

DATE October 8, 2018

ORDERING CONSTRUCTION OF  
GRAY'S STATION REGIONAL DETENTION BASIN  
AND FIXING A DATE FOR RECEIVING OF BIDS ON OCTOBER 23, 2018  
AND PUBLIC HEARING ON NOVEMBER 5, 2018  
ENGINEER'S ESTIMATE IS \$3,100,000.00

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:

Gray's Station Regional Detention Basin, 08-2018-006

The improvement includes storm sewer pipe removal, Class 10 Excavation, Embankment-In-Place, storm sewer, manholes, Portland Cement Concrete (PCC) pavement, rip rap, turf reinforcement, wetland plugs, seeding and fence; and other associated and incidental items; all in accordance with the contract documents, including Plan File Nos. 582-201/245, and 597-237/257, located along the north side of the Raccoon River west of S.W. 11th Street, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$3,100,000.00. 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 November 5, 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 October 23, 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 Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa, at 11:00 a.m. on October 23, 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.

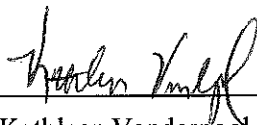
DATE October 8, 2018

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.

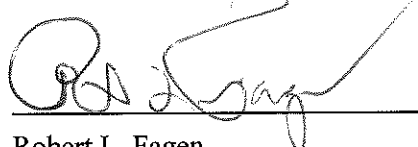
(City Council Communication Number 18-492 attached.)

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

FORM APPROVED:

  
 Kathleen Vanderpool  
 Deputy City Attorney

FUNDS AVAILABLE

  
 Robert L. Fagen  
 Des Moines Finance Director

SLN

Funding Source: 2018-2019 CIP, Page Storm - 8, Gray's Station Detention Basins, SM135, Being: \$500,000 State Revolving Loan Sponsored Project Funds, CWSRF No. CS192; \$5,000 Prairie Meadows Community Betterment Grant; and the remaining \$2,595,000 Storm Water Utility 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

5B

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING  
CITY OF DES MOINES, IOWA

