

DATE February 25, 2019

**PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT
DOCUMENTS, AND ENGINEER'S ESTIMATE ON
RUAN CONNECTOR;
RECEIVE AND FILE BIDS**

WHEREAS, on January 28, 2019, under Roll Call No. 19-0107, 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:

Ruan Connector, 04-2018-013

The improvement includes Portland Cement Concrete (PCC) paving, Hot Mix Asphalt (HMA) pavement, precast concrete arch structure, Excavation Class 20, dewatering, storm sewer, modified subbase, lighting, landscaping, sodding, fencing, and incidental items; all in accordance with the contract documents, including Plan File Nos. 607-001/042, located under Fleur Drive north of George Flagg Parkway, 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 |
| Herberger Construction Company, Inc. | Indianola, IA |
| Jensen Construction Company | Des Moines, IA |

★ **Roll Call Number**

Agenda Item Number

52

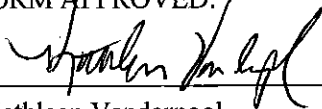
DATE February 25, 2019

which were received and 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 February 12, 2019. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.

(City Council Communication Number 19-074 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 Miscellaneous - 7, Ruan Connector, MS019, Being: \$2,545,825.70 Private

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

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.

MOTION CARRIED

APPROVED

Mayor

City Clerk

TABULATED BY: E. HOVDA
CHECKED BY: *Adam Vaughan*

APPROVED BY: *Colin Miller*

CONTRACTOR'S BID TABULATION
PROJECT: RUAN CONNECTOR

ESTIMATE

CRAMER AND ASSOCIATES,
INC.
GRIMES, IA

HERBERGER CONSTRUCTION
COMPANY, INC.
INDIANOLA, IA

JENSEN CONSTRUCTION
COMPANY
DES MOINES, IA

BID SECURITY
10% Bid Bond
BID PRICE

BID SECURITY
10% Bid Bond
BID PRICE

BID SECURITY
10% Bid Bond
BID PRICE

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1.01	MODIFIED SUBBASE	150 CY	\$50.00	\$7,500.00	\$83.00	\$12,450.00	\$85.00	\$12,750.00	\$83.00	\$12,450.00
1.02	SHOULDER CONSTRUCTION, EARTH STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 10 IN.	4.8 STA	\$500.00	\$2,400.00	\$2,700.00	\$12,960.00	\$2,750.00	\$13,200.00	\$2,700.00	\$12,960.00
1.03	FLOODED BACKFILL	693 SY	\$215.00	\$148,995.00	\$150.00	\$103,950.00	\$180.00	\$110,880.00	\$150.00	\$103,950.00
1.04	EXCAVATION, CLASS 20	1760 CY	\$50.00	\$88,000.00	\$55.00	\$96,800.00	\$65.00	\$114,400.00	\$65.00	\$96,800.00
1.05	FOUNDATION TREATMENT MATERIAL	3870 CY	\$30.00	\$116,100.00	\$31.00	\$119,970.00	\$32.00	\$123,840.00	\$31.00	\$119,970.00
1.06	STRUCTURAL CONCRETE (MISCELLANEOUS)	1260 TON	\$45.00	\$56,700.00	\$38.00	\$47,880.00	\$40.00	\$50,400.00	\$38.00	\$47,880.00
1.07	REINFORCING STEEL, EPOXY COATED	39.6 CY	\$700.00	\$27,720.00	\$2,300.00	\$91,080.00	\$1,250.00	\$49,500.00	\$2,000.00	\$79,200.00
