



DATE September 11, 2006

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON CRAWFORD CREEK WATERSHED IMPROVEMENTS - E. GRAY STREET TO S.E. 9TH STREET; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIBLE, RESPONSIVE BIDDER AS JENCO CONSTRUCTION INC., PENNY JENSEN, PRESIDENT, \$4,142,487.34

WHEREAS, on August 7, 2006, under Roll Call No. 06-1551, 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:

Crawford Creek Watershed Improvements - E. Gray Street to S.E. 9th Street, 08-2006-002

The improvement includes construction of approximately 2800 LF of new reinforced concrete box culvert ranging in size from 7'x10' to 5' x 12' between E. Gray Street and S.E. 6th Street and upsizing the culvert under S.E. 9th Street; and also includes relocation of conflicting utilities including sanitary sewer, water main, and storm sewer; reconstruction of street and parking lot pavements, site seeding or sodding, and other incidental items; in accordance with the contract documents, including Plans File Nos. 464-084/140, on Crawford Creek Watershed from -E. Gray Street to S.E. 9th 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 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:

- | | |
|-----------------------------|-----------------|
| Jenco Construction Inc. | Des Moines, IA |
| Cramer and Associates, Inc. | Des Moines, IA |
| Iowa Bridge & Culvert, LC | Washington, IA |
| H & W Contracting LLC | Sioux Falls, SD |



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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 August 29, 2006. 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 responsible, responsive bid for the construction of said improvement was submitted by Jenco Construction Inc., Penny Jensen, President, 6804 NW 2nd Street, Des Moines, IA, 50313 in the amount of \$4,142,487.34, 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.

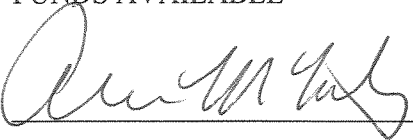
(City Council Communication Number 06-578 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE





Kathleen Vanderpool
Deputy City Attorney

Allen McKinley
Des Moines Finance Director

Funding Source: 2006-2007 CIP, Page Storm-8, Crawford Creek - Watershed Improvements, STE074, Being: Storm Water Revenue Bonds to be issued



