



Roll Call Number

Agenda Item Number

67

DATE July 19, 2021

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON
2021 SEWER REPAIR CONTRACT 1;
RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS ON TRACK CONSTRUCTION, LLC, MATTHEW RUNGE, PRESIDENT, \$1,687,000.00

WHEREAS, on June 14, 2021, under Roll Call No. 21-0831, 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:

2021 Sewer Repair Contract 1, 082021001

The improvement includes the construction of storm sewer, sanitary sewer, manholes, intakes, Portland Cement Concrete (PCC) pavement, Hot Mix Asphalt (HMA) pavement, earthwork and grading, rip rap, erosion control, fencing, seeding, sodding, and other incidental items; in accordance with the contract documents, including Plan File Nos. 630-029/078 at the following locations: 3010 SW 40th Street, 2918 Druid Hill Drive, 912 King Avenue, 1800 block of Hartford Avenue, 7700 SE 14th Street, E Philip Street from South Union Street to SE 3rd Street, 1144 Polk Boulevard, Cummins Parkway and University Avenue, 3323 Sheridan Avenue, 48th Street and Holcomb Avenue, and 4204 30th 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.



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

- On Track Construction, LLC, Nevada, IA, Low Bid
- J & K Contracting, LLC, Urbandale, IA
- Vanderpool Construction, Inc., Indianola, IA
- Raccoon Valley Contractors, LLC., Waukee, IA
- The Underground Company, Ltd., Carlisle, IA
- Rognes Corp. , Ankeny, IA
- S. M. Hentges & Sons Inc., Jordan, MN
- Synergy Contracting, LLC, Altoona, IA
- Jenco Construction Inc., Des Moines, IA - Bid not read - multiple proposal pages missing

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 29, 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 On Track Construction, LLC, Matthew Runge, President, 1316 6th St., Suite 109, Nevada, IA, 50201 in the amount of \$1,687,000.00, 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.



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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.

Moved by _____ to adopt.

(Council Communication No.

21-330

FORM APPROVED:

FUNDS AVAILABLE

s/Kathleen Vanderpool

s/Nickolas J. Schaul

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance

SLN
PN

Funding Source: 2021-2022 CIP, Page 96, City-wide Storm Water Utility Projects, SM057, Being: \$1,231,057.07 Storm Water Utility Funds, \$405,637.93 in Sanitary Sewer Funds from SS049, and the remaining \$50,305 transferred from ST013

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

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.

