

DATE February 5, 2018

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT  
DOCUMENTS, AND ENGINEER'S ESTIMATE ON  
43RD STREET AND CROCKER STREET SEWER SEPARATION;  
RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE  
BIDDER AS J & K CONTRACTING, LLC, JEREMY FELDMANN, PRESIDENT, \$884,202.78

WHEREAS, on January 8, 2018, under Roll Call No. 18-0015, 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:

43rd Street and Crocker Street Sewer Separation, 07-2018-004

The improvement includes Reinforced Concrete Pipe (RCP) storm sewer 18-inches to 42-inches, manholes, intakes, pavement removal and scarification, Portland Cement Concrete (PCC) curb and gutter, Hot Mix Asphalt (HMA) overlay and full-depth paving, sidewalks, driveways, associated grading, surface restoration, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 589-001/046, located along Crocker Street from Chamberlain Avenue to 42nd Street, Chamberlain Avenue from Crocker Street to 200 feet east, and 43rd Street at Crocker 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:

★ **Roll Call Number**

**Agenda Item Number**

49

DATE February 5, 2018

J & K Contracting, LLC	Ames, IA
Synergy Contracting, LLC	Bondurant, IA
Jasper Construction Services, Inc.	Newton, IA
MPS Engineers, P.C. dba Kingston Services, P.C.	Des Moines, IA
Rognes Corp. dba Rognes Corporation	Ankeny, IA
Hawkeye Paving Corporation	Bettendorf, IA
Elder Corporation	Des Moines, IA
Raccoon Valley Contractors, LLC.	Waukee, IA

which were received and opened at a public meeting presided over by the Engineer in the Shijiazhuang Room, 2nd Floor, City Administration Building, 400 E. Court Avenue, Des Moines, Iowa at 11:00 a.m. on January 23, 2018. 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 J & K Contracting, LLC, Jeremy Feldmann, President, 1307 East Lincoln Way, Ames, IA, 50010-1790 in the amount of \$884,202.78, 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.

★ **Roll Call Number**

**Agenda Item Number**

49

DATE February 5, 2018

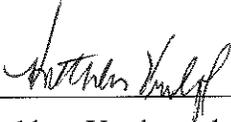
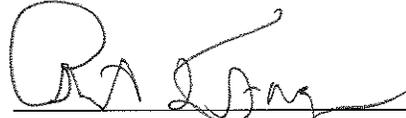
BE IT FURTHER RESOLVED: That the City Council hereby authorizes the necessary road closures for the Project.

(City Council Communication Number 18-056 attached.)

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

FORM APPROVED:

FUNDS AVAILABLE

Kathleen Vanderpool  
Deputy City Attorney

Robert L. Fagen  
Des Moines Finance Director

*AC* Funding Source: 2017-18/2022-23 CIP, Page Sanitary - 13, Western Ingersoll Run Storm Sewer Separation, SS139, Being: \$442,101.39 Sanitary Sewer Operating Funds, and \$442,101.39 Stormwater Operating 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: B. Lewis APPROVED BY: R. De Groot  
CHECKED BY: Ala Ann Vaughan

