



Roll Call Number

Agenda Item Number

61

DATE June 14, 2021

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON WESTERN INGERSOLL RUN SEWER SEPARATION PHASE 2 RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS SYNERGY CONTRACTING, LLC, JESSE ROGNES, PRESIDENT, \$6,681,063.00

WHEREAS, on April 19, 2021, under Roll Call No. 21-0600, 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:

Western Ingersoll Run Sewer Separation Phase 2, 072019007

The improvements include storm sewer pipe 15-inch to 36-inch, storm sewer manholes, storm sewer intakes, sanitary sewer spot repairs, sanitary service adjustments, water main alterations, water services, Hot-Mix-Asphalt (HMA) pavement, Portland Cement Concrete (PCC) curb and gutter, PCC sidewalks, PCC driveways, earthwork, cement stabilization, erosion control, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 623-001/162, located on 43rd Street from California Drive to Kingman Boulevard, 44th Street from Kingman Boulevard to University Avenue, 41st Street from 42nd Street to Crocker Street, Kingman Boulevard from 44th Street to 43rd Street and 35th Street to 33rd Street, Crocker Street from 41st Street to 40th Street, Rollins Avenue from 41st Street to 40th Place, 33rd Street from Crocker Street to Cottage Grove Avenue, and School Street from 35th Street to 33rd 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.

WHEREAS, in accordance with said notice, those interested in said proposed plans, specifications, form of contract documents, and Engineer's estimate of construction cost both for and against, have been given opportunity to be heard with respect thereto and have presented their views to the City Council.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the upon due consideration of the facts, and any and all statements of interested persons, any objections to the plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement are overruled and the hearing is closed and that said plans, specifications, form of contract documents, and Engineer's estimate of construction cost are here by approved.

BE IT FURTHER RESOLVED: That sealed bids for said improvement were submitted by the following bidders:

- Synergy Contracting, LLC, Altoona, IA Low Bid
- Jasper Construction Services, Inc., Newton, IA
- Progressive Structures, LLC, Elkader, IA
- S. M. Hentges & Sons Inc., Jordan, MN
- Raccoon Valley Contractors, LLC., Waukee, IA



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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 May 11, 2021. 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 Synergy Contracting, LLC, Jesse Rognes, President, 108 5th Avenue SW, Altoona, IA, 50009 in the amount of \$6,681,063.00, 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.

(Council Communication No. 21-267)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE

s/Kathleen Vanderpool

s/Nickolas J. Schaul

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance

SLN
PW

Funding Source: 2021-2022 CIP, Page 94, Western Ingersoll Run Sewer Separation, SS139, Being: \$6,384,641 in SRF funding issued and the remaining \$296,422 from Des Moines Water Works



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

I, P. Kay Cmelik, 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

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TABULATED BY: L. Vaughan APPROVED BY: P. Wagon

CHECKED BY: [Signature]

