

DATE November 4, 2019

ORDERING CONSTRUCTION OF  
S.E. 9TH STREET STORM WATER PUMP STATION AND IMPROVEMENTS  
AND FIXING A DATE FOR RECEIVING OF BIDS ON NOVEMBER 19, 2019  
AND PUBLIC HEARING ON DECEMBER 16, 2019  
ENGINEER'S ESTIMATE IS \$7,450,000.00

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. 9th Street Storm Water Pump Station and Improvements, 08-2017-006

The improvement includes construction of a two-pump storm water pump station including the installation of pumps, mechanical bar screens, electrical and controls building, standby power generator, modification of existing gatewell structure, 12-inch to 78-inch diameter Reinforced Concrete Pipe (RCP) storm sewer, Portland Cement Concrete (PCC) pavement, PCC sidewalk, earthwork, landscaping, Hot Mix Asphalt (HMA) trail, and miscellaneous associated work including cleanup, erosion control, and seeding of disturbed areas and other incidental items; all in accordance with the contract documents, including Plan File Nos. 612-102/195, with improvements located at 1030 S.E. 9th Street, 505 S.E. 10th Street and along the Maury Street from S.E. 10th Street to S.E. 11th Street in Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$7,450,000.00. 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 December 16, 2019, 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 November 19, 2019, 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 November 19, 2019, 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

7B

DATE November 4, 2019

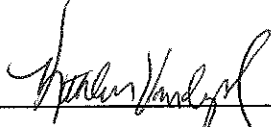
BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders for said improvement be posted, and Notice of Public Hearing for said improvement be published in the Des Moines Register, all as provided and directed by Chapter 26 and/or 314, Code of Iowa.

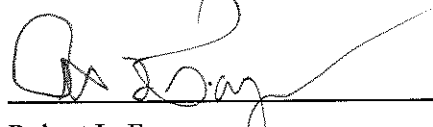
(City Council Communication Number 19-467 attached.)

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

FORM APPROVED:

FUNDS AVAILABLE

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

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

SLN Funding Source: 2019-2020 CIP, Page Storm – 6, Flood Mitigation Improvements, SM087, Being: State Sales Tax Increment

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

MOTION CARRIED APPROVED

\_\_\_\_\_  
 Mayor

I, P. Kay Cmelik, 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

7B

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING  
CITY OF DES MOINES, IOWA

