
Nevada, IA |
| C. J. Moyna & Sons, Inc. | Elkader, 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 October 23, 2018. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.

DATE November 5, 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 S. M. Hentges & Sons Inc., Steven M. Hentges, President, 650 Quaker Avenue, Suite 200, Jordan, MN, 55352 in the amount of \$3,142,975.60, 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.

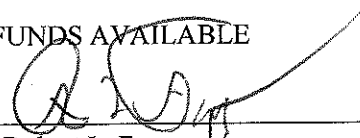
(City Council Communication Number 18-539 attached.)

Moved by _____ to adopt.

FORM APPROVED:


 Kathleen Vanderpool
 Deputy City Attorney

FUNDS AVAILABLE


 Robert L. Fagen
 Des Moines Finance Director

SLN

Funding Source: 2018-2019 CIP, Page Storm - 8, Gray's Station Detention Basins, SM135, Being: \$500,000 State Revolving Loan Sponsored Project Funds, CWSRF No. CS192; \$5,000 Prairie Meadows Community Betterment Grant; and the remaining \$2,637,975.60 Storm Water Utility funds

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: T. BRADY APPROVED BY: R. De Groot
CHECKED BY: _____

CONTRACTOR'S BID TABULATION
PROJECT: GRAY'S STATION REGIONAL DETENTION BASIN

-----ESTIMATE-----

		S. M. Hentges & Sons Inc. Jordan, MN		Veit Specialty Contracting & Waste Management Rogers, MN		On Track Construction Nevada, IA		C.J. Moyna & Sons Elkader, IA		
		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	UNIT	PRICE	UNIT	PRICE	UNIT	PRICE	
		QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	
1	CLEARING AND GRUBBING BOTH SITES	1 LS	\$35,000.00	\$35,000.00	\$37,900.00	\$37,900.00	\$60,500.00	\$60,500.00	\$30,000.00	\$30,000.00
2	REMOVAL OF RAILROAD TRACKS AND ROCK BALLAST	2021 CY	\$20.00	\$40,420.00	\$19.00	\$38,399.00	\$82.00	\$165,722.00	\$15.00	\$30,315.00
3	TOPSOIL, ON - SITE BOTH SITES	27255 CY	\$7.50	\$204,412.50	\$3.50	\$95,392.50	\$7.80	\$212,589.00	\$6.60	\$179,853.00
4	EXCAVATION, CLASS 10	157240 CY	\$4.00	\$628,960.00	\$6.60	\$1,037,784.00	\$4.05	\$636,822.00	\$5.20	\$817,648.00
5	SUBGRADE PREPARATION, 12 IN. DEPTH	1233 SY	\$5.00	\$6,165.00	\$3.00	\$3,699.00	\$2.00	\$2,466.00	\$4.00	\$4,932.00
6	STORM SEWER, TRENCHED, RCP, 15 IN.	50 LF	\$60.00	\$3,000.00	\$60.00	\$3,000.00	\$107.00	\$5,350.00	\$111.00	\$5,550.00
7	STORM SEWER, TRENCHED, RCP, 24 IN.	220 LF	\$78.00	\$17,160.00	\$84.00	\$18,480.00	\$91.50	\$20,130.00	\$112.00	\$24,640.00
8	STORM SEWER, TRENCHED, RCP, 36 IN.	251 LF	\$120.00	\$30,120.00	\$120.00	\$30,120.00	\$133.00	\$33,383.00	\$160.00	\$40,160.00
9	STORM SEWER, TRENCHED, RCP, 42 IN.	408 LF	\$150.00	\$61,200.00	\$153.00	\$62,424.00	\$164.00	\$66,912.00	\$180.00	\$73,440.00
10	STORM SEWER, TRENCHED, RCP, 48 IN.	910 LF	\$175.00	\$159,250.00	\$170.00	\$154,700.00	\$177.00	\$161,070.00	\$195.00	\$177,450.00