CONTRACTOR'S BID TABULATION
PROJECT: WESTERN INGERSOLL RUN SEWER SEPARATION PHASE 2

-----ESTIMATE-----

ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
1	CLEARING AND GRUBBING	100.0 UNIT	\$120.00	\$12,000.00
2	TOPSOIL, OFF SITE	390 CY	\$35.00	\$13,650.00
3	EXCAVATION, CLASS 10	2,620 CY	\$30.00	\$78,600.00
4	SUBGRADE PREPARATION, 6 IN. DEPTH	2,760 SY	\$6.00	\$16,560.00
5	SUBGRADE STABILIZATION, CEMENT	770 SY	\$150.00	\$115,500.00
6	SUBGRADE TREATMENT, GEOGRID, TYPE 2 OR 3	1,000 SY	\$5.00	\$5,000.00
7	SUBBASE, MODIFIED	13,793 SY	\$20.00	\$275,860.00
8	REPLACEMENT OF UNSUITABLE MATERIAL	12,000 TON	\$30.00	\$360,000.00
9	SANITARY SEWER, GRAVITY MAIN, TRENCHED, PVC, 10"	20 LF	\$150.00	\$3,000.00
10	SANITARY SEWER, GRAVITY MAIN, TRENCHED, PVC, 18"	374 LF	\$175.00	\$65,450.00
11	REPAIR SANITARY SEWER	5 EA	\$4,000.00	\$20,000.00
12	SANITARY SEWER SERVICE RELOCATION	20 EA	\$2,500.00	\$50,000.00
13	REMOVAL OF SANITARY SEWER, 10"-18"	394 LF	\$45.00	\$17,730.00
14	STORM SEWER, TRENCHED, DI, 14"	152 LF	\$225.00	\$34,200.00
15	STORM SEWER, TRENCHED, 15"	258 LF	\$120.00	\$30,960.00
16	STORM SEWER, TRENCHED, GASKETED, 15"	830 LF	\$125.00	\$103,750.00
17	STORM SEWER, TRENCHED, RCP, 15"	84 LF	\$130.00	\$10,920.00
18	STORM SEWER, TRENCHED, 18"	1,691 LF	\$130.00	\$219,830.00
19	STORM SEWER, TRENCHED, GASKETED, 18"	144 LF	\$135.00	\$19,440.00
20	STORM SEWER, TRENCHED, 24"	344 LF	\$160.00	\$55,040.00
21	STORM SEWER, TRENCHED, GASKETED, 24"	67 LF	\$165.00	\$11,055.00
22	STORM SEWER, TRENCHED, RCP, 24"	64 LF	\$160.00	\$10,240.00
23	STORM SEWER, TRENCHED, 30"	224 LF	\$170.00	\$38,080.00
24	STORM SEWER, TRENCHED, GASKETED, 30"	683 LF	\$175.00	\$119,525.00
25	STORM SEWER, TRENCHED, GASKETED RCP, 30"	54 LF	\$185.00	\$9,990.00
26	STORM SEWER, TRENCHED, RCP, 30"	287 LF	\$175.00	\$50,225.00
27	STORM SEWER, TRENCHED, GASKETED RCP, 30"	98 LF	\$185.00	\$18,130.00
28	STORM SEWER, TRENCHED, 36"	1,090 LF	\$180.00	\$196,200.00
29	STORM SEWER, TRENCHED, GASKETED, 36"	42 LF	\$185.00	\$7,770.00
30	STORM SEWER, TRENCHED, RCP, CL5, 36"	39 LF	\$190.00	\$7,410.00
31	STORM SEWER, TRENCHED, GASKETED RCP, 36"	98 LF	\$195.00	\$19,110.00
32	STORM SEWER, TRENCHLESS, RCP, JACKING PIPE, 15"	50 LF	\$700.00	\$35,000.00
33	STORM SEWER, TRENCHLESS, RCP, JACKING PIPE, 18"	397 LF	\$800.00	\$317,600.00
34	STORM SEWER, TRENCHLESS, RCP, JACKING PIPE, 24"	436 LF	\$850.00	\$370,600.00
35	STORM SEWER, TRENCHLESS, RCP, JACKING PIPE, 30"	427 LF	\$950.00	\$405,650.00
36	STORM SEWER, TRENCHLESS, RCP, JACKING PIPE, 36"	200 LF	\$1,100.00	\$220,000.00
37	REMOVAL OF STORM SEWER, VCP OR RCP, 6" TO 15"	525 LF	\$30.00	\$15,750.00
38	STORM SEWER ABANDONMENT, FILLED PLUG	22 EA	\$55.00	\$1,210.00
39	WATER SERVICE REPLACEMENT, LESS THAN OR EQUAL TO 2"	25 EA	\$5,000.00	\$125,000.00
40	WATER SERVICE TAP	26 EA	\$1,500.00	\$39,000.00
41	MANHOLE, SW 401, 48"	7 EA	\$4,600.00	\$32,200.00
42	MANHOLE, SW 401, 60"	1 EA	\$5,500.00	\$5,500.00
43	MANHOLE, SW 401, 84"	1 EA	\$9,500.00	\$9,500.00
44	MANHOLE, SW 406, 48"x 48"	1 EA	\$8,000.00	\$8,000.00
45	MANHOLE, SW 402, 66"x66"	1 EA	\$13,000.00	\$13,000.00
46	MANHOLE, SW 402, 66" x 48"	1 EA	\$10,000.00	\$10,000.00
47	MANHOLE, SW 402, 60" x 48"	1 EA	\$9,000.00	\$9,000.00
48	MANHOLE, SW 402, 48" x 48"	2 EA	\$8,000.00	\$16,000.00
49	MANHOLE, SW 402, 60" x 60"	1 EA	\$10,000.00	\$10,000.00