**CONTRACTOR'S BID TABULATION**  
PROJECT: 43RD STREET & CROCKER STREET SEWER SEPARATION

-----ESTIMATE-----

J&K Contracting, LLC Ames, Iowa	Synergy Contracting, LLC Bondurant, Iowa	Jasper Construction Services, Inc. Newton, Iowa
BID SECURITY \$110,400 Bond Amount	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	TRAFFIC CONTROL	1 LS	\$10,000.00	\$10,000.00	\$11,000.00	\$11,000.00	\$10,320.00	\$10,320.00	\$18,500.00	\$18,500.00
2	CLEARING AND GRUBBING	22 UNIT	\$350.00	\$7,700.00	\$440.00	\$9,680.00	\$240.00	\$5,280.00	\$350.00	\$7,700.00
3	TOPSOIL, ON-SITE	300 CY	\$15.00	\$4,500.00	\$27.00	\$8,100.00	\$30.00	\$9,000.00	\$25.00	\$7,500.00
4	EXCAVATION, CLASS 13	1300 CY	\$15.00	\$19,500.00	\$16.00	\$20,800.00	\$18.00	\$23,400.00	\$15.00	\$19,500.00
5	SUBGRADE PREPARATION	3938 SY	\$4.00	\$15,752.00	\$4.00	\$15,752.00	\$5.00	\$19,690.00	\$4.00	\$15,752.00
6	SUBBASE, MODIFIED	3938 SY	\$10.00	\$39,380.00	\$12.50	\$49,225.00	\$13.00	\$51,194.00	\$11.50	\$45,287.00
7	GRANULAR BACKFILL	800 TON	\$50.00	\$40,000.00	\$35.00	\$28,000.00	\$30.00	\$24,000.00	\$45.00	\$36,000.00
8	SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC, 15 IN.	20 LF	\$200.00	\$4,000.00	\$420.00	\$8,400.00	\$315.00	\$6,300.00	\$420.00	\$8,400.00
9	SANITARY SEWER SERVICE RELOCATION	2 EA	\$2,500.00	\$5,000.00	\$4,500.00	\$9,000.00	\$4,200.00	\$8,400.00	\$4,500.00	\$9,000.00
10	REMOVAL OF SANITARY SEWER, 15 IN.	20 LF	\$20.00	\$400.00	\$30.00	\$600.00	\$28.00	\$560.00	\$30.00	\$600.00
11	STORM SEWER, TRENCHED, RCP, 18 IN.	156 LF	\$90.00	\$14,040.00	\$72.00	\$11,232.00	\$98.00	\$15,288.00	\$72.00	\$11,232.00
12	STORM SEWER, TRENCHED, RCP, 36 IN.	114 LF	\$175.00	\$19,950.00	\$142.02	\$16,190.28	\$196.00	\$22,344.00	\$143.00	\$16,302.00
13	STORM SEWER, TRENCHED, RCP, 42 IN.	380 LF	\$250.00	\$95,000.00	\$220.00	\$83,600.00	\$259.00	\$98,420.00	\$220.00	\$83,600.00
14	STORM SEWER, TRENCHLESS, RCP, 42 IN.	129 LF	\$1,300.00	\$167,700.00	\$1,102.00	\$142,158.00	\$364.00	\$46,956.00	\$1,109.00	\$143,061.00
15	REMOVAL OF STORM SEWER, LESS THAN 36 IN.	40 LF	\$30.00	\$1,200.00	\$30.00	\$1,200.00	\$28.00	\$1,120.00	\$30.00	\$1,200.00
16	SUBDRAIN, HDPE, 6 IN.	1045 LF	\$18.00	\$18,810.00	\$16.00	\$16,720.00	\$25.20	\$26,334.00	\$25.00	\$26,125.00
17	SUBDRAIN CLEANOUT, PVC RISER, 6 IN.	4 EA	\$500.00	\$2,000.00	\$480.00	\$1,920.00	\$630.00	\$2,520.00	\$750.00	\$3,000.00
18	SUBDRAIN OUTLETS AND CONNECTIONS, CMP, 6 IN.	10 EA	\$750.00	\$7,500.00	\$430.00	\$4,300.00	\$700.00	\$7,000.00	\$200.00	\$2,000.00
19	VALVE BOX EXTENSION	4 EA	\$750.00	\$3,000.00	\$360.00	\$1,440.00	\$280.00	\$1,120.00	\$360.00	\$1,440.00
20	MANHOLE, SW-401, 48 IN.	1 EA	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,620.00	\$4,620.00	\$4,000.00	\$4,000.00
21	MANHOLE, SW-404	2 EA	\$9,000.00	\$18,000.00	\$18,000.00	\$36,000.00	\$23,100.00	\$46,200.00	\$18,000.00	\$36,000.00
22	INTAKE, SW-502, 84 IN.	3 EA	\$10,000.00	\$30,000.00	\$11,000.00	\$33,000.00	\$14,000.00	\$42,000.00	\$11,000.00	\$33,000.00
23	INTAKE, SW-505	1 EA	\$4,000.00	\$4,000.00	\$6,560.00	\$6,560.00	\$7,000.00	\$7,000.00	\$6,560.00	\$6,560.00
24	INTAKE, SW-506	3 EA	\$6,000.00	\$18,000.00	\$8,362.00	\$25,086.00	\$8,120.00	\$24,360.00	\$8,362.00	\$25,086.00
25	MANHOLE ADJUSTMENT, MINOR	4 EA	\$750.00	\$3,000.00	\$1,200.00	\$4,800.00	\$2,100.00	\$8,400.00	\$1,200.00	\$4,800.00
26	MANHOLE ADJUSTMENT, MAJOR	2 EA	\$1,500.00	\$3,000.00	\$3,000.00	\$6,000.00	\$3,500.00	\$7,000.00	\$3,100.00	\$6,200.00
27	CONNECTION TO EXISTING MANHOLE	1 EA	\$10,000.00	\$10,000.00	\$9,000.00	\$9,000.00	\$4,200.00	\$4,200.00	\$9,000.00	\$9,000.00
28	REMOVE MANHOLE	1 EA	\$750.00	\$750.00	\$1,800.00	\$1,800.00	\$420.00	\$420.00	\$1,800.00	\$1,800.00
29	REMOVE INTAKE	3 EA	\$750.00	\$2,250.00	\$700.00	\$2,100.00	\$280.00	\$840.00	\$700.00	\$2,100.00
30	CURB AND GUTTER, 2.5 FEET, PER PLAN	1405 LF	\$35.00	\$49,175.00	\$26.00	\$36,530.00	\$27.60	\$38,778.00	\$30.00	\$42,150.00
31	PAVEMENT, HMA, BASE COURSE, STANDARD TRAFFIC, 3/4 IN. MIX	522 TON	\$100.00	\$52,200.00	\$102.00	\$53,244.00	\$113.00	\$58,986.00	\$94.00	\$49,068.00
32	PAVEMENT, HMA INTERMEDIATE COURSE, STANDARD TRAFFIC, 1/2 IN.	270 TON	\$100.00	\$27,000.00	\$98.00	\$26,460.00	\$108.00	\$29,160.00	\$90.00	\$24,300.00
33	PAVEMENT, HMA SURFACE COURSE, STANDARD TRAFFIC, 1/2 IN. MIX, P	358 TON	\$110.00	\$39,380.00	\$101.00	\$36,158.00	\$110.00	\$39,380.00	\$93.00	\$33,294.00
34	REMOVAL OF SIDEWALK	377 SY	\$10.00	\$3,770.00	\$13.00	\$4,901.00	\$8.00	\$3,016.00	\$12.00	\$4,524.00
35	REMOVAL OF DRIVEWAY	128 SY	\$10.00	\$1,280.00	\$13.00	\$1,664.00	\$8.00	\$1,024.00	\$12.00	\$1,536.00
36	SIDEWALK, PCC, 5 IN.	484 SY	\$55.00	\$26,620.00	\$40.00	\$19,360.00	\$63.00	\$30,492.00	\$68.00	\$32,912.00
37	SIDEWALK, PCC, 6 IN.	42 SY	\$100.00	\$4,200.00	\$132.00	\$5,544.00	\$91.00	\$3,822.00	\$72.00	\$3,024.00
38	DETECTABLE WARNING	80 SF	\$40.00	\$3,200.00	\$49.00	\$3,920.00	\$63.00	\$5,040.00	\$45.00	\$3,600.00
39	DRIVEWAY, PAVED, PCC, 6 IN.	152 SY	\$55.00	\$8,360.00	\$64.00	\$9,728.00	\$91.00	\$13,832.00	\$72.00	\$10,944.00
40	MILLING	365.5 SY	\$5.00	\$1,827.50	\$8.00	\$2,924.00	\$9.00	\$3,289.50	\$7.00	\$2,558.50
41	PAVEMENT REMOVAL	3822 SY	\$10.00	\$38,220.00	\$11.00	\$42,042.00	\$8.00	\$30,576.00	\$10.00	\$38,220.00
42	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	6.1 STA	\$550.00	\$3,355.00	\$245.00	\$1,494.50	\$200.00	\$1,220.00	\$150.00	\$915.00
43	PERMANENT TAPE MARKINGS	1.16 STA	\$700.00	\$812.00	\$1,635.00	\$1,896.60	\$4,200.00	\$4,872.00	\$3,000.00	\$3,480.00

