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DATE May 23, 2016

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON RIVERWALK RED MULTI-USE TRAIL BRIDGE REHABILITATION; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS CRAMER AND ASSOCIATES, INC., ROBERT CRAMER, PRESIDENT/CAO, \$2,458,787.30

WHEREAS, on April 11, 2016, under Roll Call No. 16-0541, plans, specifications, form of contract documents, and Engineer's estimate of construction cost were filed with the City Clerk, for the construction of the following improvement:

Riverwalk Red Multi-Use Trail Bridge Rehabilitation, 12-2014-007
2015-1

The improvement includes raising the Riverwalk Red Multi-Use Trail Bridge by 4.5 feet, removals, structural concrete, piling, retaining walls, sidewalk, lighting, ADA railings, traffic control, site furnishings, and other incidental items; all work in accordance with the contract documents, including Plan File Nos. 572-003/056, located just south of the Court Avenue Bridge on the Des Moines River, Des Moines, Iowa

WHEREAS, notice of the hearing on the plans, specifications, form of contract documents, and Engineer's estimate of construction cost was published as required by law.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the hearing on the plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement be closed; and that said plans, specifications, form of contract documents, and Engineer's estimate of construction cost are hereby approved as the plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement.

BE IT FURTHER RESOLVED: That sealed bids for said improvement were submitted by the following bidders:

- | | |
|-----------------------------|----------------|
| Cramer and Associates, Inc. | Grimes, IA |
| Jensen Construction Company | Des Moines, IA |

which were received and opened at a public meeting presided over by the Engineer in the Shijiazhuang Room, 2nd Floor, City Administration Building, 400 E. Court Avenue, Des Moines, Iowa at 11:00 a.m. on May 10, 2016. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.

BE IT FURTHER RESOLVED: That the Des Moines City Engineer, as the Engineer, has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by Cramer and Associates, Inc., Robert Cramer, President/CAO, 3100 S.W. Brookside Drive, Grimes, IA, 50111 in the amount of \$2,458,787.30, and said bid be and the same is hereby accepted.

BE IT FURTHER RESOLVED: That the bid security of the unsuccessful bidders be and is hereby authorized and directed to be returned.



Roll Call Number

Agenda Item Number

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DATE May 23, 2016

BE IT FURTHER RESOLVED: That the Engineer is hereby directed to secure execution by the lowest responsible, responsive Bidder and its surety of the contract documents in the form heretofore approved by this Council; that the Engineer is directed to thereafter present said contract documents to this Council for approval and authorization to the Mayor to sign; and that no contract shall be deemed to exist between the City of Des Moines and said Bidder until said contract has been executed by the Bidder, and shall have been approved by this Council and executed by the Mayor and attested to by the City Clerk.

BE IT FURTHER RESOLVED: That the City Council hereby authorizes the necessary road closures for the Project.

(City Council Communication Number 16-286 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE

Kathleen Vanderpool
Deputy City Attorney

Daniel E. Ritter
Des Moines Finance Director

AC Funding Source: 2016-2017 CIP, Page Storm – 6, Flood Mitigation Improvements, SM087, Being: \$2,202,787.30 State of Iowa Flood Mitigation Grant; transfer of \$230,000 (Item #39) from BL110, Building - 6, Energy Conservation, G.O. Bonds to be Issued; the remaining \$26,000 (Items 31-33), SM087, Storm Water User Fees

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
GATTO				
GRAY				
HENSLEY				
MOORE				
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

