

DATE November 4, 2019

ORDERING CONSTRUCTION OF  
RIVER BEND AND KING IRVING SEWER SEPARATION PHASE2B  
AND FIXING A DATE FOR RECEIVING OF BIDS ON NOVEMBER 19, 2019  
AND PUBLIC HEARING ON DECEMBER 16, 2019  
ENGINEER'S ESTIMATE IS \$3,750,000.00

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:

River Bend and King Irving Sewer Separation Phase 2B, 07-2019-003

This improvement includes approximately 3,487 feet of 15-inch through 24-inch storm sewer in open cut construction, sanitary sewer, water main and paving, manholes, special structures, water main relocation, pavement removal, Portland Cement Concrete (PCC) curb and gutter, PCC pavement, Hot Mix Asphalt (HMA) pavement, traffic control, erosion control and miscellaneous associated work, including cleanup; all in accordance with the contract documents, including Plan File No. 608-001/117, located on Jefferson Avenue from 10th Street to 12th Street, on Washington Avenue from 11th Street to 12th Street, on Forest Avenue from 2nd Avenue to 3rd Street, on 3rd Street from Forest Avenue to Creighton Avenue, on Indiana Avenue from west of 2nd Avenue to 5th Street and on the alley between 2nd Avenue and 2nd Place north of Forest Avenue, in Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$3,750,000.00. 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**

7A

DATE November 4, 2019

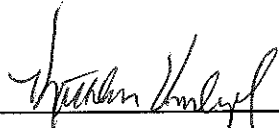
BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders for said improvement be posted, and Notice of Public Hearing for said improvement be published in the Des Moines Register, all as provided and directed by Chapter 26 and/or 314, Code of Iowa.


(City Council Communication Number 19-460 attached.)

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

FORM APPROVED:

FUNDS AVAILABLE

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

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

Funding Source: 2019-2020 CIP, Page Sanitary – 8, River Bend and King Irving Sewer Separation, SS138,  
 Being: SLN \$3,596,500 in SRF funding issued; and the remaining \$153,500 from the Des Moines Water Works

