

DATE March 26, 2012

ORDERING CONSTRUCTION OF  
2012 LEVEE IMPROVEMENTS - CONTRACT 1  
AND FIXING A DATE FOR RECEIVING OF BIDS ON APRIL 10, 2012  
AND PUBLIC HEARING ON APRIL 23, 2012  
ENGINEER'S ESTIMATE IS \$531,000.00

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached communication recommending construction of the following improvement and the method of financing; and also including the recommendation of the Des Moines City Engineer, as the Engineer, submitting plans, specifications, form of contract documents, and Engineer's estimate of cost 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 existing stormwater pump stations: the 2nd Avenue and Birdland Drive stormwater pump station 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 stormwater pump station 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 stormwater pump station 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

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$531,000.00. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.

BE IT FURTHER RESOLVED: That this Council hereby determines that it is necessary and advisable to construct said improvement in the manner set forth in the plans, specifications, and form of contract documents submitted by the Engineer; and that payment for the cost of said improvement shall be paid from the funding source identified below.

BE IT FURTHER RESOLVED: That a public hearing on said plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement be held in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa, at 5:00 p.m. on April 23, 2012, at which time this Council will consider any objections offered thereto or to the making of said improvement.

★ **Roll Call Number**

Agenda Item Number

7A

DATE March 26, 2012

BE IT FURTHER RESOLVED: That proposals will be received by the City of Des Moines, at the office of the Des Moines City Clerk until 11:00 a.m. on April 10, 2012, for the construction of said improvement, and the taking of bids in the manner required by law. Proposals received will be 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, after which the bids together with a bid tabulation and recommendation of the Engineer will be presented to the City Council at its next meeting for action thereon.

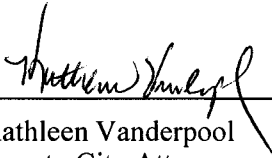
BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders and Notice of Public Hearing for said improvement be published in the Des Moines Register as provided and directed by Chapter 26 and/or 314, Code of Iowa.

(City Council Communication Number 12-128 attached.)

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


FORM APPROVED:

FUNDS AVAILABLE



  
 Scott E. Sanders  
 Des Moines Finance Director

Kathleen Vanderpool  
 Deputy City Attorney

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

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

7A

## CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING  
CITY OF DES MOINES, IOWA

Activity ID 08-2012-003  
IDOT Project No: None  
3/7/2012

### PROJECT: 2012 LEVEE IMPROVEMENTS - CONTRACT 1

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1	* Traffic Control	LS	1	\$5,477.50	\$5,477.50
2	* Mobilization	LS	1	\$40,000.00	\$40,000.00
3	* Clearing and Grubbing	LS	1	\$27,250.00	\$27,250.00
4	* Demolition	LS	1	\$10,500.00	\$10,500.00
5	* Excavation, Class 10	CY	635	\$12.00	\$7,620.00
6	* Embankment in Place	CY	6210	\$20.00	\$124,200.00
7	* Topsoil, Strip, Salvage and Spread	CY	660	\$10.00	\$6,600.00
8	* Granular Surfacing	TON	206	\$25.00	\$5,150.00
9	* Electrical	LS	1	\$10,000.00	\$10,000.00
10	* Seeding - Levee Mix, Fert. & mulch	SQ	693	\$20.00	\$13,860.00
11	Pipe Gate	EA	1	\$4,000.00	\$4,000.00
12	* Silt Fence Placement	LF	1955	\$3.00	\$5,865.00
13	* Silt Fence Removal	LF	1955	\$0.50	\$977.50
14	Driveway 6" PCC	SY	300	\$60.00	\$18,000.00
15	* Modified Subbase Material	SY	423	\$10.00	\$4,230.00
16	New Gate in Pump Station	EA	1	\$12,000.00	\$12,000.00
17	36" RCP Storm Sewer	LF	94	\$180.00	\$16,920.00
18	36" Flap Gate	EA	1	\$3,500.00	\$3,500.00
19	36" RCP Apron	EA	1	\$1,500.00	\$1,500.00
20	24" RCP Storm Sewer	LF	540	\$120.00	\$64,800.00
21	15" RCP Storm Sewer	LF	50	\$120.00	\$6,000.00
22	Major Manhole Adjustment	EA	1	\$5,000.00	\$5,000.00
23	Intake - SW 512 w/SW 604 type 3 Gate	EA	1	\$3,000.00	\$3,000.00
24	Intake - SW 502 w/SW 603 Type R Casting	EA	1	\$5,000.00	\$5,000.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
25	Intake - SW 402 MH, 5'x4' w/SW 604 Type 6 Grate	EA	1	\$8,000.00	\$8,000.00
26	Intake - SW 402 MH, 4'x4' w/SW 604 Type 6 Grate	EA	2	\$6,000.00	\$12,000.00
27	Connection to existing Utility Structure	EA	3	\$1,000.00	\$3,000.00
28	HMA, 6" (1M ESAL), PG 64-22	SY	73	\$50.00	\$3,650.00
29	Cast-in-Place Concrete Gate Well Structure	EA	1	\$60,000.00	\$60,000.00
30 *	Revetment Stone, Class E	EA	1000	\$40.00	\$40,000.00
31	Spot Repair of 30" CMP	LF	5	\$60.00	\$300.00
32	30" CMP Apron	EA	1	\$1,000.00	\$1,000.00
33 *	Removal of Garbage/Construction Debris	CY	250	\$4.00	\$1,000.00
34 *	Remove and Reinstall Chain Link Fence	LF	40	\$15.00	\$600.00

Prepared By: HR Green - Jim Rasmussen

Checked By: Bruce K Rydberg

**TOTAL CONSTRUCTION COST** \$531,000.00

\* Item does not have to be included in 4-year maintenance bond, but shall be covered by a 1-year maintenance bond.

\* Estimate Total= \$303,330.00