TABULATED BY: T. Brady
CHECKED BY: *[Signature]*
APPROVED BY: *R. De Groot*

CONTRACTOR'S BID TABULATION
PROJECT: RIVERWALK RED MULTI-USE TRAIL BRIDGE REHABILITATION

-----ESTIMATE-----

ITEM	DESCRIPTION	QUANTITY	UNIT		Cramer and Associates Inc. Grimes, IA		Jensen Construction Company Des Moines, IA		CONTRACTOR CITY	
			PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	EMBANKMENT-IN-PLACE	810 CY	\$13.24	\$10,724.40	\$40.00	\$32,400.00	\$30.00	\$24,300.00		
2	EXCAVATION, CLASS 10, ROADWAY AND BORROW	91 CY	\$20.50	\$1,865.50	\$18.00	\$1,638.00	\$55.00	\$5,005.00		
3	TOPSOIL, STRIP, SALVAGE AND SPREAD	121 CY	\$17.13	\$2,072.73	\$30.00	\$3,630.00	\$50.00	\$6,050.00		
4	GRANULAR SUBBASE	630 SY	\$7.32	\$4,611.60	\$25.00	\$15,750.00	\$15.00	\$9,450.00		
5	REMOVAL OF CONCRETE FOOTINGS, AS PER PLAN	2 EACH	\$625.00	\$1,250.00	\$1,000.00	\$2,000.00	\$1,500.00	\$3,000.00		
6	REMOVAL OF EXISTING HANDRAIL AND END POSTS	1 LS	\$6,357.14	\$6,357.14	\$4,000.00	\$4,000.00	\$9,000.00	\$9,000.00		
7	REMOVALS, AS PER PLAN	1 LS	\$50,000.00	\$50,000.00	\$40,000.00	\$40,000.00	\$300,000.00	\$300,000.00		
8	GRANULAR BACKFILL	278.4 CY	\$34.68	\$9,654.91	\$90.00	\$25,056.00	\$70.00	\$19,488.00		
9	EXCAVATION, CLASS 20	1295 CY	\$15.00	\$19,425.00	\$16.00	\$20,720.00	\$30.00	\$38,850.00		
10	STRUCTURAL CONCRETE (MISC.)	7.1 CY	\$2,000.00	\$14,200.00	\$3,100.00	\$22,010.00	\$3,250.00	\$23,075.00		
11	STRUCTURAL CONCRETE (BRIDGE)	234.5 CY	\$1,000.00	\$234,500.00	\$1,400.00	\$328,300.00	\$1,400.00	\$328,300.00		
12	REINFORCING STEEL	43790 LB	\$1.01	\$44,227.90	\$1.50	\$65,685.00	\$1.25	\$54,737.50		
13	STRUCTURAL STEEL	1950 LB	\$1.45	\$2,827.50	\$18.00	\$35,100.00	\$19.00	\$37,050.00		
14	BRIDGE RAISING	1 LS	\$1,456,000.00	\$1,456,000.00	\$830,000.00	\$830,000.00	\$2,200,000.00	\$2,200,000.00		
15	PILES, STEEL, HP 12 X 53	750 LF	\$40.39	\$30,292.50	\$45.00	\$33,750.00	\$55.00	\$41,250.00		
16	PILES, STEEL SHEET	320 SF	\$25.40	\$8,128.00	\$33.00	\$10,560.00	\$60.00	\$19,200.00		
17	ENGINEERING FABRIC	185 SY	\$2.89	\$534.65	\$2.00	\$370.00	\$8.00	\$1,480.00		
18	REVTMENT, CLASS D	54 TON	\$50.33	\$2,717.82	\$75.00	\$4,050.00	\$80.00	\$4,320.00		
19	PAINTING OF STRUCTURAL STEEL	1 LS	\$50,000.00	\$50,000.00	\$133,000.00	\$133,000.00	\$125,000.00	\$125,000.00		
20	REMOVAL OF SIDEWALK	351 SY	\$11.37	\$3,990.87	\$12.00	\$4,212.00	\$22.00	\$7,722.00		
21	SIDEWALK,P.C. CONCRETE, 5"	570 SY	\$40.56	\$23,119.20	\$45.00	\$25,650.00	\$50.00	\$28,500.00		
22	SIDEWALK, REINFORCED P.C. CONCRETE, 5 IN.	46 SY	\$53.50	\$2,461.00	\$55.00	\$2,530.00	\$60.00	\$2,760.00		
23	PCC RETAINING WALL	50.9 CY	\$1,202.00	\$61,181.80	\$1,200.00	\$61,080.00	\$2,500.00	\$127,250.00		
24	REMOVAL AND REINSTALLATION OF FENCE, CHAIN LINK	30 LF	\$16.87	\$506.10	\$28.00	\$840.00	\$27.50	\$825.00		
25	REMOVAL OF FENCE, CHAIN LINK	15 LF	\$10.00	\$150.00	\$25.00	\$375.00	\$25.00	\$375.00		
26	REMOVE AND REINSTALL SIGN AS PER PLAN	3 EACH	\$254.48	\$763.44	\$260.00	\$780.00	\$300.00	\$900.00		
27	CONCRETE FOOTING FOR BREAKAWAY SIGN POST, 2'-0" DIA. X 7'-0"	2 EACH	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00		
28	TRAFFIC CONTROL	1 LS	\$25,000.00	\$25,000.00	\$11,000.00	\$11,000.00	\$12,000.00	\$12,000.00		
29	MOBILIZATION	1 LS	\$94,936.10	\$94,936.10	\$250,000.00	\$250,000.00	\$200,000.00	\$200,000.00		
30	LIGHTWEIGHT FOAM CONCRETE FILL	400 CY	\$125.00	\$50,000.00	\$220.00	\$88,000.00	\$275.00	\$110,000.00		
31	TRASH RECEPACLE	2 EACH	\$750.00	\$1,500.00	\$1,500.00	\$3,000.00	\$2,500.00	\$5,000.00		
32	BICYCLE RACK	2 EACH	\$600.00	\$1,200.00	\$1,000.00	\$2,000.00	\$3,500.00	\$7,000.00		
33	PEDESTRIAN BENCH	6 EACH	\$950.00	\$5,700.00	\$3,500.00	\$21,000.00	\$4,500.00	\$27,000.00		
34	SUBDRAIN OUTLET	1 EACH	\$300.00	\$300.00	\$1,400.00	\$1,400.00	\$600.00	\$600.00		
35	EMERGENCY REMOVAL OF TEMPORARY ACCESS BERM	1 LS	\$350,000.00	\$350,000.00	\$2,500.00	\$2,500.00	\$150,000.00	\$150,000.00		
36	TYPE 1 RAILING	216 LF	\$225.00	\$48,600.00	\$220.00	\$47,520.00	\$350.00	\$75,600.00		
37	TYPE 2 RAILING	70 LF	\$250.00	\$17,500.00	\$550.00	\$38,500.00	\$550.00	\$38,500.00		
39	BRIDGE ELECTRICAL REMOVAL AND REPLACEMENT	1 LS	\$111,105.00	\$111,105.00	\$230,000.00	\$230,000.00	\$223,000.00	\$223,000.00		
40	CONCRETE STEPS	342 SF	\$10.00	\$3,420.00	\$30.00	\$10,260.00	\$130.00	\$44,460.00		
41	PCC MOW STRIP	188 SF	\$7.00	\$1,316.00	\$20.00	\$3,760.00	\$20.00	\$3,760.00		
42	MULCHING	0.8 AC	\$2,500.00	\$2,000.00	\$1,500.00	\$1,200.00	\$1,500.00	\$1,200.00		
43	SODDING	357 SQ	\$48.92	\$17,464.44	\$50.00	\$17,850.00	\$50.00	\$17,850.00		
44	WATERING SOD, SPECIAL DITCH CONTROL, OR SLOPE PROTECT.	357 MGAL	\$100.00	\$35,700.00	\$40.00	\$14,280.00	\$40.00	\$14,280.00		

