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DATE April 23, 2012

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON 2012 LEVEE IMPROVEMENTS - CONTRACT 1; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS REILLY CONSTRUCTION CO., INC., CHRIS R. REILLY, PRESIDENT, \$438,067.00

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WHEREAS, on March 26, 2012, under Roll Call No. 12-0437, 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:

2012 Levee Improvements - Contract 1, 08-2012-003

The improvement includes repair, replacement, modifications and incidental items at three locations: the 2nd Avenue and Birdland Drive stormwater pump station location includes grading, sewer, aggregate base, P.C.C. paving of an access drive, wall-gate modifications, minor electrical conduit relocation, and levee seeding restoration; the S.E. 15th and Harriett Streets location includes removal of 12" CMP culvert through the Des Moines River levee, installation of a 24" RCP storm sewer and intakes, gatewell, outlet sewer, construction of associated street repairs, chain link fence, and levee seeding restoration; the Dean's Lake location includes replacement of a gatewell structure, replacing a 36" CMP culvert with 36" RCP storm sewer, placement of embankment and rip rap to flatten the levee slope, repair an area of eroded levee, and levee seeding restoration; all work in accordance with the contract documents including Plan File Nos. 543-001/017, 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:

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★ **Roll Call Number**

**Agenda Item Number**

44

DATE April 23, 2012

Reilly Construction Co., Inc.	Ossian, IA
Raccoon Valley Contractors, LLC.	Waukee, IA
Elder Corporation	Des Moines, IA
MPS Engineers, P.C.	Des Moines, IA
H & W Contracting LLC	Sioux Falls, SD

which were received and opened at a public meeting presided over by the Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa at 11:00 a.m. on April 10, 2012. 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 Reilly Construction Co., Inc., Chris R. Reilly, President, 110 E. Main Street, PO Box 99, Ossian, IA, 52161 in the amount of \$438,067.00, and said bid be and the same is hereby accepted.

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

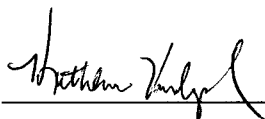
BE IT FURTHER RESOLVED: That the Engineer is hereby directed to secure execution by the lowest responsible, responsive Bidder and its surety of the contract documents in the form heretofore approved by this Council; that the Engineer is directed to thereafter present said contract documents to this Council 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.

(City Council Communication Number 12-179 attached.)

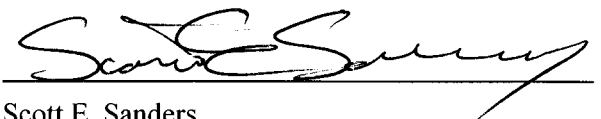
Moved by \_\_\_\_\_ to adopt.

FORM APPROVED:


FUNDS AVAILABLE



Kathleen Vanderpool  
Deputy City Attorney



Scott E. Sanders  
Des Moines Finance Director

 Funding Source: 2012-2013 CIP, Page Storm - 11, Flood Protection System Improvements, FLD008, Storm Water Utility Funds

★ **Roll Call Number**

**Agenda Item Number**

44

DATE April 23, 2012

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
GRIESS				
HENSLEY				
MAHAFFEY				
MEYER				
MOORE				
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. Rydberg APPROVED BY: R. DeGroot