Synergy Contracting, LLC Altoona, IA		Jasper Construction Services, Inc. Newton, IA		Progressive Structures, LLC Elkader, IA	
BID SECURITY 10% Bid Bond		BID SECURITY 10% Bid Bond		BID SECURITY 10% Bid Bond	
BID PRICE		BID PRICE		BID PRICE	
UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
\$105.00	\$10,500.00	\$120.00	\$12,000.00	\$350.00	\$35,000.00
\$70.00	\$27,300.00	\$65.00	\$25,350.00	\$66.00	\$25,740.00
\$28.00	\$73,360.00	\$35.00	\$91,700.00	\$41.00	\$107,420.00
\$14.00	\$38,640.00	\$7.00	\$19,320.00	\$13.50	\$37,260.00
\$21.00	\$16,170.00	\$15.00	\$11,550.00	\$15.00	\$11,550.00
\$7.00	\$7,000.00	\$10.00	\$10,000.00	\$10.00	\$10,000.00
\$17.50	\$241,377.50	\$18.00	\$248,274.00	\$22.00	\$303,446.00
\$35.00	\$420,000.00	\$15.00	\$180,000.00	\$50.00	\$600,000.00
\$336.00	\$6,720.00	\$300.00	\$6,000.00	\$700.00	\$14,000.00
\$168.00	\$62,832.00	\$200.00	\$74,800.00	\$575.00	\$215,050.00
\$9,940.00	\$49,700.00	\$1,000.00	\$5,000.00	\$6,300.00	\$31,500.00
\$5,460.00	\$109,200.00	\$4,600.00	\$92,000.00	\$3,200.00	\$64,000.00
\$49.00	\$19,306.00	\$30.00	\$11,820.00	\$15.00	\$5,910.00
\$196.00	\$29,792.00	\$150.00	\$22,800.00	\$168.00	\$25,536.00
\$126.00	\$32,508.00	\$85.00	\$21,930.00	\$123.00	\$31,734.00
\$126.00	\$104,580.00	\$90.00	\$74,700.00	\$123.00	\$102,090.00
\$133.00	\$11,172.00	\$85.00	\$7,140.00	\$123.00	\$10,332.00
\$98.00	\$165,718.00	\$90.00	\$152,190.00	\$130.00	\$219,830.00
\$98.00	\$14,112.00	\$95.00	\$13,680.00	\$130.00	\$18,720.00
\$126.00	\$43,344.00	\$110.00	\$37,840.00	\$145.00	\$49,880.00
\$126.00	\$8,442.00	\$115.00	\$7,705.00	\$160.00	\$10,720.00
\$203.00	\$12,992.00	\$110.00	\$7,040.00	\$160.00	\$10,240.00
\$161.00	\$36,064.00	\$130.00	\$29,120.00	\$184.00	\$41,216.00
\$161.00	\$109,963.00	\$150.00	\$102,450.00	\$184.00	\$125,672.00
\$252.00	\$13,608.00	\$150.00	\$8,100.00	\$184.00	\$9,936.00
\$231.00	\$66,297.00	\$130.00	\$37,310.00	\$184.00	\$52,808.00
\$273.00	\$26,754.00	\$185.00	\$18,130.00	\$194.00	\$19,012.00
\$189.00	\$206,010.00	\$150.00	\$163,500.00	\$205.00	\$223,450.00
\$189.00	\$7,938.00	\$175.00	\$7,350.00	\$205.00	\$8,610.00
\$301.00	\$11,739.00	\$190.00	\$7,410.00	\$210.00	\$8,190.00
\$322.00	\$31,556.00	\$230.00	\$22,540.00	\$230.00	\$22,540.00
\$935.00	\$46,750.00	\$1,900.00	\$95,000.00	\$1,550.00	\$77,500.00
\$625.00	\$248,125.00	\$800.00	\$317,600.00	\$806.00	\$319,982.00
\$670.00	\$292,120.00	\$950.00	\$414,200.00	\$900.00	\$392,400.00
\$840.00	\$358,680.00	\$1,160.00	\$491,050.00	\$1,100.00	\$469,700.00
\$1,290.00	\$258,000.00	\$1,250.00	\$250,000.00	\$1,220.00	\$244,000.00
\$49.00	\$25,725.00	\$25.00	\$13,125.00	\$25.00	\$13,125.00
\$140.00	\$3,080.00	\$500.00	\$11,000.00	\$500.00	\$11,000.00
\$4,060.00	\$101,500.00	\$2,400.00	\$60,000.00	\$4,700.00	\$117,500.00
\$2,800.00	\$72,800.00	\$2,000.00	\$52,000.00	\$2,650.00	\$68,900.00
\$4,340.00	\$30,380.00	\$5,500.00	\$38,500.00	\$5,000.00	\$35,000.00
\$6,860.00	\$116,620.00	\$8,150.00	\$138,550.00	\$5,900.00	\$100,300.00
\$11,200.00	\$11,200.00	\$13,300.00	\$13,300.00	\$11,500.00	\$11,500.00
\$16,310.00	\$16,310.00	\$10,500.00	\$10,500.00	\$9,800.00	\$9,800.00
\$17,710.00	\$17,710.00	\$14,000.00	\$14,000.00	\$11,600.00	\$11,600.00
\$16,310.00	\$16,310.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00
\$16,310.00	\$16,310.00	\$11,500.00	\$11,500.00	\$12,000.00	\$12,000.00
\$15,680.00	\$31,360.00	\$10,500.00	\$21,000.00	\$10,800.00	\$21,600.00
\$17,710.00	\$17,710.00	\$12,750.00	\$12,750.00	\$11,500.00	\$11,500.00