Mayor

City Clerk

67

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

ACT. ID 08-2021-001

BID DATE: 6/29/2021

TABULATED BY: L.A. Vaughan APPROVED BY *P. Wagen*

CHECKED BY: *Matt [Signature]*

CONTRACTOR'S BID TABULATION

PROJECT: 2021 SEWER REPAIR CONTRACT 1

ESTIMATE

On Track Construction, LLC
Nevada, IA

J&K Contracting, LLC
Urbandale, IA

Vanderpool Construction, Inc.
Indianola, IA

BID SECURITY
10% Bid Bond

BID SECURITY
10% Bid Bond

BID SECURITY
10% Bid Bond

BID PRICE

BID PRICE

BID PRICE

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	CLEARING AND GRUBBING	2.46 AC	\$15,000.00	\$36,900.00	\$27,000.00	\$66,420.00	\$32,000.00	\$78,720.00		\$0.00
2	TOPSOIL, OFF-SITE	1323 CY	\$35.00	\$46,305.00	\$50.00	\$66,150.00	\$40.00	\$52,920.00	\$30.00	\$39,690.00
3	EXCAVATION, CLASS 10	8219 CY	\$25.00	\$205,475.00	\$25.00	\$205,475.00	\$25.00	\$205,475.00	\$20.00	\$164,380.00
4	SUBGRADE PREPARATION, 12 IN.	251 SY	\$5.00	\$1,255.00	\$16.00	\$4,016.00	\$6.50	\$1,631.50	\$20.00	\$5,020.00
5	SUBGRADE TREATMENT, GEOGRID, TYPE 2	193 SY	\$5.00	\$965.00	\$10.00	\$1,930.00	\$6.50	\$1,254.50	\$4.00	\$772.00
6	SUBBASE, MODIFIED	299 TON	\$40.00	\$11,960.00	\$20.00	\$5,980.00	\$40.00	\$11,960.00	\$50.00	\$14,950.00
7	SANITARY SEWER GRAVITY MAIN, TRENCHED, SOLID WALL PVC, 8"	200 LF	\$100.00	\$20,000.00	\$148.00	\$29,600.00	\$100.00	\$20,000.00	\$100.00	\$20,000.00
8	SANITARY SEWER GRAVITY MAIN, TRENCHED, SOLID WALL PVC, 10"	20 LF	\$175.00	\$3,500.00	\$580.00	\$11,600.00	\$180.00	\$3,600.00	\$360.00	\$7,200.00
9	SANITARY SEWER GRAVITY MAIN, TRENCHED, SOLID WALL PVC, 12"	19 LF	\$250.00	\$4,750.00	\$625.00	\$11,875.00	\$200.00	\$3,800.00	\$400.00	\$7,600.00
10	REMOVAL OF SANITARY SEWER	78 LF	\$30.00	\$2,340.00	\$30.00	\$2,340.00	\$75.00	\$5,850.00	\$55.00	\$4,290.00
11	STORM SEWER, TRENCHED, PVC, 16"	88 LF	\$150.00	\$13,200.00	\$270.00	\$23,760.00	\$145.00	\$12,760.00	\$170.00	\$14,960.00
12	STORM SEWER, TRENCHED, HDPE, 12"	118 LF	\$125.00	\$14,750.00	\$125.00	\$14,750.00	\$65.00	\$7,670.00	\$85.00	\$10,030.00
13	STORM SEWER, TRENCHED, HDPE, 15"	420 LF	\$150.00	\$63,000.00	\$145.00	\$60,900.00	\$70.00	\$29,400.00	\$105.00	\$44,100.00
14	STORM SEWER, TRENCHED, HDPE, 18"	251 LF	\$175.00	\$43,925.00	\$165.00	\$41,415.00	\$75.00	\$18,825.00	\$110.00	\$27,610.00
15	STORM SEWER, TRENCHED, RCP, 15"	33 LF	\$175.00	\$5,775.00	\$215.00	\$7,095.00	\$100.00	\$3,300.00	\$185.00	\$6,105.00
16	STORM SEWER, TRENCHED, RCP, 18"	244 LF	\$200.00	\$48,800.00	\$160.00	\$39,040.00	\$110.00	\$26,840.00	\$130.00	\$31,720.00
17	STORM SEWER, TRENCHED, RCP, 24"	15 LF	\$225.00	\$3,375.00	\$600.00	\$9,000.00	\$120.00	\$1,800.00	\$275.00	\$4,125.00
18	STORM SEWER, TRENCHED, RCP, 36"	207 LF	\$250.00	\$51,750.00	\$260.00	\$53,820.00	\$160.00	\$33,120.00	\$230.00	\$47,610.00
19	STORM SEWER, TRENCHED, RCP, 48"	32 LF	\$275.00	\$8,800.00	\$360.00	\$11,520.00	\$250.00	\$8,000.00	\$445.00	\$14,240.00
20	REMOVAL OF STORM SEWER <30" DIAMETER	377 LF	\$20.00	\$7,540.00	\$30.00	\$11,310.00	\$20.00	\$7,540.00	\$65.00	\$24,505.00
21	PIPE APRON, RCP, 15"	1 EACH	\$2,500.00	\$2,500.00	\$1,800.00	\$1,800.00	\$2,000.00	\$2,000.00	\$2,100.00	\$2,100.00
22	PIPE APRON, RCP, 18"	2 EACH	\$2,750.00	\$5,500.00	\$1,900.00	\$3,800.00	\$2,200.00	\$4,400.00	\$2,400.00	\$4,800.00
23	PIPR APRON, RCP, 24"	1 EACH	\$3,000.00	\$3,000.00	\$2,300.00	\$2,300.00	\$2,600.00	\$2,600.00	\$3,300.00	\$3,300.00
24	PIPR APRON, RCP, 36"	2 EACH	\$3,250.00	\$6,500.00	\$3,100.00	\$6,200.00	\$4,800.00	\$9,600.00	\$5,300.00	\$10,600.00
25	PIPE APRON, RCP, 48"	1 EACH	\$3,500.00	\$3,500.00	\$3,955.00	\$3,955.00	\$5,000.00	\$5,000.00	\$6,500.00	\$6,500.00
26	REMOVAL OF PIPE APRON	2 EACH	\$1,000.00	\$2,000.00	\$450.00	\$900.00	\$700.00	\$1,400.00	\$1,000.00	\$2,000.00
27	FOOTING FOR CONCRETE PIPE APRON, 15"	1 EACH	\$1,500.00	\$1,500.00	\$600.00	\$600.00	\$500.00	\$500.00	\$800.00	\$800.00
28	FOOTING FOR CONCRETE PIPE APRON, 18"	2 EACH	\$1,750.00	\$3,500.00	\$650.00	\$1,300.00	\$650.00	\$1,300.00	\$1,000.00	\$2,000.00
29	FOOTING FOR CONCRETE PIPE APRON, 24"	1 EACH	\$2,000.00	\$2,000.00	\$1,050.00	\$1,050.00	\$750.00	\$750.00	\$1,600.00	\$1,600.00
30	FOOTING FOR CONCRETE PIPE APRON, 36"	2 EACH	\$2,250.00	\$4,500.00	\$1,150.00	\$2,300.00	\$1,100.00	\$2,200.00	\$2,300.00	\$4,600.00
31	FOOTING FOR CONCRETE PIPE APRON, 48"	1 EACH	\$2,500.00	\$2,500.00	\$1,300.00	\$1,300.00	\$1,300.00	\$1,300.00	\$2,400.00	\$2,400.00
32	SUBDRAIN, 4"	200 LF	\$125.00	\$25,000.00	\$58.00	\$11,600.00	\$45.00	\$9,000.00	\$30.00	\$6,000.00
33	SUBDRAIN, 6"	200 LF	\$150.00	\$30,000.00	\$60.00	\$12,000.00	\$50.00	\$10,000.00	\$32.00	\$6,400.00
34	SUBDRAIN, 8"	378 LF	\$175.00	\$66,150.00	\$61.50	\$23,247.00	\$55.00	\$20,790.00	\$52.00	\$19,656.00
35	SUBDRAIN CLEANOUT, TYPE A-1, 8"	3 EACH	\$750.00	\$2,250.00	\$900.00	\$2,700.00	\$1,000.00	\$3,000.00	\$1,000.00	\$3,000.00
36	SUBDRAIN OUTLETS AND CONNECTIONS, CMP, 8"	9 EACH	\$750.00	\$6,750.00	\$450.00	\$4,050.00	\$250.00	\$2,250.00	\$500.00	\$4,500.00
37	MANHOLE, SW-301, 48"	3 EACH	\$5,500.00	\$16,500.00	\$5,750.00	\$17,250.00	\$5,800.00	\$17,400.00	\$6,100.00	\$18,300.00
38	MANHOLE, SW-401, 48"	9 EACH	\$5,000.00	\$45,000.00	\$4,500.00	\$40,500.00	\$4,800.00	\$43,200.00	\$4,600.00	\$41,400.00
39	MANHOLE, SW-401, 60"	4 EACH	\$6,000.00	\$24,000.00	\$10,500.00	\$42,000.00	\$14,500.00	\$58,000.00	\$11,900.00	\$47,600.00
40	MANHOLE, SW-402	1 EACH	\$10,000.00	\$10,000.00	\$18,500.00	\$18,500.00	\$15,300.00	\$15,300.00	\$16,800.00	\$16,800.00
41	NYOPLAST BASIN	1 EACH	\$3,500.00	\$3,500.00	\$2,750.00	\$2,750.00	\$7,700.00	\$7,700.00	\$8,300.00	\$8,300.00
42	INTAKE, SW-501	4 EACH	\$5,000.00	\$20,000.00	\$5,500.00	\$22,000.00	\$6,300.00	\$25,200.00	\$6,400.00	\$25,600.00

