



Roll Call Number

Agenda Item Number

59

DATE March 20, 2006

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON CLOSSES CREEK WATERSHED - 26TH STREET DETENTION AND STORM IMPROVEMENTS; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIBLE, RESPONSIVE BIDDER AS ELDER CORPORATION, JARED R. ELDER, PRESIDENT, \$2,836,999.99

WHEREAS, on February 20, 2006, under Roll Call No. 06-329, 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:

Closes Creek Watershed - 26th Street Detention and Storm Improvements, 08-2005-007

Construction of a detention basin (including an earth dam with primary and emergency spillways), relocating sanitary sewer, a 10' X 7' reinforced concrete box culvert extension, and other incidental items; in accordance with the contract documents, including Plans File Nos. 458-053/093, on the Closes Creek Watershed in the general area of 26th Street and Hickman Road

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:

- | | |
|--|---------------------|
| Elder Corporation | Des Moines, IA |
| Reilly Construction Co., Inc. & Affiliates | Ossian, IA |
| Corell Contractor, Inc. | West Des Moines, IA |

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 March 7, 2006. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.



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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 Elder Corporation, Jared R. Elder II, President, 5088 E. University Avenue, Des Moines, IA, 50327 in the amount of \$2,836,999.99, and said bid be and the same is hereby accepted.

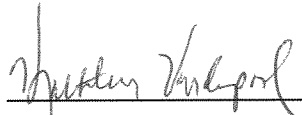
BE IT FURTHER RESOLVED: That the bid security of the unsuccessful bidders be and is hereby authorized and directed to be returned.

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 06-161 attached.)

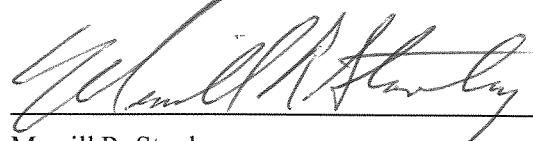
Moved by _____ to adopt.

FORM APPROVED:



Kathleen Vanderpool
Deputy City Attorney

FUNDS AVAILABLE



Merrill R. Stanley
Assistant City Manager/Finance Director

Funding Source: 2006-2007 CIP, Page STE-7, Closes Creek Watershed Improvements, STE068, Storm Water Utility Funds