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ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
50	INTAKE, SW 501	43 EA	\$6,000.00	\$258,000.00	\$7,770.00	\$334,110.00	\$8,000.00	\$344,000.00	\$6,500.00	\$279,500.00
51	INTAKE, SW 502, 48"	4 EA	\$7,000.00	\$28,000.00	\$4,060.00	\$16,240.00	\$7,500.00	\$30,000.00	\$6,800.00	\$27,200.00
52	INTAKE, SW 502, 72"	2 EA	\$8,000.00	\$16,000.00	\$8,120.00	\$16,240.00	\$12,000.00	\$24,000.00	\$11,750.00	\$23,500.00
53	INTAKE, SW 505	7 EA	\$8,000.00	\$56,000.00	\$10,570.00	\$73,990.00	\$10,000.00	\$70,000.00	\$7,100.00	\$49,700.00
54	MANHOLE ADJUSTMENT, MINOR	19 EA	\$2,000.00	\$38,000.00	\$2,800.00	\$53,200.00	\$3,000.00	\$57,000.00	\$2,100.00	\$39,900.00
55	PCC MANHOLE BOXOUT	60 EA	\$4,000.00	\$240,000.00	\$3,500.00	\$210,000.00	\$1,200.00	\$72,000.00	\$2,100.00	\$126,000.00
56	CONNECTION TO EXISTING INTAKE/MANHOLE	5 EA	\$3,000.00	\$15,000.00	\$2,800.00	\$14,000.00	\$3,800.00	\$19,000.00	\$3,100.00	\$15,500.00
57	REMOVE MANHOLE	2 EA	\$1,000.00	\$2,000.00	\$700.00	\$1,400.00	\$850.00	\$1,700.00	\$1,000.00	\$2,000.00
58	REMOVE INTAKE	20 EA	\$1,000.00	\$20,000.00	\$700.00	\$14,000.00	\$850.00	\$17,000.00	\$1,000.00	\$20,000.00
59	PAVEMENT, PCC, 6"	105 SY	\$130.00	\$13,650.00	\$112.00	\$11,760.00	\$110.00	\$11,550.00	\$220.00	\$23,100.00
60	CURB AND GUTTER, PCC, 6", 2'-6" WIDE	7,130 LF	\$40.00	\$285,200.00	\$35.00	\$249,550.00	\$32.50	\$231,725.00	\$50.00	\$356,500.00
61	PAVEMENT, HMA ST, BASE COURSE	2,630 TON	\$100.00	\$263,000.00	\$85.00	\$223,550.00	\$88.00	\$231,440.00	\$88.00	\$231,440.00
62	PAVEMENT, HMA ST, SURFACE COURSE	1,970 TON	\$110.00	\$216,700.00	\$86.00	\$169,420.00	\$88.00	\$173,360.00	\$95.00	\$187,150.00
63	REMOVAL OF SIDEWALK	1,673 SY	\$13.00	\$21,749.00	\$21.00	\$35,133.00	\$20.00	\$33,460.00	\$22.00	\$36,806.00
64	REMOVAL OF DRIVEWAY	610 SY	\$15.00	\$9,150.00	\$21.00	\$12,810.00	\$20.00	\$12,200.00	\$31.50	\$19,215.00
65	SIDEWALK, PCC, 4" THICK	1,133 SY	\$55.00	\$62,315.00	\$70.00	\$79,310.00	\$68.00	\$77,044.00	\$55.00	\$62,315.00
66	SIDEWALK, PCC, 5" THICK	125 SY	\$65.00	\$8,125.00	\$77.00	\$9,625.00	\$75.00	\$9,375.00	\$76.00	\$9,500.00
67	SIDEWALK, PCC, 6" THICK	407 SY	\$75.00	\$30,525.00	\$84.00	\$34,188.00	\$85.00	\$34,595.00	\$100.00	\$40,700.00
68	DETECTABLE WARNING	596 SF	\$45.00	\$26,820.00	\$70.00	\$41,720.00	\$50.00	\$29,800.00	\$63.00	\$37,548.00
69	DRIVEWAY, PCC, 6" THICK	610 SY	\$55.00	\$33,550.00	\$91.00	\$55,510.00	\$85.00	\$51,850.00	\$75.00	\$45,750.00
70	DRIVEWAY, GRANULAR	20 TON	\$50.00	\$1,000.00	\$35.00	\$700.00	\$65.00	\$1,300.00	\$100.00	\$2,000.00
71	PAVEMENT SCARIFICATION	5,682 SY	\$15.00	\$85,230.00	\$4.00	\$22,728.00	\$6.00	\$34,092.00	\$5.00	\$28,410.00
72	PAVEMENT REMOVAL	13,374 SY	\$15.00	\$200,610.00	\$28.00	\$374,472.00	\$20.00	\$267,480.00	\$20.00	\$267,480.00
73	REMOVE AND REINSTALL NEW SIGN	29 EA	\$700.00	\$20,300.00	\$630.00	\$18,270.00	\$400.00	\$11,600.00	\$1,450.00	\$42,050.00
74	TRAFFIC CONTROL	1 LS	\$50,000.00	\$50,000.00	\$56,000.00	\$56,000.00	\$75,000.00	\$75,000.00	\$65,000.00	\$65,000.00
75	TRAFFIC SIGNAL PROTECTION	1 LS	\$25,000.00	\$25,000.00	\$68,250.00	\$68,250.00	\$75,000.00	\$75,000.00	\$48,750.00	\$48,750.00
76	HYDRAULIC SEEDING, FERTILIZING, AND MULCHING	1 AC	\$5,000.00	\$5,000.00	\$6,300.00	\$6,300.00	\$5,500.00	\$5,500.00	\$4,500.00	\$4,500.00