11	STORM SEWER, TRENCHED, RCP, 60 IN.	26 LF	\$265.00	\$6,890.00	\$272.00	\$7,072.00	\$377.00	\$9,802.00	\$356.00	\$9,256.00
12	STORM SEWER, TRENCHLESS, RCP, 36 IN.	50 LF	\$450.00	\$22,500.00	\$810.00	\$40,500.00	\$1,170.00	\$58,500.00	\$1,850.00	\$92,500.00
13	REMOVAL OF STORM SEWER, HDPE, 8" DIA	6 LF	\$20.00	\$160.00	\$18.00	\$144.00	\$55.00	\$440.00	\$30.00	\$240.00
14	REMOVAL OF STORM SEWER, RCP, 24" DIA	112 LF	\$25.00	\$2,800.00	\$19.00	\$2,128.00	\$27.00	\$3,024.00	\$30.00	\$3,360.00
15	REMOVAL OF STORM SEWER, RCP, 36" DIA	206 LF	\$35.00	\$7,210.00	\$22.00	\$4,532.00	\$26.00	\$5,356.00	\$40.00	\$8,240.00
16	REMOVAL OF STORM SEWER, RCP, 60" DIA	45 LF	\$45.00	\$2,025.00	\$35.00	\$1,575.00	\$64.00	\$2,880.00	\$50.00	\$2,250.00
17	REMOVAL OF STORM SEWER, RCP, 72" DIA	115 LF	\$85.00	\$9,775.00	\$44.00	\$5,060.00	\$54.00	\$6,210.00	\$85.00	\$9,775.00
18	STORM SEWER ABANDONMENT, FILL AND PLUG	57 LF	\$450.00	\$25,650.00	\$98.00	\$5,586.00	\$317.00	\$18,069.00	\$350.00	\$19,950.00
19	PIPE APRON, RCP, 15" DIA INCLUDES FOOTING & GUARD	1 EACH	\$3,500.00	\$3,500.00	\$2,800.00	\$2,800.00	\$2,300.00	\$2,300.00	\$2,500.00	\$2,500.00
20	PIPE APRON, RCP, 24" DIA INCLUDES FOOTING & GUARD	4 EACH	\$3,250.00	\$13,000.00	\$3,800.00	\$15,200.00	\$3,100.00	\$12,400.00	\$2,550.00	\$10,200.00
21	PIPE APRON, RCP, 36" DIA INCLUDES FOOTING & GUARD	5 EACH	\$4,200.00	\$21,000.00	\$5,200.00	\$26,000.00	\$4,700.00	\$23,500.00	\$4,100.00	\$20,500.00
22	PIPE APRON, RCP, 42" DIA INCLUDES FOOTING & GUARD	6 EACH	\$5,000.00	\$30,000.00	\$5,800.00	\$34,800.00	\$5,200.00	\$31,200.00	\$4,650.00	\$27,900.00
23	PIPE APRON, RCP, 48" DIA INCLUDES FOOTING & GUARD	4 EACH	\$5,800.00	\$23,200.00	\$5,600.00	\$22,400.00	\$5,800.00	\$23,200.00	\$5,750.00	\$23,000.00
24	PIPE APRON, RCP, 60" DIA INCLUDES FOOTING & GUARD	1 EACH	\$7,250.00	\$7,250.00	\$8,100.00	\$8,100.00	\$7,500.00	\$7,500.00	\$7.00	\$7.00
25	MANHOLE, SW-401, 60 IN.	1 EACH	\$8,000.00	\$8,000.00	\$4,000.00	\$4,000.00	\$5,200.00	\$5,200.00	\$7,300.00	\$7,300.00
26	MANHOLE, SW-401, 84 IN.	4 EACH	\$10,000.00	\$40,000.00	\$7,700.00	\$30,800.00	\$9,400.00	\$37,600.00	\$9,000.00	\$36,000.00
27	MANHOLE, SW-401, 96 IN.	1 EACH	\$12,000.00	\$12,000.00	\$12,200.00	\$12,200.00	\$14,400.00	\$14,400.00	\$14,655.00	\$14,655.00
28	INTAKE, SW-513, OPEN-SIDED AREA INTAKE	3 EACH	\$6,000.00	\$18,000.00	\$5,640.00	\$16,920.00	\$8,600.00	\$25,800.00	\$14,000.00	\$42,000.00
29	MANHOLE ADJUSTMENT, MAJOR (SANITARY MANHOLE)	3 EACH	\$1,500.00	\$4,500.00	\$1,400.00	\$4,200.00	\$513.00	\$1,539.00	\$3,575.00	\$10,725.00
30	REMOVE INTAKE	1 EACH	\$1,500.00	\$1,500.00	\$1,300.00	\$1,300.00	\$1,100.00	\$1,100.00	\$1,150.00	\$1,150.00
31	PAVEMENT, PCC, 6 IN.	83 SY	\$70.00	\$5,810.00	\$67.00	\$5,561.00	\$190.00	\$15,770.00	\$110.00	\$9,130.00