1.08	TEMPORARY SHEET PILES AND SHORING	2555 LB	\$2.00	\$5,110.00	\$2.00	\$5,110.00	\$1.75	\$4,471.25	\$2.25	\$5,748.75
1.09	REMOVAL OF PAVEMENT	1 LS	\$85,000.00	\$85,000.00	\$200,000.00	\$200,000.00	\$155,000.00	\$155,000.00	\$225,000.00	\$225,000.00
1.10	SAFETY CLOSURE	693 SY	\$20.00	\$13,860.00	\$29.00	\$20,097.00	\$30.00	\$20,790.00	\$29.00	\$20,097.00
1.11	CONSTRUCTION SURVEY	4 EACH	\$500.00	\$2,000.00	\$250.00	\$1,000.00	\$275.00	\$1,100.00	\$100.00	\$400.00
1.12	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	1 LS	\$20,000.00	\$20,000.00	\$9,000.00	\$9,000.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00
1.13	MOBILIZATION	0.6 STA	\$2,000.00	\$1,200.00	\$1,500.00	\$900.00	\$1,800.00	\$1,350.00	\$1,500.00	\$810.00
1.14	PRECAST CONCRETE ARCH, 19'-6" x 10'-6"	1 LS	\$261,315.15	\$261,315.15	\$150,000.00	\$150,000.00	\$235,000.00	\$235,000.00	\$225,000.00	\$225,000.00
1.15	PRECAST CONCRETE ARCH FOOTING	95 LF	\$3,000.00	\$285,000.00	\$2,250.00	\$213,750.00	\$2,850.00	\$270,750.00	\$2,725.00	\$258,875.00
1.16	PRECAST WINGWALL FOOTING	193.33 LF	\$525.00	\$101,498.25	\$400.00	\$77,332.00	\$450.00	\$86,988.50	\$500.00	\$96,665.00
1.17	DEWATERING	134.54 LF	\$800.00	\$107,632.00	\$730.00	\$98,214.20	\$550.00	\$73,997.00	\$650.00	\$87,451.00
1.18	PRECAST WINGWALL	1 LS	\$75,000.00	\$75,000.00	\$10,000.00	\$10,000.00	\$140,000.00	\$140,000.00	\$115,000.00	\$115,000.00
1.19	BENTONITE WATERPROOFING MEMBRANE	1435.6 SF	\$100.00	\$143,560.00	\$115.00	\$165,094.00	\$115.00	\$165,094.00	\$135.00	\$193,806.00
1.20	BITUMINOUS WATERPROOFING MEMBRANE	1900 SF	\$2.00	\$3,800.00	\$6.00	\$11,400.00	\$5.00	\$9,500.00	\$3.00	\$5,700.00
1.21	EXCAVATION, CLASS 10, ROADWAY AND BORROW	5800 SF	\$2.00	\$11,600.00	\$4.00	\$23,200.00	\$5.00	\$29,000.00	\$8.00	\$34,800.00
2.01	TOPSOIL, STRIP, SALVAGE AND SPREAD	201 CY	\$15.00	\$3,015.00	\$36.00	\$7,236.00	\$36.00	\$7,236.00	\$36.00	\$7,236.00
2.02	REMOVAL OF LIGHT POLES	280 CY	\$15.00	\$3,900.00	\$35.00	\$9,100.00	\$35.00	\$9,100.00	\$35.00	\$9,100.00
2.03	STRUCTURAL CONCRETE COATING	1 EACH	\$500.00	\$500.00	\$825.00	\$825.00	\$850.00	\$850.00	\$825.00	\$825.00
2.04	ORNAMENTAL METAL RAILING	385 SY	\$65.00	\$25,025.00	\$63.00	\$24,255.00	\$30.00	\$11,550.00	\$63.00	\$24,255.00
2.05	APRONS, CONCRETE, 24 IN. DIA.	100 LF	\$300.00	\$30,000.00	\$465.00	\$46,500.00	\$500.00	\$50,000.00	\$525.00	\$52,500.00
2.06	MANHOLE, SANITARY SEWER, SW-301, 48 IN.	1 EACH	\$12,200.00	\$12,200.00	\$3,600.00	\$3,600.00	\$3,800.00	\$3,800.00	\$3,600.00	\$3,600.00
2.07	CONNECTION TO EXISTING INTAKE	3 EACH	\$4,000.00	\$12,000.00	\$5,800.00	\$17,400.00	\$6,000.00	\$18,000.00	\$5,800.00	\$17,400.00
2.08	STORM SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 8 IN	1 EACH	\$1,200.00	\$1,200.00	\$3,800.00	\$3,800.00	\$4,000.00	\$4,000.00	\$3,800.00	\$3,800.00
