

DATE February 5, 2018

ORDERING CONSTRUCTION OF  
NEAR WEST SIDE SEWER SEPARATION PHASE 2  
AND FIXING A DATE FOR RECEIVING OF BIDS ON FEBRUARY 20, 2018  
AND PUBLIC HEARING ON MARCH 8, 2018  
ENGINEER'S ESTIMATE IS \$3,915,000.00

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:

Near West Side Sewer Separation Phase 2, 07-2017-002

The improvement includes Reinforced Concrete Pipe (RCP) storm sewer 15-inches to 24-inches, trenchless RCP storm sewer 18-inches, PVC sanitary sewer 8-inches, trenchless Polyvinylchloride (PVC) sanitary sewer 3-inches, sanitary services, water services, water main adjustments, manholes, intakes, Hot Mix Asphalt (HMA) pavements, sidewalks, driveways, associated grading, pavement markings, surface restoration, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 591-065/167, located on 23rd Street at High Street, Woodland Avenue at 25th Street, Pleasant Street from 24th Street to 25th Street, 25th Street from Pleasant Street to Center Street, Center Street from 24th Street to 25th Street, 24th Street from Center Street to Olive Avenue, Olive Avenue from 23rd Street to 24th Street, 23rd Street south of Rollins Avenue, 22nd Street at Olive Avenue, 28th Street from Pleasant Street to Center Street, Center Street at 29th Street, Kingman Boulevard from 25th Street to 26th Street, 28th Street from Cottage Grove Avenue to Brattleboro Avenue, Cottage Grove Avenue from 25th Street to 28th Street, Cottage Grove Avenue from 29th Street to 31st Street, and University Avenue from 29th Street to 31st Street, all in Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$3,915,000.00. 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 8:00 a.m. on March 8, 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 20, 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 20, 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

6A

DATE February 5, 2018

BE IT FURTHER RESOLVED: That the City Clerk is further directed to publish a Public Notice of Storm Water Discharge in the Des Moines Register and The Business Record as required by the Iowa Department of Natural Resources.

BE IT FURTHER RESOLVED: That the City Manager be and is hereby authorized and directed to certify the "Notice of Intent for NPDES Coverage under General Permit No. 2 for Storm Water Discharges associated with Industrial Activity for Construction Activities" on behalf of the City of Des Moines and submit said document to the Iowa Department of Natural Resources with appropriate application and permit fees.

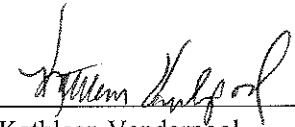
BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders for said improvement be posted, and Notice of Public Hearing for said improvement be published in the Des Moines Register, all as provided and directed by Chapter 26 and/or 314, Code of Iowa.

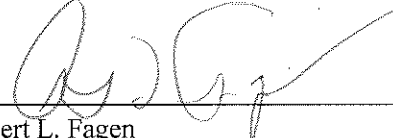
(City Council Communication Number 18-060 attached.)

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 Sanitary – 10, Near West Side Sewer Separation, SS132, Being: \$3,881,000 in SRF funding to be issued; and the remaining \$34,000 from Des Moines Water Works

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

MOTION CARRIED APPROVED

**CERTIFICATE**

I, DIANE RAUH, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, 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.

\_\_\_\_\_  
 Mayor

\_\_\_\_\_  
 City Clerk

6A

## CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING  
CITY OF DES MOINES, IOWA

Activity ID 07-2017-002  
IDOT Project No: None  
Date: 1/18/2018

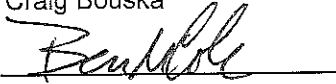
### PROJECT: NEAR WEST SIDE SEWER SEPARATION PHASE 2

