



Roll Call Number

Agenda Item Number

6 D

DATE March 8, 2018

ORDERING CONSTRUCTION OF
AGRIMERGENT STORM SEWER PHASE 2
AND FIXING A DATE FOR RECEIVING OF BIDS ON MARCH 27, 2018
AND PUBLIC HEARING ON APRIL 9, 2018
ENGINEER'S ESTIMATE IS \$2,700,000.00

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:

Agrimergent Storm Sewer Phase 2, 08-2017-008

The improvement includes installation of 54-inch storm sewer pipe from the Agrimergent Technology Park Regional Detention Basin north to Vandalia Road, associated storm sewer pipe installation, excavation, ditch grading, and roadway shouldering along the north and south side of Vandalia Road, surface restoration, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 592-172/253, located on Agrimergent Technology Park permanent storm sewer easement and the north and south side of Vandalia Road from Carlisle Road to S.E. 43rd Street, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$2,700,000.00. 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 9, 2018, at which time this Council will consider any objections offered thereto or to the making of said improvement.

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 March 27, 2018, 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 Offices, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa, at 11:00 a.m. on March 27, 2018, 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.



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

(City Council Communication Number 18-109 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE

Kathleen Vanderpool
Deputy City Attorney

Robert L. Fagen
Des Moines Finance Director

ACE Funding Source: Recom. 2018-19 CIP, Page Street – 50, Vandalia Road Improvements, ST268, G. O. Bonds, Being: \$519,606.25 in G.O. Bonds to be issued from ST268, \$725,000 in G.O. Bonds from ST256; \$1,415,393.75 in Storm Water Utility funds; and the remaining \$40,000 from Des Moines Water Works.

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
BOESEN				
COLEMAN				
GATTO				
GRAY				
MANDELBAUM				
WESTERGAARD				
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

6D

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 08-2017-008
IDOT Project No: None
Date: 2/16/2018

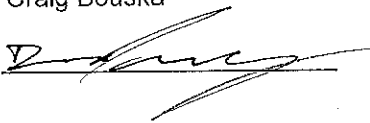
PROJECT: AGRIMERGENT STORM SEWER PHASE 2

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1	* EXCAVATION, CLASS 10, WASTE	CY	142178	\$4.00	\$568,712.00
2	* TOPSOIL, ON-SITE	CY	19300	\$8.00	\$154,400.00
3	* SHOULDER CONSTRUCTION, EARTH	STA	120	\$350.00	\$42,000.00
4	* GRANULAR SHOULDER, TYPE A	TON	4325	\$20.00	\$86,500.00
5	* SURFACING, DRIVEWAY, CLASS A CRUSHED STONE	TON	1010	\$20.00	\$20,200.00
6	STORM SEWER, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000 D (CLASS III), 15 IN.	LF	58	\$65.00	\$3,770.00
7	STORM SEWER, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000 D (CLASS III), 18 IN.	LF	276	\$65.00	\$17,940.00
8	STORM SEWER, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000 D (CLASS III), 24 IN.	LF	466	\$85.00	\$39,610.00
9	STORM SEWER, TRENCHED, 30 IN. **BIDDER TO IDENTIFY PIPE MATERIAL ON PAGE 3	LF	836	\$110.00	\$91,960.00
10	STORM SEWER, TRENCHED, 48 IN. **BIDDER TO IDENTIFY PIPE MATERIAL ON PAGE 3	LF	486	\$200.00	\$97,200.00
11	STORM SEWER, TRENCHED, 54 IN. **BIDDER TO IDENTIFY PIPE MATERIAL ON PAGE 3	LF	1337	\$225.00	\$300,825.00
12	STORM SEWER, TRENCHED, DUCTILE IRON PIPE (DIP, 16 IN.	LF	570	\$135.00	\$76,950.00
13	STORM SEWER, TRENCHED, DUCTILE IRON PIPE (DIP, 36 IN.	LF	371	\$325.00	\$120,575.00
14	STORM SEWER, TRENCHLESS, EPOXY COATED STEEL CASING PIPE, 16 IN.	LF	530	\$450.00	\$238,500.00
15	STORM SEWER, TRENCHLESS, EPOXY COATED STEEL CASING PIPE, 30 IN.	LF	173	\$550.00	\$95,150.00
16	PIPE APRON, CONCRETE, 15 IN. DIA.	EACH	2	\$2,000.00	\$4,000.00
17	PIPE APRON, CONCRETE, 54 IN. DIA.	EACH	1	\$7,000.00	\$7,000.00
18	WATER MAIN ALTERATION NO. 1	LS	1	\$10,000.00	\$10,000.00
19	WATER MAIN ALTERATION NO. 2	LS	1	\$10,000.00	\$10,000.00
20	WATER MAIN ALTERATION NO. 3	LS	1	\$10,000.00	\$10,000.00
21	WATER MAIN ALTERATION NO. 4	LS	1	\$10,000.00	\$10,000.00
22	MANHOLE, STORM SEWER, SW-401, 48 IN.	EACH	2	\$5,000.00	\$10,000.00
23	MANHOLE, STORM SEWER, SW-401, 60 IN.	EACH	1	\$5,500.00	\$5,500.00
24	MANHOLE, STORM SEWER, SW-401, 72 IN.	EACH	2	\$6,500.00	\$13,000.00
25	MANHOLE, STORM SEWER, SW-401, 84 IN.	EACH	2	\$8,500.00	\$17,000.00

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NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
26	MANHOLE, STORM SEWER, SW-404, 8'X8' DP	EACH	2	\$16,000.00	\$32,000.00
27	INTAKE, SW-505, CUSTOM	EACH	1	\$7,000.00	\$7,000.00
28	INTAKE, SW-511	EACH	24	\$5,000.00	\$120,000.00
29	HEADWALL, CONCRETE, TWIN 36 IN. DIP	LS	1	\$10,000.00	\$10,000.00
30	FULL DEPTH PATCHES, PCC	SY	677	\$140.00	\$94,780.00
31 *	TRAFFIC CONTROL	LS	1	\$75,000.00	\$75,000.00
32 *	REGULATORY SIGNS	LS	1	\$6,000.00	\$6,000.00
33 *	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND FERTILIZING (TYPE II)	ACRE	24.4	\$2,500.00	\$61,000.00
34 *	PLANTS	LS	1	\$20,000.00	\$20,000.00
35 *	STORMWATER POLLUTION PREVENTION PLAN	LS	1	\$4,500.00	\$4,500.00
36 *	FILTER SOCK, 6 INCH	LF	900	\$2.50	\$2,250.00
37 *	FILTER SOCK, REMOVAL	LF	900	\$1.00	\$900.00
38 *	RIP RAP, TYPE E	TON	775	\$40.00	\$31,000.00
39 *	STABILIZED CONSTRUCTION ENTRANCE	SY	167	\$50.00	\$8,350.00
40 *	FENCE, REMOVE AND REINSTALL CHAIN LINK, 84 INCH	LF	1722	\$25.00	\$43,050.00
41 *	TEMPORARY FENCE, CHAIN LINK, 84 INCH	LF	1278	\$18.00	\$23,004.00
42 *	MOBILIZATION	LS	1	\$108,874.00	\$108,874.00
43 *	CONCRETE WASHOUT	LS	1	\$1,500.00	\$1,500.00

Prepared By: Craig Bouska

Checked By: 

TOTAL CONSTRUCTION COST

\$2,700,000.00

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

* Estimate Total= \$1,257,240.00