32	REMOVAL OF DRIVEWAY	991 SY	\$8.00	\$7,928.00	\$3.25	\$3,220.75	\$1.00	\$991.00	\$12.00	\$11,892.00
33	DRIVEWAY, GRANULAR, CLASS "A" CRUSHED STONE, 6 IN.	333 TON	\$65.00	\$21,645.00	\$23.00	\$7,659.00	\$37.00	\$12,321.00	\$35.00	\$11,655.00
34	PAVEMENT REMOVAL	979 SY	\$10.00	\$9,790.00	\$6.00	\$5,874.00	\$6.00	\$5,874.00	\$15.00	\$14,685.00
35	CONVENTIONAL SEEDING, SEEDING, FERTILIZING, AND MULCHING, TYPE 5	15.5 ACRE	\$3,000.00	\$46,500.00	\$1,200.00	\$18,600.00	\$1,900.00	\$29,450.00	\$1,200.00	\$18,600.00
36	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING, TYPE 2	15.5 ACRE	\$3,000.00	\$46,500.00	\$2,400.00	\$37,200.00	\$3,900.00	\$60,450.00	\$2,400.00	\$37,200.00
37	WETLAND PLANTINGS, WET PRAIRIE SEED MIX	2.4 ACRE	\$8,000.00	\$19,200.00	\$2,500.00	\$6,000.00	\$2,700.00	\$6,480.00	\$2,475.00	\$5,940.00
38	WETLAND PLANTINGS, WET EDGE SEED MIX	9.1 ACRE	\$8,000.00	\$72,800.00	\$1,990.00	\$18,109.00	\$1,600.00	\$14,560.00	\$1,950.00	\$17,745.00
39	WETLAND PLANTINGS, EMERGENT WETLAND PLUG	164500 EACH	\$3.00	\$493,500.00	\$3.15	\$518,175.00	\$3.00	\$493,500.00	\$3.10	\$509,950.00
40	SWPPP MANAGEMENT BOTH DIVISIONS	1 LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,500.00	\$5,500.00	\$45,450.00	\$45,450.00
41	RIP RAP, CLASS "D"	210 TON	\$65.00	\$13,650.00	\$95.00	\$19,950.00	\$89.00	\$18,690.00	\$77.00	\$16,170.00
42	SEDIMENT BASIN, REMOVAL OF SEDIMENT	1 EACH	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00	\$16,000.00	\$16,000.00	\$21,500.00	\$21,500.00
43	SILT FENCE OR SILT FENCE DITCH CHECK BOTH SITES	12327 LF	\$2.50	\$30,817.50	\$1.75	\$21,572.25	\$2.00	\$24,654.00	\$2.00	\$24,654.00
44	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE BOTH SITES	12327 LF	\$0.50	\$6,163.50	\$0.25	\$3,081.75	\$1.00	\$12,327.00	\$1.00	\$12,327.00
45	EROSION CONTROL MULCHING, CONVENTIONAL	14.25 ACRE	\$1,000.00	\$14,250.00	\$925.00	\$13,181.25	\$1,000.00	\$14,250.00	\$500.00	\$7,125.00
46	TURF REINFORCEMENT MAT, TYPE 2	101 SQ	\$40.00	\$4,040.00	\$51.00	\$5,151.00	\$42.00	\$4,242.00	\$50.00	\$5,050.00
47	TURF REINFORCEMENT MAT, TYPE 3	13 SQ	\$80.00	\$1,040.00	\$102.00	\$1,326.00	\$83.00	\$1,079.00	\$100.00	\$1,300.00
48	FLOW TRANSITION MAT	792 SF	\$25.00	\$19,800.00	\$14.30	\$11,325.60	\$22.00	\$17,424.00	\$14.00	\$11,088.00
49	ARTICULATED CONCRETE BLOCK HARD ARMOR MATTING	15113 SF	\$20.00	\$302,260.00	\$12.50	\$188,912.50	\$15.00	\$226,695.00	\$19.00	\$438,277.00
50	CHAIN LINK FENCE, BLACK PVC COATED, 8 FT. TALL	503 LF	\$40.00	\$20,120.00	\$29.00	\$14,587.00	\$37.00	\$18,611.00	\$34.00	\$17,102.00
51	GATES, BLACK PVC COATED, 8 FT. TALL, 26 FT. WIDE	1 EACH	\$1,000.00	\$1,000.00	\$1,425.00	\$1,425.00	\$2,800.00	\$2,800.00	\$1,515.00	\$1,515.00