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JB

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

MOTION CARRIED APPROVED

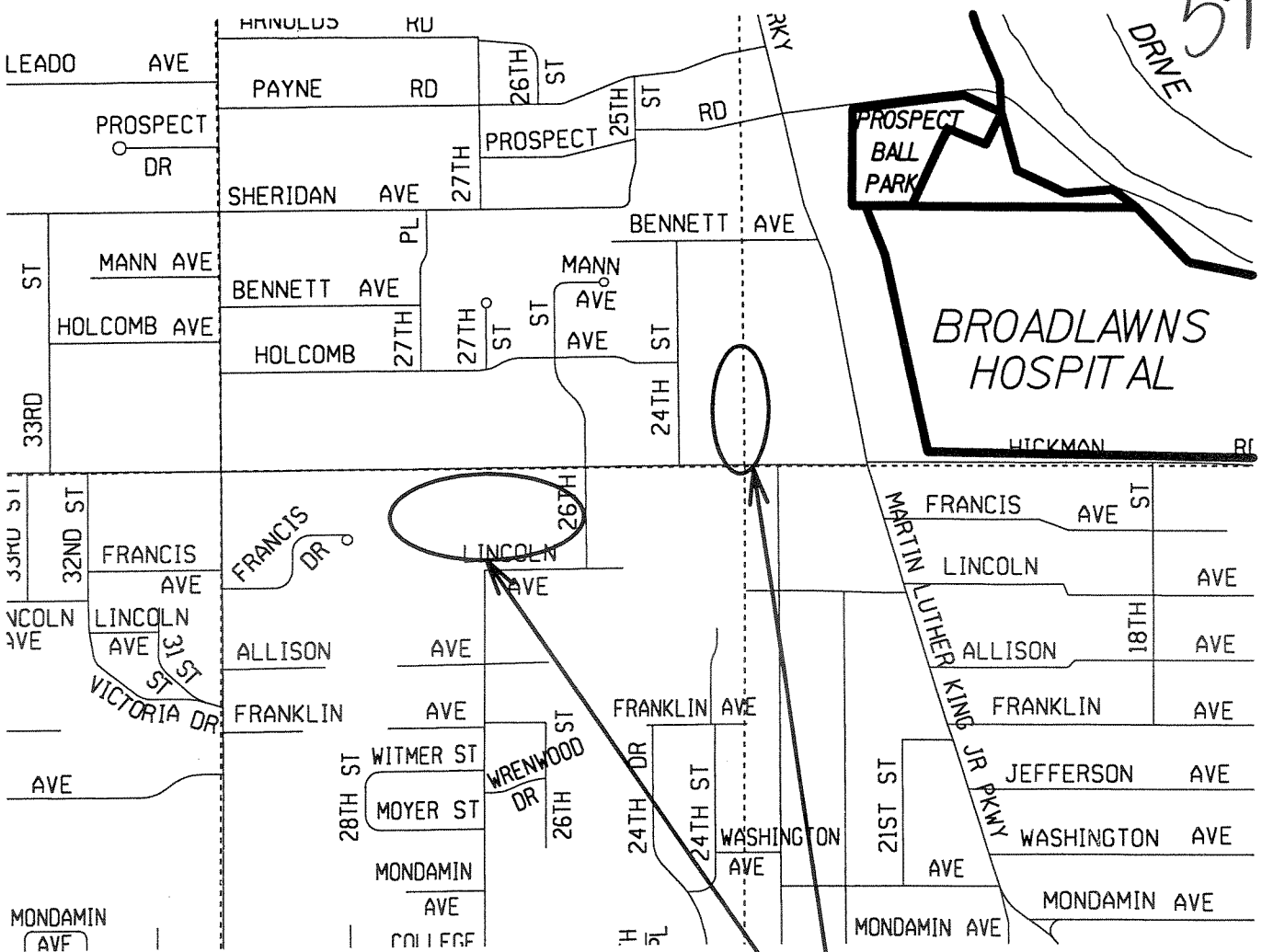
Mayor

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.

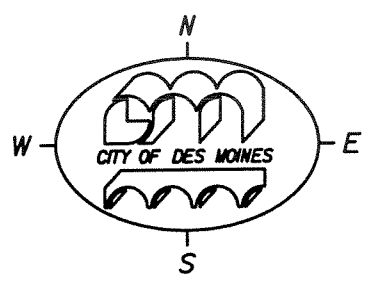
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

City Clerk

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DRIVE



**PROJECT
LOCATION**



**CLOSES CREEK WATERSHED - 26th
STREET DETENTION AND
STORM IMPROVEMENTS**

ACTIVITY I.D. 08-2005-007

TABULATED BY: M Becker
CHECKED BY: J. M. Morka

APPROVED BY: John F. Males

CONTRACTOR'S BID TABULATION
PROJECT: Closes Creek Watershed-26th Street Detention and Storm Improvements