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
43	INTAKE, SW-505	1 EACH	\$7,500.00	\$7,500.00	\$9,050.00	\$9,050.00	\$10,000.00	\$10,000.00	\$10,900.00	\$10,900.00
44	INTAKE, SW-509	3 EACH	\$12,500.00	\$37,500.00	\$12,200.00	\$36,600.00	\$15,700.00	\$47,100.00	\$15,600.00	\$46,800.00
45	INTAKE, SW-541	2 EACH	\$12,500.00	\$25,000.00	\$13,250.00	\$26,500.00	\$17,500.00	\$35,000.00	\$18,500.00	\$37,000.00
46	MANHOLE ADJUSTMENT, MINOR	1 EACH	\$1,500.00	\$1,500.00	\$1,100.00	\$1,100.00	\$3,600.00	\$3,600.00	\$2,500.00	\$2,500.00
47	INTAKE ADJUSTMENT, MAJOR	2 EACH	\$3,000.00	\$6,000.00	\$2,900.00	\$5,800.00	\$5,800.00	\$11,600.00	\$19,700.00	\$39,400.00
48	REMOVE MANHOLE OR INTAKE	6 EACH	\$1,000.00	\$6,000.00	\$800.00	\$4,800.00	\$600.00	\$3,600.00	\$2,100.00	\$12,600.00
49	PCC PAVEMENT, 6"	420 SY	\$70.00	\$29,400.00	\$86.00	\$36,120.00	\$85.00	\$35,700.00	\$54.00	\$22,680.00
50	CURB AND GUTTER, 2 FT, 7"	263 LF	\$40.00	\$10,520.00	\$42.00	\$11,046.00	\$50.00	\$13,150.00	\$64.00	\$16,832.00
51	HMA SURFACE COURSE, ST, PG 58-28H (1/2" MIX)	570 TON	\$130.00	\$74,100.00	\$89.00	\$50,730.00	\$110.00	\$62,700.00	\$112.00	\$63,840.00
52	REMOVAL OF SIDEWALK	53 SY	\$15.00	\$795.00	\$40.00	\$2,120.00	\$15.00	\$795.00	\$30.00	\$1,590.00
53	REMOVAL OF DRIVEWAY	241 SY	\$15.00	\$3,615.00	\$30.00	\$7,230.00	\$15.00	\$3,615.00	\$30.00	\$7,230.00
54	REMOVAL OF CURB	263 LF	\$15.00	\$3,945.00	\$20.00	\$5,260.00	\$15.00	\$3,945.00	\$30.00	\$7,890.00
55	SIDEWALK, PCC, 5 IN. THICK	204 SY	\$65.00	\$13,260.00	\$69.00	\$14,076.00	\$90.00	\$18,360.00	\$48.00	\$9,792.00
56	SIDEWALK, PCC, 6 IN. THICK	20 SY	\$70.00	\$1,400.00	\$89.00	\$1,780.00	\$115.00	\$2,300.00	\$60.00	\$1,200.00
57	DETECTABLE WARNING	28 SF	\$50.00	\$1,400.00	\$60.00	\$1,680.00	\$75.00	\$2,100.00	\$89.00	\$2,492.00
58	DRIVEWAY, PAVED, PCC, 6 IN.	241 SY	\$70.00	\$16,870.00	\$80.00	\$19,280.00	\$90.00	\$21,690.00	\$54.00	\$13,014.00
59	DRIVEWAY, GRANULAR	705 TON	\$40.00	\$28,200.00	\$25.00	\$17,625.00	\$50.00	\$35,250.00	\$50.00	\$35,250.00
60	FULL DEPTH PATCH, PCC	247 SY	\$125.00	\$30,875.00	\$145.00	\$35,815.00	\$165.00	\$40,755.00	\$96.00	\$23,712.00
61	PAVEMENT MILLING	4871 SY	\$5.00	\$24,355.00	\$3.00	\$14,613.00	\$3.50	\$17,048.50	\$4.00	\$19,484.00
62	PAVEMENT REMOVAL	667 SY	\$15.00	\$10,005.00	\$34.00	\$22,678.00	\$15.00	\$10,005.00	\$47.00	\$31,349.00
63	TEMPORARY TRAFFIC CONTROL	1 LS	\$40,000.00	\$40,000.00	\$14,000.00	\$14,000.00	\$63,500.00	\$63,500.00	\$18,000.00	\$18,000.00
64	CONVENTIONAL SEEDING, TYPE 1	1.1 AC	\$5,000.00	\$5,500.00	\$4,000.00	\$4,400.00	\$4,800.00	\$5,280.00	\$5,000.00	\$5,500.00
65	CONVENTIONAL SEEDING, TYPE 2	2.19 AC	\$4,000.00	\$8,760.00	\$3,500.00	\$7,665.00	\$4,300.00	\$9,417.00	\$4,400.00	\$9,636.00
66	SOD	321 SQ	\$80.00	\$25,680.00	\$80.00	\$25,680.00	\$100.00	\$32,100.00	\$100.00	\$32,100.00
67	FILTER SOCK, 9 INCH DIA.	800 LF	\$4.00	\$3,200.00	\$1.50	\$1,200.00	\$1.50	\$1,200.00	\$2.00	\$1,600.00
68	FILTER SOCK, REMOVAL	800 LF	\$1.00	\$800.00	\$0.30	\$240.00	\$0.30	\$240.00	\$0.30	\$240.00