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<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>UNIT</u> <u>PRICE</u>	<u>AMOUNT</u>	<u>UNIT</u> <u>PRICE</u>	<u>AMOUNT</u>	<u>UNIT</u> <u>PRICE</u>	<u>AMOUNT</u>	<u>UNIT</u> <u>PRICE</u>	<u>AMOUNT</u>
45	MOBILIZATION FOR WATERING	10 EACH	\$200.00	\$2,000.00	\$150.00	\$1,500.00	\$150.00	\$1,500.00		
46	SILT FENCE	728 LF	\$1.70	\$1,237.60	\$1.50	\$1,092.00	\$1.50	\$1,092.00		
47	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	728 LF	\$0.23	\$167.44	\$0.25	\$182.00	\$0.25	\$182.00		
48	MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK	72.8 LF	\$1.20	\$87.36	\$1.00	\$72.80	\$1.00	\$72.80		
49	PERIMETER & SLOPE SEDIMENTATION CONTROL DEVICE, 12 IN. DIA.	530 LF	\$4.80	\$2,544.00	\$2.50	\$1,325.00	\$2.50	\$1,325.00		
50	REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE	530 LF	\$1.00	\$530.00	\$0.25	\$132.50	\$0.25	\$132.50		
51	MOBILIZATION, EROSION CONTROL	5 EACH	\$1,000.00	\$5,000.00	\$500.00	\$2,500.00	\$500.00	\$2,500.00		
52	MOBILIZATION, EMERGENCY EROSION CONTROL	1 EACH	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00		
53	SHRUBS	48 EACH	\$75.00	\$3,600.00	\$40.00	\$1,920.00	\$40.00	\$1,920.00		
55	MULCH	3.9 CY	\$300.00	\$1,170.00	\$130.00	\$507.00	\$130.00	\$507.00		
56	FERTILIZER	24 LB	\$5.00	\$120.00	\$2.00	\$48.00	\$2.00	\$48.00		
57	WATERING FOR PLANTS	28.8 MGAL	\$100.00	\$2,880.00	\$40.00	\$1,152.00	\$40.00	\$1,152.00		
	TOTAL CONSTRUCTION COST			\$2,830,000.00		\$2,458,787.30		\$4,361,168.80		\$0.00
	PERCENT OF ENGINEER'S ESTIMATE					-13.12%		+54.10%		-100.00%
						Low				

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