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ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
44	SYMBOLS AND LEGENDS, PERMANENT PREFORMED TAPE	2 EA	\$500.00	\$1,000.00	\$764.00	\$1,528.00	\$700.00	\$1,400.00	\$500.00	\$1,000.00
45	TEMPORARY DELINEATORS	5 EA	\$250.00	\$1,250.00	\$163.00	\$815.00	\$140.00	\$700.00	\$100.00	\$500.00
46	SYMBOLS AND LEGENDS REMOVED	2 EA	\$200.00	\$400.00	\$245.00	\$490.00	\$280.00	\$560.00	\$200.00	\$400.00
47	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING	0.5 AC	\$3,500.00	\$1,750.00	\$4,364.00	\$2,182.00	\$4,200.00	\$2,100.00	\$4,500.00	\$2,250.00
48	SOD	80 SQ	\$100.00	\$8,000.00	\$115.00	\$9,200.00	\$91.00	\$7,280.00	\$65.00	\$5,200.00
49	STORM WATER POLLUTION PREVENTION PLAN (SWPPP)	1 LS	\$2,000.00	\$2,000.00	\$3,818.00	\$3,818.00	\$3,500.00	\$3,500.00	\$1,800.00	\$1,800.00
50	FILTER SOCK, 9 IN.	1397 LF	\$3.50	\$4,889.50	\$1.60	\$2,235.20	\$1.00	\$1,397.00	\$0.50	\$698.50
51	FILTER SOCKS, REMOVAL	1397 LF	\$1.00	\$1,397.00	\$0.60	\$838.20	\$0.50	\$698.50	\$0.50	\$698.50
52	STABILIZED CONSTRUCTION ENTRANCE	335 SY	\$12.00	\$4,020.00	\$11.00	\$3,685.00	\$14.00	\$4,690.00	\$20.00	\$6,700.00
53	EROSION CONTROL MULCHING, HYDROMULCHING	0.5 AC	\$3,500.00	\$1,750.00	\$2,182.00	\$1,091.00	\$2,100.00	\$1,050.00	\$3,500.00	\$1,750.00
54	INLET PROTECTION DEVICE, DROP IN PROTECTION	10 EA	\$350.00	\$3,500.00	\$153.00	\$1,530.00	\$168.00	\$1,680.00	\$300.00	\$3,000.00
55	REMOVAL AND REINSTALLATION OF EXISTING FENCE, CHAIN LINK, 16 F	39 LF	\$250.00	\$9,750.00	\$92.00	\$3,588.00	\$250.00	\$9,750.00	\$84.00	\$3,276.00
56	REMOVAL AND REINSTALLATION OF EXISTING FENCE, CHAIN LINK, 6 FC	37 LF	\$200.00	\$7,400.00	\$54.00	\$1,998.00	\$200.00	\$7,400.00	\$49.00	\$1,813.00
57	MOBILIZATION	1 LS	\$100,642.00	\$100,642.00	\$21,293.00	\$21,293.00	\$53,500.00	\$53,500.00	\$109,260.00	\$109,260.00
58	MAINTENANCE OF POSTAL SERVICE	1 LS	\$1,500.00	\$1,500.00	\$5,000.00	\$5,000.00	\$7,000.00	\$7,000.00	\$2,725.00	\$2,725.00
59	MAINTENANCE OF SOLID WASTE COLLECTION	1 LS	\$1,500.00	\$1,500.00	\$1,800.00	\$1,800.00	\$7,000.00	\$7,000.00	\$2,725.00	\$2,725.00
60	CONCRETE WASHOUT	1 LS	\$2,000.00	\$2,000.00	\$1,050.00	\$1,050.00	\$3,500.00	\$3,500.00	\$2,000.00	\$2,000.00
61	SUBSURFACE UTILITY LOCATES	2 EACH	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$700.00	\$1,400.00	\$1,000.00	\$2,000.00
62	TREE PROTECTION FENCE	120 LF	\$6.00	\$720.00	\$6.00	\$720.00	\$7.00	\$840.00	\$5.00	\$600.00
63	TREE TRUNK PROTECTION	4 EA	\$350.00	\$1,400.00	\$328.00	\$1,312.00	\$140.00	\$560.00	\$300.00	\$1,200.00
64	TROLLEY TRACK REMOVAL	900 LF	\$17.00	\$15,300.00	\$5.00	\$4,500.00	\$14.00	\$12,600.00	\$5.00	\$4,500.00
TOTAL CONSTRUCTION COST				\$1,000,000.00		\$884,202.78		\$916,379.00		\$989,366.50
PERCENT OF ENGINEER'S ESTIMATE						-11.58%		-8.36%		-1.06%
						Low				