69	TEMPORARY RECP, TYPE 1	4586 SY	\$3.00	\$13,758.00	\$2.00	\$9,172.00	\$2.50	\$11,465.00	\$2.50	\$11,465.00
70	RIP RAP, TYPE D	2543 TONS	\$75.00	\$190,725.00	\$62.00	\$157,666.00	\$75.00	\$190,725.00	\$92.00	\$233,956.00
71	EROSION CONTROL MULCHING, HYDROMULCHING	1.1 ACRE	\$3,500.00	\$3,850.00	\$1,700.00	\$1,870.00	\$2,000.00	\$2,200.00	\$2,100.00	\$2,310.00
72	INLET PROTECTION DEVICE	7 EACH	\$250.00	\$1,750.00	\$175.00	\$1,225.00	\$200.00	\$1,400.00	\$225.00	\$1,575.00
73	STABILIZED CONSTRUCTION ENTRANCE	675 TON	\$45.00	\$30,375.00	\$55.00	\$37,125.00	\$20.00	\$13,500.00	\$55.00	\$37,125.00
74	CHAIN LINK FENCE, BLACK PVC-COATED, 42"	100 LF	\$40.00	\$4,000.00	\$37.00	\$3,700.00	\$45.00	\$4,500.00	\$46.00	\$4,600.00
75	CHAIN LINK FENCE, 60"	60 LF	\$45.00	\$2,700.00	\$35.00	\$2,100.00	\$40.00	\$2,400.00	\$44.00	\$2,640.00
76	WOOD PRIVACY FENCE, 6-FT	175 LF	\$60.00	\$10,500.00	\$42.00	\$7,350.00	\$50.00	\$8,750.00	\$52.00	\$9,100.00
77	GATE, WOOD PRIVACY FENCE, 6-FT	3 EACH	\$500.00	\$1,500.00	\$660.00	\$1,980.00	\$800.00	\$2,400.00	\$800.00	\$2,400.00
78	REMOVAL AND REINSTALLATION OF EXISTING FENCE, CHAIN-LINK, 48"	166 LF	\$30.00	\$4,980.00	\$26.00	\$4,316.00	\$30.00	\$4,980.00	\$33.00	\$5,478.00
79	REMOVAL AND REINSTALLATION OF EXISTING FENCE, WOOD, 6'	31 LF	\$50.00	\$1,550.00	\$50.00	\$1,550.00	\$60.00	\$1,860.00	\$62.00	\$1,922.00
80	REMOVAL OF FENCE	335 LF	\$15.00	\$5,025.00	\$5.00	\$1,675.00	\$5.00	\$1,675.00	\$6.00	\$2,010.00
81	LANDSCAPE TIMBERS	60 SF	\$40.00	\$2,400.00	\$50.00	\$3,000.00	\$60.00	\$3,600.00	\$64.00	\$3,840.00
82	MOBILIZATION	1 LS	\$119,442.00	\$119,442.00	\$109,959.00	\$109,959.00	\$125,563.50	\$125,563.50	\$190,000.00	\$190,000.00
83	MAINTENANCE OF POSTAL SERVICE	1 LS	\$2,500.00	\$2,500.00	\$2,222.00	\$2,222.00	\$3,000.00	\$3,000.00	\$4,000.00	\$4,000.00
84	MAINTENANCE OF SOLID WASTE COLLECTION	1 LS	\$2,500.00	\$2,500.00	\$2,222.00	\$2,222.00	\$3,000.00	\$3,000.00	\$6,500.00	\$6,500.00
85	TREE PROTECTION FENCE	750 LF	\$5.00	\$3,750.00	\$7.00	\$5,250.00	\$3.00	\$2,250.00	\$3.00	\$2,250.00
86	LAWN IRRIGATION ADJUSTMENT, ALLOWANCE	1 LS	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
87	SALVAGE AND REINSTALL RIVER ROCK BED	58 SY	\$25.00	\$1,450.00	\$125.00	\$7,250.00	\$20.00	\$1,160.00	\$20.00	\$1,160.00
88	CONNECT SUMP LINE TO SUBDRAIN	12 EACH	\$750.00	\$9,000.00	\$845.00	\$10,140.00	\$800.00	\$9,600.00	\$1,350.00	\$16,200.00
89	GROUT FOR RIP RAP	30 CY	\$300.00	\$9,000.00	\$235.00	\$7,050.00	\$450.00	\$13,500.00	\$400.00	\$12,000.00
90	IMPORTED GRANULAR BACKFILL	450 TON	\$40.00	\$18,000.00	\$40.00	\$18,000.00	\$20.00	\$9,000.00	\$40.00	\$18,000.00
91	STEEL BEAM GUARDRAIL	26 LF	\$125.00	\$3,250.00	\$117.00	\$3,042.00	\$245.00	\$6,370.00	\$200.00	\$5,200.00
92	REMOVAL OF GUARDRAIL	26 LF	\$50.00	\$1,300.00	\$75.00	\$1,950.00	\$20.00	\$520.00	\$50.00	\$1,300.00
TOTAL CONSTRUCTION COST				\$1,750,000.00		\$1,687,000.00		\$1,700,825.00		\$1,784,825.00
PERCENT OF ENGINEER'S ESTIMATE						-3.60%		-2.81%		+1.99%
						Low				