CONTRACTOR'S BID TABULATION

PROJECT: 2012 LEVEE IMPROVEMENTS - CONTRACT 1

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT	CONTRACTOR Reilly Const. Co. Ossian, IA			CONTRACTOR Raccoon Valley Contractors Waukeee, IA			CONTRACTOR Elder Corporation Des Moines, IA		
						BID SECURITY 10% Bid Bond	BID PRICE	UNIT	PRICE	AMOUNT	BID SECURITY 10% Bid Bond	BID PRICE	UNIT	PRICE
1	Traffic Control	1 LS		\$5,477.50	\$5,477.50	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	
2	Mobilization	1 LS		\$40,000.00	\$40,000.00	\$15,000.00	\$15,000.00	\$36,077.00	\$36,077.00	\$36,926.50	\$36,926.50	\$36,926.50	\$36,926.50	
3	Clearing and Grubbing	1 LS		\$27,250.00	\$27,250.00	\$10,000.00	\$10,000.00	\$6,000.00	\$6,000.00	\$19,000.00	\$19,000.00	\$19,000.00	\$19,000.00	
4	Demolition	1 LS		\$10,500.00	\$10,500.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	
5	Excavation, Class 10	635 CY		\$12.00	\$7,620.00	\$12.00	\$7,620.00	\$5.00	\$3,175.00	\$14.00	\$8,890.00	\$14.00	\$8,890.00	
6	Embankment in Place	6210 CY		\$20.00	\$124,200.00	\$18.50	\$114,885.00	\$18.00	\$111,780.00	\$18.00	\$111,780.00	\$18.00	\$111,780.00	
7	Topsoil, Strip, Salvage and Spread	660 CY		\$10.00	\$6,600.00	\$12.00	\$7,920.00	\$7.00	\$4,620.00	\$9.00	\$5,940.00	\$9.00	\$5,940.00	
8	Granular Surfacing	206 TON		\$25.00	\$5,150.00	\$29.00	\$5,974.00	\$30.00	\$6,180.00	\$21.00	\$4,326.00	\$21.00	\$4,326.00	
9	Electrical	1 LS		\$10,000.00	\$10,000.00	\$4,000.00	\$4,000.00	\$1,000.00	\$1,000.00	\$2,400.00	\$2,400.00	\$2,400.00	\$2,400.00	
10	Seeding - Levee Mix, Fert. & mulch	693 SQ		\$20.00	\$13,860.00	\$9.00	\$6,237.00	\$8.00	\$5,544.00	\$6.00	\$4,158.00	\$6.00	\$4,158.00	
11	Pipe Gate	1 EA		\$4,000.00	\$4,000.00	\$5,500.00	\$5,500.00	\$3,000.00	\$3,000.00	\$3,200.00	\$3,200.00	\$3,200.00	\$3,200.00	
12	Silt Fence Placement	1955 LF		\$3.00	\$5,865.00	\$2.00	\$3,910.00	\$1.60	\$3,128.00	\$1.85	\$3,616.75	\$1.85	\$3,616.75	
13	Silt Fence Removal	1955 LF		\$0.50	\$977.50	\$1.00	\$1,955.00	\$0.20	\$391.00	\$0.25	\$488.75	\$0.25	\$488.75	
14	Driveway 6" PCC	300 SY		\$60.00	\$18,000.00	\$60.00	\$18,000.00	\$38.00	\$11,400.00	\$40.50	\$12,150.00	\$40.50	\$12,150.00	
15	Modified Subbase Material	423 SY		\$10.00	\$4,230.00	\$17.00	\$7,191.00	\$10.00	\$4,230.00	\$8.50	\$3,595.50	\$8.50	\$3,595.50	
16	New Gate in Pump Station	1 EA		\$12,000.00	\$12,000.00	\$7,000.00	\$7,000.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	
17	36" RCP Storm Sewer	94 LF		\$180.00	\$16,920.00	\$140.00	\$13,160.00	\$300.00	\$28,200.00	\$90.00	\$8,460.00	\$90.00	\$8,460.00	