Roll Call Number

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DRB

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

MOTION CARRIED

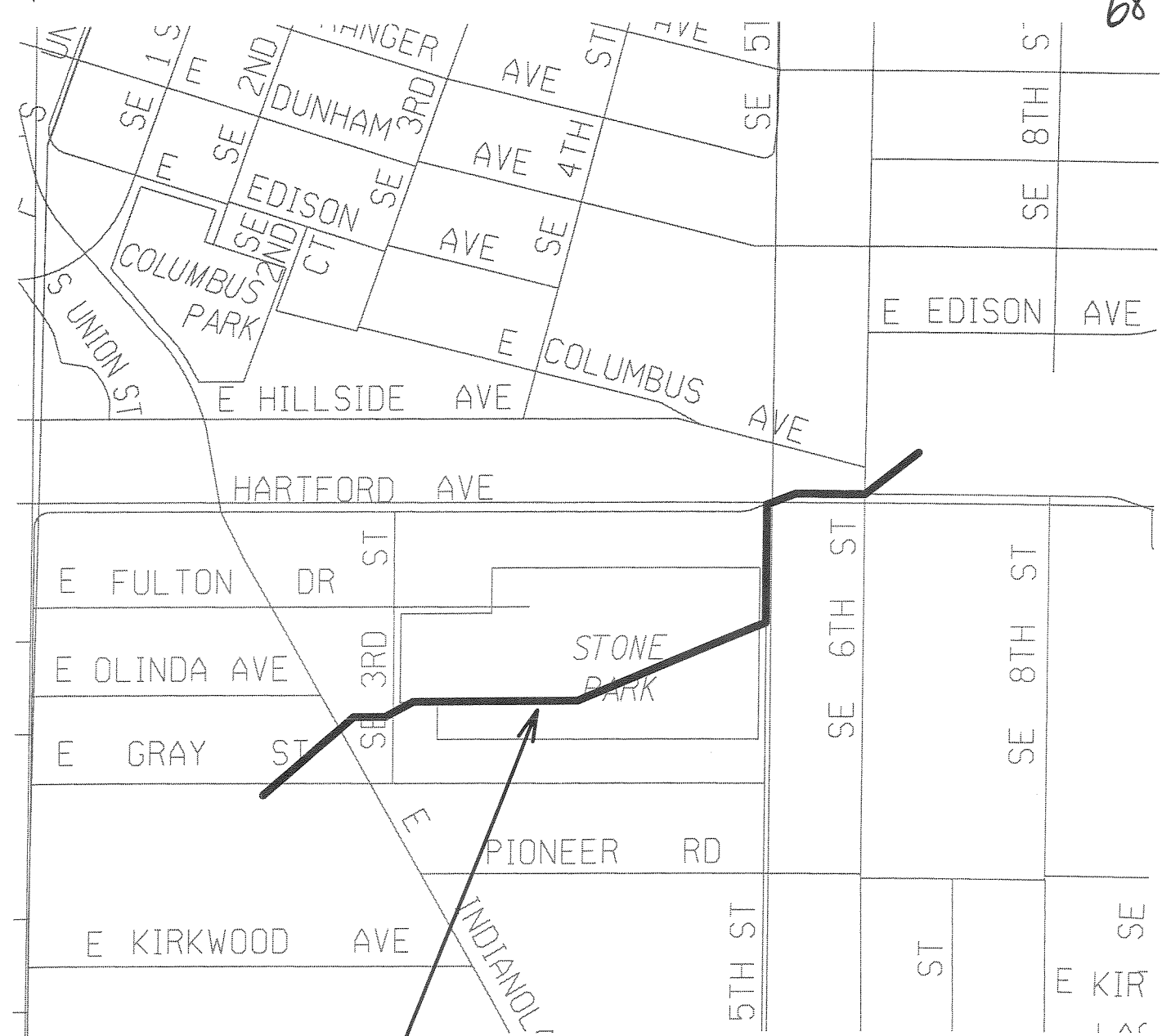
APPROVED

Mayor

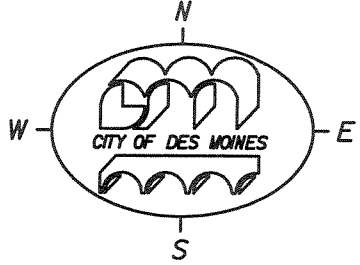
I, Diane Rauh, City Clerk of said City Council, hereby certify that at a meeting of the City Council, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

City Clerk



**PROJECT
LOCATION**



**CRAWFORD CREEK WATERSHED
IMPROVEMENTS E GRAY STREET
TO SE 9th STREET**

ACTIVITY I.D. 08-2006-002

TABULATED BY: *M Becker*
CHECKED BY: *Andrew S. Baker* APPROVED BY: *John F. McKee*

