

DATE March 9, 2009

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON 2008 STORM SEWER REPAIR CONTRACT 2; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS THE UNDERGROUND COMPANY, LTD., DUANE BURKHARDT, PRESIDENT, \$211,686.30

WHEREAS, on February 9, 2009, under Roll Call No. 09-162, plans, specifications, form of contract documents, and Jurisdictional Engineer's estimate of construction cost were filed with the City Clerk, for the construction of the following improvement:

2008 Storm Sewer Repair Contract 2, 08-2008-002

The improvement includes construction of storm sewers, manholes, intakes, restoration of pavement & landscaping, and other incidental items; in accordance with the contract documents including Plan File Nos. 495-027/064, to repair deteriorated infrastructure at 5 locations in Des Moines, Iowa, being: behind 1416 Oak Park Avenue, south of the intersection of Muskogee Avenue & River Oaks Drive, intersection of 29th Street & Forest Drive, intersection of S. Union Street & Park Avenue, and the intersection of University Avenue & Maine Street

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 Jurisdictional Engineer's estimate of construction cost for said improvement be closed; and that said plans, specifications, form of contract documents, and Jurisdictional Engineer's estimate of construction cost are hereby approved as the plans, specifications, form of contract documents, and Jurisdictional 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:

- The Underground Company, Ltd. Carlisle, IA
- Reilly Construction Co., Inc. Ossian, IA
- H & W Contracting LLC Sioux Falls, SD
- Van Hauen & Associates, Inc. Grimes, IA
- Corell Contractor, Inc. West Des Moines, IA
- Keller Excavating, Inc. Boone, IA
- Elder Corporation Des Moines, IA
- Machin LC Excavating & Plumbing Newton, IA - Bid not read

DATE March 9, 2009

which were received and opened at a public meeting presided over by the Jurisdictional Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa at 11:00 a.m. on February 24, 2009. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.

BE IT FURTHER RESOLVED: That the Jurisdictional Engineer has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by The Underground Company, Ltd., Duane Burkhardt, President, 12245 Dakota Street, Carlisle, IA, 50047 in the amount of \$211,686.30, and said bid be and the same is hereby accepted.

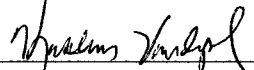
BE IT FURTHER RESOLVED: That the bid security of the unsuccessful bidders be and is hereby authorized and directed to be returned.

BE IT FURTHER RESOLVED: That the Jurisdictional 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 Jurisdictional 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.

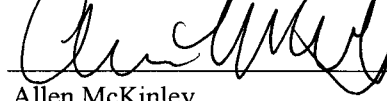
(City Council Communication Number 09-150 attached.)

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

FORM APPROVED:

  
Kathleen Vanderpool  
Deputy City Attorney

FUNDS AVAILABLE

  
Allen McKinley  
Des Moines Finance Director

Funding Source: 2009-2010 CIP, Page Storm-4, City-wide Storm Water Utility Projects, STE057, Storm Water Utility Funds



COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
HENSLEY				
KIERNAN				
MAHAFFEY				
MEYER				
VLASSIS				
TOTAL				

MOTION CARRIED APPROVED

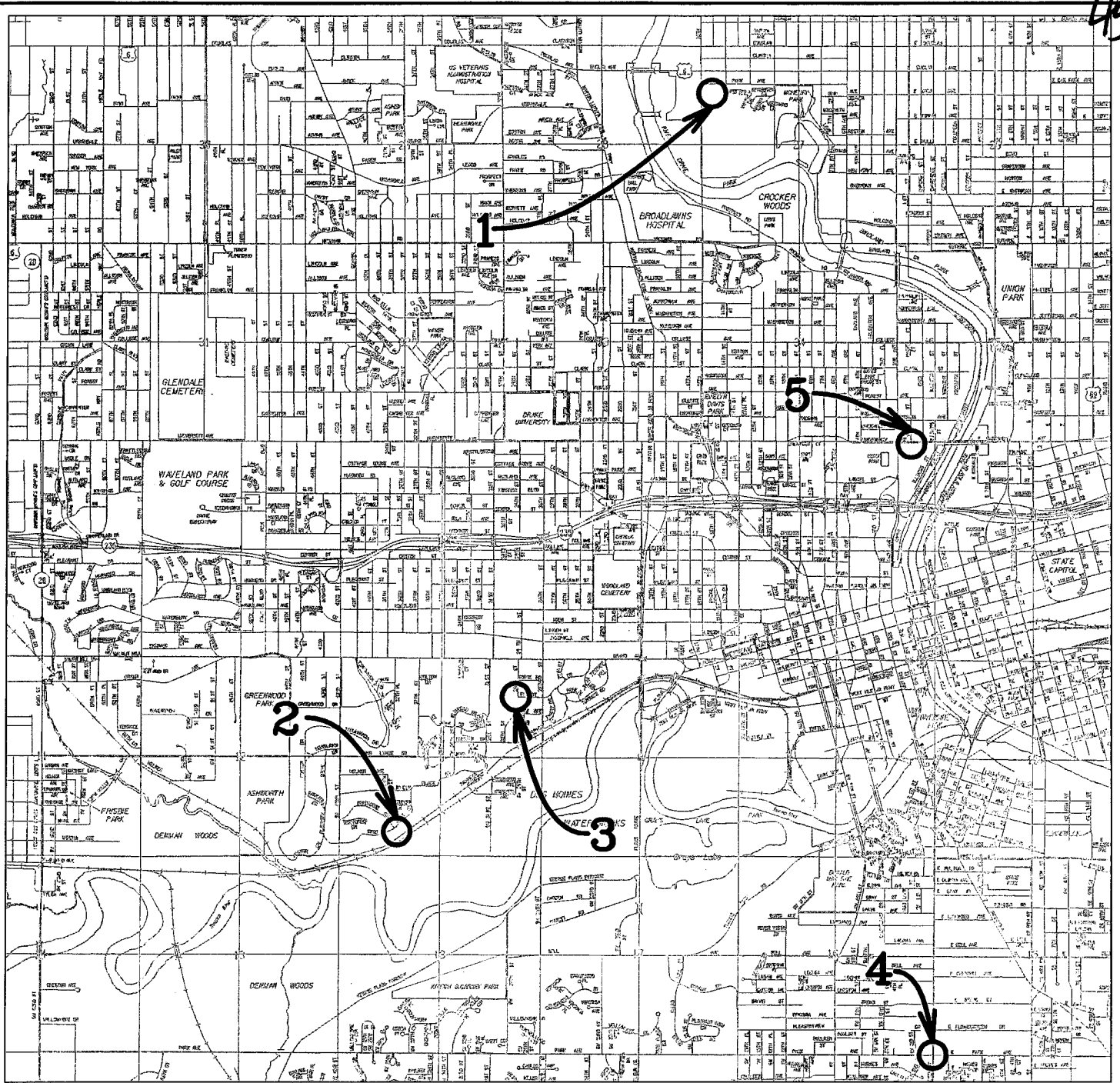
\_\_\_\_\_  
Mayor

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

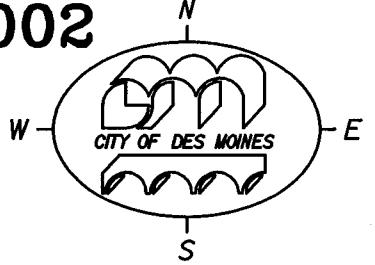
4/5



T:\ENG\Design\08-2008\002\Drawings\Loc\_Map\LOC\_MAP.DGN 21-JAN-2009 14:24

# 2008 STORM SEWER REPAIR CONTRACT 2

## ACTIVITY I.D. 08-2008-002



- 1 - OAK PARK AVE
- 2 - MUSKOGEE AVE & RIVER OAKS DR
- 3 - 29TH ST & FOREST DR
- 4 - S. UNION ST & PARK AVE
- 5 - UNIVERSITY AVE & MAINE ST

TABULATED BY: Z. Erickson  
CHECKED BY: *Matt Beck*  
APPROVED BY: *John F. Walker*