TABULATED BY: L.A. Vaughan APPROVED BY _____

CHECKED BY: _____

CONTRACTOR'S BID TABULATION

PROJECT: 2021 SEWER REPAIR CONTRACT 1

ESTIMATE _____

Raccoon Valley Contractors
Waukee, IA

The Underground Co., Ltd.
Carlisle, IA

Rognes Corporation
Ankeny, IA

BID SECURITY
10% Bid Bond

BID SECURITY
10% Bid Bond

BID SECURITY
10% Bid Bond

BID PRICE

BID PRICE

BID PRICE

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	CLEARING AND GRUBBING	2.46 AC	\$15,000.00	\$36,900.00	\$48,780.00	\$119,998.80	\$30,000.00	\$73,800.00	\$47,000.00	\$115,620.00
2	TOPSOIL, OFF-SITE	1323 CY	\$35.00	\$46,305.00	\$50.00	\$66,150.00	\$50.00	\$66,150.00	\$55.00	\$72,765.00
3	EXCAVATION, CLASS 10	8219 CY	\$25.00	\$205,475.00	\$30.00	\$246,570.00	\$37.00	\$304,103.00	\$33.00	\$271,227.00
4	SUBGRADE PREPARATION, 12 IN.	251 SY	\$5.00	\$1,255.00	\$15.00	\$3,765.00	\$10.00	\$2,510.00	\$16.00	\$4,016.00
5	SUBGRADE TREATMENT, GEOGRID, TYPE 2	193 SY	\$5.00	\$965.00	\$8.00	\$1,544.00	\$10.00	\$1,930.00	\$9.00	\$1,737.00
6	SUBBASE, MODIFIED	299 TON	\$40.00	\$11,960.00	\$45.00	\$13,455.00	\$50.00	\$14,950.00	\$31.00	\$9,269.00
7	SANITARY SEWER GRAVITY MAIN, TRENCHED, SOLID WALL PVC, 8"	200 LF	\$100.00	\$20,000.00	\$122.00	\$24,400.00	\$60.00	\$12,000.00	\$295.00	\$59,000.00
8	SANITARY SEWER GRAVITY MAIN, TRENCHED, SOLID WALL PVC, 10"	20 LF	\$175.00	\$3,500.00	\$271.00	\$5,420.00	\$300.00	\$6,000.00	\$315.00	\$6,300.00
9	SANITARY SEWER GRAVITY MAIN, TRENCHED, SOLID WALL PVC, 12"	19 LF	\$250.00	\$4,750.00	\$298.00	\$5,662.00	\$300.00	\$5,700.00	\$470.00	\$8,930.00
10	REMOVAL OF SANITARY SEWER	78 LF	\$30.00	\$2,340.00	\$76.00	\$5,928.00	\$30.00	\$2,340.00	\$70.00	\$5,460.00
11	STORM SEWER, TRENCHED, PVC, 16"	88 LF	\$150.00	\$13,200.00	\$222.00	\$19,536.00	\$270.00	\$23,760.00	\$340.00	\$29,920.00
12	STORM SEWER, TRENCHED, HDPE, 12"	118 LF	\$125.00	\$14,750.00	\$103.00	\$12,154.00	\$95.00	\$11,210.00	\$225.00	\$26,550.00
13	STORM SEWER, TRENCHED, HDPE, 15"	420 LF	\$150.00	\$63,000.00	\$117.00	\$49,140.00	\$96.00	\$40,320.00	\$230.00	\$96,600.00
14	STORM SEWER, TRENCHED, HDPE, 18"	251 LF	\$175.00	\$43,925.00	\$249.00	\$62,499.00	\$156.00	\$39,156.00	\$235.00	\$58,985.00
15	STORM SEWER, TRENCHED, RCP, 15"	33 LF	\$175.00	\$5,775.00	\$576.00	\$19,008.00	\$325.00	\$10,725.00	\$192.00	\$6,336.00
16	STORM SEWER, TRENCHED, RCP, 18"	244 LF	\$200.00	\$48,800.00	\$239.00	\$58,316.00	\$134.00	\$32,696.00	\$232.00	\$56,608.00
17	STORM SEWER, TRENCHED, RCP, 24"	15 LF	\$225.00	\$3,375.00	\$846.00	\$12,690.00	\$400.00	\$6,000.00	\$250.00	\$3,750.00
18	STORM SEWER, TRENCHED, RCP, 36"	207 LF	\$250.00	\$51,750.00	\$462.00	\$95,634.00	\$305.00	\$63,135.00	\$290.00	\$60,030.00
19	STORM SEWER, TRENCHED, RCP, 48"	32 LF	\$275.00	\$8,800.00	\$608.00	\$19,456.00	\$323.00	\$10,336.00	\$374.00	\$11,968.00
20	REMOVAL OF STORM SEWER <30" DIAMETER	377 LF	\$20.00	\$7,540.00	\$45.00	\$16,965.00	\$20.00	\$7,540.00	\$60.00	\$22,620.00
21	PIPE APRON, RCP, 15"	1 EACH	\$2,500.00	\$2,500.00	\$4,169.00	\$4,169.00	\$2,200.00	\$2,200.00	\$2,700.00	\$2,700.00
22	PIPE APRON, RCP, 18"	2 EACH	\$2,750.00	\$5,500.00	\$4,344.00	\$8,688.00	\$2,300.00	\$4,600.00	\$4,000.00	\$8,000.00
23	PIPR APRON, RCP, 24"	1 EACH	\$3,000.00	\$3,000.00	\$4,807.00	\$4,807.00	\$2,800.00	\$2,800.00	\$4,410.97	\$4,410.97
24	PIPR APRON, RCP, 36"	2 EACH	\$3,250.00	\$6,500.00	\$5,643.00	\$11,286.00	\$4,300.00	\$8,600.00	\$6,500.00	\$13,000.00
25	PIPE APRON, RCP, 48"	1 EACH	\$3,500.00	\$3,500.00	\$8,100.00	\$8,100.00	\$6,400.00	\$6,400.00	\$7,500.00	\$7,500.00
26	REMOVAL OF PIPE APRON	2 EACH	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$1,640.00	\$3,280.00
27	FOOTING FOR CONCRETE PIPE APRON, 15"	1 EACH	\$1,500.00	\$1,500.00	\$2,168.00	\$2,168.00	\$400.00	\$400.00	\$1,640.00	\$1,640.00
28	FOOTING FOR CONCRETE PIPE APRON, 18"	2 EACH	\$1,750.00	\$3,500.00	\$2,277.00	\$4,554.00	\$400.00	\$800.00	\$1,785.00	\$3,570.00
29	FOOTING FOR CONCRETE PIPE APRON, 24"	1 EACH	\$2,000.00	\$2,000.00	\$2,575.00	\$2,575.00	\$500.00	\$500.00	\$2,090.00	\$2,090.00
30	FOOTING FOR CONCRETE PIPE APRON, 36"	2 EACH	\$2,250.00	\$4,500.00	\$3,075.00	\$6,150.00	\$600.00	\$1,200.00	\$2,705.00	\$5,410.00
31	FOOTING FOR CONCRETE PIPE APRON, 48"	1 EACH	\$2,500.00	\$2,500.00	\$3,417.00	\$3,417.00	\$800.00	\$800.00	\$3,040.00	\$3,040.00
32	SUBDRAIN, 4"	200 LF	\$125.00	\$25,000.00	\$32.54	\$6,508.00	\$36.00	\$7,200.00	\$13.00	\$2,600.00
33	SUBDRAIN, 6"	200 LF	\$150.00	\$30,000.00	\$36.05	\$7,210.00	\$37.00	\$7,400.00	\$14.00	\$2,800.00
34	SUBDRAIN, 8"	378 LF	\$175.00	\$66,150.00	\$55.65	\$21,035.70	\$43.00	\$16,254.00	\$17.00	\$6,426.00
35	SUBDRAIN CLEANOUT, TYPE A-1, 8"	3 EACH	\$750.00	\$2,250.00	\$618.00	\$1,854.00	\$1,100.00	\$3,300.00	\$520.00	\$1,560.00
36	SUBDRAIN OUTLETS AND CONNECTIONS, CMP, 8"	9 EACH	\$750.00	\$6,750.00	\$772.00	\$6,948.00	\$350.00	\$3,150.00	\$470.00	\$4,230.00
37	MANHOLE, SW-301, 48"	3 EACH	\$5,500.00	\$16,500.00	\$3,340.00	\$10,020.00	\$18,000.00	\$54,000.00	\$7,580.00	\$22,740.00
38	MANHOLE, SW-401, 48"	9 EACH	\$5,000.00	\$45,000.00	\$2,772.00	\$24,948.00	\$8,000.00	\$72,000.00	\$6,320.00	\$56,880.00
39	MANHOLE, SW-401, 60"	4 EACH	\$6,000.00	\$24,000.00	\$8,304.00	\$33,216.00	\$12,700.00	\$50,800.00	\$9,240.00	\$36,960.00
40	MANHOLE, SW-402	1 EACH	\$10,000.00	\$10,000.00	\$12,257.00	\$12,257.00	\$14,600.00	\$14,600.00	\$20,780.00	\$20,780.00
41	NYOPLAST BASIN	1 EACH	\$3,500.00	\$3,500.00	\$8,652.00	\$8,652.00	\$2,700.00	\$2,700.00	\$8,470.00	\$8,470.00
42	INTAKE, SW-501	4 EACH	\$5,000.00	\$20,000.00	\$5,793.00	\$23,172.00	\$2,800.00	\$11,200.00	\$9,360.00	\$37,440.00