49

TABULATED BY: B. Lewis APPROVED BY \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_

MPS Engineers, P.C.  
dba Kingston Services, P.C.  
Des Moines, Iowa

Rognes Corporation  
Ankeny, Iowa

Hawkeye Paving Corporation  
Bettendorf, Iowa

**CONTRACTOR'S BID TABULATION**  
PROJECT: 43RD STREET & CROCKER STREET SEWER SEPARATION

BID SECURITY  
10% Bid Bond

BID SECURITY  
10% Bid Bond

BID SECURITY  
10% Bid Bond

BID PRICE

BID PRICE

BID PRICE

-----ESTIMATE-----

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT		
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	
1	TRAFFIC CONTROL	1	LS	\$10,000.00	\$10,000.00	\$34,000.00	\$34,000.00	\$8,600.00	\$8,600.00	\$25,000.00	\$25,000.00
2	CLEARING AND GRUBBING	22	UNIT	\$350.00	\$7,700.00	\$185.00	\$4,070.00	\$250.00	\$5,500.00	\$300.00	\$6,600.00
3	TOPSOIL, ON-SITE	300	CY	\$15.00	\$4,500.00	\$24.00	\$7,200.00	\$15.00	\$4,500.00	\$30.00	\$9,000.00
4	EXCAVATION, CLASS 13	1300	CY	\$15.00	\$19,500.00	\$16.00	\$20,800.00	\$15.00	\$19,500.00	\$20.00	\$26,000.00
5	SUBGRADE PREPARATION	3938	SY	\$4.00	\$15,752.00	\$4.00	\$15,752.00	\$5.50	\$21,659.00	\$5.00	\$19,690.00
6	SUBBASE, MODIFIED	3938	SY	\$10.00	\$39,380.00	\$9.00	\$35,442.00	\$12.00	\$47,256.00	\$17.00	\$66,946.00
7	GRANULAR BACKFILL	800	TON	\$50.00	\$40,000.00	\$38.00	\$30,400.00	\$10.00	\$8,000.00	\$35.00	\$28,000.00
8	SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC, 15 IN.	20	LF	\$200.00	\$4,000.00	\$325.00	\$6,500.00	\$375.00	\$7,500.00	\$500.00	\$10,000.00
9	SANITARY SEWER SERVICE RELOCATION	2	EA	\$2,500.00	\$5,000.00	\$2,500.00	\$5,000.00	\$3,500.00	\$7,000.00	\$5,000.00	\$10,000.00
10	REMOVAL OF SANITARY SEWER, 15 IN.	20	LF	\$20.00	\$400.00	\$25.00	\$500.00	\$25.00	\$500.00	\$100.00	\$2,000.00
11	STORM SEWER, TRENCHED, RCP, 18 IN.	156	LF	\$90.00	\$14,040.00	\$100.00	\$15,600.00	\$175.00	\$27,300.00	\$120.00	\$18,720.00
12	STORM SEWER, TRENCHED, RCP, 36 IN.	114	LF	\$175.00	\$19,950.00	\$185.00	\$21,090.00	\$300.00	\$34,200.00	\$240.00	\$27,360.00
13	STORM SEWER, TRENCHED, RCP, 42 IN.	380	LF	\$250.00	\$95,000.00	\$265.00	\$100,700.00	\$425.00	\$161,500.00	\$320.00	\$121,600.00
14	STORM SEWER, TRENCHLESS, RCP, 42 IN.	129	LF	\$1,300.00	\$167,700.00	\$338.00	\$43,602.00	\$1.00	\$129.00	\$500.00	\$64,500.00
15	REMOVAL OF STORM SEWER, LESS THAN 36 IN.	40	LF	\$30.00	\$1,200.00	\$16.00	\$640.00	\$35.00	\$1,400.00	\$100.00	\$4,000.00
16	SUBDRAIN, HDPE, 6 IN.	1045	LF	\$18.00	\$18,810.00	\$18.00	\$18,810.00	\$16.00	\$16,720.00	\$20.00	\$20,900.00
17	SUBDRAIN CLEANOUT, PVC RISER, 6 IN.	4	EA	\$500.00	\$2,000.00	\$425.00	\$1,700.00	\$500.00	\$2,000.00	\$400.00	\$1,600.00
18	SUBDRAIN OUTLETS AND CONNECTIONS, CMP, 6 IN.	10	EA	\$750.00	\$7,500.00	\$575.00	\$5,750.00	\$800.00	\$8,000.00	\$400.00	\$4,000.00
19	VALVE BOX EXTENSION	4	EA	\$750.00	\$3,000.00	\$300.00	\$1,200.00	\$750.00	\$3,000.00	\$300.00	\$1,200.00
