



Roll Call Number

Agenda Item Number

7 A

DATE June 8, 2020

ORDERING CONSTRUCTION OF
DES MOINES RIVER LEVEE ALTERATIONS PHASE A
AND FIXING A DATE FOR RECEIVING OF BIDS ON JULY 7, 2020
AND PUBLIC HEARING ON AUGUST 3, 2020
ENGINEER'S ESTIMATE IS \$2,890,000.00

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:

Des Moines River Levee Alterations Phase A, 08-2019-002

The improvement includes earthen levee raise, earthwork, excavation, cast-in-place T-wall, cast-in-place floodwall raises, gateway structural modifications, stoplog closures, revetment, Portland Cement Concrete (PCC) pavement, Hot Mix Asphalt (HMA) pavement, sanitary sewer abandonment, erosion control, seeding, other incidental items and miscellaneous associated work including cleanup; all in accordance with the contract documents, including Plan File Nos. 618-201/274, with improvements located along the Des Moines River from the confluence of the Raccoon River to Center Street, in Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$2,890,000.00. 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 MSC Board Room, 2nd Floor, Municipal Service Center, 1551 E. Martin Luther King Jr. Parkway, Des Moines, Iowa, at 5:00 p.m. on August 3, 2020, 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 July 7, 2020, 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 July 7, 2020, 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

7A

DATE June 8, 2020

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 20-254 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE

s/Kathleen Vanderpool

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Interim Des Moines Finance Director

SLN Funding Source: 2020-21 Pending CIP, Page Storm – 7, Flood Mitigation Improvements, SM087, Storm Water Utility Funds

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

MOTION CARRIED APPROVED

Mayor

CERTIFICATE

I, P. Kay Cmelik, 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.

City Clerk

7A

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 08-2019-002
IDOT Project No: None
Date: 5/13/2020