CONTRACTOR'S BID TABULATION

PROJECT: CRAWFORD CREEK WATERSHED IMPROVE. - E GRAY ST TO SE 9th STREET

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT		Jenco Construction Des Moines, IA		Cramer & Associates Des Moines, IA		Iowa Bridge & Culvert Washington, IA	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	Mobilization	1 L.S.	\$145,000.00	\$145,000.00	\$130,000.00	\$130,000.00	\$317,000.00	\$317,000.00	\$400,000.00	\$400,000.00
2	Clearing and Grubbing	1.03 Acre	\$5,000.00	\$5,150.00	\$18,000.00	\$18,540.00	\$24,000.00	\$24,720.00	\$23,793.00	\$24,506.79
3	Traffic Control	1 L.S.	\$8,000.00	\$8,000.00	\$16,068.00	\$16,068.00	\$12,500.00	\$12,500.00	\$50,000.00	\$50,000.00
4	Construction Survey	1 L.S.	\$30,000.00	\$30,000.00	\$9,860.00	\$9,860.00	\$27,000.00	\$27,000.00	\$22,050.00	\$22,050.00
5	Project Sign	1 Ea.	\$750.00	\$750.00	\$750.00	\$750.00	\$630.00	\$630.00	\$1,088.99	\$1,088.99
6	Trash Rack	1 Ea.	\$40,000.00	\$40,000.00	\$16,350.00	\$16,350.00	\$22,000.00	\$22,000.00	\$20,205.02	\$20,205.02
7	Grading	1 L.S.	\$4,000.00	\$4,000.00	\$7,000.00	\$7,000.00	\$6,300.00	\$6,300.00	\$7,059.17	\$7,059.17
8	Unsuitable Material Excavation & Backfill	50 C.Y.	\$50.00	\$2,500.00	\$45.00	\$2,250.00	\$50.00	\$2,500.00	\$52.50	\$2,625.00
9	Contractor's Erosion Control Plan	1 L.S.	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$7,300.00	\$7,300.00	\$5,250.00	\$5,250.00
10	Erosion Control	1203 L.F.	\$2.50	\$3,007.50	\$1.85	\$2,225.55	\$2.00	\$2,406.00	\$2.63	\$3,163.89
11	Seeding	4.07 Acre	\$2,500.00	\$10,175.00	\$2,178.00	\$8,864.46	\$1,500.00	\$6,105.00	\$2,310.00	\$9,401.70
12	Sodding	807 SQ.	\$40.00	\$32,280.00	\$38.00	\$30,666.00	\$35.00	\$28,245.00	\$42.00	\$33,894.00
13	Erosion Control Mat	4520 S.Y.	\$1.50	\$6,780.00	\$1.60	\$7,232.00	\$1.60	\$7,232.00	\$1.47	\$6,644.40
14	Plantings: Red Oak	10 Ea.	\$200.00	\$2,000.00	\$200.00	\$2,000.00	\$185.00	\$1,850.00	\$472.50	\$4,725.00
15	Plantings: White Pine	18 Ea.	\$225.00	\$4,050.00	\$225.00	\$4,050.00	\$185.00	\$3,330.00	\$472.50	\$8,505.00
16	Plantings: Sea Green Juniper	15 Ea.	\$75.00	\$1,125.00	\$75.00	\$1,125.00	\$185.00	\$2,775.00	\$262.50	\$3,937.50
17	Structure Demolition - RCB at Indianola Ave.	1 L.S.	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00	\$30,000.00	\$30,000.00
18	Structure Demolition - Culvert at S.E. 9th Street	1 L.S.	\$5,000.00	\$5,000.00	\$8,000.00	\$8,000.00	\$7,000.00	\$7,000.00	\$10,000.00	\$10,000.00
19	Culvert Demolition - RCB at Gray Street	1 L.S.	\$7,000.00	\$7,000.00	\$9,000.00	\$9,000.00	\$150.00	\$150.00	\$10,000.00	\$10,000.00
20	Abandon Sewer In-place w/ Flowable Mortar	15 C.Y.	\$200.00	\$3,000.00	\$190.00	\$2,850.00	\$150.00	\$2,250.00	\$232.05	\$3,480.75
21	Gabion Wall Removal	1 L.S.	\$3,000.00	\$3,000.00	\$3,500.00	\$3,500.00	\$2,800.00	\$2,800.00	\$1,231.83	\$1,231.83
22	Pavement Removal	2881 S.Y.	\$12.00	\$34,572.00	\$11.00	\$31,691.00	\$13.00	\$37,453.00	\$13.35	\$38,461.35
23	Sidewalk Removal (PCC and HMA)	355 S.Y.	\$10.00	\$3,550.00	\$9.00	\$3,195.00	\$10.00	\$3,550.00	\$10.50	\$3,727.50
24	Engineering Fabric	867 S.Y.	\$2.00	\$1,734.00	\$2.00	\$1,734.00	\$3.00	\$2,601.00	\$2.00	\$1,734.00
25	Riprap	1280 Ton	\$30.00	\$38,400.00	\$31.85	\$40,768.00	\$36.00	\$46,080.00	\$42.00	\$53,760.00
26	Cabled - Concrete Mat CC45	350 S.Y.	\$110.00	\$38,500.00	\$110.00	\$38,500.00	\$92.00	\$32,200.00	\$120.00	\$42,000.00
27	Cabled - Concrete Mat CC70	190 S.Y.	\$125.00	\$23,750.00	\$125.00	\$23,750.00	\$95.00	\$18,050.00	\$140.00	\$26,600.00
28	Chain Link Fence - 48"	420 L.F.	\$20.00	\$8,400.00	\$16.25	\$6,825.00	\$17.00	\$7,140.00	\$17.06	\$7,165.20
29	Chain Link Fence - 72"	60 L.F.	\$22.00	\$1,320.00	\$26.00	\$1,560.00	\$27.00	\$1,620.00	\$27.30	\$1,638.00
30	Chain Link Gate - 10 ft	2 Ea.	\$500.00	\$1,000.00	\$420.00	\$840.00	\$441.00	\$882.00	\$441.00	\$882.00
31	Wood Fence	258 L.F.	\$15.00	\$3,870.00	\$28.70	\$7,404.60	\$30.00	\$7,740.00	\$30.14	\$7,776.12
32	Aggregate Surfacing	675 Ton	\$27.00	\$18,225.00	\$30.00	\$20,250.00	\$32.00	\$21,600.00	\$24.70	\$16,672.50
33	HMA w/ Binder Commercial Mix for Parking Lot Paving, 6"	972 Ton	\$30.00	\$29,160.00	\$65.00	\$63,180.00	\$95.00	\$92,340.00	\$94.50	\$91,854.00
34	HMA w/ Binder for Recreational Trail, 4"	337 S.Y.	\$23.00	\$7,751.00	\$27.00	\$9,099.00	\$32.00	\$10,784.00	\$31.50	\$10,615.50
35	HMA Overlay, 2"	232 Ton	\$18.00	\$4,176.00	\$50.00	\$11,600.00	\$74.00	\$17,168.00	\$73.50	\$17,052.00
36	Asphalt Binder	15 Ton	\$250.00	\$3,750.00	\$500.00	\$7,500.00	\$541.00	\$8,115.00	\$540.75	\$8,111.25
37	Modified Sub-base	1330 C.Y.	\$27.00	\$35,910.00	\$27.00	\$35,910.00	\$30.00	\$39,900.00	\$31.50	\$41,895.00
38	Portland Cement Concrete Pavement, 10"	463 S.Y.	\$65.00	\$30,095.00	\$65.00	\$30,095.00	\$55.00	\$25,465.00	\$71.48	\$33,095.24
39	Portland Cement Concrete Pavement, 8"	2850 S.Y.	\$55.00	\$156,750.00	\$55.00	\$156,750.00	\$42.00	\$119,700.00	\$58.80	\$167,580.00
40	Portland Cement Concrete Pavement, 7"	560 S.Y.	\$50.00	\$28,000.00	\$50.00	\$28,000.00	\$37.00	\$20,720.00	\$54.60	\$30,576.00
41	Portland Cement Concrete Pavement, Driveway Approach	448 S.Y.	\$45.00	\$20,160.00	\$35.00	\$15,680.00	\$47.00	\$21,056.00	\$47.25	\$21,168.00
42	Concrete Sidewalk, 4"	674 S.Y.	\$40.00	\$26,960.00	\$30.00	\$20,220.00	\$42.00	\$28,308.00	\$43.05	\$29,015.70