Activity ID 08-2017-006  
IDOT Project No: None  
Date: 10/14/2019

PROJECT: S.E. 9TH STREET STORM WATER PUMP STATION AND IMPROVEMENTS

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1	SE 9TH ST. STORM WATER PUMP STATION-WETWELL	LS	1	\$2,800,000.00	\$2,800,000.00
2	SE 9TH ST. STORM WATER PUMP STATION-CONTROL BUILDING	LS	1	\$350,000.00	\$350,000.00
3	SE 9TH ST. STORM WATER PUMP STATION-ELECTRICAL, GENERATOR, AND CONTROLS	LS	1	\$750,000.00	\$750,000.00
4	GATEWELL 325B IMPROVEMENTS	LS	1	\$80,000.00	\$80,000.00
5	CONCRETE HEADWALL, DES MOINES RIVER	LS	1	\$230,000.00	\$230,000.00
6	STEEL SHEET PILING	SF	1180	\$55.00	\$64,900.00
7	* 48" PCCP WATER MAIN PROTECTION SYSTEM	LS	1	\$125,000.00	\$125,000.00
8	* CLEARING & GRUBBING (TREE TRIMMING)	UNIT	50	\$350.00	\$17,500.00
9	* CLEARING & GRUBBING	LS	1	\$30,000.00	\$30,000.00
10	* TOPSOIL, ON-SITE, STRIP, SALVAGE & SPREAD	CY	2900	\$20.00	\$58,000.00
11	* EXCAVATION & GRADING, CLASS 10 (IMPERVIOUS LEVEE FILL)	CY	1885	\$20.00	\$37,700.00
12	* EXCAVATION & GRADING, CLASS 10 (PERVIOUS LEVEE FILL)	CY	1756	\$20.00	\$35,120.00
13	* EXCAVATION & GRADING, CLASS 10 (FILL)	CY	2510	\$30.00	\$75,300.00
14	* EXCAVATION & GRADING, CLASS 10 (BORROW)	CY	9163	\$22.00	\$201,586.00
15	* MODIFIED SUBBASE, 4" DEPTH	SY	609	\$15.00	\$9,135.00
16	* MODIFIED SUBBASE, 6" DEPTH	SY	985	\$25.00	\$24,625.00
17	SANITARY SEWER, PVC SDR26, 8"	LF	42	\$80.00	\$3,360.00
18	SANITARY SEWER, DIP CL52, 8"	LF	40	\$120.00	\$4,800.00
19	SANITARY SEWER SERVICE RELOCATION	EACH	3	\$9,000.00	\$27,000.00
20	* REMOVE SANITARY SEWER BOX, 5' X 6' CONCRETE	LF	16	\$300.00	\$4,800.00
21	* REMOVE SANITARY SEWER, 8"	LF	74	\$25.00	\$1,850.00
22	STORM SEWER GRAVITY, TRENCHED, RCP, 3000D (CL III), 12"	LF	24	\$180.00	\$4,320.00
23	STORM SEWER GRAVITY, TRENCHED, RCP, 3000D (CL IV), 24"	LF	62	\$200.00	\$12,400.00
24	STORM SEWER GRAVITY, TRENCHED, RCP, 3000D (CL III), 30"	LF	325	\$275.00	\$89,375.00
25	STORM SEWER GRAVITY, TRENCHED, RCP, 3000D (CL III), 42"	LF	50	\$400.00	\$20,000.00
26	STORM SEWER GRAVITY, TRENCHED, RCP, 3000D (CL III), 78"	LF	204	\$1,100.00	\$224,400.00
27	STORM SEWER FORCEMAIN, TRENCHED, DIP, CL 52, 36"	LF	576	\$425.00	\$244,800.00
28	* REMOVE STORM SEWER, 78" RCP	LF	32	\$200.00	\$6,400.00
29	* ABANDON STORM SEWER PIPE WITH FLOWABLE MORTAR CONCRETE	CY	45	\$80.00	\$3,600.00
30	STORM SEWER PIPE APRON, 12 IN RCP, WITH APRON FOOTING & GUARD	EACH	1	\$4,000.00	\$4,000.00
31	STORM SEWER PIPE APRON, 42 IN RCP, WITH APRON FOOTING & GUARD	EACH	1	\$6,750.00	\$6,750.00
32	SUBDRAIN, PVC, TYPE 2 PERFORATED, 4 IN. DIA.	LF	130	\$25.00	\$3,250.00
33	SUBDRAIN, PVC, TYPE 2 NON-PERFORATED, 4 IN. DIA.	LF	139	\$25.00	\$3,475.00
34	SUBDRAIN, PVC, TYPE 2 CLEANOUT, 4 IN. DIA.	EACH	9	\$350.00	\$3,150.00
35	MANHOLE, SANITARY SEWER, SW-301, 48" DIA	EACH	1	\$5,000.00	\$5,000.00
36	MANHOLE, SANITARY SEWER, SW-303, 48" DIA	EACH	2	\$6,000.00	\$12,000.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
37	MANHOLE ST-1, STORM SEWER, SW-404, 11' X 11' WITH 48" RISER	EACH	1	\$55,000.00	\$55,000.00
38	MANHOLE ST-2, STORM SEWER, SW-404, 11' X 11'	EACH	1	\$115,000.00	\$115,000.00
39	MANHOLE ST-3, STORM SEWER, CUSTOM, 166" X 72 "	EACH	1	\$30,000.00	\$30,000.00
40	MANHOLE ST-4, STORM SEWER, SW-403, 108" X 60"	EACH	1	\$20,000.00	\$20,000.00
41	MANHOLE ST-5, STORM SEWER, SW-401, 72"	EACH	1	\$25,000.00	\$25,000.00
42	INTAKE, SW-604, 36" DIA., SW-604 TYPE 4D CASTING	EACH	1	\$15,000.00	\$15,000.00
43	* COLLAR, STORM CONNECTION TO EXISTING, CONC.	EACH	3	\$10,000.00	\$30,000.00
44	* REMOVE MANHOLE	EACH	3	\$2,200.00	\$6,600.00
45	PAVEMENT, P.C. CONCRETE, 7"	SY	350	\$105.00	\$36,750.00
46	* SIDEWALK REMOVAL	SY	231	\$20.00	\$4,620.00
47	* DRIVEWAY REMOVAL	SY	89	\$25.00	\$2,225.00
48	* SHARED USE PATH REMOVAL, HMA	SY	422	\$20.00	\$8,440.00