77	STORMWATER POLLUTION PREVENTION	1 LS	\$10,000.00	\$10,000.00	\$14,000.00	\$14,000.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00
78	FILTER SOCK, 9" DIA	2,147 LF	\$3.00	\$6,441.00	\$2.80	\$6,011.60	\$2.50	\$5,367.50	\$2.50	\$5,367.50
79	FILTER SOCK REMOVAL	2,147 LF	\$2.00	\$4,294.00	\$0.70	\$1,502.90	\$0.50	\$1,073.50	\$0.50	\$1,073.50
80	INLET PROTECTION DEVICE	64 EA	\$150.00	\$9,600.00	\$245.00	\$15,680.00	\$50.00	\$3,200.00	\$175.00	\$11,200.00
81	CHAIN LINK FENCE, 48", SALVAGE, REPLACE	40 LF	\$30.00	\$1,200.00	\$56.00	\$2,240.00	\$92.00	\$3,680.00	\$40.00	\$1,600.00
82	LIMESTONE RETAINING WALL, SALVAGE, RESTACK	100 SF	\$45.00	\$4,500.00	\$63.00	\$6,300.00	\$80.00	\$8,000.00	\$45.00	\$4,500.00
83	CONSTRUCTION STAKING	1 LS	\$50,000.00	\$50,000.00	\$82,600.00	\$82,600.00	\$100,000.00	\$100,000.00	\$71,000.00	\$71,000.00
84	MOBILIZATION	1 LS	\$627,180.00	\$627,180.00	\$325,000.00	\$325,000.00	\$950,000.00	\$950,000.00	\$390,000.00	\$390,000.00
85	TREE PROTECTION FENCE, 4' HIGH	476 LF	\$5.00	\$2,380.00	\$3.50	\$1,666.00	\$2.50	\$1,190.00	\$4.00	\$1,904.00
86	TREE TRUNK PROTECTION	31 EA	\$250.00	\$7,750.00	\$280.00	\$8,680.00	\$250.00	\$7,750.00	\$350.00	\$10,850.00
87	TREE TRIMMING	20 EA	\$2,000.00	\$40,000.00	\$280.00	\$5,600.00	\$300.00	\$6,000.00	\$2,500.00	\$50,000.00
88	MAINTENANCE OF SOLID WASTE COLLECTION	1 LS	\$10,000.00	\$10,000.00	\$11,200.00	\$11,200.00	\$25,000.00	\$25,000.00	\$11,000.00	\$11,000.00
89	MAINTENANCE OF POSTAL SERVICE	1 LS	\$6,000.00	\$6,000.00	\$6,300.00	\$6,300.00	\$25,000.00	\$25,000.00	\$7,000.00	\$7,000.00
200	WATER MAIN, TRENCHED, DUCTILE IRON (DI), RESTRAINED JOINT, 6 IN.	120 LF	\$75.00	\$9,000.00	\$196.00	\$23,520.00	\$100.00	\$12,000.00	\$172.00	\$20,640.00
201	WATER MAIN, TRENCHED, DUCTILE IRON (DI), RESTRAINED JOINT, 8 IN.	560 LF	\$140.00	\$78,400.00	\$210.00	\$117,600.00	\$110.00	\$61,600.00	\$190.00	\$106,400.00
202	WATER MAIN, TRENCHED, DUCTILE IRON (DI), RESTRAINED JOINT, 12 IN.	120 LF	\$195.00	\$23,400.00	\$378.00	\$45,360.00	\$135.00	\$16,200.00	\$215.00	\$25,800.00
203	FITTINGS BY WEIGHT, DUCTILE IRON	4,733 LB	\$12.00	\$56,796.00	\$14.00	\$66,262.00	\$15.00	\$70,995.00	\$12.50	\$59,162.50
204	VALVE, GATE, DIP, 6 IN.	1 EA	\$2,000.00	\$2,000.00	\$2,100.00	\$2,100.00	\$1,800.00	\$1,800.00	\$3,650.00	\$3,650.00
205	VALVE, GATE, DIP, 8 IN.	1 EA	\$3,000.00	\$3,000.00	\$2,380.00	\$2,380.00	\$2,000.00	\$2,000.00	\$4,200.00	\$4,200.00
206	FIRE HYDRANT ASSEMBLY	1 EA	\$8,000.00	\$8,000.00	\$8,400.00	\$8,400.00	\$6,500.00	\$6,500.00	\$11,500.00	\$11,500.00
207	1" WATER SERVICE TRANSFER (OPPOSITE SIDE)	1 EA	\$4,200.00	\$4,200.00	\$5,040.00	\$5,040.00	\$3,200.00	\$3,200.00	\$8,300.00	\$8,300.00
208	1" WATER SERVICE TRANSFER (SAME SIDE)	1 EA	\$3,000.00	\$3,000.00	\$2,940.00	\$2,940.00	\$2,000.00	\$2,000.00	\$5,300.00	\$5,300.00
209	32 LB MAGNESIUM ANODE	14 EA	\$700.00	\$9,800.00	\$280.00	\$3,920.00	\$850.00	\$11,900.00	\$1,000.00	\$14,000.00
210	FOUNDATION ROCK	300 TON	\$45.00	\$13,500.00	\$42.00	\$12,600.00	\$15.00	\$4,500.00	\$55.00	\$16,500.00
211	SPECIAL PIPE SUPPORT	15 CY	\$160.00	\$2,400.00	\$420.00	\$6,300.00	\$500.00	\$7,500.00	\$1,250.00	\$18,750.00
TOTAL CONSTRUCTION COST				\$6,750,000.00		\$6,681,063.00		\$6,857,351.00		\$7,352,010.50
PERCENT OF ENGINEER'S ESTIMATE						-1.02%		+1.59%		+8.92%
						LOW				

