



6B

DATE January 22, 2018

ORDERING CONSTRUCTION OF  
S.E. 1ST AND VAN BUREN STORM SEWER  
AND FIXING A DATE FOR RECEIVING OF BIDS ON FEBRUARY 6, 2018  
AND PUBLIC HEARING ON FEBRUARY 19, 2018  
ENGINEER'S ESTIMATE IS \$1,660,000.00

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:

S.E. 1st and Van Buren Storm Sewer, 08-2018-002

The improvement includes constructing new storm sewer using Reinforced Concrete Pipe (RCP) in sizes of 15-inches, 24-inches, and 60-inches, cast-in-place manholes and intakes, 8-inch sanitary sewer, 4-inch, 6-inch, and 7-inch Portland Cement Concrete (PCC) pavement, Hot-Mix Asphalt (HMA) paving, PCC curb and gutter, pavement markings, erosion control, fencing, restoration and other associated and incidental items; all in accordance with contract documents, including Plan File Nos. 590-221/245, located near E. Livingston Avenue from S.E. 1st Street to S.E. 3rd Street, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$1,660,000.00. 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, Municipal Service Center, 1551 E. Martin Luther King Jr. Parkway, Des Moines, Iowa, at 5:00 p.m. on February 19, 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 February 6, 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 Shijiazhuang Room, 2nd Floor, City Administration Building, 400 E. Court Avenue, Des Moines, Iowa, at 11:00 a.m. on February 6, 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.

★ **Roll Call Number**

Agenda Item Number

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DATE January 22, 2018

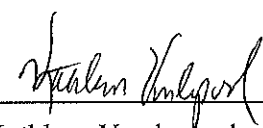
BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders for said improvement be posted, and Notice of Public Hearing for said improvement be published in the Des Moines Register, all as provided and directed by Chapter 26 and/or 314, Code of Iowa.

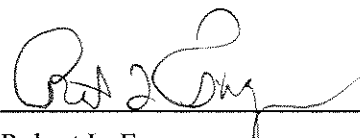
(City Council Communication Number 18-026 attached.)

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

FORM APPROVED:

FUNDS AVAILABLE

  
 \_\_\_\_\_  
 Kathleen Vanderpool  
 Deputy City Attorney

  
 \_\_\_\_\_  
 Robert L. Fagen  
 Des Moines Finance Director

*AC* Funding Source: 2017-2018 CIP, Page Storm – 6, Flood Mitigation Improvements, SM087, Being: State Flood Mitigation funds

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

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# CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING  
CITY OF DES MOINES, IOWA

Activity ID 08-2018-002

1/4/2018

## PROJECT: SE 1ST AND VAN BUREN STORM SEWER

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1	* Traffic Control	LS	1	\$15,000.00	\$15,000.00
2	* Preconstruction Crack and Damage Survey	LS	1	\$10,000.00	\$10,000.00
3	* Construction Survey	LS	1	\$10,000.00	\$10,000.00
4	* Mobilization	LS	1	\$120,115.00	\$120,115.00
5	* Concrete Washout	LS	1	\$1,000.00	\$1,000.00
6	* Clearing & Grubbing	LS	1	\$10,000.00	\$10,000.00
7	* Subgrade Preparation	SY	1016	\$5.00	\$5,080.00
8	* Modified Subbase, 6-inch Depth	SY	904	\$15.00	\$13,560.00
9	Sanitary Sewer, Trenched, DIP, 8-inch	LF	25	\$300.00	\$7,500.00
10	* Removal of Sanitary Sewer, DIP 8-inch	LF	25	\$50.00	\$1,250.00
11	Storm Sewer, Trenched, Class III RCP, 15-inch	LF	25	\$130.00	\$3,250.00
12	Storm Sewer, Trenched, Class III RCP, 24-inch	LF	10	\$225.00	\$2,250.00
13	Storm Sewer, Trenched, Class III RCP, 60-inch	LF	748	\$700.00	\$523,600.00
14	Storm Sewer, Trenched, Class IV RCP, 60-inch	LF	171	\$750.00	\$128,250.00
15	Storm Sewer, Trenchless, Class IV RCP, 60-inch	LF	216	\$2,000.00	\$432,000.00
16	* Removal of Storm Sewer, RCP, 15-inch	LF	25	\$30.00	\$750.00
17	* Removal of Storm Sewer, RCP, 24-inch	LF	30	\$30.00	\$900.00
18	RCP Storm Sewer Plug with Gasket, 60-inch Diameter	EA	1	\$1,500.00	\$1,500.00
19	Manhole, SW-404, 10-FT x 10-FT Cast-In-Place with 48-inch ID Riser	EA	4	\$30,000.00	\$120,000.00
20	Manhole, SW-404, 10-FT x 4-FT Cast-In-Place with 48-inch ID Riser	EA	2	\$20,000.00	\$40,000.00
21	Intake, SW-511	EA	1	\$4,000.00	\$4,000.00
22	* Remove Manhole	EA	1	\$1,000.00	\$1,000.00
23	* Remove Intake	EA	1	\$1,000.00	\$1,000.00
24	Pavement, PCC, 7-inch Thickness	SY	122	\$80.00	\$9,760.00

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NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
25	Curb and Gutter, PCC, 2.0 FT Width	LF	220	\$45.00	\$9,900.00
26	HMA Pavement, HT Base Course, 3/4-inch Mix	TON	264	\$130.00	\$34,320.00
27	HMA Pavement, HT Intermediate Course, 1/2-inch Mix	TON	67	\$130.00	\$8,710.00
28	HMA Pavement, HT Surface Course, 1/2-inch Mix, No Friction Required	TON	67	\$130.00	\$8,710.00
29	* Granular Surfacing	TON	680	\$30.00	\$20,400.00
30	* Sidewalk Removal	SY	98	\$15.00	\$1,470.00
31	* Driveway Removal	SY	112	\$15.00	\$1,680.00
32	Sidewalk, PCC, 4-inch Thickness	SY	98	\$55.00	\$5,390.00
33	Driveway, Paved, PCC, 6-inch Thickness	SY	112	\$60.00	\$6,720.00
34	* Pavement Removal	SY	978	\$20.00	\$19,560.00
35	* Painted Pavement Markings, Durable	STA	5.5	\$250.00	\$1,375.00
36	* Hydraulic Seeding, Seeding, Fertilizing, and Mulching, Type 1	AC	0.3	\$5,000.00	\$1,500.00
37	* Hydraulic Seeding, Seeding, Fertilizing, and Mulching, Type 4	AC	0.8	\$5,000.00	\$4,000.00
38	* Sod	SQ	218	\$100.00	\$21,800.00
39	* Stabilized Construction Entrance	LS	1	\$1,500.00	\$1,500.00
40	* Remove Existing Fence	LF	753	\$10.00	\$7,530.00
41	Chain Link Fence, Galvanized, 4-FT Height	LF	509	\$30.00	\$15,270.00
42	Wood Picket Fence, 6-FT Height	LF	244	\$50.00	\$12,200.00
43	* Temporary Chain Link Fence, 6-FT Height	LF	80	\$15.00	\$1,200.00
44	* Tree Protection Fence	LF	1000	\$5.00	\$5,000.00
45	* Tree Trunk Protection	EA	4	\$500.00	\$2,000.00
46	* Filter Sock	LF	1000	\$4.00	\$4,000.00
47	* Silt Fence	LF	1000	\$4.00	\$4,000.00

Prepared By: Matt Radermacher

Checked By: Brett Deuser

**TOTAL CONSTRUCTION COST** \$1,660,000.00

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

\* Estimate Total= \$286,670.00