49	SHARED USE PATH, 6" HMA, LOW TRAFFIC SURF. & BASE, 1/2", PG 58-28S	SY	440	\$60.00	\$26,400.00
50	SIDEWALK, P.C. CONCRETE, 4"	SY	87	\$60.00	\$5,220.00
51	SIDEWALK, P.C. CONCRETE, 5"	SY	784	\$65.00	\$50,960.00
52	DETECTABLE WARNING	SF	28	\$50.00	\$1,400.00
53	DRIVEWAY, P.C. CONCRETE, 6"	SY	22	\$75.00	\$1,650.00
54	DRIVEWAY, P.C. CONCRETE, 7"	SY	631	\$100.00	\$63,100.00
55	BEAM CURB, P.C. CONCRETE, 6" HEIGHT	LF	15	\$120.00	\$1,800.00
56	* DRIVEWAY, GRANULAR SURFACING, CLASS A	TON	20	\$40.00	\$800.00
57	HMA PAVEMENT	SY	40	\$80.00	\$3,200.00
58	PARTIAL DEPTH PATCH, P.C. CONCRETE	SY	70	\$135.00	\$9,450.00
59	PARTIAL DEPTH PATCH, HMA	SY	70	\$120.00	\$8,400.00
60	* PAVEMENT REMOVAL, PCC	SY	301	\$20.00	\$6,020.00
61	* PAVEMENT REMOVAL, HMA	SY	90	\$20.00	\$1,800.00
62	* CURB & GUTTER REMOVAL	LF	190	\$15.00	\$2,850.00
63	* TRAFFIC CONTROL	LS	1	\$30,000.00	\$30,000.00
64	* HYDRAULIC SEEDING, FERTILIZING, MULCHING, AND WATERING, TYPE 4	AC	4.8	\$5,000.00	\$24,000.00
65	* HYDRAULIC SEEDING, FERTILIZING, MULCHING, AND WATERING, TYPE 1	AC	1.4	\$6,000.00	\$8,400.00
66	* HYDRAULIC SEEDING, MULCHING AND WATERING, HYDRIC/WETLAND SEED MIX	AC	1.0	\$6,000.00	\$6,000.00
67	* HYDRAULIC SEEDING, MULCHING AND WATERING, MESIC/XERIC SEED MIX	AC	2.4	\$5,000.00	\$12,000.00
68	* SHRUB PLANTINGS, #5 CONTAINER	EACH	88	\$45.00	\$3,960.00
69	* FILTER SOCK, INSTALLATION, MAINTENANCE, AND REMOVAL	LF	1460	\$3.00	\$4,380.00
70	* TEMPORARY ROLLED EROSION CONTROL PRODUCT (RECP), TYPE 1.B	SY	2350	\$3.00	\$7,050.00
71	* RIP RAP, CLASS B	TON	255	\$85.00	\$21,675.00
72	* RIP RAP, CLASS E, 18" THICK	TON	800	\$85.00	\$68,000.00
73	* REMOVE & REINSTALL RIP RAP, CLASS E, 18" THICK	SY	235	\$65.00	\$15,275.00
74	* RIP RAP, CLASS D	TON	10	\$250.00	\$2,500.00
75	* RIP RAP, 6" EROSION STONE	TON	180	\$120.00	\$21,600.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
76	* SILT FENCE, INSTALLATION, MAINTENANCE, AND REMOVAL	LF	1460	\$5.00	\$7,300.00
77	* CHAIN LINK FENCE, BLACK VINYL COATED, 8' HEIGHT	LF	390	\$75.00	\$29,250.00
78	* GATE, CHAIN LINK FENCE, BLACK VINYL COATED, 8' HEIGHT, 22' WIDE DOUBLE SWING	EACH	1	\$10,000.00	\$10,000.00
79	* BARBED WIRE, TYPE I SLANTED SUPPORTING ARM	LF	414	\$10.00	\$4,140.00
80	* REMOVE & REINSTALL CHAIN LINK FENCE, 5' HEIGHT	LF	107	\$30.00	\$3,210.00
81	* ABANDON-EXISTING STORM WATER PUMP STATION, 1045 SE 9TH ST.	LS	1	\$117,579.00	\$117,579.00
82	* MOBILIZATION	LS	1	\$755,000.00	\$755,000.00
83	* TREE PLANTINGS, 2.5" B & B	EACH	31	\$750.00	\$23,250.00
84	* TREE PROTECTION FENCE	LF	760	\$5.00	\$3,800.00
85	* STORM WATER POLLUTION PREVENTION PLAN	LS	1	\$12,000.00	\$12,000.00
86	* RELOCATE WATER SERVICE STOP BOX	EACH	1	\$2,000.00	\$2,000.00
87	* RELOCATE WATER SERVICE	EACH	3	\$10,000.00	\$30,000.00
88	AIR RELEASE/VACUUM VALVE, 6"	EACH	3	\$10,000.00	\$30,000.00
89	* BOLLARD, SCH 40, GALVANIZED, 4" DIA	EACH	4	\$1,000.00	\$4,000.00
90	LEEVE SEEPAGE RELIEF PIPE, TRENCHED, CPEP SLOTTED, 10"	LF	420	\$130.00	\$54,600.00
91	LEEVE SEEPAGE RELIEF PIPE, TRENCHED, CPEP, 12"	LF	201	\$100.00	\$20,100.00
92	LEEVE SEEPAGE RELIEF PIPE, TRENCHED, DIP, 12"	LF	3	\$300.00	\$900.00
93	SEEPAGE RELIEF CLEANOUT	EACH	1	\$1,250.00	\$1,250.00
94	FLOATING BALL CHECK VALVE	EACH	1	\$4,000.00	\$4,000.00
95	MANHOLE SR-1, LEEVE SEEPAGE RELIEF, PVC, 48" DIAMETER	EACH	1	\$2,500.00	\$2,500.00
96	MANHOLE SR-2, LEEVE SEEPAGE RELIEF, PVC, 24" DIAMETER	EACH	1	\$2,000.00	\$2,000.00
97	MANHOLE SR-3, LEEVE SEEPAGE RELIEF, PVC, 24" DIAMETER	EACH	1	\$2,000.00	\$2,000.00
98	PROJECT SIGN - STORM WATER	EACH	2	\$500.00	\$1,000.00
Prepared By: Craig Bouska					
Checked By: _____					
<b>TOTAL CONSTRUCTION COST</b>					<b>\$7,450,000.00</b>

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

\* Estimate Total= \$1,920,340.00