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
43	Truncated Dome	80 S.F.	\$30.00	\$2,400.00	\$30.00	\$2,400.00	\$34.00	\$2,720.00	\$33.60	\$2,688.00
44	Curb and Gutter	1230 L.F.	\$20.00	\$24,600.00	\$20.00	\$24,600.00	\$22.00	\$27,060.00	\$23.10	\$28,413.00
45	Storm Sewer Manhole Type M-A, 48"	6 Ea.	\$3,000.00	\$18,000.00	\$3,200.00	\$19,200.00	\$4,000.00	\$24,000.00	\$3,504.90	\$21,029.40
46	Storm Sewer Manhole, Type M-A, 60"	1 Ea.	\$4,000.00	\$4,000.00	\$4,200.00	\$4,200.00	\$6,000.00	\$6,000.00	\$4,230.45	\$4,230.45
47	Sanitary Sewer Manhole, Type A, 72" Ø	1 Ea.	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00	\$9,000.00	\$9,000.00	\$28,865.55	\$28,865.55
48	Sanitary Sewer Manhole, Type A, 84" Ø	2 Ea.	\$6,000.00	\$12,000.00	\$7,000.00	\$14,000.00	\$10,000.00	\$20,000.00	\$35,815.50	\$71,631.00
49	Sanitary Sewer Manhole, Type A, 60" Ø	2 Ea.	\$4,000.00	\$8,000.00	\$4,200.00	\$8,400.00	\$6,500.00	\$13,000.00	\$6,653.85	\$13,307.70
50	Sanitary Sewer Manhole, Type F, 16"x4" with two riser manholes	1 Ea.	\$20,000.00	\$20,000.00	\$25,000.00	\$25,000.00	\$30,000.00	\$30,000.00	\$42,527.10	\$42,527.10
51	Intake - Type M-F	1 Ea.	\$2,500.00	\$2,500.00	\$2,600.00	\$2,600.00	\$3,200.00	\$3,200.00	\$4,731.30	\$4,731.30
52	Intake - Type M-H	2 Ea.	\$2,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$2,500.00	\$5,000.00	\$1,869.00	\$3,738.00
53	Intake Casting - Type R Grate	3 Ea.	\$500.00	\$1,500.00	\$525.00	\$1,575.00	\$500.00	\$1,500.00	\$577.50	\$1,732.50
54	Intake - Type M-A	1 Ea.	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,221.80	\$2,221.80
55	Connect New Sewer Pipe to Existing Structure	5 Ea.	\$500.00	\$2,500.00	\$700.00	\$3,500.00	\$600.00	\$3,000.00	\$8,872.50	\$8,872.50
56	Connect Existing Sewer Pipe to New Manhole	9 Ea.	\$500.00	\$4,500.00	\$750.00	\$6,750.00	\$600.00	\$5,400.00	\$11,235.85	\$11,235.85
57	Sanitary Sewer, 12" Ø	103 L.F.	\$75.00	\$7,725.00	\$150.00	\$15,450.00	\$350.00	\$36,050.00	\$238.35	\$24,550.05
58	Sanitary Sewer, 18" Ø	24 L.F.	\$120.00	\$2,880.00	\$200.00	\$4,800.00	\$450.00	\$10,800.00	\$246.75	\$5,922.00
59	Sanitary Sewer, 24" Ø	86 L.F.	\$150.00	\$12,900.00	\$200.00	\$17,200.00	\$500.00	\$43,000.00	\$260.40	\$22,394.40
60	Sanitary Sewer, 36" Ø	355 L.F.	\$380.00	\$134,900.00	\$275.00	\$97,625.00	\$600.00	\$213,000.00	\$299.25	\$106,233.75
61	Sanitary Sewer, 42" Ø	47 L.F.	\$600.00	\$28,200.00	\$650.00	\$30,550.00	\$950.00	\$44,650.00	\$351.75	\$16,532.25
62	Sanitary Sewer, 12" Ø Jacked or Bored w/Casing Pipe	57 L.F.	\$250.00	\$14,250.00	\$255.00	\$14,535.00	\$300.00	\$17,100.00	\$384.30	\$21,905.10
63	Sanitary Service Line	7 Ea.	\$1,600.00	\$11,200.00	\$2,100.00	\$14,700.00	\$1,200.00	\$8,400.00	\$4,473.00	\$31,311.00
64	Sanitary Sewer 11-1/4" Ø Bend, 42" Ø	1 Ea.	\$3,000.00	\$3,000.00	\$6,000.00	\$6,000.00	\$1,500.00	\$1,500.00	\$6,430.20	\$6,430.20
65	Storm Sewer, 15" Ø	12 L.F.	\$60.00	\$720.00	\$100.00	\$1,200.00	\$100.00	\$1,200.00	\$114.45	\$1,373.40
66	Storm Sewer, 21" Ø	161 L.F.	\$75.00	\$12,075.00	\$105.00	\$16,905.00	\$100.00	\$16,100.00	\$92.40	\$14,876.40
67	Storm Sewer, 24" Ø	309 L.F.	\$80.00	\$24,720.00	\$110.00	\$33,990.00	\$80.00	\$24,720.00	\$98.70	\$30,498.30