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DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 07-2019-007

Bid Date: 05/11/2021

TABULATED BY: L. Vaughan APPROVED BY: _____

CHECKED BY: 

CONTRACTOR'S BID TABULATION
PROJECT: WESTERN INGERSOLL RUN SEWER SEPARATION PHASE 2

-----ESTIMATE-----

ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
1	CLEARING AND GRUBBING	100.0 UNIT	\$120.00	\$12,000.00
2	TOPSOIL, OFF SITE	390 CY	\$35.00	\$13,650.00
3	EXCAVATION, CLASS 10	2,620 CY	\$30.00	\$78,600.00
4	SUBGRADE PREPARATION, 6 IN. DEPTH	2,760 SY	\$6.00	\$16,560.00
5	SUBGRADE STABILIZATION, CEMENT	770 SY	\$150.00	\$115,500.00
6	SUBGRADE TREATMENT, GEOGRID, TYPE 2 OR 3	1,000 SY	\$5.00	\$5,000.00
7	SUBBASE, MODIFIED	13,793 SY	\$20.00	\$275,860.00
8	REPLACEMENT OF UNSUITABLE MATERIAL	12,000 TON	\$30.00	\$360,000.00
9	SANITARY SEWER, GRAVITY MAIN, TRENCHED, PVC, 10"	20 LF	\$150.00	\$3,000.00
10	SANITARY SEWER, GRAVITY MAIN, TRENCHED, PVC, 18"	374 LF	\$175.00	\$65,450.00
11	REPAIR SANITARY SEWER	5 EA	\$4,000.00	\$20,000.00
12	SANITARY SEWER SERVICE RELOCATION	20 EA	\$2,500.00	\$50,000.00
13	REMOVAL OF SANITARY SEWER, 10"-18"	394 LF	\$45.00	\$17,730.00
14	STORM SEWER, TRENCHED, DI, 14"	152 LF	\$225.00	\$34,200.00
15	STORM SEWER, TRENCHED, 15"	258 LF	\$120.00	\$30,960.00
16	STORM SEWER, TRENCHED, GASKETED, 15"	830 LF	\$125.00	\$103,750.00
17	STORM SEWER, TRENCHED, RCP, 15"	84 LF	\$130.00	\$10,920.00
18	STORM SEWER, TRENCHED, 18"	1,691 LF	\$130.00	\$219,830.00
19	STORM SEWER, TRENCHED, GASKETED, 18"	144 LF	\$135.00	\$19,440.00
20	STORM SEWER, TRENCHED, 24"	344 LF	\$160.00	\$55,040.00
21	STORM SEWER, TRENCHED, GASKETED, 24"	67 LF	\$165.00	\$11,055.00
22	STORM SEWER, TRENCHED, RCP, 24"	64 LF	\$160.00	\$10,240.00
23	STORM SEWER, TRENCHED, 30"	224 LF	\$170.00	\$38,080.00
24	STORM SEWER, TRENCHED, GASKETED, 30"	683 LF	\$175.00	\$119,525.00
25	STORM SEWER, TRENCHED, GASKETED RCP, 30"	54 LF	\$185.00	\$9,990.00
26	STORM SEWER, TRENCHED, RCP, 30"	287 LF	\$175.00	\$50,225.00
27	STORM SEWER, TRENCHED, GASKETED RCAP, 30"	98 LF	\$185.00	\$18,130.00
28	STORM SEWER, TRENCHED, 36"	1,090 LF	\$180.00	\$196,200.00
29	STORM SEWER, TRENCHED, GASKETED, 36"	42 LF	\$185.00	\$7,770.00
30	STORM SEWER, TRENCHED, RCP, CL5, 36"	39 LF	\$190.00	\$7,410.00
31	STORM SEWER, TRENCHED, GASKETED RCAP, 36"	98 LF	\$195.00	\$19,110.00
32	STORM SEWER, TRENCHLESS, RCP, JACKING PIPE, 15"	50 LF	\$700.00	\$35,000.00
33	STORM SEWER, TRENCHLESS, RCP, JACKING PIPE, 18"	397 LF	\$800.00	\$317,600.00
34	STORM SEWER, TRENCHLESS, RCP, JACKING PIPE, 24"	436 LF	\$850.00	\$370,600.00
35	STORM SEWER, TRENCHLESS, RCP, JACKING PIPE, 30"	427 LF	\$950.00	\$405,650.00
36	STORM SEWER, TRENCHLESS, RCP, JACKING PIPE, 36"	200 LF	\$1,100.00	\$220,000.00
37	REMOVAL OF STORM SEWER, VCP OR RCP, 6" TO 15"	525 LF	\$30.00	\$15,750.00
38	STORM SEWER ABANDONMENT, FILLED PLUG	22 EA	\$55.00	\$1,210.00
39	WATER SERVICE REPLACEMENT, LESS THAN OR EQUAL TO 2"	25 EA	\$5,000.00	\$125,000.00
40	WATER SERVICE TAP	26 EA	\$1,500.00	\$39,000.00
41	MANHOLE, SW 401, 48"	7 EA	\$4,600.00	\$32,200.00
42	MANHOLE, SW 401, 60"	17 EA	\$5,500.00	\$93,500.00
43	MANHOLE, SW 401, 84"	1 EA	\$9,500.00	\$9,500.00
44	MANHOLE, SW 406, 48"x 48"	1 EA	\$8,000.00	\$8,000.00
45	MANHOLE, SW 402, 66"x66"	1 EA	\$13,000.00	\$13,000.00
46	MANHOLE, SW 402, 66" x 48"	1 EA	\$10,000.00	\$10,000.00
47	MANHOLE, SW 402, 60" x 48"	1 EA	\$9,000.00	\$9,000.00
48	MANHOLE, SW 402, 48" x 48"	2 EA	\$8,000.00	\$16,000.00
49	MANHOLE, SW 402, 60" x 60"	1 EA	\$10,000.00	\$10,000.00

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

BID SECURITY
10% Bid Bond

BID PRICE

UNIT PRICE	AMOUNT
\$105.00	\$10,500.00
\$47.00	\$18,330.00
\$23.00	\$60,260.00
\$3.00	\$8,280.00
\$25.00	\$19,250.00
\$4.25	\$4,250.00
\$60.00	\$827,580.00
\$40.00	\$480,000.00
\$650.00	\$13,000.00
\$270.00	\$100,980.00
\$2,150.00	\$10,750.00
\$2,450.00	\$49,000.00
\$24.50	\$9,653.00
\$160.00	\$24,320.00
\$93.00	\$23,994.00
\$104.00	\$86,320.00
\$94.00	\$7,896.00
\$95.00	\$160,645.00
\$105.00	\$15,120.00
\$100.00	\$34,400.00
\$111.00	\$7,437.00
\$108.00	\$6,912.00
\$113.00	\$25,312.00
\$130.00	\$88,790.00
\$130.00	\$7,020.00
\$113.00	\$32,431.00
\$172.00	\$16,856.00
\$142.00	\$154,780.00
\$156.00	\$6,552.00
\$168.00	\$6,552.00
\$196.00	\$19,208.00
\$1,500.00	\$75,000.00
\$625.00	\$248,125.00
\$725.00	\$316,100.00
\$925.00	\$394,975.00
\$1,025.00	\$205,000.00
\$32.00	\$16,800.00
\$400.00	\$8,800.00
\$4,450.00	\$111,250.00
\$1,500.00	\$39,000.00
\$3,800.00	\$26,600.00
\$6,000.00	\$102,000.00
\$8,800.00	\$8,800.00
\$5,200.00	\$5,200.00
\$13,800.00	\$13,800.00
\$13,600.00	\$13,600.00
\$13,300.00	\$13,300.00
\$12,700.00	\$25,400.00
\$13,300.00	\$13,300.00