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT	Elder Corporation Des Moines, IA		Reilly Construction Ossian, IA		Corell Contractor, Inc. West Des Moines, IA	
						BID SECURITY 10% Bid Bond BID PRICE	AMOUNT	BID SECURITY 10% Bid Bond BID PRICE	AMOUNT	BID SECURITY 10% Bid Bond BID PRICE	AMOUNT
1	Mobilization	1 LS	UNIT	\$100,000.00	\$100,000.00	\$73,887.74	\$73,887.74	\$80,000.00	\$80,000.00	\$63,206.00	\$63,206.00
2	Silt Fence, Engineering Fabric	390 LF	UNIT	\$3.00	\$1,170.00	\$1.75	\$682.50	\$1.70	\$663.00	\$3.00	\$1,170.00
3	Silt Fence, Filter Sock	3400 LF	UNIT	\$2.00	\$6,800.00	\$1.75	\$5,950.00	\$1.70	\$5,780.00	\$3.00	\$10,200.00
4	Traffic Control	1 LS	UNIT	\$4,000.00	\$4,000.00	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00	\$7,087.00	\$7,087.00
5	Clearing and Grubbing	1 LS	UNIT	\$75,000.00	\$75,000.00	\$73,000.00	\$73,000.00	\$62,000.00	\$62,000.00	\$74,160.00	\$74,160.00
6	Core Out Excavation	2000 CY	UNIT	\$7.00	\$14,000.00	\$7.50	\$15,000.00	\$7.80	\$15,600.00	\$10.34	\$20,680.00
7	Select Backfill	500 CY	UNIT	\$7.00	\$3,500.00	\$10.00	\$5,000.00	\$10.00	\$5,000.00	\$11.89	\$5,945.00
8	Strip, Salvage, Spread Topsoil	4757 CY	UNIT	\$6.00	\$28,542.00	\$4.75	\$22,595.75	\$3.90	\$18,552.30	\$5.57	\$26,496.49
9	Excavation, Class 13	13581 CY	UNIT	\$5.00	\$67,905.00	\$2.50	\$33,952.50	\$3.90	\$52,965.90	\$3.18	\$43,187.58
10	Excavation, Class 13, Cutoff Trench	529 CY	UNIT	\$6.00	\$3,174.00	\$13.50	\$7,141.50	\$3.90	\$2,063.10	\$14.33	\$7,580.57
11	Excavation, Class 13, Dam Foundation Strip	6758 CY	UNIT	\$5.00	\$33,790.00	\$8.50	\$57,443.00	\$3.90	\$26,356.20	\$10.31	\$69,674.98
12	Embankment in Place	63175 CY	UNIT	\$4.00	\$252,700.00	\$2.85	\$180,048.75	\$2.80	\$176,890.00	\$1.96	\$123,823.00
13	Borrow	63175 CY	UNIT	\$8.00	\$505,400.00	\$7.00	\$442,225.00	\$8.00	\$505,400.00	\$7.69	\$485,815.75
14	Disposal, Rubble	6000 CY	UNIT	\$15.00	\$90,000.00	\$17.00	\$102,000.00	\$19.50	\$117,000.00	\$15.00	\$90,000.00
15	Pavement Removal	451 SY	UNIT	\$10.00	\$4,510.00	\$6.50	\$2,931.50	\$7.10	\$3,202.10	\$9.00	\$4,059.00
16	Drill and Dowel Pavement	127 LF	UNIT	\$8.00	\$1,016.00	\$4.00	\$508.00	\$6.00	\$762.00	\$10.30	\$1,308.10
17	Subgrade Preparation	1746 SY	UNIT	\$3.00	\$5,238.00	\$2.50	\$4,365.00	\$1.50	\$2,619.00	\$3.00	\$5,238.00
18	Geogrid, Type 1	303 SY	UNIT	\$6.00	\$1,818.00	\$6.50	\$1,989.50	\$3.25	\$984.75	\$4.60	\$1,393.80
19	Pavement, 7" PCC	1355 SY	UNIT	\$50.00	\$67,750.00	\$42.00	\$56,910.00	\$40.00	\$54,200.00	\$36.05	\$48,847.75
20	Pavement, 6" PCC	729 SY	UNIT	\$45.00	\$32,805.00	\$35.50	\$25,879.50	\$36.00	\$26,244.00	\$36.05	\$26,260.45