**CONTRACTOR'S BID TABULATION**  
**PROJECT: 2008 STORM SEWER REPAIR CONTRACT 2**

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT PRICE		AMOUNT		THE UNDERGROUND COMPANY, LTD. CARLISLE, IA		REILLY CONSTRUCTION COMPANY, INC. OSSIAN, IA		H & W CONTRACTING LLC SIOUX FALLS, SD	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	Clearing & Grubbing	21 DI	\$100.00	\$2,100.00	\$2.00	\$42.00	\$2.00	\$42.00	\$75.00	\$1,575.00	\$50.00	\$1,050.00
2	Clearing & Grubbing	0.15 ACRE	\$30,000.00	\$4,500.00	\$2.00	\$0.30	\$2.00	\$0.30	\$25,000.00	\$3,750.00	\$25,000.00	\$3,750.00
3	Pavement Removal	32 SY	\$15.00	\$480.00	\$20.00	\$640.00	\$20.00	\$640.00	\$12.50	\$400.00	\$24.00	\$768.00
4	Curb & Gutter Removal	190 LF	\$10.00	\$1,900.00	\$10.00	\$1,900.00	\$10.00	\$1,900.00	\$10.00	\$1,900.00	\$4.50	\$855.00
5	Driveway Removal	33 SY	\$10.00	\$330.00	\$15.00	\$495.00	\$15.00	\$495.00	\$10.00	\$330.00	\$10.00	\$330.00
6	Sidewalk Removal	33 SY	\$10.00	\$330.00	\$45.00	\$1,485.00	\$45.00	\$1,485.00	\$10.00	\$330.00	\$10.00	\$330.00
7	Earthwork - Muskogee	1 LS	\$3,000.00	\$3,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$3,500.00	\$3,500.00	\$1,000.00	\$1,000.00
8	Earthwork - Oak Park	1 LS	\$4,500.00	\$4,500.00	\$6,600.00	\$6,600.00	\$6,600.00	\$6,600.00	\$5,000.00	\$5,000.00	\$1,500.00	\$1,500.00
9	Fence, Remove and Replace Chain Link	20 LF	\$20.00	\$400.00	\$25.00	\$500.00	\$25.00	\$500.00	\$30.00	\$600.00	\$5.00	\$100.00
10	Fence, Remove and Replace Wire	30 LF	\$15.00	\$450.00	\$25.00	\$750.00	\$25.00	\$750.00	\$27.50	\$825.00	\$5.00	\$150.00
11	Intake Removal	3 EACH	\$500.00	\$1,500.00	\$500.00	\$1,500.00	\$500.00	\$1,500.00	\$450.00	\$1,350.00	\$500.00	\$1,500.00
12	Storm Sewer Removal	199 LF	\$25.00	\$4,975.00	\$10.00	\$1,990.00	\$10.00	\$1,990.00	\$13.00	\$2,587.00	\$12.00	\$2,388.00
13	Manhole Removal	2 EACH	\$500.00	\$1,000.00	\$600.00	\$1,200.00	\$600.00	\$1,200.00	\$500.00	\$1,000.00	\$500.00	\$1,000.00
14	Flowable Mortar	28 CY	\$125.00	\$3,500.00	\$208.00	\$5,824.00	\$208.00	\$5,824.00	\$140.00	\$3,920.00	\$145.00	\$4,060.00
15	Sewer Plug	4 EACH	\$300.00	\$1,200.00	\$50.00	\$200.00	\$50.00	\$200.00	\$450.00	\$1,800.00	\$150.00	\$600.00
16	Abandon Manhole	2 EACH	\$1,500.00	\$3,000.00	\$300.00	\$600.00	\$300.00	\$600.00	\$1,000.00	\$2,000.00	\$750.00	\$1,500.00
17	Tie Down Manhole Casting, Strapping	2 EACH	\$2,500.00	\$5,000.00	\$5,500.00	\$11,000.00	\$5,500.00	\$11,000.00	\$2,200.00	\$4,400.00	\$1,500.00	\$3,000.00
18	Conversion of Structure to Manhole	2 EACH	\$5,000.00	\$10,000.00	\$1,100.00	\$2,200.00	\$1,100.00	\$2,200.00	\$3,500.00	\$7,000.00	\$4,200.00	\$8,400.00
19	Storm Sewer, Class III RCP, 15" Dia.	1 LS	\$90.00	\$90.00	\$78.00	\$78.00	\$78.00	\$78.00	\$55.00	\$55.00	\$75.00	\$75.00
20	Storm Sewer, Class III RCP, 18" Dia.	54 LF	\$100.00	\$5,400.00	\$80.00	\$4,320.00	\$80.00	\$4,320.00	\$60.00	\$3,240.00	\$120.00	\$6,480.00
