

DATE February 11, 2019

ORDERING CONSTRUCTION OF  
E. 1ST AND MARKET STREET STORM WATER PUMP STATION  
AND FIXING A DATE FOR RECEIVING OF BIDS ON MARCH 12, 2019  
AND PUBLIC HEARING ON APRIL 8, 2019  
ENGINEER'S ESTIMATE IS \$6,600,000.00

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:

E. 1st and Market Street Storm Water Pump Station, 08-2017-005

The improvement includes construction of a two pump storm water pump station including the installation of pumps, mechanical bar screens, electrical and controls building, architectural features such as perforated stainless steel metal panels, channel glass, board formed cast-in-place concrete, lighting, standby power generator, Reinforced Concrete Pipe (RCP) storm sewer sizes 15-inches and 60-inches, Ductile Iron (DI) 12-inch water main, cast-in-place manholes, Portland Cement Concrete (PCC) pavement, PCC curb and gutter, landscaping, erosion control, restoration and miscellaneous associated work including cleanup and other incidental items; all in accordance with the contract documents, including Plans File Nos. 596-179/230, located near E. 1st Street and Market Street, along the east bank levee of the Des Moines River in downtown Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$6,600,000.00. 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 8, 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 March 12, 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 March 12, 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**

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DATE February 11, 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 19-054 attached.)

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

FORM APPROVED:

FUNDS AVAILABLE

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

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

**SUN** Funding Source: Recom 2017-2018 CIP, Page Storm – 6, Flood Mitigation Improvements, SM087

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 08-2017-005

1/22/2019

### PROJECT: E. 1ST AND MARKET STREET STORM WATER PUMP STATION

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0001 *	11020-108-A	MOBILIZATION	LS	1	\$385,746.86	\$385,746.86
0002 *	11010-108-A	CONSTRUCTION SURVEY	LS	1	\$20,000.00	\$20,000.00
0003 *	EST. REF.	TRAFFIC CONTROL	LS	1	\$21,135.00	\$21,135.00
0004 *	10010-108-A-0	DEMOLITION	LS	1	\$140,000.00	\$140,000.00
0005	EST. REF.	STORMWATER PUMPING STATION - ARCHITECTURAL/STRUCTURAL	LS	1	\$2,781,000.00	\$2,781,000.00
0006	EST. REF.	STORMWATER PUMPING STATION - PROCESS	LS	1	\$1,155,000.00	\$1,155,000.00
0007	EST. REF.	STORMWATER PUMPING STATION - ELECTRICAL/CONTROLS	LS	1	\$870,000.00	\$870,000.00
0008	EST. REF.	GATEWELL 591 IMPROVEMENTS	LS	1	\$80,000.00	\$80,000.00
0009	EST. REF.	OUTFALL PIPE STOP LOG ISOLATION STRUCTURE	LS	1	\$80,000.00	\$80,000.00
0010 *	2010-108-D-1	TOPSOIL, ON-SITE, STRIP, SALVAGE & SPREAD	CY	614	\$15.00	\$9,210.00
0011 *	2010-108-E	HAULING AND DISPOSAL OF CONTAMINATED SOILS	TON	4029	\$61.00	\$245,769.00
0012 *	EST. REF.	HAULING AND DISPOSAL OF DNAPL FREE PRODUCT	TRIP	10	\$2,500.00	\$25,000.00
0013 *	2010-108-E	EXCAVATION & GRADING, CLASS 10	CY	845	\$50.00	\$42,250.00
0014 *	2010-108-G	SUBGRADE PREPARATION	SY	569	\$5.00	\$2,845.00
0015	2010-108-I-0	MODIFIED SUBBASE, 6" DEPTH	SY	477	\$11.82	\$5,638.14
0016	4020-108-A-1	STORM SEWER, TRENCHED, CLASS III RCP, 15-INCH	LF	111	\$110.00	\$12,210.00
0017	4020-108-A-1	STORM SEWER, TRENCHED, CLASS III RCP, 60-INCH	LF	34	\$750.00	\$25,500.00
0018	4020-108-A-1	STORM SEWER, TRENCHED, CLASS IV RCP, 60-INCH	LF	82	\$885.00	\$72,570.00
0019 *	4020-108-C-0	REMOVAL OF STORM SEWER, RCP, 15-INCH	LF	153	\$5.00	\$765.00
0020 *	4020-108-E-2	STORM SEWER ABANDONMENT, FILL AND PLUG, 48" DIAMETER	LF	153	\$150.00	\$22,950.00
0021	5010-108-A-1	WATER MAIN, TRENCHED, DUCTILE IRON, 12" DIAMETER	LF	185	\$110.00	\$20,350.00