21	Sidewalk, 4" PCC	1128 SF	UNIT	\$4.00	\$4,512.00	\$3.00	\$3,384.00	\$3.75	\$4,230.00	\$2.88	\$3,248.64
22	Curb and Gutter, 10" PCC	19 LF	UNIT	\$30.00	\$570.00	\$20.00	\$380.00	\$35.00	\$665.00	\$20.60	\$391.40
23	Granular Surfacing, 2.5" Clean, 6" Depth	75 TON	UNIT	\$20.00	\$1,500.00	\$30.50	\$2,287.50	\$16.50	\$1,237.50	\$22.00	\$1,650.00
24	Granular Surfacing, Temporary	50 TON	UNIT	\$20.00	\$1,000.00	\$27.50	\$1,375.00	\$16.50	\$825.00	\$26.00	\$1,300.00
25	Drainfill, Fine Gradation	252 CY	UNIT	\$40.00	\$10,080.00	\$34.50	\$8,694.00	\$30.00	\$7,560.00	\$29.50	\$7,434.00
26	Drainfill, Coarse Gradation	347 CY	UNIT	\$50.00	\$17,350.00	\$57.00	\$19,779.00	\$60.00	\$20,820.00	\$48.50	\$16,829.50
27	Removal, Storm Sewer Pipe	37 LF	UNIT	\$15.00	\$555.00	\$12.50	\$462.50	\$7.00	\$2,590.00	\$27.00	\$999.00
28	Removal, Storm Sewer Structure	1 EA	UNIT	\$500.00	\$500.00	\$450.00	\$450.00	\$2,000.00	\$2,000.00	\$750.00	\$750.00
29	Removal, Channel Grade Control Structure	2 EA	UNIT	\$1,000.00	\$2,000.00	\$1,400.00	\$2,800.00	\$1,100.00	\$2,200.00	\$2,815.00	\$5,630.00
30	Removal, Headwall	1 LS	UNIT	\$5,000.00	\$5,000.00	\$9,100.00	\$9,100.00	\$9,000.00	\$9,000.00	\$4,520.00	\$4,520.00
31	Removal, Sanitary Sewer Pipe	706 LF	UNIT	\$15.00	\$10,590.00	\$17.00	\$12,002.00	\$45.00	\$31,770.00	\$32.30	\$22,803.80
32	Removal, Sanitary Sewer Structure	6 EA	UNIT	\$700.00	\$4,200.00	\$730.00	\$4,380.00	\$2,000.00	\$12,000.00	\$1,000.00	\$6,000.00
33	Sewer Abandonment, Flowable Mortar	36 CY	UNIT	\$70.00	\$2,520.00	\$170.00	\$6,120.00	\$200.00	\$7,200.00	\$230.00	\$8,280.00
34	Trench Bottom Stabilization	1500 CY	UNIT	\$20.00	\$30,000.00	\$34.00	\$51,000.00	\$15.00	\$22,500.00	\$33.50	\$50,250.00
35	Granular Backfill	2000 CY	UNIT	\$15.00	\$30,000.00	\$18.00	\$36,000.00	\$15.00	\$30,000.00	\$35.60	\$71,200.00
36	Sewer, Storm, 24" RCP, Class III	34 LF	UNIT	\$100.00	\$3,400.00	\$80.00	\$2,720.00	\$130.00	\$4,420.00	\$81.75	\$2,779.50
37	Sewer, Storm, Low Head Reinforced Concrete Pressure Pipe, 48"	66 LF	UNIT	\$300.00	\$19,800.00	\$390.00	\$25,740.00	\$517.00	\$34,122.00	\$653.30	\$36,517.80
38	Sewer, Storm, Low Head Reinforced Concrete Pressure Pipe, 72"	232 LF	UNIT	\$500.00	\$116,000.00	\$590.00	\$136,880.00	\$579.50	\$134,444.00	\$552.80	\$146,099.60
39	Sewer, Storm, 10" x 7' Precast RCB	194 LF	UNIT	\$750.00	\$145,500.00	\$530.00	\$102,820.00	\$520.00	\$100,880.00	\$893.50	\$173,339.00
40	Sewer, Sanitary, 8" PVC	114 LF	UNIT	\$75.00	\$8,550.00	\$90.00	\$10,260.00	\$65.00	\$7,410.00	\$87.00	\$9,918.00
41	Sewer, Sanitary, 12" PVC	152 LF	UNIT	\$85.00	\$12,920.00	\$100.00	\$15,200.00	\$75.00	\$11,400.00	\$110.75	\$16,834.00