21	Storm Sewer, Class III RCP, 24" Dia.	116 LF	\$160.00	\$18,560.00	\$106.00	\$12,296.00	\$106.00	\$12,296.00	\$75.00	\$8,700.00	\$100.00	\$11,600.00
22	Storm Sewer, Class III RCP, 30" Dia.	85 LF	\$200.00	\$17,000.00	\$144.00	\$12,240.00	\$144.00	\$12,240.00	\$125.00	\$10,625.00	\$85.00	\$7,225.00
23	Storm Sewer, Class III RCP, 36" Dia.	18 LF	\$3,250.00	\$58,500.00	\$3,475.00	\$62,550.00	\$3,475.00	\$62,550.00	\$3,300.00	\$59,400.00	\$110.00	\$1,980.00
24	Manhole, Type M-B, 40" X 40"	3 EACH	\$3,500.00	\$10,500.00	\$5,010.00	\$15,030.00	\$5,010.00	\$15,030.00	\$150.00	\$450.00	\$2,700.00	\$8,100.00
25	Manhole, Type M-B, 48" X 48"	1 EACH	\$3,750.00	\$3,750.00	\$5,640.00	\$5,640.00	\$5,640.00	\$5,640.00	\$4,000.00	\$4,000.00	\$3,200.00	\$3,200.00
26	Manhole, Type M-B, 48" X 56"	1 EACH	\$3,500.00	\$3,500.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00
27	Intake, Type M-A	1 EACH	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$4,000.00	\$4,000.00	\$3,000.00	\$3,000.00
28	Intake, Type M-D	1 EACH	\$3,800.00	\$3,800.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$3,000.00	\$3,000.00
29	Intake, Type M-I	1 EACH	\$4,500.00	\$4,500.00	\$11,000.00	\$11,000.00	\$11,000.00	\$11,000.00	\$7,500.00	\$7,500.00	\$12,000.00	\$12,000.00
30	Intake, Special - Muskogee	1 EACH	\$6,000.00	\$6,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$6,000.00	\$6,000.00	\$3,000.00	\$3,000.00
31	Intake, Special - Maine	1 EACH	\$5,500.00	\$5,500.00	\$1,800.00	\$1,800.00	\$1,800.00	\$1,800.00	\$1,000.00	\$1,000.00	\$1,700.00	\$1,700.00
32	FES, 24" Class III RCP with Footing	1 EACH	\$2,300.00	\$2,300.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00
33	FES, 36" Class III RCP with Footing	1 EACH	\$2,500.00	\$2,500.00	\$2,200.00	\$2,200.00	\$2,200.00	\$2,200.00	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00
34	Apron Guard, 72" FES	1 EACH	\$2,500.00	\$2,500.00	\$1,150.00	\$1,150.00	\$1,150.00	\$1,150.00	\$300.00	\$300.00	\$1,000.00	\$1,000.00
35	Type 1 Concrete Collar Connection	1 EACH	\$350.00	\$350.00	\$1,150.00	\$1,150.00	\$1,150.00	\$1,150.00	\$550.00	\$550.00	\$500.00	\$500.00
36	Sewer Pipe Support	1 EACH	\$350.00	\$350.00	\$1,150.00	\$1,150.00	\$1,150.00	\$1,150.00	\$16.50	\$16.50	\$13.50	\$13.50
37	ScourStop Erosion Control Mat	676 SF	\$15.00	\$10,140.00	\$15.00	\$10,140.00	\$15.00	\$10,140.00	\$3,500.00	\$3,500.00	\$1,500.00	\$1,500.00
38	Relocate Water Service	1 EACH	\$1,000.00	\$1,000.00	\$200.00	\$200.00	\$200.00	\$200.00	\$100.00	\$100.00	\$35.00	\$35.00
39	New Water Service	50 LF	\$50.00	\$2,500.00	\$100.00	\$5,000.00	\$100.00	\$5,000.00	\$60.00	\$3,000.00	\$70.00	\$3,500.00
40	Full-Depth Patch	105 SY	\$100.00	\$10,500.00	\$125.00	\$13,125.00	\$125.00	\$13,125.00	\$60.00	\$6,300.00	\$30.00	\$3,150.00
41	Curb & Gutter, PCC, 3.0'	176 LF	\$25.00	\$4,400.00	\$24.00	\$4,224.00	\$24.00	\$4,224.00	\$30.00	\$5,280.00	\$30.00	\$5,280.00