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ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
52	REMOVAL OF FENCE	4482 LF	\$5.00	\$22,410.00	\$4.50	\$20,169.00	\$0.50	\$2,241.00	\$3.00	\$13,446.00	\$3.00	\$13,446.00
53	CONSTRUCTION SURVEY BOTH DIVISIONS	1 LS	\$10,000.00	\$10,000.00	\$50,000.00	\$50,000.00	\$6,000.00	\$6,000.00	\$18,180.00	\$18,180.00	\$46,000.00	\$46,000.00
54	MONUMENT PRESERVATION OR REPLACEMENT	1 LS	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00	\$2,800.00	\$2,800.00	\$5,050.00	\$5,050.00	\$1,500.00	\$1,500.00
55	MOBILIZATION BOTH DIVISIONS	1 LS	\$113,568.50	\$113,568.50	\$142,000.00	\$142,000.00	\$345,000.00	\$345,000.00	\$212,368.00	\$212,368.00	\$480,000.00	\$480,000.00
56	CONCRETE WASHOUT	1 LS	\$3,000.00	\$3,000.00	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00	\$2,525.00	\$2,525.00	\$4,500.00	\$4,500.00
57	EMBANKMENT-IN-PLACE	40900 CY	\$4.00	\$163,600.00	\$2.20	\$89,980.00	\$2.10	\$85,890.00	\$4.00	\$163,600.00	\$3.80	\$155,420.00
58	GATEWELL #151 ABANDONMENT	1 LS	\$31,000.00	\$31,000.00	\$32,200.00	\$32,200.00	\$38,200.00	\$38,200.00	\$38,500.00	\$38,500.00	\$31,000.00	\$31,000.00
59	GATEWELL #153 ABANDONMENT	1 LS	\$29,000.00	\$29,000.00	\$28,200.00	\$28,200.00	\$29,800.00	\$29,800.00	\$38,500.00	\$38,500.00	\$24,500.00	\$24,500.00
60	GATEWELL #157 ABANDONMENT	1 LS	\$22,000.00	\$22,000.00	\$22,500.00	\$22,500.00	\$19,600.00	\$19,600.00	\$38,500.00	\$38,500.00	\$18,500.00	\$18,500.00
61	WELL PLUGGING AND ABANDONMENT, INCLUDES 2 TEST AND MONITOR WELLS	1 LS	\$5,700.00	\$5,700.00	\$6,500.00	\$6,500.00	\$5,600.00	\$5,600.00	\$6,800.00	\$6,800.00	\$6,500.00	\$6,500.00
62	SEEDING, LEVEE MIX	5.5 ACRE	\$5,000.00	\$27,500.00	\$2,900.00	\$15,950.00	\$3,100.00	\$17,050.00	\$3,400.00	\$18,700.00	\$1,200.00	\$6,600.00
63	RIP RAP, CLASS "D"	1350 TON	\$65.00	\$87,750.00	\$75.00	\$101,250.00	\$78.00	\$105,300.00	\$78.00	\$105,300.00	\$65.90	\$88,965.00
TOTAL CONSTRUCTION COST				\$3,100,000.00		\$3,142,975.60		\$3,293,513.00		\$3,655,850.00		\$3,709,155.70
PERCENT OF ENGINEER'S ESTIMATE						+1.39%		+6.24%		+17.93%		+19.65%
						Low						
								Bid read under advisement - Attachments 4 and 5 missing				