08-2018-006

DATE: 09/05/2018

PROJECT: GRAY'S STATION REGIONAL DETENTION BASIN

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
1.01	* 2010-108-C-0	CLEARING AND GRUBBING BOTH SITES	LS	1	\$35,000.00	\$35,000.00
1.02	* SPECIAL	REMOVAL OF RAILROAD TRACKS AND ROCK BALLAST	CY	2021	\$20.00	\$40,420.00
1.03	* 2010-108-D-1	TOPSOIL, ON - SITE BOTH SITES	CY	27255	\$7.50	\$204,412.50
1.04	* 2010-108-E-0	EXCAVATION, CLASS 10	CY	157240	\$4.00	\$628,960.00
1.05	* 2010-108-G-0	SUBGRADE PREPARATION, 12 IN. DEPTH	SY	1233	\$5.00	\$6,165.00
1.06	4020-108-A-1	STORM SEWER, TRENCHED, RCP, 15 IN.	LF	50	\$60.00	\$3,000.00
1.07	4020-108-A-1	STORM SEWER, TRENCHED, RCP, 24 IN.	LF	220	\$78.00	\$17,160.00
1.08	4020-108-A-1	STORM SEWER, TRENCHED, RCP, 36 IN.	LF	251	\$120.00	\$30,120.00
1.09	4020-108-A-1	STORM SEWER, TRENCHED, RCP, 42 IN.	LF	408	\$150.00	\$61,200.00
1.10	4020-108-A-1	STORM SEWER, TRENCHED, RCP, 48 IN.	LF	910	\$175.00	\$159,250.00
1.11	4020-108-A-1	STORM SEWER, TRENCHED, RCP, 60 IN.	LF	26	\$265.00	\$6,890.00
1.12	4020-108-A-2	STORM SEWER, TRENCHLESS, RCP, 36 IN.	LF	50	\$450.00	\$22,500.00
1.13	* 4020-108-C-0	REMOVAL OF STORM SEWER, HDPE, 8" DIA	LF	8	\$20.00	\$160.00
1.14	* 4020-108-C-0	REMOVAL OF STORM SEWER, RCP, 24" DIA	LF	112	\$25.00	\$2,800.00
1.15	* 4020-108-C-0	REMOVAL OF STORM SEWER, RCP, 36" DIA	LF	206	\$35.00	\$7,210.00
1.16	* 4020-108-C-0	REMOVAL OF STORM SEWER, RCP, 60" DIA	LF	45	\$45.00	\$2,025.00
1.17	* 4020-108-C-0	REMOVAL OF STORM SEWER, RCP, 72" DIA	LF	115	\$85.00	\$9,775.00
1.18	* 4030-108-E-2	STORM SEWER ABANDONMENT, FILL AND PLUG	LF	57	\$450.00	\$25,650.00
1.19	4030-108-B-0	PIPE APRON, RCP, 15" DIA INCLUDES FOOTING & GUARD	EACH	1	\$3,500.00	\$3,500.00
1.20	4030-108-B-0	PIPE APRON, RCP, 24" DIA INCLUDES FOOTING & GUARD	EACH	4	\$3,250.00	\$13,000.00
1.21	4030-108-B-0	PIPE APRON, RCP, 36" DIA INCLUDES FOOTING & GUARD	EACH	5	\$4,200.00	\$21,000.00
1.22	4030-108-B-0	PIPE APRON, RCP, 42" DIA INCLUDES FOOTING & GUARD	EACH	6	\$5,000.00	\$30,000.00
1.23	4030-108-B-0	PIPE APRON, RCP, 48" DIA INCLUDES FOOTING & GUARD	EACH	4	\$5,800.00	\$23,200.00
1.24	4030-108-B-0	PIPE APRON, RCP, 60" DIA INCLUDES FOOTING & GUARD	EACH	1	\$7,250.00	\$7,250.00
1.25	6010-108-A-0	MANHOLE, SW-401, 60 IN.	EACH	1	\$8,000.00	\$8,000.00
1.26	6010-108-A-0	MANHOLE, SW-401, 84 IN.	EACH	4	\$10,000.00	\$40,000.00
1.27	6010-108-A-0	MANHOLE, SW-401, 96 IN.	EACH	1	\$12,000.00	\$12,000.00
1.28	6010-108-B-0	INTAKE, SW-513, OPEN-SIDED AREA INTAKE	EACH	3	\$6,000.00	\$18,000.00
1.29	6010-108-F-0	MANHOLE ADJUSTMENT, MAJOR (SANITARY MANHOLE)	EACH	3	\$1,500.00	\$4,500.00
1.30	* 6010-108-H-0	REMOVE INTAKE	EACH	1	\$1,500.00	\$1,500.00
1.31	7010-108-A-0	PAVEMENT, PCC, 6 IN.	SY	83	\$70.00	\$5,810.00
1.32	* 7030-108-A-0	REMOVAL OF DRIVEWAY	SY	991	\$8.00	\$7,928.00
1.33	7030-108-H-2	DRIVEWAY, GRANULAR, CLASS "A" CRUSHED STONE, 6 IN.	TON	333	\$35.00	\$11,655.00
1.34	* 7040-108-H-0	PAVEMENT REMOVAL	SY	979	\$10.00	\$9,790.00
1.35	9010-108-A-0	CONVENTIONAL SEEDING, SEEDING, FERTILIZING, AND MULCHING, TYPE 5	ACRE	15.5	\$3,000.00	\$46,500.00
1.36	9010-108-B-0	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING, TYPE 2	ACRE	15.5	\$3,000.00	\$46,500.00
1.37	SPECIAL	WETLAND PLANTINGS, WET PRAIRIE SEED MIX	ACRE	2.4	\$8,000.00	\$19,200.00
1.38	SPECIAL	WETLAND PLANTINGS, WET EDGE SEED MIX	ACRE	9.1	\$8,000.00	\$72,800.00
1.39	SPECIAL	WETLAND PLANTINGS, EMERGENT WETLAND PLUG	EACH	164500	\$3.00	\$493,500.00
1.40	* 9040-108-A-2	SWPPP MANAGEMENT BOTH DIVISIONS	LS	1	\$5,000.00	\$5,000.00
1.41	9040-108-J-0	RIP RAP, CLASS "D"	TON	210	\$65.00	\$13,650.00
1.42	* 9040-108-L-2	SEDIMENT BASIN, REMOVAL OF SEDIMENT	EACH	1	\$5,000.00	\$5,000.00
1.43	* 9040-108-N-1	SILT FENCE OR SILT FENCE DITCH CHECK BOTH SITES	LF	12327	\$2.50	\$30,817.50
1.44	* 9040-108-N-3	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE BOTH SITES	LF	12327	\$0.50	\$6,163.50
1.45	* 9040-108-Q-1	EROSION CONTROL MULCHING, CONVENTIONAL	ACRE	14.25	\$1,000.00	\$14,250.00