20	MANHOLE, SW-401, 48 IN.	1	EA	\$4,000.00	\$4,000.00	\$4,500.00	\$4,500.00	\$4,000.00	\$4,000.00	\$6,200.00	\$6,200.00
21	MANHOLE, SW-404	2	EA	\$9,000.00	\$18,000.00	\$14,000.00	\$28,000.00	\$15,000.00	\$30,000.00	\$20,600.00	\$41,200.00
22	INTAKE, SW-502, 84 IN.	3	EA	\$10,000.00	\$30,000.00	\$15,000.00	\$45,000.00	\$10,500.00	\$31,500.00	\$14,600.00	\$43,800.00
23	INTAKE, SV-505	1	EA	\$4,000.00	\$4,000.00	\$4,500.00	\$4,500.00	\$6,500.00	\$6,500.00	\$5,800.00	\$5,800.00
24	INTAKE, SW-506	3	EA	\$6,000.00	\$18,000.00	\$5,500.00	\$16,500.00	\$7,500.00	\$22,500.00	\$7,800.00	\$23,400.00
25	MANHOLE ADJUSTMENT, MINOR	4	EA	\$750.00	\$3,000.00	\$1,200.00	\$4,800.00	\$1,300.00	\$5,200.00	\$2,000.00	\$8,000.00
26	MANHOLE ADJUSTMENT, MAJOR	2	EA	\$1,500.00	\$3,000.00	\$2,000.00	\$4,000.00	\$2,000.00	\$4,000.00	\$3,700.00	\$7,400.00
27	CONNECTION TO EXISTING MANHOLE	1	EA	\$10,000.00	\$10,000.00	\$12,800.00	\$12,800.00	\$12,000.00	\$12,000.00	\$10,000.00	\$10,000.00
28	REMOVE MANHOLE	1	EA	\$750.00	\$750.00	\$2,000.00	\$2,000.00	\$500.00	\$500.00	\$2,000.00	\$2,000.00
29	REMOVE INTAKE	3	EA	\$750.00	\$2,250.00	\$1,000.00	\$3,000.00	\$500.00	\$1,500.00	\$1,600.00	\$4,800.00
30	CURB AND GUTTER, 2.5 FEET, PER PLAN	1405	LF	\$35.00	\$49,175.00	\$36.00	\$50,580.00	\$25.00	\$35,125.00	\$50.00	\$70,250.00
31	PAVEMENT, HMA, BASE COURSE, STANDARD TRAFFIC, 3/4 IN. MIX	522	TON	\$100.00	\$52,200.00	\$95.00	\$49,590.00	\$94.00	\$49,068.00	\$90.00	\$46,980.00
32	PAVEMENT, HMA INTERMEDIATE COURSE, STANDARD TRAFFIC, 1/2 IN. MIX	270	TON	\$100.00	\$27,000.00	\$91.00	\$24,570.00	\$90.00	\$24,300.00	\$90.00	\$24,300.00
33	PAVEMENT, HMA SURFACE COURSE, STANDARD TRAFFIC, 1/2 IN. MIX, 1	358	TON	\$110.00	\$39,380.00	\$94.00	\$33,652.00	\$93.00	\$33,294.00	\$95.00	\$34,010.00
34	REMOVAL OF SIDEWALK	377	SY	\$10.00	\$3,770.00	\$9.00	\$3,393.00	\$8.00	\$3,016.00	\$10.00	\$3,770.00
35	REMOVAL OF DRIVEWAY	128	SY	\$10.00	\$1,280.00	\$9.00	\$1,152.00	\$8.00	\$1,024.00	\$10.00	\$1,280.00
36	SIDEWALK, PCC, 5 IN.	484	SY	\$55.00	\$26,620.00	\$52.00	\$25,168.00	\$43.00	\$20,812.00	\$55.00	\$26,620.00
37	SIDEWALK, PCC, 6 IN.	42	SY	\$100.00	\$4,200.00	\$64.00	\$2,688.00	\$65.00	\$2,730.00	\$75.00	\$3,150.00
38	DETECTABLE WARNING	80	SF	\$40.00	\$3,200.00	\$25.00	\$2,000.00	\$40.00	\$3,200.00	\$45.00	\$3,600.00
39	DRIVEWAY, PAVED, PCC, 6 IN.	152	SY	\$55.00	\$8,360.00	\$58.00	\$8,816.00	\$60.00	\$9,120.00	\$67.00	\$10,184.00
40	MILLING	365.5	SY	\$5.00	\$1,827.50	\$8.00	\$2,924.00	\$7.00	\$2,558.50	\$5.00	\$1,827.50
41	PAVEMENT REMOVAL	3822	SY	\$10.00	\$38,220.00	\$9.00	\$34,398.00	\$12.00	\$45,864.00	\$10.00	\$38,220.00
42	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	6.1	STA	\$650.00	\$3,955.00	\$150.00	\$915.00	\$150.00	\$915.00	\$225.00	\$1,372.50
43	PERMANENT TAPE MARKINGS	1.16	STA	\$700.00	\$812.00	\$3,000.00	\$3,480.00	\$3,000.00	\$3,480.00	\$1,500.00	\$1,740.00