2.09	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 12 IN.	21 LF	\$72.00	\$1,512.00	\$168.00	\$3,528.00	\$180.00	\$3,780.00	\$168.00	\$3,528.00
2.10	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 18 IN.	106.2 LF	\$78.00	\$8,283.60	\$166.00	\$17,629.20	\$175.00	\$18,585.00	\$166.00	\$17,629.20
2.11	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 24 IN.	20 LF	\$90.00	\$1,800.00	\$192.00	\$3,840.00	\$200.00	\$4,000.00	\$192.00	\$3,840.00
2.12	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 12 IN.	122.4 LF	\$140.00	\$17,136.00	\$147.00	\$17,992.80	\$155.00	\$18,972.00	\$147.00	\$17,992.80
2.13	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 24 IN.	10 LF	\$350.00	\$3,500.00	\$279.00	\$2,790.00	\$300.00	\$3,000.00	\$279.00	\$2,790.00
2.14	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	10 LF	\$380.00	\$3,800.00	\$410.00	\$4,100.00	\$425.00	\$4,250.00	\$410.00	\$4,100.00
2.15	STORM SEWER ABANDONMENT, FILL AND PLUG, LESS THAN OR EQUAL TO 36 IN. DIA.	96 LF	\$25.00	\$2,400.00	\$60.00	\$5,760.00	\$64.00	\$6,144.00	\$60.00	\$5,760.00
2.16	REVTMENT, CLASS E	99 LF	\$25.00	\$2,475.00	\$68.00	\$6,732.00	\$70.00	\$6,930.00	\$68.00	\$6,732.00
2.17	RECREATIONAL TRAIL, HOT MIX ASPHALT, 8 IN	10 TON	\$100.00	\$1,000.00	\$114.00	\$1,140.00	\$115.00	\$1,150.00	\$114.00	\$1,140.00
2.18	RECREATIONAL TRAIL, PORTLAND CEMENT CONCRETE, 6 IN.	340 SY	\$40.00	\$13,600.00	\$81.00	\$27,540.00	\$86.00	\$29,400.00	\$85.00	\$28,700.00
2.19	REMOVAL OF SIDEWALK	220 SY	\$80.00	\$17,600.00	\$135.00	\$29,700.00	\$125.00	\$27,500.00	\$110.00	\$24,200.00
2.20	CURB AND GUTTER, P.C. CONCRETE, 2.5 FT.	222 SY	\$10.00	\$2,220.00	\$22.00	\$4,884.00	\$15.00	\$3,330.00	\$14.00	\$3,108.00
2.21	PASSAGEWAY CURB	105 LF	\$35.00	\$3,675.00	\$48.00	\$5,040.00	\$48.00	\$5,040.00	\$48.00	\$5,040.00
2.22	TRENCH DRAIN	190 LF	\$310.00	\$58,900.00	\$700.00	\$133,000.00	\$850.00	\$161,500.00	\$850.00	\$161,500.00
2.23	LIMESTONE EDGER	18 LF	\$250.00	\$4,500.00	\$275.00	\$4,950.00	\$275.00	\$4,950.00	\$275.00	\$4,950.00
2.24	REMOVAL OF WATER MAIN	166 LF	\$12.00	\$1,992.00	\$15.00	\$2,490.00	\$13.00	\$2,158.00	\$12.00	\$1,992.00
2.25	TREE PROTECTION FENCE, 48 IN	96 LF	\$25.00	\$2,400.00	\$91.00	\$8,736.00	\$95.00	\$9,120.00	\$91.00	\$8,736.00
2.26	MASONRY VENEER	375 LF	\$5.00	\$1,875.00	\$10.00	\$3,750.00	\$8.00	\$3,000.00	\$8.00	\$3,000.00
2.27	PASSAGEWAY LIGHTING	1 LS	\$235,000.00	\$235,000.00	\$235,000.00	\$235,000.00	\$235,000.00	\$235,000.00	\$235,000.00	\$235,000.00
2.28	PASSAGEWAY ELECTRICAL	1 LS	\$50,000.00	\$50,000.00	\$53,000.00	\$53,000.00	\$55,000.00	\$55,000.00	\$53,000.00	\$53,000.00
2.29	STORMWATER POLLUTION PREVENTION	1 LS	\$25,000.00	\$25,000.00	\$18,000.00	\$18,000.00	\$18,000.00	\$18,000.00	\$17,500.00	\$17,500.00
2.30		1 LS	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00	\$4,500.00	\$4,500.00	\$4,000.00	\$4,000.00