Raccoon Valley Contractors
Waukee, IA

BID SECURITY
10% Bid Bond

BID PRICE

UNIT PRICE	AMOUNT
\$154.50	\$15,450.00
\$66.95	\$26,110.50
\$20.60	\$53,972.00
\$10.30	\$28,428.00
\$16.48	\$12,689.60
\$5.15	\$5,150.00
\$14.42	\$198,895.06
\$33.00	\$396,000.00
\$1,195.00	\$23,900.00
\$351.00	\$131,274.00
\$2,369.00	\$11,845.00
\$5,149.00	\$102,980.00
\$46.00	\$18,124.00
\$361.00	\$54,872.00
\$317.00	\$81,786.00
\$319.00	\$264,770.00
\$317.00	\$26,628.00
\$310.00	\$524,210.00
\$319.00	\$45,936.00
\$326.00	\$112,144.00
\$341.00	\$22,847.00
\$335.00	\$21,440.00
\$353.00	\$79,072.00
\$366.00	\$249,978.00
\$367.00	\$19,818.00
\$353.00	\$101,311.00
\$388.00	\$38,024.00
\$373.00	\$406,570.00
\$391.00	\$16,422.00
\$395.00	\$15,405.00
\$414.00	\$40,572.00
\$1,150.00	\$57,500.00
\$875.00	\$347,375.00
\$900.00	\$392,400.00
\$975.00	\$416,325.00
\$1,575.00	\$315,000.00
\$51.00	\$26,775.00
\$103.00	\$2,266.00
\$5,200.00	\$130,000.00
\$1,596.00	\$41,496.00
\$3,000.00	\$21,000.00
\$4,500.00	\$76,500.00
\$7,585.00	\$7,585.00
\$9,389.00	\$9,389.00
\$13,766.00	\$13,766.00
\$10,728.00	\$10,728.00
\$10,110.00	\$10,110.00
\$9,286.00	\$18,572.00
\$11,449.00	\$11,449.00