49

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
44	SYMBOLS AND LEGENDS, PERMANENT PREFORMED TAPE	2 EA	\$500.00	\$1,000.00	\$500.00	\$1,000.00	\$500.00	\$1,000.00	\$700.00	\$1,400.00
45	TEMPORARY DELINEATORS	5 EA	\$250.00	\$1,250.00	\$250.00	\$1,250.00	\$100.00	\$500.00	\$150.00	\$750.00
46	SYMBOLS AND LEGENDS REMOVED	2 EA	\$200.00	\$400.00	\$200.00	\$400.00	\$100.00	\$200.00	\$225.00	\$450.00
47	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING	0.5 AC	\$3,500.00	\$1,750.00	\$5,000.00	\$2,500.00	\$4,000.00	\$2,000.00	\$4,000.00	\$2,000.00
48	SOD	80 SQ	\$100.00	\$8,000.00	\$100.00	\$8,000.00	\$105.00	\$8,400.00	\$105.00	\$8,400.00
49	STORM WATER POLLUTION PREVENTION PLAN (SWPPP)	1 LS	\$2,000.00	\$2,000.00	\$4,200.00	\$4,200.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00
50	FILTER SOCK, 9 IN.	1397 LF	\$3.50	\$4,889.50	\$2.00	\$2,794.00	\$1.50	\$2,095.50	\$1.50	\$2,095.50
51	FILTER SOCKS, REMOVAL	1397 LF	\$1.00	\$1,397.00	\$0.10	\$139.70	\$0.50	\$698.50	\$0.50	\$698.50
52	STABILIZED CONSTRUCTION ENTRANCE	335 SY	\$12.00	\$4,020.00	\$15.00	\$5,025.00	\$25.00	\$8,375.00	\$15.00	\$5,025.00
53	EROSION CONTROL MULCHING, HYDROMULCHING	0.5 AC	\$3,500.00	\$1,750.00	\$2,500.00	\$1,250.00	\$2,000.00	\$1,000.00	\$2,000.00	\$1,000.00
54	INLET PROTECTION DEVICE, DROP IN PROTECTION	10 EA	\$350.00	\$3,500.00	\$150.00	\$1,500.00	\$140.00	\$1,400.00	\$140.00	\$1,400.00
55	REMOVAL AND REINSTALLATION OF EXISTING FENCE, CHAIN LINK, 16 F	39 LF	\$250.00	\$9,750.00	\$85.00	\$3,315.00	\$100.00	\$3,900.00	\$90.00	\$3,510.00
56	REMOVAL AND REINSTALLATION OF EXISTING FENCE, CHAIN LINK, 6 FC	37 LF	\$200.00	\$7,400.00	\$50.00	\$1,850.00	\$45.00	\$1,665.00	\$50.00	\$1,850.00
57	MOBILIZATION	1 LS	\$100,642.00	\$100,642.00	\$214,975.00	\$214,975.00	\$272,375.50	\$272,375.50	\$135,000.00	\$135,000.00
58	MAINTENANCE OF POSTAL SERVICE	1 LS	\$1,500.00	\$1,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$1,000.00	\$1,000.00
59	MAINTENANCE OF SOLID WASTE COLLECTION	1 LS	\$1,500.00	\$1,500.00	\$12,000.00	\$12,000.00	\$3,500.00	\$3,500.00	\$1,000.00	\$1,000.00
60	CONCRETE WASHOUT	1 LS	\$2,000.00	\$2,000.00	\$8,500.00	\$8,500.00	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00
61	SUBSURFACE UTILITY LOCATES	2 EACH	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$750.00	\$1,500.00	\$1,500.00	\$3,000.00
62	TREE PROTECTION FENCE	120 LF	\$6.00	\$720.00	\$5.00	\$600.00	\$6.00	\$720.00	\$6.00	\$720.00
63	TREE TRUNK PROTECTION	4 EA	\$350.00	\$1,400.00	\$400.00	\$1,600.00	\$300.00	\$1,200.00	\$300.00	\$1,200.00
64	TROLLEY TRACK REMOVAL	900 LF	\$17.00	\$15,300.00	\$3.00	\$2,700.00	\$10.00	\$9,000.00	\$8.00	\$7,200.00
TOTAL CONSTRUCTION COST				\$1,000,000.00		\$1,016,280.70		\$1,068,000.00		\$1,069,219.00
PERCENT OF ENGINEER'S ESTIMATE						+1.63%		+6.80%		+6.92%

49

TABULATED BY: B. Lewis APPROVED BY \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_