68	Storm Sewer, 30" Ø	108 L.F.	\$100.00	\$10,800.00	\$125.00	\$13,500.00	\$160.00	\$17,280.00	\$111.30	\$12,020.40
69	30" Flared End Section	1 Ea.	\$750.00	\$750.00	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00	\$1,783.95	\$1,783.95
70	24" Storm Sewer Check Valve	2 Ea.	\$500.00	\$1,000.00	\$7,500.00	\$15,000.00	\$7,000.00	\$14,000.00	\$7,741.65	\$15,483.30
71	8" Footing Drain Collector	95 L.F.	\$20.00	\$1,900.00	\$45.00	\$4,275.00	\$35.00	\$3,325.00	\$46.20	\$4,389.00
72	Subdrain Cleanout	3 Ea.	\$250.00	\$750.00	\$650.00	\$1,950.00	\$500.00	\$1,500.00	\$1,021.65	\$3,064.95
73	Check Depth of Water & Sanitary Services	5 Ea.	\$500.00	\$2,500.00	\$2,500.00	\$12,500.00	\$750.00	\$3,750.00	\$3,006.25	\$3,006.25
74	Lower Water Service	5 Ea.	\$750.00	\$3,750.00	\$1,900.00	\$9,500.00	\$900.00	\$4,500.00	\$1,694.70	\$8,473.50
75	Water Service Line, Far Side	2 Ea.	\$1,200.00	\$2,400.00	\$2,500.00	\$5,000.00	\$2,200.00	\$4,400.00	\$5,225.85	\$10,451.70
76	Water Service Line Connection, Near Side	4 Ea.	\$1,000.00	\$4,000.00	\$1,200.00	\$4,800.00	\$1,200.00	\$4,800.00	\$1,331.40	\$5,325.60
77	Water Main, 8" Ø PVC	308 L.F.	\$90.00	\$27,720.00	\$115.00	\$35,420.00	\$135.00	\$41,580.00	\$77.70	\$23,931.60
78	Water Main, 8" Ø DI	121 L.F.	\$100.00	\$12,100.00	\$145.00	\$17,545.00	\$150.00	\$18,150.00	\$194.25	\$23,504.25
79	Water Main, 24" Ø DI	62 L.F.	\$300.00	\$18,600.00	\$675.00	\$41,850.00	\$1,450.00	\$89,900.00	\$319.20	\$19,790.40
80	Water Main, 8" Jacked or Bored	78 L.F.	\$150.00	\$11,700.00	\$200.00	\$15,600.00	\$150.00	\$11,700.00	\$203.70	\$15,888.60
81	Water Main, 24" Jacked or Bored w/Casing Pipe	47 L.F.	\$450.00	\$21,150.00	\$455.00	\$21,385.00	\$600.00	\$28,200.00	\$844.20	\$39,677.40
82	PCCP to DI Water Main Adaptor	2 Ea.	\$3,500.00	\$7,000.00	\$5,500.00	\$11,000.00	\$7,500.00	\$15,000.00	\$5,512.50	\$11,025.00
83	Gate Valve, 8"	2 Ea.	\$1,000.00	\$2,000.00	\$1,450.00	\$2,900.00	\$1,500.00	\$3,000.00	\$1,245.30	\$2,490.60
84	Gate Valve, 6"	1 Ea.	\$800.00	\$800.00	\$1,200.00	\$1,200.00	\$800.00	\$800.00	\$847.35	\$847.35
85	Prepare Excavation for 8" Tapping Valve and Sleeve	1 Ea.	\$2,000.00	\$2,000.00	\$1,900.00	\$1,900.00	\$2,000.00	\$2,000.00	\$4,163.25	\$4,163.25
86	8" Bends	16 Ea.	\$350.00	\$5,600.00	\$335.00	\$5,360.00	\$350.00	\$5,600.00	\$532.35	\$8,517.60
87	8" x 6" Reducer	2 Ea.	\$400.00	\$800.00	\$335.00	\$670.00	\$300.00	\$600.00	\$348.60	\$697.20
88	6"x8" Tee	1 Ea.	\$400.00	\$400.00	\$345.00	\$345.00	\$400.00	\$400.00	\$550.20	\$550.20
89	8" x 6" Tee	1 Ea.	\$350.00	\$350.00	\$345.00	\$345.00	\$350.00	\$350.00	\$523.95	\$523.95
90	8" Sleeve	2 Ea.	\$300.00	\$600.00	\$350.00	\$700.00	\$300.00	\$600.00	\$309.75	\$619.50
91	45° Bend for Water Main, 24"	8 Ea.	\$2,000.00	\$16,000.00	\$2,750.00	\$22,000.00	\$500.00	\$4,000.00	\$4,809.00	\$38,472.00
92	Fire Hydrant Assembly	1 Ea.	\$3,000.00	\$3,000.00	\$3,700.00	\$3,700.00	\$4,000.00	\$4,000.00	\$3,450.30	\$3,450.30
93	Cast-in-place RCB - Typical Section A	406 L.F.	\$1,700.00	\$689,200.00	\$1,000.00	\$406,000.00	\$1,300.00	\$527,800.00	\$1,150.00	\$466,900.00
94	Cast-in-place RCB - Typical Section B	1190.1 L.F.	\$1,100.00	\$1,309,110.00	\$840.00	\$999,684.00	\$1,150.00	\$1,368,615.00	\$1,200.00	\$1,428,120.00