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
43	INTAKE, SW-505	1 EACH	\$7,500.00	\$7,500.00	\$8,000.00	\$8,000.00	\$6,800.00	\$6,800.00	\$10,680.00	\$10,680.00
44	INTAKE, SW-509	3 EACH	\$12,500.00	\$37,500.00	\$12,200.00	\$36,600.00	\$7,400.00	\$22,200.00	\$17,000.00	\$51,000.00
45	INTAKE, SW-541	2 EACH	\$12,500.00	\$25,000.00	\$13,250.00	\$26,500.00	\$8,000.00	\$16,000.00	\$15,710.00	\$31,420.00
46	MANHOLE ADJUSTMENT, MINOR	1 EACH	\$1,500.00	\$1,500.00	\$2,111.00	\$2,111.00	\$1,500.00	\$1,500.00	\$2,655.00	\$2,655.00
47	INTAKE ADJUSTMENT, MAJOR	2 EACH	\$3,000.00	\$6,000.00	\$10,300.00	\$20,600.00	\$10,000.00	\$20,000.00	\$3,720.00	\$7,440.00
48	REMOVE MANHOLE OR INTAKE	6 EACH	\$1,000.00	\$6,000.00	\$1,000.00	\$6,000.00	\$1,000.00	\$6,000.00	\$4,080.00	\$24,480.00
49	PCC PAVEMENT, 6"	420 SY	\$70.00	\$29,400.00	\$113.00	\$47,460.00	\$84.00	\$35,280.00	\$75.00	\$31,500.00
50	CURB AND GUTTER, 2 FT, 7"	263 LF	\$40.00	\$10,520.00	\$55.00	\$14,465.00	\$65.00	\$17,095.00	\$45.00	\$11,835.00
51	HMA SURFACE COURSE, ST, PG 58-28H (1/2" MIX)	570 TON	\$130.00	\$74,100.00	\$90.00	\$51,300.00	\$93.00	\$53,010.00	\$96.00	\$54,720.00
52	REMOVAL OF SIDEWALK	53 SY	\$15.00	\$795.00	\$77.00	\$4,081.00	\$18.00	\$954.00	\$58.00	\$3,074.00
53	REMOVAL OF DRIVEWAY	241 SY	\$15.00	\$3,615.00	\$11.00	\$2,651.00	\$18.00	\$4,338.00	\$38.00	\$9,158.00
54	REMOVAL OF CURB	263 LF	\$15.00	\$3,945.00	\$15.00	\$3,945.00	\$15.00	\$3,945.00	\$34.00	\$8,942.00
55	SIDEWALK, PCC, 5 IN. THICK	204 SY	\$65.00	\$13,260.00	\$77.00	\$15,708.00	\$80.00	\$16,320.00	\$74.00	\$15,096.00
56	SIDEWALK, PCC, 6 IN. THICK	20 SY	\$70.00	\$1,400.00	\$87.00	\$1,740.00	\$85.00	\$1,700.00	\$97.00	\$1,940.00
57	DETECTABLE WARNING	28 SF	\$50.00	\$1,400.00	\$56.65	\$1,586.20	\$65.00	\$1,820.00	\$66.00	\$1,848.00
58	DRIVEWAY, PAVED, PCC, 6 IN.	241 SY	\$70.00	\$16,870.00	\$93.00	\$22,413.00	\$85.00	\$20,485.00	\$74.00	\$17,834.00
59	DRIVEWAY, GRANULAR	705 TON	\$40.00	\$28,200.00	\$30.00	\$21,150.00	\$43.00	\$30,315.00	\$45.00	\$31,725.00
60	FULL DEPTH PATCH, PCC	247 SY	\$125.00	\$30,875.00	\$164.00	\$40,508.00	\$95.00	\$23,465.00	\$110.00	\$27,170.00
61	PAVEMENT MILLING	4871 SY	\$5.00	\$24,355.00	\$2.99	\$14,564.29	\$3.00	\$14,613.00	\$3.20	\$15,587.20
62	PAVEMENT REMOVAL	667 SY	\$15.00	\$10,005.00	\$15.00	\$10,005.00	\$20.00	\$13,340.00	\$34.00	\$22,678.00
63	TEMPORARY TRAFFIC CONTROL	1 LS	\$40,000.00	\$40,000.00	\$18,000.00	\$18,000.00	\$16,000.00	\$16,000.00	\$23,000.00	\$23,000.00
64	CONVENTIONAL SEEDING, TYPE 1	1.1 AC	\$5,000.00	\$5,500.00	\$4,037.00	\$4,440.70	\$4,200.00	\$4,620.00	\$4,270.00	\$4,697.00
65	CONVENTIONAL SEEDING, TYPE 2	2.19 AC	\$4,000.00	\$8,760.00	\$3,584.00	\$7,848.96	\$3,700.00	\$8,103.00	\$3,765.00	\$8,245.35
66	SOD	321 SQ	\$80.00	\$25,680.00	\$92.00	\$29,532.00	\$84.00	\$26,964.00	\$88.00	\$28,248.00
67	FILTER SOCK, 9 INCH DIA.	800 LF	\$4.00	\$3,200.00	\$1.50	\$1,200.00	\$2.00	\$1,600.00	\$2.00	\$1,600.00
68	FILTER SOCK, REMOVAL	800 LF	\$1.00	\$800.00	\$0.26	\$208.00	\$1.00	\$800.00	\$0.30	\$240.00
69	TEMPORARY RECP, TYPE 1	4586 SY	\$3.00	\$13,758.00	\$1.85	\$8,484.10	\$2.00	\$9,172.00	\$2.20	\$10,089.20
70	RIP RAP, TYPE D	2543 TONS	\$75.00	\$190,725.00	\$66.00	\$167,838.00	\$85.00	\$216,155.00	\$86.00	\$218,698.00
71	EROSION CONTROL MULCHING, HYDROMULCHING	1.1 ACRE	\$3,500.00	\$3,850.00	\$1,751.00	\$1,926.10	\$1,800.00	\$1,980.00	\$1,800.00	\$1,980.00
72	INLET PROTECTION DEVICE	7 EACH	\$250.00	\$1,750.00	\$180.00	\$1,260.00	\$200.00	\$1,400.00	\$190.00	\$1,330.00
73	STABILIZED CONSTRUCTION ENTRANCE	675 TON	\$45.00	\$30,375.00	\$48.00	\$32,400.00	\$50.00	\$33,750.00	\$41.00	\$27,675.00
74	CHAIN LINK FENCE, BLACK PVC-COATED, 42"	100 LF	\$40.00	\$4,000.00	\$37.00	\$3,700.00	\$50.00	\$5,000.00	\$40.00	\$4,000.00
75	CHAIN LINK FENCE, 60"	60 LF	\$45.00	\$2,700.00	\$35.00	\$2,100.00	\$60.00	\$3,600.00	\$38.00	\$2,280.00
76	WOOD PRIVACY FENCE, 6-FT	175 LF	\$60.00	\$10,500.00	\$42.00	\$7,350.00	\$100.00	\$17,500.00	\$45.00	\$7,875.00
77	GATE, WOOD PRIVACY FENCE, 6-FT	3 EACH	\$500.00	\$1,500.00	\$669.00	\$2,007.00	\$700.00	\$2,100.00	\$710.00	\$2,130.00
78	REMOVAL AND REINSTALLATION OF EXISTING FENCE, CHAIN-LINK, 48"	166 LF	\$30.00	\$4,980.00	\$26.00	\$4,316.00	\$40.00	\$6,640.00	\$28.00	\$4,648.00
79	REMOVAL AND REINSTALLATION OF EXISTING FENCE, WOOD, 6'	31 LF	\$50.00	\$1,550.00	\$50.00	\$1,550.00	\$70.00	\$2,170.00	\$54.00	\$1,674.00
80	REMOVAL OF FENCE	335 LF	\$15.00	\$5,025.00	\$4.80	\$1,608.00	\$20.00	\$6,700.00	\$5.00	\$1,675.00
81	LANDSCAPE TIMBERS	60 SF	\$40.00	\$2,400.00	\$51.00	\$3,060.00	\$53.00	\$3,180.00	\$55.00	\$3,300.00
82	MOBILIZATION	1 LS	\$119,442.00	\$119,442.00	\$121,200.00	\$121,200.00	\$241,000.00	\$241,000.00	\$130,000.28	\$130,000.28
83	MAINTENANCE OF POSTAL SERVICE	1 LS	\$2,500.00	\$2,500.00	\$2,575.00	\$2,575.00	\$3,000.00	\$3,000.00	\$4,250.00	\$4,250.00
84	MAINTENANCE OF SOLID WASTE COLLECTION	1 LS	\$2,500.00	\$2,500.00	\$2,575.00	\$2,575.00	\$3,000.00	\$3,000.00	\$5,315.00	\$5,315.00
85	TREE PROTECTION FENCE	750 LF	\$5.00	\$3,750.00	\$6.00	\$4,500.00	\$4.00	\$3,000.00	\$4.00	\$3,000.00
86	LAWN IRRIGATION ADJUSTMENT, ALLOWANCE	1 LS	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
87	SALVAGE AND REINSTALL RIVER ROCK BED	58 SY	\$25.00	\$1,450.00	\$25.00	\$1,450.00	\$20.00	\$1,160.00	\$27.00	\$1,566.00
88	CONNECT SUMP LINE TO SUBDRAIN	12 EACH	\$750.00	\$9,000.00	\$750.00	\$9,000.00	\$1,000.00	\$12,000.00	\$490.00	\$5,880.00
89	GROUT FOR RIP RAP	30 CY	\$300.00	\$9,000.00	\$257.00	\$7,710.00	\$300.00	\$9,000.00	\$215.00	\$6,450.00
90	IMPORTED GRANULAR BACKFILL	450 TON	\$40.00	\$18,000.00	\$37.00	\$16,650.00	\$45.00	\$20,250.00	\$45.00	\$20,250.00
91	STEEL BEAM GUARDRAIL	26 LF	\$125.00	\$3,250.00	\$158.00	\$4,108.00	\$150.00	\$3,900.00	\$82.00	\$2,132.00
92	REMOVAL OF GUARDRAIL	26 LF	\$50.00	\$1,300.00	\$46.00	\$1,196.00	\$50.00	\$1,300.00	\$22.00	\$572.00
TOTAL CONSTRUCTION COST				\$1,750,000.00		\$1,903,205.85		\$1,991,489.00		\$2,106,800.00
PERCENT OF ENGINEER'S ESTIMATE						+8.75%		+13.80%		+20.39%