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

7A

## CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING  
CITY OF DES MOINES, IOWA

Activity ID 07-2019-003  
IDOT Project No: None  
Date: 10/16/2019

### PROJECT: RIVER BEND AND KING IRVING SEWER SEPARATION PHASE 2B

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1	* CLEARING AND GRUBBING	UNIT	44	\$350.00	\$15,400.00
2	* TOPSOIL, OFF SITE	CY	580	\$50.00	\$29,000.00
3	* EXCAVATION, CLASS 10	CY	2300	\$25.00	\$57,500.00
4	* SUBGRADE PREPARATION, 6 IN. DEPTH	SY	3550	\$8.00	\$28,400.00
5	* SUBGRADE PREPARATION, 12 IN. DEPTH	SY	4743	\$16.00	\$75,888.00
6	* SUBGRADE TREATMENT, FLY ASH	SY	1400	\$25.00	\$35,000.00
7	* SUBGRADE TREATMENT, GEOGRID TYPE 2 OR 3	SY	3320	\$9.00	\$29,880.00
8	* SUBBASE, MODIFIED	SY	8293	\$20.00	\$165,860.00
9	* REPLACEMENT OF UNSUITABLE MATERIAL	TONS	3440	\$60.00	\$206,400.00
10	SANITARY SEWER, GRAVITY MAIN, TRENCHED, DI, 12"	LF	46	\$400.00	\$18,400.00
11	SANITARY SEWER, GRAVITY MAIN, TRENCHED, DI, 14"	LF	10	\$450.00	\$4,500.00
12	* REPAIR SANITARY SEWER	EA	5	\$7,000.00	\$35,000.00
13	* REMOVAL OF SANITARY SEWER, 12"	LF	46	\$50.00	\$2,300.00
14	* REMOVAL OF SANITARY SEWER, 15"	LF	10	\$50.00	\$500.00
15	STORM SEWER, TRENCHED, RCP, CL3, 15"	LF	1683	\$150.00	\$252,450.00
16	STORM SEWER, TRENCHED, GASKETED RCP, CL3, 15"	LF	331	\$175.00	\$57,925.00
17	STORM SEWER, TRENCHED, RCP, CL5, 15"	LF	548	\$175.00	\$95,900.00
18	STORM SEWER, TRENCHED, GASKETED RCP, CL5, 15"	LF	65	\$200.00	\$13,000.00
19	STORM SEWER, TRENCHED, RCP, CL3, 18"	LF	41	\$200.00	\$8,200.00
20	STORM SEWER, TRENCHED, RCP, CL3, 24"	LF	790	\$230.00	\$181,700.00
21	STORM SEWER, TRENCHED, DI, CL52, 14"	LF	29	\$450.00	\$13,050.00
22	* REMOVAL OF STORM SEWER, VCP OR RCP, 6" TO 15"	LF	265	\$25.00	\$6,625.00
23	* STORM SEWER ABANDONMENT, FILLED PLUG	LF	12	\$80.00	\$960.00
24	* MANHOLE ADJUSTMENT, PCC DIAMOND	EA	8	\$2,000.00	\$16,000.00
25	SUBDRAIN, TYPE 1, 6"	LF	600	\$20.00	\$12,000.00
26	SUBDRAIN OUTLETS AND CONNECTIONS, TYPE 1, 6"	EA	2	\$500.00	\$1,000.00
27	MANHOLE, SW 401, 48"	EA	3	\$5,000.00	\$15,000.00
28	MANHOLE, SW 401, 60"	EA	1	\$7,500.00	\$7,500.00
29	INTAKE, SW 501	EA	19	\$6,500.00	\$123,500.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
30	INTAKE, SW 501 MOD	EA	1	\$7,000.00	\$7,000.00
31	INTAKE, SW 502, 48"	EA	6	\$6,500.00	\$39,000.00
32	INTAKE, SW 502, 60"	EA	1	\$7,500.00	\$7,500.00
33	INTAKE, SW 505	EA	3	\$8,500.00	\$25,500.00
34	INTAKE, SW 507	EA	3	\$8,500.00	\$25,500.00
35	INTAKE, SW 511	EA	1	\$9,500.00	\$9,500.00
36	INTAKE, SW 511 MOD	EA	2	\$10,500.00	\$21,000.00
37 *	CONNECT TO TRENCH DRAIN	EA	1	\$2,500.00	\$2,500.00
38 *	CONNECTION TO EXISTING INTAKE/MANHOLE	EA	4	\$3,000.00	\$12,000.00
39 *	REMOVE MANHOLE	EA	2	\$1,000.00	\$2,000.00
40 *	REMOVE INTAKE	EA	14	\$1,000.00	\$14,000.00
41	PAVEMENT, PCC, 6"	SY	25	\$110.00	\$2,750.00
42	PAVEMENT, PCC, 8"	SY	153	\$135.00	\$20,655.00
43	CURB AND GUTTER, PCC, 6", 2'-6" WIDE	LF	5435	\$50.00	\$271,750.00
44	CURB AND GUTTER, PCC, 8", 2'-6" WIDE	LF	15	\$80.00	\$1,200.00
45	PAVEMENT, HMA LT, BASE COURSE	TONS	1335	\$120.00	\$160,200.00
46	PAVEMENT, HMA LT, SURFACE COURSE	TONS	1220	\$125.00	\$152,500.00
47 *	REMOVAL OF SIDEWALK	SY	876	\$13.00	\$11,388.00
48 *	REMOVAL OF DRIVEWAY	SY	378	\$15.00	\$5,670.00
49	SIDEWALK, PCC, 4" THICK	SY	533	\$55.00	\$29,315.00
50	SIDEWALK, PCC, 6" THICK	SY	288	\$65.00	\$18,720.00
51	DETECTABLE WARNING	SF	502	\$50.00	\$25,100.00
52	DRIVEWAY, PCC, 6" THICK	SY	377	\$80.00	\$30,160.00
53	DRIVEWAY, PCC, 7" THICK	SY	22	\$85.00	\$1,870.00
54 *	DRIVEWAY, GRANULAR	TON	13	\$50.00	\$650.00
55 *	PAVEMENT SCARIFICATION	SY	3340	\$25.00	\$83,500.00
56 *	PAVEMENT REMOVAL	SY	7920	\$15.00	\$118,800.00
57 *	REMOVE AND REINSTALL SIGN	EA	34	\$100.00	\$3,400.00
58 *	TRAFFIC CONTROL	LS	1	\$50,000.00	\$50,000.00
59 *	HYDRAULIC SEEDING, FERTILIZING AND MULCHING	AC	1	\$15,000.00	\$15,000.00
60 *	STORMWATER POLLUTION PREVENTION	LS	1	\$10,000.00	\$10,000.00
61 *	FILTER SOCK, 9" DIA	LF	1612	\$3.00	\$4,836.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
62 *	FILTER SOCK REMOVAL	LF	1612	\$2.00	\$3,224.00
63 *	INLET PROTECTION DEVICE	EA	36	\$200.00	\$7,200.00
64 *	CHAIN LINK FENCE, 48", SALVAGE, REPLACE	LF	30	\$70.00	\$2,100.00
65 *	MODULAR BLOCK RETAINING WALL, SALVAGE, RESTACK	SF	155	\$80.00	\$12,400.00
66 *	LIMESTONE RETAINING WALL, SALVAGE, RESTACK	SF	81	\$80.00	\$6,480.00
67 *	RECYCLED CONCRETE RETAINING WALL, SALVAGE, RESTACK	SF	56	\$80.00	\$4,480.00
68	COMBINED CONCRETE SIDEWALK AND RETAINING WALL	CY	7	\$2,000.00	\$14,000.00
69 *	CONSTRUCTION STAKING	LS	1	\$35,000.00	\$35,000.00
70 *	MOBILIZATION	LS	1	\$731,614.00	\$731,614.00
71 *	TREE PROTECTION FENCE, 4' HIGH	LF	90	\$5.00	\$450.00
72 *	TREE TRUNK PROTECTION	EA	9	\$350.00	\$3,150.00
73 *	TREE TRIMMING	EA	1	\$2,000.00	\$2,000.00
74 *	MAINTENANCE OF SOLID WASTE COLLECTION	LS	1	\$7,500.00	\$7,500.00
75 *	TEMPORARY MAILBOXES	EA	7	\$500.00	\$3,500.00
76	8" TYPE 3 WATER MAIN ALTERATION	EA	2	\$15,000.00	\$30,000.00
77	6" REMOVE AND REPLACE HYDRANT ASSEMBLY	EA	1	\$16,000.00	\$16,000.00
78	8" REMOVE AND REPLACE HYDRANT ASSEMBLY	EA	5	\$17,500.00	\$87,500.00
79	8" REMOVE AND RELOCATE HYDRANT ASSEMBLY	EA	1	\$16,000.00	\$16,000.00
80	1" WATER SERVICE PARTIAL REPLACEMENT (OPPOSITE SIDE)	EA	14	\$5,000.00	\$70,000.00
81 *	FOUNDATION ROCK	TON	20	\$80.00	\$1,600.00
82 *	MANUFACTURED SAND	TON	50	\$80.00	\$4,000.00

Prepared By: Craig Bouska

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

**TOTAL CONSTRUCTION COST** \$3,750,000.00

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

\* Estimate Total= \$1,863,155.00