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ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT	UNIT	PRICE	AMOUNT	UNIT	PRICE	AMOUNT	UNIT	PRICE	AMOUNT
42	Sewer, Sanitary, 24" PVC	270 LF		\$120.00	\$32,400.00									
43	Sewer, Sanitary, 24" DIP	255 LF		\$175.00	\$44,625.00									
44	Manhole, Storm, Type M-A	1 EA		\$2,500.00	\$2,500.00									
45	Manhole, Storm, Type M-E, Modified	2 EA		\$2,500.00	\$5,000.00									
46	Manhole, Sanitary, Type A	6 EA		\$4,000.00	\$24,000.00									
47	Manhole, Sanitary, Casting Replacement	3 EA		\$500.00	\$1,500.00									
48	Sewer, Sanitary, Drop Connection, 8"	1 EA		\$1,500.00	\$1,500.00									
49	Sewer, Sanitary, Drop Connection, 12"	2 EA		\$1,500.00	\$3,000.00									
50	Flared End Section, 24" RCP	1 EA		\$1,200.00	\$1,200.00									
51	Flared End Section, 48" Low Head RCP	1 EA		\$2,000.00	\$2,000.00									
52	Flared End Section, 72" Low Head RCP	1 EA		\$4,000.00	\$4,000.00									
53	Flared End Section, 10' x 7' RCB, Precast Assembly	1 EA		\$5,000.00	\$5,000.00									
54	Sanitary Sewer Service Adjustment	90 LF		\$75.00	\$6,750.00									
55	Subdrain, A2000 PVC, 4" Perforated	216 LF		\$20.00	\$4,320.00									
56	Subdrain, A2000 PVC, 6" Perforated	733 LF		\$20.00	\$14,660.00									
57	Subdrain, A2000 PVC, 6" Non-Perforated	81 LF		\$20.00	\$1,620.00									
58	Subdrain, Outlet, Type 1	3 EA		\$300.00	\$900.00									
59	Sewer Pipe Supports	1 EA		\$500.00	\$500.00									
60	Rip Rap, Class E	2561 TON		\$50.00	\$128,050.00									
61	Articulated Concrete Block, Emergency Spillway	23468 SF		\$8.00	\$187,744.00									
62	Articulated Concrete Block, Outlet Channel	13427 SF		\$6.00	\$80,562.00									
63	Temporary Erosion Mat	877 SY		\$4.00	\$3,508.00									
64	Permanent Turf Reinforcement Mat	2653 SY		\$6.00	\$15,918.00									
65	Fence Removal	239 LF		\$4.00	\$956.00									
66	Fence, Chain Link, 4'	236 LF		\$6.00	\$1,416.00									
67	Fence, Wood, 6'	167 LF		\$12.00	\$2,004.00									
68	Chain Link Gate, 4' x 18'	1 LS		\$1,000.00	\$1,000.00									
69	Temporary Fence	208 LF		\$3.00	\$624.00									
70	Sodding	298 SQ		\$35.00	\$10,430.00									
71	Seeding, Fertilization - Lawn Mixture	5.6 AC		\$2,000.00	\$11,200.00									
72	Temporary Seeding	6.1 AC		\$1,000.00	\$6,100.00									
73	Mulching	6.1 AC		\$750.00	\$4,575.00									
74	Composting, Haul and Spread, 2"	5.6 AC		\$1,000.00	\$5,600.00									
75	Basin Inlet Structure	1 LS		\$75,000.00	\$75,000.00									
76	Retaining Wall	1 LS		\$110,000.00	\$110,000.00									
77	Special RCB Connection	1 LS		\$5,000.00	\$5,000.00									
78	Trash Rack, Channel	1 LS		\$15,000.00	\$15,000.00									
79	Trash Rack, Basin Inlet Structure	1 LS		\$6,000.00	\$6,000.00									
80	Culvert Cleanout, Hickman Road	1 LS		\$25,000.00	\$25,000.00									
81	Structural Repair Concrete	30 CY		\$150.00	\$4,500.00									
82	Temporary Channel	1 LS		\$5,000.00	\$5,000.00									
83	Erosion Control	1 LS		\$3,500.00	\$3,500.00									
84	Project Sign "Large"	1 EA		\$1,000.00	\$1,000.00									
85	Construction Survey	1 LS		\$15,000.00	\$15,000.00									

TOTAL CONSTRUCTION COST \$2,605,827.00

PERCENT OF ENGINEER'S ESTIMATE \$2,836,999.99 +8.87% Low

\$2,854,925.65 +9.56%

\$3,062,010.98 +17.51%