18	36" Flap Gate	1 EA		\$3,500.00	\$3,500.00	\$3,000.00	\$3,000.00	\$10,000.00	\$10,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00	
19	36" RCP Apron	1 EA		\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	
20	24" RCP Storm Sewer	540 LF		\$120.00	\$64,800.00	\$90.00	\$48,600.00	\$100.00	\$54,000.00	\$77.00	\$41,580.00	\$77.00	\$41,580.00	
21	15" RCP Storm Sewer	50 LF		\$120.00	\$6,000.00	\$75.00	\$3,750.00	\$200.00	\$10,000.00	\$66.50	\$3,325.00	\$66.50	\$3,325.00	
22	Major Manhole Adjustment	1 EA		\$5,000.00	\$5,000.00	\$4,500.00	\$4,500.00	\$4,000.00	\$4,000.00	\$2,400.00	\$2,400.00	\$2,400.00	\$2,400.00	
23	Intake - SW 512 w/SW 604 type 3 Grate	1 EA		\$3,000.00	\$3,000.00	\$1,200.00	\$1,200.00	\$1,500.00	\$1,500.00	\$1,800.00	\$1,800.00	\$1,800.00	\$1,800.00	
24	Intake - SW 502 w/SW 603 Type R Casting	1 EA		\$5,000.00	\$5,000.00	\$4,500.00	\$4,500.00	\$3,000.00	\$3,000.00	\$3,900.00	\$3,900.00	\$3,900.00	\$3,900.00	
25	Intake - SW 402 MH, 5'x4' w/SW 604 Type 6 Grate	1 EA		\$8,000.00	\$8,000.00	\$5,500.00	\$5,500.00	\$5,000.00	\$5,000.00	\$5,300.00	\$5,300.00	\$5,300.00	\$5,300.00	
26	Intake - SW 402 MH, 4'x4' w/SW 604 Type 6 Grate	2 EA		\$6,000.00	\$12,000.00	\$4,800.00	\$9,600.00	\$4,000.00	\$8,000.00	\$4,400.00	\$8,800.00	\$4,400.00	\$8,800.00	
27	Connection to existing Utility Structure	3 EA		\$1,000.00	\$3,000.00	\$900.00	\$2,700.00	\$1,000.00	\$3,000.00	\$1,400.00	\$4,200.00	\$1,400.00	\$4,200.00	
28	HMA, 6" (1M ESAL), PG 64-22	73 SY		\$50.00	\$3,650.00	\$55.00	\$4,015.00	\$75.00	\$5,475.00	\$54.50	\$3,978.50	\$54.50	\$3,978.50	
29	Cast-in-Place Concrete Gate Well Structure	1 EA		\$60,000.00	\$60,000.00	\$46,000.00	\$46,000.00	\$54,000.00	\$54,000.00	\$81,000.00	\$81,000.00	\$81,000.00	\$81,000.00	
30	Revetment Stone, Class E	1000 EA		\$40.00	\$40,000.00	\$45.00	\$45,000.00	\$51.00	\$51,000.00	\$44.00	\$44,000.00	\$44.00	\$44,000.00	
31	Spot Repair of 30" CMP	5 LF		\$60.00	\$300.00	\$140.00	\$700.00	\$100.00	\$500.00	\$221.00	\$1,105.00	\$221.00	\$1,105.00	
32	30" CMP Apron	1 EA		\$1,000.00	\$1,000.00	\$900.00	\$900.00	\$1,500.00	\$1,500.00	\$960.00	\$960.00	\$960.00	\$960.00	
33	Removal of Garbage/Construction Debris	250 CY		\$4.00	\$1,000.00	\$35.00	\$8,750.00	\$80.00	\$20,000.00	\$60.00	\$15,000.00	\$60.00	\$15,000.00	
34	Remove and Reinstall Chain Link Fence	40 LF		\$15.00	\$600.00	\$50.00	\$2,000.00	\$20.00	\$800.00	\$55.50	\$2,220.00	\$55.50	\$2,220.00	
TOTAL CONSTRUCTION COST					\$531,000.00	\$438,067.00	\$438,067.00	\$481,500.00	\$481,500.00	\$485,000.00	\$485,000.00	\$485,000.00	\$485,000.00	
PERCENT OF ENGINEER'S ESTIMATE						-17.50%	-17.50%	-9.32%	-9.32%	-8.66%	-8.66%	-8.66%	-8.66%	