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ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
50	INTAKE, SW 501	43 EA	\$6,000.00	\$258,000.00	\$8,200.00	\$352,600.00	\$7,131.00	\$306,633.00
51	INTAKE, SW 502, 48"	4 EA	\$7,000.00	\$28,000.00	\$3,800.00	\$15,200.00	\$3,091.00	\$12,364.00
52	INTAKE, SW 502, 72"	2 EA	\$8,000.00	\$16,000.00	\$6,700.00	\$13,400.00	\$6,154.00	\$12,308.00
53	INTAKE, SW 505	7 EA	\$8,000.00	\$56,000.00	\$9,300.00	\$65,100.00	\$9,394.00	\$65,758.00
54	MANHOLE ADJUSTMENT, MINOR	19 EA	\$2,000.00	\$38,000.00	\$1,200.00	\$22,800.00	\$2,575.00	\$48,925.00
55	PCC MANHOLE BOXOUT	60 EA	\$4,000.00	\$240,000.00	\$3,800.00	\$228,000.00	\$2,678.00	\$160,680.00
56	CONNECTION TO EXISTING INTAKE/MANHOLE	5 EA	\$3,000.00	\$15,000.00	\$3,400.00	\$17,000.00	\$3,000.00	\$15,000.00
57	REMOVE MANHOLE	2 EA	\$1,000.00	\$2,000.00	\$470.00	\$940.00	\$1,000.00	\$2,000.00
58	REMOVE INTAKE	20 EA	\$1,000.00	\$20,000.00	\$325.00	\$6,500.00	\$1,000.00	\$20,000.00
59	PAVEMENT, PCC, 6"	105 SY	\$130.00	\$13,650.00	\$103.00	\$10,815.00	\$103.00	\$10,815.00
60	CURB AND GUTTER, PCC, 6", 2'-6" WIDE	7,130 LF	\$40.00	\$285,200.00	\$26.00	\$185,380.00	\$25.75	\$183,597.50
61	PAVEMENT, HMA ST, BASE COURSE	2,630 TON	\$100.00	\$263,000.00	\$79.00	\$207,770.00	\$108.52	\$285,407.60
62	PAVEMENT, HMA ST, SURFACE COURSE	1,970 TON	\$110.00	\$216,700.00	\$76.00	\$149,720.00	\$109.55	\$215,813.50
63	REMOVAL OF SIDEWALK	1,673 SY	\$13.00	\$21,749.00	\$6.00	\$10,038.00	\$11.00	\$18,403.00
64	REMOVAL OF DRIVEWAY	610 SY	\$15.00	\$9,150.00	\$6.50	\$3,965.00	\$15.00	\$9,150.00
65	SIDEWALK, PCC, 4" THICK	1,133 SY	\$55.00	\$62,315.00	\$69.00	\$78,177.00	\$83.43	\$94,526.19
66	SIDEWALK, PCC, 5" THICK	125 SY	\$65.00	\$8,125.00	\$112.00	\$14,000.00	\$97.85	\$12,231.25
67	SIDEWALK, PCC, 6" THICK	407 SY	\$75.00	\$30,525.00	\$85.00	\$34,595.00	\$113.30	\$46,113.10
68	DETECTABLE WARNING	596 SF	\$45.00	\$26,820.00	\$54.00	\$32,184.00	\$56.65	\$33,763.40
69	DRIVEWAY, PCC, 6" THICK	610 SY	\$55.00	\$33,550.00	\$103.00	\$62,830.00	\$87.55	\$53,405.50
70	DRIVEWAY, GRANULAR	20 TON	\$50.00	\$1,000.00	\$60.00	\$1,200.00	\$32.00	\$640.00
71	PAVEMENT SCARIFICATION	5,682 SY	\$15.00	\$85,230.00	\$5.50	\$31,251.00	\$3.86	\$21,932.52
72	PAVEMENT REMOVAL	13,374 SY	\$15.00	\$200,610.00	\$8.50	\$113,679.00	\$15.00	\$200,610.00
73	REMOVE AND REINSTALL NEW SIGN	29 EA	\$700.00	\$20,300.00	\$445.00	\$12,905.00	\$463.00	\$13,427.00
74	TRAFFIC CONTROL	1 LS	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$65,096.00	\$65,096.00
75	TRAFFIC SIGNAL PROTECTION	1 LS	\$25,000.00	\$25,000.00	\$49,500.00	\$49,500.00	\$65,966.00	\$65,966.00
76	HYDRAULIC SEEDING, FERTILIZING, AND MULCHING	1 AC	\$5,000.00	\$5,000.00	\$4,550.00	\$4,550.00	\$4,635.00	\$4,635.00
77	STORMWATER POLLUTION PREVENTION	1 LS	\$10,000.00	\$10,000.00	\$10,250.00	\$10,250.00	\$10,300.00	\$10,300.00
78	FILTER SOCK, 9" DIA	2,147 LF	\$3.00	\$6,441.00	\$2.00	\$4,294.00	\$2.06	\$4,422.82
79	FILTER SOCK REMOVAL	2,147 LF	\$2.00	\$4,294.00	\$0.50	\$1,073.50	\$0.52	\$1,116.44
80	INLET PROTECTION DEVICE	64 EA	\$150.00	\$9,600.00	\$180.00	\$11,520.00	\$46.35	\$2,966.40
81	CHAIN LINK FENCE, 48", SALVAGE, REPLACE	40 LF	\$30.00	\$1,200.00	\$93.00	\$3,720.00	\$46.00	\$1,840.00
82	LIMESTONE RETAINING WALL, SALVAGE, RESTACK	100 SF	\$45.00	\$4,500.00	\$46.00	\$4,600.00	\$92.70	\$9,270.00
83	CONSTRUCTION STAKING	1 LS	\$50,000.00	\$50,000.00	\$58,000.00	\$58,000.00	\$69,000.00	\$69,000.00
84	MOBILIZATION	1 LS	\$627,180.00	\$627,180.00	\$1,258,000.00	\$1,258,000.00	\$419,000.00	\$419,000.00
85	TREE PROTECTION FENCE, 4' HIGH	476 LF	\$5.00	\$2,380.00	\$3.35	\$1,594.60	\$3.35	\$1,594.60
86	TREE TRUNK PROTECTION	31 EA	\$250.00	\$7,750.00	\$360.00	\$11,160.00	\$360.00	\$11,160.00
87	TREE TRIMMING	20 EA	\$2,000.00	\$40,000.00	\$205.00	\$4,100.00	\$2,100.00	\$42,000.00
88	MAINTENANCE OF SOLID WASTE COLLECTION	1 LS	\$10,000.00	\$10,000.00	\$25,000.00	\$25,000.00	\$10,000.00	\$10,000.00
89	MAINTENANCE OF POSTAL SERVICE	1 LS	\$6,000.00	\$6,000.00	\$25,000.00	\$25,000.00	\$6,000.00	\$6,000.00
200	WATER MAIN, TRENCHED, DUCTILE IRON (DI), RESTRAINED JOINT, 6 IN.	120 LF	\$75.00	\$9,000.00	\$145.00	\$17,400.00	\$253.00	\$30,360.00
201	WATER MAIN, TRENCHED, DUCTILE IRON (DI), RESTRAINED JOINT, 8 IN.	560 LF	\$140.00	\$78,400.00	\$160.00	\$89,600.00	\$306.00	\$171,360.00
202	WATER MAIN, TRENCHED, DUCTILE IRON (DI), RESTRAINED JOINT, 12 IN.	120 LF	\$195.00	\$23,400.00	\$180.00	\$21,600.00	\$334.00	\$40,080.00
203	FITTINGS BY WEIGHT, DUCTILE IRON	4,733 LB	\$12.00	\$56,796.00	\$15.00	\$70,995.00	\$8.49	\$40,183.17
204	VALVE, GATE, DIP, 6 IN.	1 EA	\$2,000.00	\$2,000.00	\$1,750.00	\$1,750.00	\$1,189.00	\$1,189.00
205	VALVE, GATE, DIP, 8 IN.	1 EA	\$3,000.00	\$3,000.00	\$2,050.00	\$2,050.00	\$1,500.00	\$1,500.00
206	FIRE HYDRANT ASSEMBLY	1 EA	\$8,000.00	\$8,000.00	\$8,600.00	\$8,600.00	\$5,100.00	\$5,100.00
207	1" WATER SERVICE TRANSFER (OPPOSITE SIDE)	1 EA	\$4,200.00	\$4,200.00	\$2,450.00	\$2,450.00	\$4,495.00	\$4,495.00
208	1" WATER SERVICE TRANSFER (SAME SIDE)	1 EA	\$3,000.00	\$3,000.00	\$1,800.00	\$1,800.00	\$3,000.00	\$3,000.00
209	32 LB MAGNESIUM ANODE	14 EA	\$700.00	\$9,800.00	\$750.00	\$10,500.00	\$206.00	\$2,884.00
210	FOUNDATION ROCK	300 TON	\$45.00	\$13,500.00	\$38.00	\$11,400.00	\$21.00	\$6,300.00
211	SPECIAL PIPE SUPPORT	15 CY	\$160.00	\$2,400.00	\$1,400.00	\$21,000.00	\$412.00	\$6,180.00
TOTAL CONSTRUCTION COST				\$6,750,000.00		\$7,424,984.10		\$7,935,361.15
PERCENT OF ENGINEER'S ESTIMATE						+10.00%		+17.56%