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1	* Clearing and Grubbing	UNIT	800	\$57.00	\$45,600.00
2	* Below Grade Excavation (Core Out)	CY	1100	\$25.00	\$27,500.00
3	* Subgrade Preparation	SY	15040	\$4.00	\$60,160.00
4	* Subgrade Treatment, Geogrid, Type 1	SY	3630	\$3.50	\$12,705.00
5	* Subbase, Special Backfill	SY	14360	\$12.00	\$172,320.00
6	* Class A Roadstone	TON	3000	\$25.00	\$75,000.00
7	* Trench Foundation	TON	500	\$25.00	\$12,500.00
8	* Special Pipe Embedment or Encasement	EA	11	\$600.00	\$6,600.00
9	Sanitary Sewer Gravity Main, Trenched, PVC, 8"	LF	167	\$50.00	\$8,350.00
10	Sanitary Sewer Force Main, Trenchless, PVC, 3"	LF	865	\$25.00	\$21,625.00
11	Sanitary Sewer Service, PVC, 6"	LF	60	\$45.00	\$2,700.00
12	Sanitary Sewer Service Replacement	EA	36	\$3,500.00	\$126,000.00
13	Storm Sewer, Trenched, RCP, 15"	LF	1386	\$80.00	\$110,880.00
14	Storm Sewer, Trenched, RCP, 18"	LF	4658	\$100.00	\$465,800.00
15	Storm Sewer, Trenched, RCP, 24"	LF	1124	\$120.00	\$134,880.00
16	Storm Sewer, Trenchless, RCP, 18"	LF	40	\$750.00	\$30,000.00
17	* Removal of Storm Sewer, Less Than or Equal To 30"	LF	885	\$15.00	\$13,275.00
18	Underdrain Connection, PVC, 6"	EA	6	\$500.00	\$3,000.00
19	Plug Existing Sewer	EA	22	\$600.00	\$13,200.00
20	Water Service Replacement, Less Than or Equal To 2"	EA	20	\$3,500.00	\$70,000.00
21	Water Service Replacement, Greater Than or Equal To 4"	EA	1	\$4,500.00	\$4,500.00
22	Water Service Corporation	EA	20	\$2,000.00	\$40,000.00
23	Water Main Relocation	EA	2	\$9,000.00	\$18,000.00
24	Fire Hydrant Relocation	EA	4	\$4,000.00	\$16,000.00
25	Manhole Type SW-301, 48"	EA	2	\$5,000.00	\$10,000.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
26	Manhole Type SW-401, 48"	EA	8	\$5,000.00	\$40,000.00
27	Manhole Type SW-401, 60"	EA	2	\$6,500.00	\$13,000.00
28	Intake Type SW-501	EA	4	\$5,000.00	\$20,000.00
29	Intake Type SW-505	EA	38	\$6,000.00	\$228,000.00
30	Intake Type SW-506	EA	6	\$7,000.00	\$42,000.00
31	Intake Type SW-508	EA	1	\$6,500.00	\$6,500.00
32	Intake Type SW-509	EA	6	\$9,000.00	\$54,000.00
33	Intake Type SW-541 with SW-542 Extension	EA	2	\$9,500.00	\$19,000.00
34 *	Manhole Adjustment, Minor	EA	5	\$1,000.00	\$5,000.00
35	Connection to Existing Structure	EA	15	\$2,000.00	\$30,000.00
36 *	Remove Manhole	EA	8	\$800.00	\$6,400.00
37 *	Remove Intake	EA	17	\$750.00	\$12,750.00
38	Pavement, PCC, 8"	SY	1255	\$80.00	\$100,400.00
39	Curb and Gutter, 2.0', 4"	LF	2970	\$50.00	\$148,500.00
40	Curb and Gutter, 2.5', 6"	LF	2895	\$55.00	\$159,225.00
41	Pavement, HMA HT Base, 3/4" Mix, PG 58-28 S	TON	435	\$140.00	\$60,900.00
42	Pavement, HMA ST Base, 3/4" Mix, PG 58-28 S	TON	1495	\$130.00	\$194,350.00
43	Pavement, HMA HT Surface, 1/2" Mix, No Fric., PG 58-28 V	TON	140	\$140.00	\$19,600.00
44	Pavement, HMA ST Surface, 1/2" Mix, No Fric., PG 58-28 S	TON	1520	\$130.00	\$197,600.00
45 *	HMA Pavement Samples and Testing	LS	1	\$7,000.00	\$7,000.00
46 *	Removal of Sidewalk	SY	2180	\$11.00	\$23,980.00
47 *	Removal of Driveway	SY	955	\$11.00	\$10,505.00
48	Sidewalk, PCC, 4"	SY	1665	\$60.00	\$99,900.00
49	Sidewalk, PCC, 6"	SY	420	\$65.00	\$27,300.00
50	Detectable Warning	SF	643	\$40.00	\$25,720.00
51	Driveway, Paved, PCC, 7"	SY	1065	\$70.00	\$74,550.00
52 *	Pavement Removal	SY	14350	\$10.00	\$143,500.00
53 *	Engineering Fabric	SY	3400	\$4.00	\$13,600.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
54	Underdrain, PVC, 6"	LF	1500	\$20.00	\$30,000.00
55 *	Storage Aggregate	TON	3160	\$30.00	\$94,800.00
56 *	Filter Aggregate	TON	250	\$40.00	\$10,000.00
57	Permeable Interlocking Pavers, Concrete	SY	1200	\$110.00	\$132,000.00
58	PCC Edge Restraint, 12"x6"	LF	1640	\$50.00	\$82,000.00
59 *	Traffic Control	LS	1	\$75,000.00	\$75,000.00
60 *	Painted Pavement Markings, Solvent/Waterborne	STA	40.1	\$100.00	\$4,010.00
61 *	Pavement Markings Removed	STA	18.3	\$75.00	\$1,372.50
62 *	Precut Symbols and Legends	EA	1	\$800.00	\$800.00
63 *	Hydraulic Seeding, Seeding, Fertilizing, and Mulching	AC	1.5	\$8,000.00	\$12,000.00
64 *	Stormwater Pollution Prevention	LS	1	\$15,000.00	\$15,000.00
65 *	Erosion Control Mulching, Hydromulching	AC	1.5	\$3,000.00	\$4,500.00
66 *	Inlet Protection Device	EA	77	\$150.00	\$11,550.00
67 *	Inlet Protection Device, Maintenance	EA	77	\$40.00	\$3,080.00
68 *	Linear Erosion Control	LF	1000	\$3.00	\$3,000.00
69 *	Linear Erosion Control, Removal	LF	1000	\$0.50	\$500.00
70 *	Tree Protection Fence	LF	2200	\$4.00	\$8,800.00
71 *	Tree Trimming	EA	19	\$750.00	\$14,250.00
72 *	Mobilization	LS	1	\$113,462.50	\$113,462.50
73 *	Maintenance of Postal Service	LS	1	\$6,000.00	\$6,000.00
74 *	Maintenance of Solid Waste Collection	LS	1	\$6,000.00	\$6,000.00
75 *	Concrete Washout	LS	1	\$3,000.00	\$3,000.00

Prepared By: Craig Bouska

Checked By: 

**TOTAL CONSTRUCTION COST** \$3,915,000.00

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

\* Estimate Total= \$1,009,170.00