TABULATED BY: M Becker
CHECKED BY: *Anthony S. Beckwith*
APPROVED BY: *John F. McKee*

CONTRACTOR'S BID TABULATION

PROJECT: CRAWFORD CREEK WATERSHED IMPROVE. - E GRAY ST TO SE 9th STREET

ESTIMATE

H&W Contracting LLC
Sioux Falls, SD

BID SECURITY
10% Bid Bond
BID PRICE

BID SECURITY
BID PRICE

BID SECURITY
BID PRICE

ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	Mobilization	1 L.S.	\$145,000.00	\$145,000.00	\$500,000.00	\$500,000.00		
2	Clearing and Grubbing	1.03 Acre	\$5,000.00	\$5,150.00	\$15,000.00	\$15,450.00		
3	Traffic Control	1 L.S.	\$8,000.00	\$8,000.00	\$15,000.00	\$15,000.00		
4	Construction Survey	1 L.S.	\$30,000.00	\$30,000.00	\$10,000.00	\$10,000.00		
5	Project Sign	1 Ea.	\$750.00	\$750.00	\$975.00	\$975.00		
6	Trash Rack	1 Ea.	\$40,000.00	\$40,000.00	\$30,000.00	\$30,000.00		
7	Grading	1 L.S.	\$4,000.00	\$4,000.00	\$30,000.00	\$30,000.00		
8	Unsuitable Material Excavation & Backfill	50 C.Y.	\$50.00	\$2,500.00	\$50.00	\$2,500.00		
9	Contractor's Erosion Control Plan	1 L.S.	\$5,000.00	\$5,000.00	\$25,000.00	\$25,000.00		
10	Erosion Control	1203 L.F.	\$2.50	\$3,007.50	\$2.00	\$2,406.00		
11	Seeding	4.07 Acre	\$2,500.00	\$10,175.00	\$1,500.00	\$6,105.00		
12	Sodding	807 SQ.	\$40.00	\$32,280.00	\$50.00	\$40,350.00		
13	Erosion Control Mat	4520 S.Y.	\$1.50	\$6,780.00	\$2.00	\$9,040.00		
14	Plantings: Red Oak	10 Ea.	\$200.00	\$2,000.00	\$150.00	\$1,500.00		
15	Plantings: White Pine	18 Ea.	\$225.00	\$4,050.00	\$150.00	\$2,700.00		
16	Plantings: Sea Green Juniper	15 Ea.	\$75.00	\$1,125.00	\$75.00	\$1,125.00		
17	Structure Demolition - RCB at Indianola Ave.	1 L.S.	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00		
18	Structure Demolition - Culvert at S.E. 9th Street	1 L.S.	\$5,000.00	\$5,000.00	\$8,000.00	\$8,000.00		
19	Culvert Demolition - RCB at Gray Street	1 L.S.	\$7,000.00	\$7,000.00	\$9,000.00	\$9,000.00		
20	Abandon Sewer In-place w/ Flowable Mortar	15 C.Y.	\$200.00	\$3,000.00	\$200.00	\$3,000.00		
21	Gabion Wall Removal	1 L.S.	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00		
22	Pavement Removal	2881 S.Y.	\$12.00	\$34,572.00	\$12.00	\$34,572.00		
23	Sidewalk Removal (PCC and HMA)	355 S.Y.	\$10.00	\$3,550.00	\$10.00	\$3,550.00		
24	Engineering Fabric	867 S.Y.	-\$2.00	-\$1,734.00	\$2.00	\$1,734.00		
25	Riprap	1280 Ton	\$30.00	\$38,400.00	\$31.85	\$40,768.00		
26	Cabled - Concrete Mat CC45	350 S.Y.	\$110.00	\$38,500.00	\$115.00	\$40,250.00		
27	Cabled - Concrete Mat CC70	190 S.Y.	\$125.00	\$23,750.00	\$135.00	\$25,650.00		
28	Chain Link Fence - 48"	420 L.F.	\$20.00	\$8,400.00	\$16.25	\$6,825.00		
29	Chain Link Fence - 72"	60 L.F.	\$22.00	\$1,320.00	\$26.00	\$1,560.00		
30	Chain Link Gate - 10 ft	2 Ea.	\$500.00	\$1,000.00	\$420.00	\$840.00		
31	Wood Fence	258 L.F.	\$15.00	\$3,870.00	\$28.70	\$7,404.60		
32	Aggregate Surfacing	675 Ton	\$27.00	\$18,225.00	\$25.00	\$16,875.00		
33	HMA w/ Binder Commercial Mix for Parking Lot Paving, 6"	972 Ton	\$30.00	\$29,160.00	\$90.00	\$87,480.00		
34	HMA w/ Binder for Recreational Trail, 4"	337 S.Y.	\$23.00	\$7,751.00	\$30.00	\$10,110.00		
35	HMA Overlay, 2"	232 Ton	\$18.00	\$4,176.00	\$70.00	\$16,240.00		
36	Asphalt Binder	15 Ton	\$250.00	\$3,750.00	\$515.00	\$7,725.00		
37	Modified Sub-base	1330 C.Y.	\$27.00	\$35,910.00	\$30.00	\$39,900.00		
38	Portland Cement Concrete Pavement, 10"	463 S.Y.	\$65.00	\$30,095.00	\$66.00	\$30,558.00		
39	Portland Cement Concrete Pavement, 8"	2850 S.Y.	\$55.00	\$156,750.00	\$56.00	\$159,600.00		
40	Portland Cement Concrete Pavement, 7"	560 S.Y.	\$50.00	\$28,000.00	\$52.00	\$29,120.00		
41	Portland Cement Concrete Pavement, Driveway Approach	448 S.Y.	\$45.00	\$20,160.00	\$45.00	\$20,160.00		

ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
95	Cast-in-place RCB - Typical Section C	720 L.F.	\$1,100.00	\$792,000.00	\$800.00	\$576,000.00	\$800.00	\$576,000.00	\$975.00	\$702,000.00
96	Cast-in-place RCB - Typical Section D	480 L.F.	\$1,200.00	\$576,000.00	\$900.00	\$432,000.00	\$900.00	\$432,000.00	\$1,100.00	\$528,000.00
97	Cast-in-place RCB - Typical Section E Indianola Ave RCB Replacement	71 L.F.	\$1,000.00	\$71,000.00	\$900.00	\$63,900.00	\$900.00	\$63,900.00	\$750.00	\$53,250.00
98	Cast-in-place RCB - 9th Street	38 L.F.	\$1,400.00	\$53,200.00	\$1,050.00	\$39,900.00	\$1,600.00	\$60,800.00	\$2,000.00	\$76,000.00
99	RCB End Section at Gray Street	1 Ea.	\$27,000.00	\$27,000.00	\$25,000.00	\$25,000.00	\$32,000.00	\$32,000.00	\$21,000.00	\$21,000.00
100	RCB End Section at S.E. 9th Street	2 Ea.	\$25,700.00	\$51,400.00	\$20,000.00	\$40,000.00	\$28,000.00	\$56,000.00	\$28,000.00	\$56,000.00
101	Cast-in-place RCB - Transition Section, B to C	1 Ea.	\$21,200.00	\$21,200.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$19,620.00	\$19,620.00
102	Cast-in-place RCB - Transition Section, C to D	1 Ea.	\$21,700.00	\$21,700.00	\$20,000.00	\$20,000.00	\$22,000.00	\$22,000.00	\$22,000.00	\$22,000.00
103	Reinforced Concrete Box Manhole	10 Ea.	\$1,500.00	\$15,000.00	\$1,500.00	\$15,000.00	\$1,775.00	\$17,750.00	\$1,500.00	\$15,000.00
104	Monitoring Well Abandonment & Plugging	3 Ea.	\$500.00	\$1,500.00	\$500.00	\$1,500.00	\$500.00	\$1,500.00	\$1,050.00	\$3,150.00
105	Traffic Signal Modification	1 LS	\$28,000.00	\$28,000.00	\$25,995.73	\$25,995.73	\$27,000.00	\$27,000.00	\$27,295.52	\$27,295.52
				\$5,027,400.50		\$4,142,487.34		\$5,318,565.00		\$5,512,769.57
						-17.60%		+5.79%		+9.65%
						Low				
TOTAL CONSTRUCTION COST										
PERCENT OF ENGINEER'S ESTIMATE										

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
42	Concrete Sidewalk, 4"	674 S.Y.	\$40.00	\$26,960.00	\$41.00	\$27,634.00		
43	Truncated Dome	80 S.F.	\$30.00	\$2,400.00	\$32.00	\$2,560.00		
44	Curb and Gutter	1230 L.F.	\$20.00	\$24,600.00	\$22.00	\$27,060.00		
45	Storm Sewer Manhole Type M-A, 48"	6 Ea.	\$3,000.00	\$18,000.00	\$3,500.00	\$21,000.00		
46	Storm Sewer Manhole, Type M-A, 60"	1 Ea.	\$4,000.00	\$4,000.00	\$4,500.00	\$4,500.00		
47	Sanitary Sewer Manhole, Type A, 72" Ø	1 Ea.	\$5,000.00	\$5,000.00	\$7,500.00	\$7,500.00		
48	Sanitary Sewer Manhole, Type A, 84" Ø	2 Ea.	\$6,000.00	\$12,000.00	\$9,000.00	\$18,000.00		
49	Sanitary Sewer Manhole, Type A, 60" Ø	2 Ea.	\$4,000.00	\$8,000.00	\$5,500.00	\$11,000.00		
50	Sanitary Sewer Manhole, Type F, 16'x4' with two riser manholes	1 Ea.	\$20,000.00	\$20,000.00	\$35,000.00	\$35,000.00		
51	Intake - Type M-F	1 Ea.	\$2,500.00	\$2,500.00	\$3,200.00	\$3,200.00		
52	Intake - Type M-H	2 Ea.	\$2,000.00	\$4,000.00	\$2,000.00	\$4,000.00		
53	Intake Casting - Type R Grate	3 Ea.	\$500.00	\$1,500.00	\$550.00	\$1,650.00		
54	Intake - Type M-A	1 Ea.	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00		
55	Connect New Sewer Pipe to Existing Structure	5 Ea.	\$500.00	\$2,500.00	\$1,000.00	\$5,000.00		
56	Connect Existing Sewer Pipe to New Manhole	9 Ea.	\$500.00	\$4,500.00	\$1,000.00	\$9,000.00		
57	Sanitary Sewer, 12" Ø	103 L.F.	\$75.00	\$7,725.00	\$235.00	\$24,205.00		
58	Sanitary Sewer, 18" Ø	24 L.F.	\$120.00	\$2,880.00	\$478.00	\$11,472.00		
59	Sanitary Sewer, 24" Ø	86 L.F.	\$150.00	\$12,900.00	\$252.00	\$21,672.00		
60	Sanitary Sewer, 36" Ø	355 L.F.	\$380.00	\$134,900.00	\$600.00	\$213,000.00		
61	Sanitary Sewer, 42" Ø	47 L.F.	\$600.00	\$28,200.00	\$700.00	\$32,900.00		
62	Sanitary Sewer, 12" Ø Jacked or Bored w/Casing Pipe	57 L.F.	\$250.00	\$14,250.00	\$260.00	\$14,820.00		
63	Sanitary Service Line	7 Ea.	\$1,600.00	\$11,200.00	\$2,500.00	\$17,500.00		
64	Sanitary Sewer 11-¼" Bend, 42" Ø	1 Ea.	\$3,000.00	\$3,000.00	\$10,000.00	\$10,000.00		
65	Storm Sewer, 15" Ø	12 L.F.	\$60.00	\$720.00	\$128.00	\$1,536.00		
66	Storm Sewer, 21" Ø	161 L.F.	\$75.00	\$12,075.00	\$128.00	\$20,608.00		
67	Storm Sewer, 24" Ø	309 L.F.	\$80.00	\$24,720.00	\$132.00	\$40,788.00		
68	Storm Sewer, 30" Ø	108 L.F.	\$100.00	\$10,800.00	\$165.00	\$17,820.00		
69	30" Flared End Section	1 Ea.	\$750.00	\$750.00	\$3,000.00	\$3,000.00		
70	24" Storm Sewer Check Valve	2 Ea.	\$500.00	\$1,000.00	\$13,500.00	\$27,000.00		
71	8" Footing Drain Collector	95 L.F.	\$20.00	\$1,900.00	\$50.00	\$4,750.00		
72	Subdrain Cleanout	3 Ea.	\$250.00	\$750.00	\$1,000.00	\$3,000.00		
73	Check Depth of Water & Sanitary Services	5 Ea.	\$500.00	\$2,500.00	\$500.00	\$2,500.00		
74	Lower Water Service	5 Ea.	\$750.00	\$3,750.00	\$2,500.00	\$12,500.00		
75	Water Service Line, Far Side	2 Ea.	\$1,200.00	\$2,400.00	\$3,500.00	\$7,000.00		
76	Water Service Line Connection, Near Side	4 Ea.	\$1,000.00	\$4,000.00	\$1,500.00	\$6,000.00		
77	Water Main, 8" Ø PVC	308 L.F.	\$90.00	\$27,720.00	\$132.00	\$40,656.00		
78	Water Main, 8" Ø DI	121 L.F.	\$100.00	\$12,100.00	\$205.00	\$24,805.00		
79	Water Main, 24" Ø DI	62 L.F.	\$300.00	\$18,600.00	\$820.00	\$50,840.00		
80	Water Main, 8" Jacked or Bored	78 L.F.	\$150.00	\$11,700.00	\$225.00	\$17,550.00		
81	Water Main, 24" Jacked or Bored w/Casing Pipe	47 L.F.	\$450.00	\$21,150.00	\$460.00	\$21,620.00		
82	PCCP to DI Water Main Adaptor	2 Ea.	\$3,500.00	\$7,000.00	\$7,500.00	\$15,000.00		
83	Gate Valve, 8"	2 Ea.	\$1,000.00	\$2,000.00	\$1,875.00	\$3,750.00		
84	Gate Valve, 6"	1 Ea.	\$800.00	\$800.00	\$1,650.00	\$1,650.00		
85	Prepare Excavation for 8" Tapping Valve and Sleeve	1 Ea.	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00		
86	8" Bends	16 Ea.	\$350.00	\$5,600.00	\$350.00	\$5,600.00		
87	8" x 6" Reducer	2 Ea.	\$400.00	\$800.00	\$350.00	\$700.00		
88	8"x8" Tee	1 Ea.	\$400.00	\$400.00	\$350.00	\$350.00		
89	8" x 6" Tee	1 Ea.	\$350.00	\$350.00	\$350.00	\$350.00		
90	8" Sleeve	2 Ea.	\$300.00	\$600.00	\$350.00	\$700.00		
91	45 ° Bend for Water Main, 24"	8 Ea.	\$2,000.00	\$16,000.00	\$3,500.00	\$28,000.00		
92	Fire Hydrant Assembly	1 Ea.	\$3,000.00	\$3,000.00	\$4,200.00	\$4,200.00		

ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
93	Cast-in-place RCB - Typical Section A	406 L.F.	\$1,700.00	\$690,200.00	\$1,600.00	\$649,600.00				
94	Cast-in-place RCB - Typical Section B	1190.1 L.F.	\$1,100.00	\$1,309,110.00	\$1,500.00	\$1,785,150.00				
95	Cast-in-place RCB - Typical Section C	720 L.F.	\$1,100.00	\$792,000.00	\$1,000.00	\$720,000.00				
96	Cast-in-place RCB - Typical Section D	480 L.F.	\$1,200.00	\$576,000.00	\$1,100.00	\$528,000.00				
97	Cast-in-place RCB - Typical Section E Indianola Ave RCB Replacement	71 L.F.	\$1,000.00	\$71,000.00	\$900.00	\$63,900.00				
98	Cast-in-place RCB - 9th Street	38 L.F.	\$1,400.00	\$53,200.00	\$1,300.00	\$49,400.00				
99	RCB End Section at Gray Street	1 Ea.	\$27,000.00	\$27,000.00	\$25,000.00	\$25,000.00				
100	RCB End Section at S.E. 9th Street	2 Ea.	\$25,700.00	\$51,400.00	\$20,000.00	\$40,000.00				
101	Cast-in-place RCB - Transition Section, B to C	1 Ea.	\$21,200.00	\$21,200.00	\$20,000.00	\$20,000.00				
102	Cast-in-place RCB - Transition Section, C to D	1 Ea.	\$21,700.00	\$21,700.00	\$20,000.00	\$20,000.00				
103	Reinforced Concrete Box Manhole	10 Ea.	\$1,500.00	\$15,000.00	\$1,500.00	\$15,000.00				
104	Monitoring Well Abandonment & Plugging	3 Ea.	\$500.00	\$1,500.00	\$1,500.00	\$4,500.00				
105	Traffic Signal Modification	1 LS	\$28,000.00	\$28,000.00	\$26,000.00	\$26,000.00				
				\$5,027,400.50	\$6,153,568.60		\$0.00		\$0.00	
					+22.40%		-100.00%		-100.00%	

TOTAL CONSTRUCTION COST
PERCENT OF ENGINEER'S ESTIMATE