SB

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
1.45	* 9040-108-Q-1	EROSION CONTROL MULCHING, CONVENTIONAL	ACRE	14.25	\$1,000.00	\$14,250.00
1.46	9040-108-R-0	TURF REINFORCEMENT MAT, TYPE 2	SQ	101	\$40.00	\$4,040.00
1.47	9040-108-R-0	TURF REINFORCEMENT MAT, TYPE 3	SQ	13	\$80.00	\$1,040.00
1.48	9040-108-U-0	FLOW TRANSITION MAT	SF	792	\$25.00	\$19,800.00
1.49	SPECIAL	ARTICULATED CONCRETE BLOCK HARD ARMOR MATTING	SF	15113	\$20.00	\$302,260.00
1.50	9060-108-A-0	CHAIN LINK FENCE, BLACK PVC COATED, 8 FT. TALL	LF	328	\$40.00	\$13,120.00
1.51	9060-108-B-0	GATES, BLACK PVC COATED, 8 FT. TALL, 26 FT. WIDE	EACH	1	\$1,000.00	\$1,000.00
1.52	* 9060-108-E-0	REMOVAL OF FENCE	LF	4482	\$5.00	\$22,410.00
1.53	* 11020-108-A	CONSTRUCTION SURVEY BOTH DIVISIONS	LS	1	\$10,000.00	\$10,000.00
1.54	* 11020-108-B	MONUMENT PRESERVATION OR REPLACEMENT	LS	1	\$3,000.00	\$3,000.00
1.55	* 11020-108-A	MOBILIZATION BOTH DIVISIONS	LS	1	\$120,568.50	\$120,568.50
1.56	* 11020-108-A	CONCRETE WASHOUT	LS	1	\$3,000.00	\$3,000.00
2.57	2010-108-E	EMBANKMENT-IN-PLACE	CY	40900	\$4.00	\$163,600.00
2.58	* SPECIAL	GATEWELL #151 ABANDONMENT	LS	1	\$31,000.00	\$31,000.00
2.59	* SPECIAL	GATEWELL #153 ABANDONMENT	LS	1	\$29,000.00	\$29,000.00
2.60	* SPECIAL	GATEWELL #157 ABANDONMENT	LS	1	\$22,000.00	\$22,000.00
2.61	* SPECIAL	WELL PLUGGING AND ABANDONMENT, INCLUDES 2 TEST AND MONITOR WELLS	LS	1	\$5,700.00	\$5,700.00
2.62	9010-108-A	SEEDING, LEVEE MIX	ACRE	5.5	\$5,000.00	\$27,500.00
2.63	9040-108-J-0	RIP RAP, CLASS "D"	TON	1350	\$65.00	\$87,750.00

Prepared By: T. BRADY

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

**TOTAL CONSTRUCTION COST**

**\$3,100,000.00**

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

\* Estimate Total= \$1,289,705.00