Elder Corporation  
Des Moines, Iowa

Raccoon Valley  
Contractors, LLC  
Waukee, Iowa

BID SECURITY  
10% Bid Bond

BID SECURITY  
10% Bid Bond

BID PRICE

BID PRICE

**CONTRACTOR'S BID TABULATION**  
PROJECT: 43RD STREET & CROCKER STREET SEWER SEPARATION

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	TRAFFIC CONTROL	1 LS	\$10,000.00	\$10,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00
2	CLEARING AND GRUBBING	22 UNIT	\$350.00	\$7,700.00	\$365.00	\$8,030.00	\$165.00	\$3,630.00
3	TOPSOIL, ON-SITE	300 CY	\$15.00	\$4,500.00	\$78.00	\$23,400.00	\$49.00	\$14,700.00
4	EXCAVATION, CLASS 13	1300 CY	\$15.00	\$19,500.00	\$44.50	\$57,850.00	\$30.00	\$39,000.00
5	SUBGRADE PREPARATION	3938 SY	\$4.00	\$15,752.00	\$5.25	\$20,674.50	\$4.00	\$15,752.00
6	SUBBASE, MODIFIED	3938 SY	\$10.00	\$39,380.00	\$9.50	\$37,411.00	\$9.00	\$35,442.00
7	GRANULAR BACKFILL	800 TON	\$50.00	\$40,000.00	\$35.00	\$28,000.00	\$35.00	\$28,000.00
8	SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC, 15 IN.	20 LF	\$200.00	\$4,000.00	\$670.00	\$13,400.00	\$295.00	\$5,900.00
9	SANITARY SEWER SERVICE RELOCATION	2 EA	\$2,500.00	\$5,000.00	\$3,700.00	\$7,400.00	\$1,700.00	\$3,400.00
10	REMOVAL OF SANITARY SEWER, 15 IN.	20 LF	\$20.00	\$400.00	\$38.00	\$760.00	\$116.00	\$2,320.00
11	STORM SEWER, TRENCHED, RCP, 18 IN.	156 LF	\$90.00	\$14,040.00	\$134.00	\$20,904.00	\$230.00	\$35,880.00
12	STORM SEWER, TRENCHED, RCP, 36 IN.	114 LF	\$175.00	\$19,950.00	\$203.00	\$23,142.00	\$460.00	\$52,440.00
13	STORM SEWER, TRENCHED, RCP, 42 IN.	380 LF	\$250.00	\$95,000.00	\$300.00	\$114,000.00	\$750.00	\$285,000.00
14	STORM SEWER, TRENCHLESS, RCP, 42 IN.	129 LF	\$1,300.00	\$167,700.00	\$1,400.00	\$180,600.00	\$1.00	\$129.00
15	REMOVAL OF STORM SEWER, LESS THAN 36 IN.	40 LF	\$30.00	\$1,200.00	\$34.00	\$1,360.00	\$58.00	\$2,320.00
16	SUBDRAIN, HDPE, 6 IN.	1045 LF	\$18.00	\$18,810.00	\$18.25	\$19,071.25	\$30.00	\$31,350.00
17	SUBDRAIN CLEANOUT, PVC RISER, 6 IN.	4 EA	\$500.00	\$2,000.00	\$670.00	\$2,680.00	\$530.00	\$2,120.00
18	SUBDRAIN OUTLETS AND CONNECTIONS, CMP, 6 IN.	10 EA	\$750.00	\$7,500.00	\$480.00	\$4,800.00	\$185.00	\$1,850.00
19	VALVE BOX EXTENSION	4 EA	\$750.00	\$3,000.00	\$560.00	\$2,240.00	\$620.00	\$2,480.00
20	MANHOLE, SW-401, 48 IN.	1 EA	\$4,000.00	\$4,000.00	\$5,900.00	\$5,900.00	\$3,500.00	\$3,500.00
21	MANHOLE, SW-404	2 EA	\$9,000.00	\$18,000.00	\$19,000.00	\$38,000.00	\$15,000.00	\$30,000.00
22	INTAKE, SW-502, 84 IN.	3 EA	\$10,000.00	\$30,000.00	\$12,000.00	\$36,000.00	\$10,000.00	\$30,000.00
23	INTAKE, SW-505	1 EA	\$4,000.00	\$4,000.00	\$6,700.00	\$6,700.00	\$9,000.00	\$9,000.00
24	INTAKE, SW-506	3 EA	\$6,000.00	\$18,000.00	\$13,000.00	\$39,000.00	\$13,000.00	\$39,000.00
25	MANHOLE ADJUSTMENT, MINOR	4 EA	\$750.00	\$3,000.00	\$1,500.00	\$6,000.00	\$2,030.00	\$8,120.00
26	MANHOLE ADJUSTMENT, MAJOR	2 EA	\$1,500.00	\$3,000.00	\$2,700.00	\$5,400.00	\$3,000.00	\$6,000.00
27	CONNECTION TO EXISTING MANHOLE	1 EA	\$10,000.00	\$10,000.00	\$11,000.00	\$11,000.00	\$5,000.00	\$5,000.00
28	REMOVE MANHOLE	1 EA	\$750.00	\$750.00	\$1,100.00	\$1,100.00	\$500.00	\$500.00
29	REMOVE INTAKE	3 EA	\$750.00	\$2,250.00	\$1,100.00	\$3,300.00	\$500.00	\$1,500.00
30	CURB AND GUTTER, 2.5 FEET, PER PLAN	1405 LF	\$35.00	\$49,175.00	\$24.25	\$34,071.25	\$24.00	\$33,720.00
31	PAVEMENT, HMA, BASE COURSE, STANDARD TRAFFIC, 3/4 IN. MIX	522 TON	\$100.00	\$52,200.00	\$98.50	\$51,417.00	\$106.00	\$55,332.00
32	PAVEMENT, HMA INTERMEDIATE COURSE, STANDARD TRAFFIC, 1/2 IN.	270 TON	\$100.00	\$27,000.00	\$94.50	\$25,515.00	\$102.00	\$27,540.00
33	PAVEMENT, HMA SURFACE COURSE, STANDARD TRAFFIC, 1/2 IN. MIX, 1	358 TON	\$110.00	\$39,380.00	\$97.50	\$34,905.00	\$105.00	\$37,590.00
34	REMOVAL OF SIDEWALK	377 SY	\$10.00	\$3,770.00	\$11.00	\$4,147.00	\$10.00	\$3,770.00
35	REMOVAL OF DRIVEWAY	128 SY	\$10.00	\$1,280.00	\$12.75	\$1,632.00	\$10.00	\$1,280.00
36	SIDEWALK, PCC, 5 IN.	484 SY	\$55.00	\$26,620.00	\$56.50	\$27,346.00	\$41.50	\$20,086.00
37	SIDEWALK, PCC, 6 IN.	42 SY	\$100.00	\$4,200.00	\$66.00	\$2,772.00	\$125.50	\$5,271.00
38	DETECTABLE WARNING	80 SF	\$40.00	\$3,200.00	\$52.50	\$4,200.00	\$45.00	\$3,600.00
39	DRIVEWAY, PAVED, PCC, 6 IN.	152 SY	\$55.00	\$8,360.00	\$38.00	\$5,776.00	\$63.00	\$9,576.00
40	MILLING	365.5 SY	\$5.00	\$1,827.50	\$7.50	\$2,741.25	\$7.00	\$2,558.50
41	PAVEMENT REMOVAL	3822 SY	\$10.00	\$38,220.00	\$14.25	\$54,463.50	\$10.00	\$38,220.00
42	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	6.1 STA	\$550.00	\$3,355.00	\$157.50	\$960.75	\$150.00	\$915.00
43	PERMANENT TAPE MARKINGS	1.16 STA	\$700.00	\$812.00	\$3,200.00	\$3,712.00	\$3,000.00	\$3,480.00