44

**CONTRACTOR'S BID TABULATION**

**PROJECT: 2012 LEVEE IMPROVEMENTS - CONTRACT 1**

**ESTIMATE**

ITEM	DESCRIPTION	CONTRACTOR MPS Engineers, P.C. Des Moines, IA			CONTRACTOR HI & W Contracting LLC Sioux Falls, SD			CONTRACTOR
		QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	BID SECURITY	
1	Traffic Control	1 LS	\$5,477.50	\$5,477.50	\$7,500.00	\$7,500.00		
2	Mobilization	1 LS	\$40,000.00	\$40,000.00	\$45,000.00	\$45,000.00		
3	Clearing and Grubbing	1 LS	\$27,250.00	\$27,250.00	\$30,000.00	\$30,000.00		
4	Demolition	1 LS	\$10,500.00	\$10,500.00	\$10,000.00	\$10,000.00		
5	Excavation, Class 10	635 CY	\$12.00	\$7,620.00	\$16.00	\$10,160.00		
6	Embankment in Place	6210 CY	\$20.50	\$124,200.00	\$24.50	\$152,145.00		
7	Topsoil, Strip, Salvage and Spread	660 CY	\$10.00	\$6,600.00	\$11.50	\$7,590.00		
8	Granular Surfacing	206 TON	\$25.00	\$5,150.00	\$25.50	\$5,253.00		
9	Electrical	1 LS	\$10,000.00	\$10,000.00	\$5,000.00	\$4,500.00		
10	Seeding - Levee Mix, Fert. & mulch	693 SQ	\$20.00	\$13,860.00	\$8,316.00	\$3,811.50		
11	Pipe Gate	1 EA	\$4,000.00	\$4,000.00	\$4,870.00	\$4,870.00		
12	Silt Fence Placement	1955 LF	\$3.00	\$5,865.00	\$2.60	\$5,083.00		
13	Silt Fence Removal	1955 LF	\$0.50	\$977.50	\$0.40	\$782.00		
14	Driveway 6" PCC	300 SY	\$60.00	\$18,000.00	\$50.00	\$15,000.00		
15	Modified Subbase Material	423 SY	\$10.00	\$4,230.00	\$10.00	\$4,230.00		
16	New Gate in Pump Station	1 EA	\$12,000.00	\$12,000.00	\$13,700.00	\$13,350.00		
17	36" RCP Storm Sewer	94 LF	\$180.00	\$16,920.00	\$156.00	\$14,664.00		
18	36" Flap Gate	1 EA	\$3,500.00	\$3,500.00	\$10,500.00	\$9,212.50		
19	36" RCP Apron	1 EA	\$1,500.00	\$1,500.00	\$1,750.00	\$2,500.00		
20	24" RCP Storm Sewer	540 LF	\$120.00	\$64,800.00	\$102.00	\$55,080.00		
21	15" RCP Storm Sewer	50 LF	\$120.00	\$6,000.00	\$80.00	\$4,000.00		
22	Major Manhole Adjustment	1 EA	\$5,000.00	\$5,000.00	\$4,000.00	\$4,000.00		
23	Intake - SW 512 w/SW 604 type 3 Grate	1 EA	\$3,000.00	\$3,000.00	\$3,200.00	\$3,042.00		
24	Intake - SW 502 w/SW 603 Type R Casting	1 EA	\$5,000.00	\$5,000.00	\$4,800.00	\$4,531.50		
25	Intake - SW 402 MH, 5'x4' w/SW 604 Type 6 Grate	1 EA	\$8,000.00	\$8,000.00	\$7,900.00	\$7,743.00		
26	Intake - SW 402 MH, 4'x4' w/SW 604 Type 6 Grate	2 EA	\$6,000.00	\$12,000.00	\$6,800.00	\$13,600.00		
27	Connection to existing Utility Structure	3 EA	\$1,000.00	\$3,000.00	\$2,700.00	\$2,880.00		
28	HMA, 6" (1M ESAL), PG 64-22	73 SY	\$50.00	\$3,650.00	\$56.21.00	\$3,869.00		
29	Cast-in-Place Concrete Gate Well Structure	1 EA	\$60,000.00	\$60,000.00	\$74,496.00	\$45,000.00		
30	Revetment Stone, Class E	1000 EA	\$40.00	\$40,000.00	\$46.00	\$46,000.00		
31	Spot Repair of 30" CMP	5 LF	\$60.00	\$300.00	\$60.00	\$300.00		
32	30" CMP Apron	1 EA	\$1,000.00	\$1,000.00	\$1,500.00	\$1,000.00		
33	Removal of Garbage/Construction Debris	250 CY	\$4.00	\$1,000.00	\$6.00	\$1,500.00		
34	Remove and Reinstall Chain Link Fence	40 LF	\$15.00	\$600.00	\$15.00	\$600.00		
TOTAL CONSTRUCTION COST				\$531,000.00		\$533,039.00		
PERCENT OF ENGINEER'S ESTIMATE						+0.38%		
						\$565,837.50		
						+6.56%		

44