45

TABULATED BY: Z. Erickson  
CHECKED BY: *[Signature]* APPROVED BY: \_\_\_\_\_

**CONTRACTOR'S BID TABULATION**  
PROJECT: 2008 STORM SEWER REPAIR CONTRACT 2

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	THE UNDERGROUND COMPANY, LTD. CARLISLE, IA	REILLY CONSTRUCTION COMPANY, INC. OSSIAN, IA	H & W CONTRACTING LLC SIOUX FALLS, SD
					10% BID BOND	10% BID BOND	10% BID BOND
			UNIT PRICE	AMOUNT	BID PRICE	BID PRICE	BID PRICE
42	Curb & Gutter, PCC, 2.5'	40 LF	\$25.00	\$1,000.00	\$24.00	\$33.50	\$30.00
43	Pavement, PCC, 9"	36 SY	\$60.00	\$2,160.00	\$125.00	\$100.00	\$70.00
44	HMA (1M ESAL) Surface Course, 1/2 Inch Mix, L-4	20 TON	\$85.00	\$1,700.00	\$170.00	\$200.00	\$170.00
45	Surfacing, HMA Millings	25 TON	\$35.00	\$875.00	\$24.00	\$30.00	\$32.00
46	Surfacing, Class A Crushed Stone	100 TON	\$35.00	\$3,500.00	\$24.00	\$30.00	\$28.00
47	Sidewalk, PCC, 4"	12 SY	\$30.00	\$360.00	\$100.00	\$55.00	\$50.00
48	Sidewalk Ramp, PCC, 6"	8 SY	\$45.00	\$360.00	\$100.00	\$62.50	\$55.00
49	Sidewalk Ramp, PCC, 9"	6 SY	\$55.00	\$330.00	\$100.00	\$85.00	\$70.00
50	Detectable Warning, Truncated Domes	24 SF	\$50.00	\$1,200.00	\$10.00	\$40.00	\$30.00
51	Driveway, PCC, 8"	36 SY	\$50.00	\$1,800.00	\$75.00	\$55.00	\$60.00
52	Topsoil, Furnish and Place	130 CY	\$35.00	\$4,550.00	\$10.00	\$50.00	\$30.00
53	Sodding	110.2 SQ	\$50.00	\$5,510.00	\$50.00	\$35.00	\$34.00
54	Seed & Mulch	0.45 ACRE	\$4,000.00	\$1,800.00	\$1,000.00	\$3,350.00	\$4,500.00
55	Traffic Control	1 LS	\$7,500.00	\$7,500.00	\$7,000.00	\$8,500.00	\$10,000.00
56	Project Sign, Small	2 EACH	\$200.00	\$400.00	\$100.00	\$175.00	\$250.00
57	Mobilization	1 LS	\$15,000.00	\$15,000.00	\$3,000.00	\$15,000.00	\$40,000.00
TOTAL CONSTRUCTION COST				\$233,750.00	\$211,686.30	\$213,995.50	\$223,178.80
PERCENT OF ENGINEER'S ESTIMATE					-9.44%	-8.45%	-4.52%
					Low		