TABULATED BY: L.A. Vaughan APPROVED BY _____

CHECKED BY: _____

CONTRACTOR'S BID TABULATION

PROJECT: 2021 SEWER REPAIR CONTRACT 1

ESTIMATE

S.M. Hentges & Sons
Jordan, MN

BID SECURITY
10% Bid Bond

BID PRICE

Synergy Contracting, LLC
Altoona, IA

BID SECURITY
10% Bid Bond

BID PRICE

Jenco
Construction, Inc.

BID SECURITY
10% Bid Bond

BID PRICE

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	CLEARING AND GRUBBING	2.46 AC	\$15,000.00	\$36,900.00	\$26,122.20	\$64,260.61	\$42,000.00	\$103,320.00		
2	TOPSOIL, OFF-SITE	1323 CY	\$35.00	\$46,305.00	\$36.00	\$47,628.00	\$56.00	\$74,088.00		
3	EXCAVATION, CLASS 10	8219 CY	\$25.00	\$205,475.00	\$34.00	\$279,446.00	\$42.00	\$345,198.00		
4	SUBGRADE PREPARATION, 12 IN.	251 SY	\$5.00	\$1,255.00	\$12.00	\$3,012.00	\$14.00	\$3,514.00		
5	SUBGRADE TREATMENT, GEOGRID, TYPE 2	193 SY	\$5.00	\$965.00	\$5.00	\$965.00	\$14.00	\$2,702.00		
6	SUBBASE, MODIFIED	299 TON	\$40.00	\$11,960.00	\$40.00	\$11,960.00	\$63.00	\$18,837.00		
7	SANITARY SEWER GRAVITY MAIN, TRENCHED, SOLID WALL PVC, 8"	200 LF	\$100.00	\$20,000.00	\$110.00	\$22,000.00	\$252.00	\$50,400.00		
8	SANITARY SEWER GRAVITY MAIN, TRENCHED, SOLID WALL PVC, 10"	20 LF	\$175.00	\$3,500.00	\$166.00	\$3,320.00	\$343.00	\$6,860.00		
9	SANITARY SEWER GRAVITY MAIN, TRENCHED, SOLID WALL PVC, 12"	19 LF	\$250.00	\$4,750.00	\$185.00	\$3,515.00	\$350.00	\$6,650.00		
10	REMOVAL OF SANITARY SEWER	78 LF	\$30.00	\$2,340.00	\$64.00	\$4,992.00	\$42.00	\$3,276.00		
11	STORM SEWER, TRENCHED, PVC, 16"	88 LF	\$150.00	\$13,200.00	\$225.00	\$19,800.00	\$322.00	\$28,336.00		
12	STORM SEWER, TRENCHED, HDPE, 12"	118 LF	\$125.00	\$14,750.00	\$187.00	\$22,066.00	\$238.00	\$28,084.00		
13	STORM SEWER, TRENCHED, HDPE, 15"	420 LF	\$150.00	\$63,000.00	\$185.00	\$77,700.00	\$245.00	\$102,900.00		
14	STORM SEWER, TRENCHED, HDPE, 18"	251 LF	\$175.00	\$43,925.00	\$149.00	\$37,399.00	\$252.00	\$63,252.00		
15	STORM SEWER, TRENCHED, RCP, 15"	33 LF	\$175.00	\$5,775.00	\$143.00	\$4,719.00	\$252.00	\$8,316.00		
16	STORM SEWER, TRENCHED, RCP, 18"	244 LF	\$200.00	\$48,800.00	\$212.00	\$51,728.00	\$259.00	\$63,196.00		
17	STORM SEWER, TRENCHED, RCP, 24"	15 LF	\$225.00	\$3,375.00	\$110.00	\$1,650.00	\$280.00	\$4,200.00		
18	STORM SEWER, TRENCHED, RCP, 36"	207 LF	\$250.00	\$51,750.00	\$233.00	\$48,231.00	\$336.00	\$69,552.00		
19	STORM SEWER, TRENCHED, RCP, 48"	32 LF	\$275.00	\$8,800.00	\$590.00	\$18,880.00	\$420.00	\$13,440.00		
20	REMOVAL OF STORM SEWER <30" DIAMETER	377 LF	\$20.00	\$7,540.00	\$63.00	\$23,751.00	\$42.00	\$15,834.00		
21	PIPE APRON, RCP, 15"	1 EACH	\$2,500.00	\$2,500.00	\$2,100.00	\$2,100.00	\$2,590.00	\$2,590.00		
22	PIPE APRON, RCP, 18"	2 EACH	\$2,750.00	\$5,500.00	\$2,000.00	\$4,000.00	\$2,730.00	\$5,460.00		
23	PIPR APRON, RCP, 24"	1 EACH	\$3,000.00	\$3,000.00	\$2,650.00	\$2,650.00	\$3,220.00	\$3,220.00		
24	PIPR APRON, RCP, 36"	2 EACH	\$3,250.00	\$6,500.00	\$3,800.00	\$7,600.00	\$4,410.00	\$8,820.00		
25	PIPE APRON, RCP, 48"	1 EACH	\$3,500.00	\$3,500.00	\$5,275.00	\$5,275.00	\$5,530.00	\$5,530.00		
26	REMOVAL OF PIPE APRON	2 EACH	\$1,000.00	\$2,000.00	\$376.00	\$752.00	\$700.00	\$1,400.00		
27	FOOTING FOR CONCRETE PIPE APRON, 15"	1 EACH	\$1,500.00	\$1,500.00	\$5,000.00	\$5,000.00	\$1,120.00	\$1,120.00		
28	FOOTING FOR CONCRETE PIPE APRON, 18"	2 EACH	\$1,750.00	\$3,500.00	\$5,100.00	\$10,200.00	\$1,120.00	\$2,240.00		
29	FOOTING FOR CONCRETE PIPE APRON, 24"	1 EACH	\$2,000.00	\$2,000.00	\$5,300.00	\$5,300.00	\$1,610.00	\$1,610.00		
30	FOOTING FOR CONCRETE PIPE APRON, 36"	2 EACH	\$2,250.00	\$4,500.00	\$5,700.00	\$11,400.00	\$2,240.00	\$4,480.00		
31	FOOTING FOR CONCRETE PIPE APRON, 48"	1 EACH	\$2,500.00	\$2,500.00	\$6,400.00	\$6,400.00	\$2,800.00	\$2,800.00		
32	SUBDRAIN, 4"	200 LF	\$125.00	\$25,000.00	\$36.00	\$7,200.00	\$16.00	\$3,200.00		
33	SUBDRAIN, 6"	200 LF	\$150.00	\$30,000.00	\$31.00	\$6,200.00	\$18.00	\$3,600.00		
34	SUBDRAIN, 8"	378 LF	\$175.00	\$66,150.00	\$64.00	\$24,192.00	\$22.00	\$8,316.00		
35	SUBDRAIN CLEANOUT, TYPE A-1, 8"	3 EACH	\$750.00	\$2,250.00	\$2,250.00	\$6,750.00	\$700.00	\$2,100.00		
36	SUBDRAIN OUTLETS AND CONNECTIONS, CMP, 8"	9 EACH	\$750.00	\$6,750.00	\$495.00	\$4,455.00	\$630.00	\$5,670.00		
37	MANHOLE, SW-301, 48"	3 EACH	\$5,500.00	\$16,500.00	\$7,300.00	\$21,900.00	\$5,600.00	\$16,800.00		
38	MANHOLE, SW-401, 48"	9 EACH	\$5,000.00	\$45,000.00	\$4,410.00	\$39,690.00	\$4,480.00	\$40,320.00		
39	MANHOLE, SW-401, 60"	4 EACH	\$6,000.00	\$24,000.00	\$14,400.00	\$57,600.00	\$11,795.00	\$47,180.00		
40	MANHOLE, SW-402	1 EACH	\$10,000.00	\$10,000.00	\$19,900.00	\$19,900.00	\$14,455.00	\$14,455.00		
41	NYOPLAST BASIN	1 EACH	\$3,500.00	\$3,500.00	\$3,200.00	\$3,200.00	\$8,820.00	\$8,820.00		
42	INTAKE, SW-501	4 EACH	\$5,000.00	\$20,000.00	\$10,800.00	\$43,200.00	\$4,865.00	\$19,460.00		