49

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
44	SYMBOLS AND LEGENDS, PERMANENT PREFORMED TAPE	2 EA	\$500.00	\$1,000.00	\$530.00	\$1,060.00	\$500.00	\$1,000.00
45	TEMPORARY DELINEATORS	5 EA	\$250.00	\$1,250.00	\$105.00	\$525.00	\$100.00	\$500.00
46	SYMBOLS AND LEGENDS REMOVED	2 EA	\$200.00	\$400.00	\$210.00	\$420.00	\$200.00	\$400.00
47	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING	0.5 AC	\$3,500.00	\$1,750.00	\$4,200.00	\$2,100.00	\$4,000.00	\$2,000.00
48	SOD	80 SQ	\$100.00	\$8,000.00	\$110.50	\$8,840.00	\$105.00	\$8,400.00
49	STORM WATER POLLUTION PREVENTION PLAN (SWPPP)	1 LS	\$2,000.00	\$2,000.00	\$3,700.00	\$3,700.00	\$3,500.00	\$3,500.00
50	FILTER SOCK, 9 IN.	1397 LF	\$3.50	\$4,889.50	\$1.60	\$2,235.20	\$1.50	\$2,095.50
51	FILTER SOCKS, REMOVAL	1397 LF	\$1.00	\$1,397.00	\$0.55	\$768.35	\$0.50	\$698.50
52	STABILIZED CONSTRUCTION ENTRANCE	335 SY	\$12.00	\$4,020.00	\$9.70	\$3,249.50	\$12.00	\$4,020.00
53	EROSION CONTROL MULCHING, HYDROMULCHING	0.5 AC	\$3,500.00	\$1,750.00	\$2,100.00	\$1,050.00	\$2,000.00	\$1,000.00
54	INLET PROTECTION DEVICE, DROP IN PROTECTION	10 EA	\$350.00	\$3,500.00	\$147.00	\$1,470.00	\$140.00	\$1,400.00
55	REMOVAL AND REINSTALLATION OF EXISTING FENCE, CHAIN LINK, 16 F	39 LF	\$250.00	\$9,750.00	\$88.00	\$3,432.00	\$84.00	\$3,276.00
56	REMOVAL AND REINSTALLATION OF EXISTING FENCE, CHAIN LINK, 6 FC	37 LF	\$200.00	\$7,400.00	\$51.50	\$1,905.50	\$49.00	\$1,813.00
57	MOBILIZATION	1 LS	\$100,642.00	\$100,642.00	\$52,000.95	\$52,000.95	\$109,000.00	\$109,000.00
58	MAINTENANCE OF POSTAL SERVICE	1 LS	\$1,500.00	\$1,500.00	\$4,400.00	\$4,400.00	\$1,500.00	\$1,500.00
59	MAINTENANCE OF SOLID WASTE COLLECTION	1 LS	\$1,500.00	\$1,500.00	\$13,000.00	\$13,000.00	\$1,500.00	\$1,500.00
60	CONCRETE WASHOUT	1 LS	\$2,000.00	\$2,000.00	\$2,600.00	\$2,600.00	\$500.00	\$500.00
61	SUBSURFACE UTILITY LOCATES	2 EACH	\$1,000.00	\$2,000.00	\$1,500.00	\$3,000.00	\$1,000.00	\$2,000.00
62	TREE PROTECTION FENCE	120 LF	\$6.00	\$720.00	\$5.80	\$696.00	\$5.50	\$660.00
63	TREE TRUNK PROTECTION	4 EA	\$350.00	\$1,400.00	\$320.00	\$1,280.00	\$300.00	\$1,200.00
64	TROLLEY TRACK REMOVAL	900 LF	\$17.00	\$15,300.00	\$19.00	\$17,100.00	\$17.00	\$15,300.00
TOTAL CONSTRUCTION COST				\$1,000,000.00		\$1,105,614.00		\$1,108,034.50
PERCENT OF ENGINEER'S ESTIMATE						+10.56%		+10.80%

49