TABULATED BY: Z. Erickson  
CHECKED BY: *Matthew Becker*  
APPROVED BY: *John F. Weller*

**CONTRACTOR'S BID TABULATION**  
**PROJECT: 2008 STORM SEWER REPAIR CONTRACT 2**

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT		VAN HAUEN & ASSOCIATES, INC. GRIMES, IA		CORELL CONTRACTOR, INC. WEST DES MOINES, IA		KELLER EXCAVATING, INC. BOONE, IA			
			PRICE	AMOUNT	UNIT	PRICE	AMOUNT	UNIT	PRICE	AMOUNT		
1	Clearing & Grubbing	21 DI	\$100.00	\$2,100.00		\$40.00	\$840.00		\$924.00		\$50.00	\$1,050.00
2	Clearing & Grubbing	0.15 ACRE	\$30,000.00	\$4,500.00		\$30,000.00	\$4,500.00		\$4,950.00		\$30,000.00	\$4,500.00
3	Pavement Removal	32 SY	\$15.00	\$480.00		\$15.00	\$480.00		\$3,744.00		\$40.00	\$1,280.00
4	Curb & Gutter Removal	190 LF	\$10.00	\$1,900.00		\$8.00	\$1,520.00		\$2,375.00		\$15.00	\$2,850.00
5	Driveway Removal	33 SY	\$10.00	\$330.00		\$12.00	\$396.00		\$1,287.00		\$20.00	\$660.00
6	Sidewalk Removal	33 SY	\$10.00	\$330.00		\$10.00	\$330.00		\$1,188.00		\$30.00	\$990.00
7	Earthwork - Muskogee	1 LS	\$3,000.00	\$3,000.00		\$3,400.00	\$3,400.00		\$8,000.00		\$6,000.00	\$6,000.00
8	Earthwork - Oak Park	1 LS	\$4,500.00	\$4,500.00		\$4,400.00	\$4,400.00		\$7,350.00		\$6,000.00	\$6,000.00
9	Fence, Remove and Replace Chain Link	20 LF	\$20.00	\$400.00		\$25.00	\$500.00		\$1,140.00		\$30.00	\$600.00
10	Fence, Remove and Replace Wire	30 LF	\$15.00	\$450.00		\$20.00	\$600.00		\$900.00		\$18.00	\$540.00
11	Intake Removal	3 EACH	\$500.00	\$1,500.00		\$400.00	\$1,200.00		\$1,725.00		\$200.00	\$600.00
12	Storm Sewer Removal	199 LF	\$25.00	\$4,975.00		\$10.00	\$1,990.00		\$4,378.00		\$10.00	\$1,990.00
13	Manhole Removal	2 EACH	\$500.00	\$1,000.00		\$400.00	\$800.00		\$1,720.00		\$300.00	\$600.00
14	Flowable Mortar	28 CY	\$125.00	\$3,500.00		\$200.00	\$5,600.00		\$4,900.00		\$130.00	\$3,640.00
15	Sewer Plug	4 EACH	\$300.00	\$1,200.00		\$400.00	\$1,600.00		\$1,900.00		\$200.00	\$800.00
16	Abandon Manhole	2 EACH	\$1,500.00	\$3,000.00		\$1,200.00	\$2,400.00		\$1,800.00		\$500.00	\$1,000.00
17	Tie Down Manhole Casting, Strapping	2 EACH	\$2,500.00	\$5,000.00		\$3,800.00	\$7,600.00		\$3,800.00		\$2,000.00	\$4,000.00
18	Conversion of Structure to Manhole	1 LS	\$5,000.00	\$5,000.00		\$5,500.00	\$5,500.00		\$2,364.00		\$4,000.00	\$4,000.00
19	Storm Sewer, Class III RCP, 15" Dia.	313 LF	\$90.00	\$28,170.00		\$60.00	\$18,780.00		\$73.00		\$33.00	\$10,329.00
20	Storm Sewer, Class III RCP, 18" Dia.	54 LF	\$100.00	\$5,400.00		\$90.00	\$4,860.00		\$128.00		\$38.00	\$2,052.00
21	Storm Sewer, Class III RCP, 24" Dia.	116 LF	\$130.00	\$15,080.00		\$110.00	\$12,760.00		\$110.00		\$82.00	\$6,032.00
22	Storm Sewer, Class III RCP, 30" Dia.	85 LF	\$160.00	\$13,600.00		\$130.00	\$11,050.00		\$111.00		\$78.00	\$6,630.00
23	Storm Sewer, Class III RCP, 36" Dia.	18 LF	\$200.00	\$3,600.00		\$150.00	\$2,700.00		\$203.00		\$112.00	\$2,016.00
24	Manhole, Type M-B, 40" X 40"	3 EACH	\$3,250.00	\$9,750.00		\$3,000.00	\$9,000.00		\$2,820.00		\$4,515.00	\$13,545.00
25	Manhole, Type M-B, 48" X 48"	1 EACH	\$3,500.00	\$3,500.00		\$4,200.00	\$4,200.00		\$2,690.00		\$5,115.00	\$5,115.00
26	Manhole, Type M-B, 48" X 56"	1 EACH	\$3,750.00	\$3,750.00		\$4,300.00	\$4,300.00		\$2,995.00		\$7,115.00	\$7,115.00
27	Intake, Type M-A	1 EACH	\$3,500.00	\$3,500.00		\$2,300.00	\$2,300.00		\$2,540.00		\$4,015.00	\$4,015.00
28	Intake, Type M-D	1 EACH	\$3,800.00	\$3,800.00		\$4,500.00	\$4,500.00		\$9,100.00		\$5,000.00	\$5,000.00
29	Intake, Type M-I	1 EACH	\$4,500.00	\$4,500.00		\$5,800.00	\$5,800.00		\$3,350.00		\$6,515.00	\$6,515.00
30	Intake, Special - Muskogee	1 EACH	\$6,000.00	\$6,000.00		\$8,600.00	\$8,600.00		\$6,400.00		\$7,515.00	\$7,515.00
31	FES, 24" Class III RCP with Footing	1 EACH	\$5,500.00	\$5,500.00		\$6,200.00	\$6,200.00		\$4,600.00		\$7,515.00	\$7,515.00
32	FES, 36" Class III RCP with Footing	1 EACH	\$2,300.00	\$2,300.00		\$2,300.00	\$2,300.00		\$990.00		\$1,200.00	\$1,200.00
33	Apron Guard, 72" FES	1 EACH	\$2,500.00	\$2,500.00		\$2,700.00	\$2,700.00		\$1,680.00		\$1,800.00	\$1,800.00
34	Type 1 Concrete Collar Connection	1 EACH	\$2,500.00	\$2,500.00		\$2,900.00	\$2,900.00		\$3,866.00		\$4,200.00	\$4,200.00
35	Sewer Pipe Support	1 EACH	\$200.00	\$200.00		\$400.00	\$400.00		\$785.00		\$2,500.00	\$2,500.00
36	ScourStop Erosion Control Mat	676 SF	\$350.00	\$237,000.00		\$20.00	\$13,520.00		\$500.25		\$3,500.00	\$3,500.00
37	Relocate Water Service	1 EACH	\$15.00	\$15.00		\$20.00	\$20.00		\$14.50		\$15.00	\$15.00
38	New Water Service	50 LF	\$1,000.00	\$50,000.00		\$1,400.00	\$70,000.00		\$1,130.00		\$3,500.00	\$3,500.00
39	Full-Depth Patch	105 SY	\$50.00	\$5,250.00		\$25.00	\$2,625.00		\$71.00		\$35.00	\$3,675.00
40	Curb & Gutter, PCC, 3.0'	176 LF	\$100.00	\$17,600.00		\$120.00	\$21,120.00		\$79.50		\$80.00	\$14,080.00
41			\$25.00	\$4,400.00		\$35.00	\$6,160.00		\$29.50		\$30.00	\$5,280.00