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ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
43	INTAKE, SW-505	1 EACH	\$7,500.00	\$7,500.00	\$20,800.00	\$20,800.00	\$6,930.00	\$6,930.00		
44	INTAKE, SW-509	3 EACH	\$12,500.00	\$37,500.00	\$19,700.00	\$59,100.00	\$14,371.00	\$43,113.00		
45	INTAKE, SW-541	2 EACH	\$12,500.00	\$25,000.00	\$19,700.00	\$39,400.00	\$17,871.00	\$35,742.00		
46	MANHOLE ADJUSTMENT, MINOR	1 EACH	\$1,500.00	\$1,500.00	\$1,700.00	\$1,700.00	\$2,800.00	\$2,800.00		
47	INTAKE ADJUSTMENT, MAJOR	2 EACH	\$3,000.00	\$6,000.00	\$5,700.00	\$11,400.00	\$3,500.00	\$7,000.00		
48	REMOVE MANHOLE OR INTAKE	6 EACH	\$1,000.00	\$6,000.00	\$490.00	\$2,940.00	\$700.00	\$4,200.00		
49	PCC PAVEMENT, 6"	420 SY	\$70.00	\$29,400.00	\$61.00	\$25,620.00	\$140.00	\$58,800.00		
50	CURB AND GUTTER, 2 FT, 7"	263 LF	\$40.00	\$10,520.00	\$36.00	\$9,468.00	\$63.00	\$16,569.00		
51	HMA SURFACE COURSE, ST, PG 58-28H (1/2" MIX)	570 TON	\$130.00	\$74,100.00	\$90.00	\$51,300.00	\$126.00	\$71,820.00		
52	REMOVAL OF SIDEWALK	53 SY	\$15.00	\$795.00	\$24.00	\$1,272.00	\$28.00	\$1,484.00		
53	REMOVAL OF DRIVEWAY	241 SY	\$15.00	\$3,615.00	\$26.00	\$6,266.00	\$28.00	\$6,748.00		
54	REMOVAL OF CURB	263 LF	\$15.00	\$3,945.00	\$18.00	\$4,734.00	\$42.00	\$11,046.00		
55	SIDEWALK, PCC, 5 IN. THICK	204 SY	\$65.00	\$13,260.00	\$56.00	\$11,424.00	\$140.00	\$28,560.00		
56	SIDEWALK, PCC, 6 IN. THICK	20 SY	\$70.00	\$1,400.00	\$100.00	\$2,000.00	\$140.00	\$2,800.00		
57	DETECTABLE WARNING	28 SF	\$50.00	\$1,400.00	\$52.00	\$1,456.00	\$84.00	\$2,352.00		
58	DRIVEWAY, PAVED, PCC, 6 IN.	241 SY	\$70.00	\$16,870.00	\$57.00	\$13,737.00	\$140.00	\$33,740.00		
59	DRIVEWAY, GRANULAR	705 TON	\$40.00	\$28,200.00	\$43.00	\$30,315.00	\$49.00	\$34,545.00		
60	FULL DEPTH PATCH, PCC	247 SY	\$125.00	\$30,875.00	\$97.00	\$23,959.00	\$210.00	\$51,870.00		
61	PAVEMENT MILLING	4871 SY	\$5.00	\$24,355.00	\$3.00	\$14,613.00	\$7.00	\$34,097.00		
62	PAVEMENT REMOVAL	667 SY	\$15.00	\$10,005.00	\$19.00	\$12,673.00	\$21.00	\$14,007.00		
63	TEMPORARY TRAFFIC CONTROL	1 LS	\$40,000.00	\$40,000.00	\$20,200.00	\$20,200.00	\$19,600.00	\$19,600.00		
64	CONVENTIONAL SEEDING, TYPE 1	1.1 AC	\$5,000.00	\$5,500.00	\$4,000.00	\$4,400.00	\$5,488.07	\$6,036.88		
65	CONVENTIONAL SEEDING, TYPE 2	2.19 AC	\$4,000.00	\$8,760.00	\$3,550.00	\$7,774.50	\$4,872.20	\$10,670.12		
66	SOD	321 SQ	\$80.00	\$25,680.00	\$82.00	\$26,322.00	\$140.00	\$44,940.00		
67	FILTER SOCK, 9 INCH DIA.	800 LF	\$4.00	\$3,200.00	\$1.50	\$1,200.00	\$2.00	\$1,600.00		
68	FILTER SOCK, REMOVAL	800 LF	\$1.00	\$800.00	\$0.26	\$208.00	\$1.00	\$800.00		
69	TEMPORARY RECP, TYPE 1	4586 SY	\$3.00	\$13,758.00	\$1.85	\$8,484.10	\$2.00	\$9,172.00		
70	RIP RAP, TYPE D	2543 TONS	\$75.00	\$190,725.00	\$97.00	\$246,671.00	\$91.00	\$231,413.00		
71	EROSION CONTROL MULCHING, HYDROMULCHING	1.1 ACRE	\$3,500.00	\$3,850.00	\$1,730.00	\$1,903.00	\$2,380.00	\$2,618.00		
72	INLET PROTECTION DEVICE	7 EACH	\$250.00	\$1,750.00	\$179.00	\$1,253.00	\$245.00	\$1,715.00		
73	STABILIZED CONSTRUCTION ENTRANCE	675 TON	\$45.00	\$30,375.00	\$43.00	\$29,025.00	\$70.00	\$47,250.00		
74	CHAIN LINK FENCE, BLACK PVC-COATED, 42"	100 LF	\$40.00	\$4,000.00	\$37.00	\$3,700.00	\$56.00	\$5,600.00		
75	CHAIN LINK FENCE, 60"	60 LF	\$45.00	\$2,700.00	\$35.00	\$2,100.00	\$49.00	\$2,940.00		
76	WOOD PRIVACY FENCE, 6-FT	175 LF	\$60.00	\$10,500.00	\$42.00	\$7,350.00	\$56.00	\$9,800.00		
77	GATE, WOOD PRIVACY FENCE, 6-FT	3 EACH	\$500.00	\$1,500.00	\$664.00	\$1,992.00	\$910.00	\$2,730.00		
78	REMOVAL AND REINSTALLATION OF EXISTING FENCE, CHAIN-LINK, 48"	166 LF	\$30.00	\$4,980.00	\$26.00	\$4,316.00	\$35.00	\$5,810.00		
79	REMOVAL AND REINSTALLATION OF EXISTING FENCE, WOOD, 6'	31 LF	\$50.00	\$1,550.00	\$50.00	\$1,550.00	\$70.00	\$2,170.00		
80	REMOVAL OF FENCE	335 LF	\$15.00	\$5,025.00	\$5.00	\$1,675.00	\$7.00	\$2,345.00		
81	LANDSCAPE TIMBERS	60 SF	\$40.00	\$2,400.00	\$45.00	\$2,700.00	\$70.00	\$4,200.00		
82	MOBILIZATION	1 LS	\$119,442.00	\$119,442.00	\$310,000.00	\$310,000.00	\$132,750.00	\$132,750.00		
83	MAINTENANCE OF POSTAL SERVICE	1 LS	\$2,500.00	\$2,500.00	\$2,550.00	\$2,550.00	\$7,000.00	\$7,000.00		
84	MAINTENANCE OF SOLID WASTE COLLECTION	1 LS	\$2,500.00	\$2,500.00	\$2,550.00	\$2,550.00	\$7,000.00	\$7,000.00		
85	TREE PROTECTION FENCE	750 LF	\$5.00	\$3,750.00	\$7.00	\$5,250.00	\$5.00	\$3,750.00		
86	LAWN IRRIGATION ADJUSTMENT, ALLOWANCE	1 LS	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00		
87	SALVAGE AND REINSTALL RIVER ROCK BED	58 SY	\$25.00	\$1,450.00	\$33.00	\$1,914.00	\$28.00	\$1,624.00		
88	CONNECT SUMP LINE TO SUBDRAIN	12 EACH	\$750.00	\$9,000.00	\$522.00	\$6,264.00	\$1,820.00	\$21,840.00		
89	GROUT FOR RIP RAP	30 CY	\$300.00	\$9,000.00	\$1,000.00	\$30,000.00	\$420.00	\$12,600.00		
90	IMPORTED GRANULAR BACKFILL	450 TON	\$40.00	\$18,000.00	\$49.00	\$22,050.00	\$35.00	\$15,750.00		
91	STEEL BEAM GUARDRAIL	26 LF	\$125.00	\$3,250.00	\$100.00	\$2,600.00	\$140.00	\$3,640.00		
92	REMOVAL OF GUARDRAIL	26 LF	\$50.00	\$1,300.00	\$10.00	\$260.00	\$14.00	\$364.00		
TOTAL CONSTRUCTION COST				\$1,750,000.00		\$2,152,425.21		\$2,317,097.00		
PERCENT OF ENGINEER'S ESTIMATE						+23.00%		+32.41%		