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0022	5010-108-C-1	FITTING, DUCTILE IRON, MECHANICAL JOINT, 12"x12" TEE	EA	1	\$2,000.00	\$2,000.00
0023	5010-108-C-1	FITTING, DUCTILE IRON, MECHANICAL JOINT, 12" 90 DEGREE BEND	EA	1	\$1,500.00	\$1,500.00
0024	5010-108-C-1	FITTING, DUCTILE IRON, MECHANICAL JOINT, 16" CAP	EA	1	\$2,800.00	\$2,800.00
0025	5010-108-C-1	FITTING, DUCTILE IRON, 12" PIPE ISOLATION COUPLING	EA	2	\$1,000.00	\$2,000.00
0026	5020-108-H-0	FIRE HYDRANT ASSEMBLY	EA	1	\$6,000.00	\$6,000.00
0027 *	EST. REF.	PREPARE EXCAVATION FOR TAPPING SLEEVE AND VALVE	EA	1	\$4,000.00	\$4,000.00
0028 *	5010-108-C-X	TEMPORARY 12" CAP AND 2" BLOW OFF	EA	2	\$2,500.00	\$5,000.00
0029	EST. REF.	32-LB MAGNESIUM ANODE	EA	4	\$200.00	\$800.00
0030	EST. REF.	CATHODIC PROTECTION TEST STATION	EA	1	\$500.00	\$500.00
0031 *	2010-108-J-3	REMOVAL OF WATER MAIN, CAST IRON, 12" DIAMETER	LF	175	\$5.00	\$875.00
0032	6010-108-A-0	SPECIAL STRUCTURE 2501	EA	1	\$100,000.00	\$100,000.00
0033	6010-108-A-0	SPECIAL STRUCTURE 2502	EA	1	\$69,000.00	\$69,000.00
0034	6010-108-A-0	SPECIAL STRUCTURE 2503	EA	1	\$100,000.00	\$100,000.00
0035	6010-108-E-0	MANHOLE OR INTAKE ADJUSTMENT, MINOR	EA	4	\$1,200.00	\$4,800.00
0036	6010-108-G-0	CONNECTION TO EXISTING MANHOLE	EA	1	\$5,000.00	\$5,000.00
0037	7010-108-A-0	PAVEMENT, PCC, 8" THICKNESS	SY	477	\$100.00	\$47,700.00
0038	7010-108-E-0	CURB AND GUTTER, 18" WIDTH, 8" THICKNESS	LF	24	\$40.00	\$960.00
0039 *	7030-108-A-0	REMOVAL OF SHARED USE PATH, HMA	SY	214	\$11.00	\$2,354.00
0040 *	7030-108-A-0	REMOVAL OF DRIVEWAY, PCC	SY	67	\$11.00	\$737.00
0041	7030-108-C-0	SHARED USE PATH, PCC, 6" THICKNESS	SY	285	\$75.00	\$21,375.00
0042	7030-108-E-0	SIDEWALK, PCC, 4"	SY	31	\$60.00	\$1,860.00
0043	7030-108-H-0	DRIVEWAY, PAVED, PCC, 8"	SY	323	\$80.00	\$25,840.00
0044	7040-108-A-0	FULL DEPTH PATCHES, PCC	SY	92	\$100.00	\$9,200.00
0045 *	7040-108-H-0	PAVEMENT REMOVAL, PCC	SY	477	\$10.00	\$4,770.00
0046 *	7040-108-I-0	CURB & GUTTER REMOVAL	LF	24	\$10.00	\$240.00

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NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0047 *	9010-108-B	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING, TYPE 4	ACRE	1.1	\$2,000.00	\$2,200.00
0048 *	9010-108-B	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING, LEVEE MI	ACRE	1.1	\$4,000.00	\$4,400.00
0049 *	9030-108-D-0	PLANTS WITH WARRANTY	LS	1	\$8,000.00	\$8,000.00
0050 *	9040-108-A-1	SWPPP PREPARATION AND MANAGEMENT	LS	1	\$7,500.00	\$7,500.00
0051 *	9040-108-O	STABILIZED CONSTRUCTION ENTRANCE	LS	1	\$2,500.00	\$2,500.00
0052 *	9040-108-N	SILT FENCE, INSTALLATION AND REMOVAL	LF	750	\$2.00	\$1,500.00
0053 *	9040-108-D	FILTER SOCK, INSTALLATION AND REMOVAL	LF	750	\$1.00	\$750.00
0054 *	9040-108-E-0	TEMPORARY ROLLED EROSION CONTROL PRODUCT, TYPE 3	SY	2000	\$2.00	\$4,000.00
0055 *	9040-108-T-1	INLET PROTECTION DEVICE	EA	4	\$200.00	\$800.00
0056 *	9060-108-F-0	TEMPORARY SAFETY FENCE	LF	240	\$2.50	\$600.00
0057 *	1160-108-A	CONCRETE WASHOUT	LS	1	\$8,000.00	\$8,000.00
0058	EST. REF.	WEST RETAINING WALL	SF	720	\$40.00	\$28,800.00
0059	EST. REF.	NORTH FLOODWALL	SF	341	\$150.00	\$51,150.00
0060	EST. REF.	SOUTH FLOODWALL	SF	197	\$150.00	\$29,550.00
0061	EST. REF.	BOLLARDS	EA	13	\$1,000.00	\$13,000.00
<b>TOTAL CONSTRUCTION COST</b>						<b>\$6,600,000.00</b>

Prepared By: Matt Radermacher

Checked By: \_\_\_\_\_

**TOTAL CONSTRUCTION COST** \$6,600,000.00

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

\* Estimate Total= \$973,896.86