45

TABULATED BY: F. Erickson APPROVED BY: [Signature]  
CHECKED BY: [Signature]

**CONTRACTOR'S BID TABULATION**  
PROJECT: 2008 STORM SEWER REPAIR CONTRACT 2

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT	VAN HAUEN & ASSOCIATES, INC. GRIMES, IA		CORELL CONTRACTOR, INC. WEST DES MOINES, IA		KELLER EXCAVATING, INC. BOONE, IA	
						10% BID BOND	BID PRICE	10% BID BOND	BID PRICE	10% BID BOND	BID PRICE
						UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
42	Curb & Gutter, PCC, 2.5'	40 LF		\$25.00	\$1,040.00	\$26.00	\$1,040.00	\$34.50	\$1,380.00	\$30.00	\$1,200.00
43	Pavement, PCC, 9"	36 SY		\$60.00	\$2,160.00	\$130.00	\$4,680.00	\$75.00	\$2,700.00	\$80.00	\$2,880.00
44	HMA (1M ESAL) Surface Course, 1/2 Inch Mix, L-4	20 TON		\$85.00	\$1,700.00	\$155.00	\$3,100.00	\$200.00	\$4,000.00	\$200.00	\$4,000.00
45	Surfacing, HMA Millings	25 TON		\$35.00	\$875.00	\$35.00	\$875.00	\$38.00	\$950.00	\$50.00	\$1,250.00
46	Surfacing, Class A Crushed Stone	100 TON		\$35.00	\$3,500.00	\$20.00	\$2,000.00	\$29.00	\$2,900.00	\$30.00	\$3,000.00
47	Sidewalk, PCC, 4"	12 SY		\$30.00	\$360.00	\$60.00	\$720.00	\$53.75	\$645.00	\$62.00	\$744.00
48	Sidewalk Ramp, PCC, 6"	8 SY		\$45.00	\$360.00	\$65.00	\$520.00	\$53.75	\$430.00	\$62.00	\$496.00
49	Sidewalk Ramp, PCC, 9"	6 SY		\$55.00	\$330.00	\$100.00	\$600.00	\$80.00	\$480.00	\$85.00	\$510.00
50	Detectable Warning, Truncated Domes	24 SF		\$50.00	\$1,200.00	\$40.00	\$960.00	\$37.00	\$888.00	\$45.00	\$1,080.00
51	Driveway, PCC, 8"	36 SY		\$50.00	\$1,800.00	\$80.00	\$2,880.00	\$53.75	\$1,935.00	\$65.00	\$2,340.00
52	Topsoil, Furnish and Place	130 CY		\$35.00	\$4,550.00	\$40.00	\$5,200.00	\$25.00	\$3,250.00	\$40.00	\$5,200.00
53	Sodding	110.2 SQ		\$50.00	\$5,510.00	\$100.00	\$11,020.00	\$55.50	\$6,116.10	\$42.00	\$4,628.40
54	Seed & Mulch	0.45 ACRE		\$4,000.00	\$1,800.00	\$6,500.00	\$2,925.00	\$4,875.00	\$2,193.75	\$5,500.00	\$2,475.00
55	Traffic Control	1 LS		\$7,500.00	\$7,500.00	\$8,000.00	\$8,000.00	\$9,567.00	\$9,567.00	\$20,000.00	\$20,000.00
56	Project Sign, Small	2 EACH		\$200.00	\$400.00	\$150.00	\$300.00	\$188.00	\$376.00	\$5,250.00	\$10,500.00
57	Mobilization	1 LS		\$15,000.00	\$15,000.00	\$2,000.00	\$2,000.00	\$10,200.00	\$10,200.00	\$30,000.00	\$30,000.00
					\$233,750.00	\$229,156.00	\$234,043.60	\$229,156.00	\$234,043.60	\$257,067.40	\$257,067.40
						-1.97%		+0.13%		+9.98%	+9.98%
TOTAL CONSTRUCTION COST											
PERCENT OF ENGINEER'S ESTIMATE											

45

DEPARTMENT OF ENGINEERING  
CITY OF DES MOINES, IOWA

Activity ID 08-2008-002  
BID DATE: 02/24/09

TABULATED BY: Z. Erickson  
CHECKED BY: *Northwell*  
APPROVED BY: *John F. McKen*