PROJECT: DES MOINES RIVER LEVEE ALTERATIONS PHASE A

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1	* TOPSOIL, ONSITE	CY	1400	\$25.00	\$35,000.00
2	* TOPSOIL, OFFSITE	CY	1000	\$45.00	\$45,000.00
3	* EXCAVATION, CLASS 10	CY	11650	\$23.00	\$267,950.00
4	* SUBGRADE PREPARATION	SY	3600	\$12.00	\$43,200.00
5	* MODIFIED SUBBASE	SY	650	\$40.00	\$26,000.00
6	* REMOVAL OF STRUCTURE, PANELWALL, STA. 151+45 - 153+73	LF	228	\$170.00	\$38,760.00
7	* STA 150+60 SANITARY SEWER ABANDONMENT, FILL AND PLUG, 24" DIA	LF	85	\$55.00	\$4,675.00
8	* STA 127+95.25 REPAIR BY CHEMICAL GROUT, 54" DIA	EA	1	\$3,000.00	\$3,000.00
9	STA 131+00 STORM SEWER, TRENCHED, RCP, 12" DIA	LF	8	\$400.00	\$3,200.00
10	* STA 308+47.38 SANITARY SEWER ABANDONMENT, FILL AND PLUG, 36" DIA	LF	64	\$127.00	\$8,128.00
11	* STA 315+80 STORM SEWER ABANDONMENT, FILL AND PLUG, 36" DIA	LF	60	\$127.00	\$7,620.00
12	* STA 316+93 SANITARY SEWER ABANDONMENT, FILL AND PLUG, 60" DIA	LF	47	\$340.00	\$15,980.00
13	* STA 319+75 SANITARY SEWER ABANDONMENT, FILL AND PLUG, 18" DIA	LF	80	\$35.00	\$2,800.00
14	* STA 322+20 SANITARY SEWER ABANDONMENT, FILL AND PLUG, 60" DIA	LF	69	\$340.00	\$23,460.00
15	* STA 346+83 SANITARY SEWER ABANDONMENT, FILL AND PLUG, 18" DIA	LF	653	\$34.00	\$22,202.00
16	* MANHOLE ADJUSTMENT, MINOR	EA	2	\$2,500.00	\$5,000.00
17	* MANHOLE ABANDONMENT, REMOVAL OF TOP 3' AND FILL WITH CONCRETE	EA	1	\$2,500.00	\$2,500.00
18	PCC PAVEMENT, 6" THICKNESS	SY	490	\$150.00	\$73,500.00
19	BEAM CURB	LF	312	\$60.00	\$18,720.00
20	PAVEMENT, HMA, 6" THICKNESS	SY	3200	\$42.00	\$134,400.00
21	* REMOVAL OF SIDEWALK	SY	643	\$26.00	\$16,718.00
22	PCC SIDEWALK, 5" THICK	SY	400	\$110.00	\$44,000.00
23	* PAVEMENT, REMOVAL	SY	2988	\$25.00	\$74,700.00
24	* PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	LS	1	\$2,000.00	\$2,000.00
25	* TRAFFIC CONTROL	LS	1	\$50,000.00	\$50,000.00
26	* PNEUMATIC SEEDING, SEEDING, FERTILIZING, MULCHING	AC	3	\$7,000.00	\$21,000.00
27	* STORMWATER POLLUTION PREVENTION	LS	1	\$12,000.00	\$12,000.00
28	ROLLED EROSION CONTROL PRODUCT	SQ	1303	\$80.00	\$104,240.00
29	* SILT FENCE OR SILT FENCE DITCH CHECK	LF	6890	\$4.00	\$27,560.00
30	* SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIMENT	LF	6890	\$2.00	\$13,780.00
31	* SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE	LF	6890	\$1.00	\$6,890.00
32	* STABILIZED CONSTRUCTION ENTRANCE	SY	200	\$100.00	\$20,000.00
33	* RIP RAP, CLASS E	TON	7100	\$65.00	\$461,500.00
34	* RIP RAP, EROSION STONE	TON	150	\$50.00	\$7,500.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
35 *	INLET PROTECTION DEVICE, INSTALLATION	EA	20	\$260.00	\$5,200.00
36 *	INLET PROTECTION DEVICE, MAINTENANCE	EA	20	\$40.00	\$800.00
37 *	TEMPORARY FENCE, CONSTRUCTION, 5'	LF	2842	\$15.00	\$42,630.00
38	CONCRETE STEPS	SF	207	\$75.00	\$15,525.00
39 *	CONSTRUCTION SURVEY	LS	1	\$30,000.00	\$30,000.00
40 *	MONUMENT PRESERVATION AND REPLACEMENT	LS	1	\$5,000.00	\$5,000.00
41 *	MOBILIZATION	LS	1	\$240,542.00	\$240,542.00
42 *	CONCRETE WASHOUT	LS	1	\$10,000.00	\$10,000.00
43	CAST-IN-PLACE T-WALL STA. 151+45 TO 153+73	CY	210	\$1,050.00	\$220,500.00
44	CAST-IN-PLACE FLOODWALL RAISE SEGMENT STA. 154+21 to 157+02	CY	11	\$4,500.00	\$49,500.00
45	CAST-IN-PLACE FLOODWALL RAISE SEGMENT STA. 303+25 to 308+25	CY	7	\$5,500.00	\$38,500.00
46	GATEWELL 591A RAISE	LS	1	\$6,000.00	\$6,000.00
47	GATEWELL 680 RAISE	LS	1	\$6,000.00	\$6,000.00
48	GATEWELL 295 RAISE	LS	1	\$6,000.00	\$6,000.00
49	CDM #31 PRINCIPAL PARK CLOSURE	LS	1	\$84,500.00	\$84,500.00
50 *	CDM #31 ALUMINUM STOPLOGS	EA	4	\$12,000.00	\$48,000.00
51	CDM #29 PRINCIPAL PARK CLOSURE	LS	1	\$90,000.00	\$90,000.00
52 *	CDM #29 ALUMINUM STOPLOGS	EA	6	\$9,500.00	\$57,000.00
53	CDM #27 PRINCIPAL PARK CLOSURE	LS	1	\$66,000.00	\$66,000.00
54 *	CDM #27 ALUMINUM STOPLOGS	EA	4	\$6,000.00	\$24,000.00
55 *	LIGHT POST REMOVE AND REPLACE	EA	12	\$10,000.00	\$120,000.00
56 *	FLOOD CONTINGENCY PLAN	LS	1	\$80,000.00	\$80,000.00
57 *	TREE PROTECTION FENCE	LF	220	\$6.00	\$1,320.00

Prepared By: Craig Bouska

Checked By: _____

TOTAL CONSTRUCTION COST \$2,890,000.00

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

* Estimate Total= \$1,929,415.00