CONTRACTOR'S BID TABULATION  
PROJECT: 2008 STORM SEWER REPAIR CONTRACT 2

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT	ELDER CORPORATION DES MOINES, IA		MACHIN EXCAVATING	
						UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	Clearing & Grubbing	21 DI		\$100.00	\$2,100.00				
2	Clearing & Grubbing	0.15 ACRE		\$30,000.00	\$4,500.00				
3	Pavement Removal	32 SY		\$15.00	\$480.00				
4	Curb & Gutter Removal	190 LF		\$10.00	\$1,900.00				
5	Driveway Removal	33 SY		\$10.00	\$330.00				
6	Sidewalk Removal	33 SY		\$10.00	\$330.00				
7	Earthwork - Muskogee	1 LS		\$3,000.00	\$3,000.00				
8	Earthwork - Oak Park	1 LS		\$4,500.00	\$4,500.00				
9	Fence, Remove and Replace Chain Link	20 LF		\$20.00	\$400.00				
10	Fence, Remove and Replace Wire	30 LF		\$15.00	\$450.00				
11	Intake Removal	3 EACH		\$500.00	\$1,500.00				
12	Storm Sewer Removal	199 LF		\$25.00	\$4,975.00				
13	Manhole Removal	2 EACH		\$500.00	\$1,000.00				
14	Flowable Mortar	28 CY		\$125.00	\$3,500.00				
15	Sewer Plug	4 EACH		\$300.00	\$1,200.00				
16	Abandon Manhole	2 EACH		\$1,500.00	\$3,000.00				
17	Tie Down Manhole Casting, Strapping	2 EACH		\$2,500.00	\$5,000.00				
18	Conversion of Structure to Manhole	1 LS		\$5,000.00	\$5,000.00				
19	Storm Sewer, Class III RCP, 15" Dia.	313 LF		\$90.00	\$28,170.00				
20	Storm Sewer, Class III RCP, 18" Dia.	54 LF		\$100.00	\$5,400.00				
21	Storm Sewer, Class III RCP, 24" Dia.	116 LF		\$130.00	\$15,080.00				
22	Storm Sewer, Class III RCP, 30" Dia.	85 LF		\$160.00	\$13,600.00				
23	Storm Sewer, Class III RCP, 36" Dia.	18 LF		\$200.00	\$3,600.00				
24	Manhole, Type M-B, 40" X 40"	3 EACH		\$3,250.00	\$9,750.00				
25	Manhole, Type M-B, 48" X 48"	1 EACH		\$3,500.00	\$3,500.00				
26	Manhole, Type M-B, 48" X 56"	1 EACH		\$3,750.00	\$3,750.00				
27	Intake, Type M-A	1 EACH		\$3,500.00	\$3,500.00				
28	Intake, Type M-D	1 EACH		\$3,800.00	\$3,800.00				
29	Intake, Type M-I	1 EACH		\$4,500.00	\$4,500.00				
30	Intake, Special - Muskogee	1 EACH		\$6,000.00	\$6,000.00				
31	Intake, Special - Maine	1 EACH		\$5,500.00	\$5,500.00				
32	FES, 24" Class III RCP with Footing	1 EACH		\$2,300.00	\$2,300.00				
33	FES, 36" Class III RCP with Footing	1 EACH		\$2,500.00	\$2,500.00				
34	Apron Guard, 72" FES	1 EACH		\$2,500.00	\$2,500.00				
35	Type 1 Concrete Collar Connection	1 EACH		\$200.00	\$200.00				
36	Sewer Pipe Support	1 EACH		\$350.00	\$350.00				
37	Scour/Stop Erosion Control Mat	676 SF		\$15.00	\$10,140.00				
38	Relocate Water Service	1 EACH		\$1,000.00	\$1,000.00				
39	New Water Service	50 LF		\$50.00	\$2,500.00				
40	Full-Depth Patch	105 SY		\$100.00	\$10,500.00				
41	Curb & Gutter, PCC, 3.0'	176 LF		\$25.00	\$4,400.00				



DEPARTMENT OF ENGINEERING  
CITY OF DES MOINES, IOWA

Activity ID 08-2008-002  
BID DATE: 02/24/09

TABULATED BY: Z. Erickson  
CHECKED BY: *Matt Beck*

MACHIN  
EXCAVATING

CONTRACTOR'S BID TABULATION  
PROJECT: 2008 STORM SEWER REPAIR CONTRACT 2

10% BID BOND

ESTIMATE

ELDER CORPORATION  
DES MOINES, IA

10% BID BOND

BID PRICE

UNIT PRICE AMOUNT

ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
42	Curb & Gutter, PCC, 2.5'	40 LF	\$25.00	\$1,000.00	\$25.00	\$1,000.00
43	Pavement, PCC, 9"	36 SY	\$60.00	\$2,160.00	\$100.00	\$3,600.00
44	HMA (1M ESAL) Surface Course, 1/2 Inch Mix, L-4	20 TON	\$85.00	\$1,700.00	\$187.00	\$3,740.00
45	Surfacing, HMA Millings	25 TON	\$35.00	\$875.00	\$27.50	\$687.50
46	Surfacing, Class A Crushed Stone	100 TON	\$35.00	\$3,500.00	\$35.00	\$3,500.00
47	Sidewalk, PCC, 4"	12 SY	\$30.00	\$360.00	\$45.00	\$540.00
48	Sidewalk Ramp, PCC, 6"	8 SY	\$45.00	\$360.00	\$66.00	\$528.00
49	Sidewalk Ramp, PCC, 9"	6 SY	\$55.00	\$330.00	\$88.00	\$528.00
50	Detectable Warning, Truncated Domes	24 SF	\$50.00	\$1,200.00	\$35.00	\$840.00
51	Driveway, PCC, 8"	36 SY	\$50.00	\$1,800.00	\$50.00	\$1,800.00
52	Topsoil, Furnish and Place	130 CY	\$35.00	\$4,550.00	\$50.00	\$6,500.00
53	Sodding	110.2 SQ	\$50.00	\$5,510.00	\$40.00	\$4,408.00
54	Seed & Mulch	0.45 ACRE	\$4,000.00	\$1,800.00	\$3,900.00	\$1,755.00
55	Traffic Control	1 LS	\$7,500.00	\$7,500.00	\$9,100.00	\$9,100.00
56	Project Sign, Small	2 EACH	\$200.00	\$400.00	\$330.00	\$660.00
57	Mobilization	1 LS	\$15,000.00	\$15,000.00	\$14,000.00	\$14,000.00
				\$233,750.00		\$271,227.50
						+16.03%

TOTAL CONSTRUCTION COST  
PERCENT OF ENGINEER'S ESTIMATE