52

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
2.31	SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAIL	560 SY	\$5.00	\$2,800.00	\$12.00	\$6,720.00	\$12.00	\$6,720.00	\$12.00	\$6,720.00
2.32	GRAFFITI SEALER	385 SY	\$25.00	\$9,625.00	\$31.00	\$11,935.00	\$15.00	\$5,775.00	\$31.00	\$11,935.00
2.33	MULCHING, BONDED FIBER MATRIX	0.25 ACRE	\$3,500.00	\$875.00	\$4,800.00	\$1,200.00	\$4,000.00	\$1,000.00	\$4,000.00	\$1,000.00
2.34	SEEDING AND FERTILIZING (URBAN)	0.25 ACRE	\$6,500.00	\$1,625.00	\$2,100.00	\$525.00	\$4,000.00	\$1,000.00	\$4,000.00	\$1,000.00
2.35	SODDING	62 SQ	\$62.00	\$3,844.00	\$50.00	\$3,100.00	\$100.00	\$6,200.00	\$100.00	\$6,200.00
2.36	WATERING FOR SOD, SPECIAL DITCH CONTROL, OR SLOPE PROTECTION	37.2 MGAL	\$60.00	\$2,232.00	\$100.00	\$3,720.00	\$65.00	\$2,418.00	\$60.00	\$2,232.00
2.37	FLOWERS, AS PER PLAN	1 LS	\$9,750.00	\$9,750.00	\$5,600.00	\$5,600.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00
2.38	WATERING FOR PLANTS	27 MGAL	\$30.00	\$810.00	\$100.00	\$2,700.00	\$65.00	\$1,755.00	\$60.00	\$1,620.00
3.01	HANDHOLE AND JUNCTION BOX	2 EA	\$750.00	\$1,500.00	\$2,000.00	\$4,000.00	\$1,950.00	\$3,900.00	\$1,875.00	\$3,750.00
3.02	TRAFFIC CONTROL	1 LS	\$40,000.00	\$40,000.00	\$32,000.00	\$32,000.00	\$37,500.00	\$37,500.00	\$23,500.00	\$23,500.00
3.03	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	510 CDAY	\$100.00	\$51,000.00	\$30.00	\$15,300.00	\$35.00	\$17,850.00	\$45.00	\$22,950.00
3.04	COLORLED CONCRETE CORNER PIER	4 EA	\$1,200.00	\$4,800.00	\$1,500.00	\$6,000.00	\$1,500.00	\$6,000.00	\$2,250.00	\$9,000.00
3.05	COLORLED CONCRETE IN-LINE PIER	6 EA	\$1,200.00	\$7,200.00	\$1,500.00	\$9,000.00	\$1,500.00	\$9,000.00	\$2,250.00	\$9,000.00
3.06	REMOVAL OF CENTER MEDIAN	540 LF	\$100.00	\$54,000.00	\$27.00	\$14,580.00	\$65.00	\$35,100.00	\$27.00	\$14,580.00
3.07	RESTORATION OF MEDIAN, PLANTER	145 LF	\$300.00	\$43,500.00	\$450.00	\$65,250.00	\$250.00	\$36,250.00	\$325.00	\$47,125.00
3.08	RESTORATION OF MEDIAN, SOD	290 LF	\$250.00	\$72,500.00	\$235.00	\$68,150.00	\$185.00	\$47,850.00	\$195.00	\$56,550.00
3.09	3 INCH HDPE CONDUIT, BORED	550 LF	\$10.00	\$5,500.00	\$15.00	\$8,250.00	\$16.00	\$8,800.00	\$15.00	\$8,250.00
3.10	INSTALL 12 STRAND FIBER	1750 LF	\$2.00	\$3,500.00	\$3.50	\$6,125.00	\$3.75	\$6,562.50	\$3.50	\$6,125.00
3.11	INSTALL 36 STRAND FIBER	2770 LF	\$2.00	\$5,540.00	\$3.15	\$8,725.50	\$3.50	\$9,695.00	\$3.15	\$8,725.50
3.12	FENCE, TEMPORARY, CHAIN LINK, 72IN HEIGHT	470 LF	\$20.00	\$9,400.00	\$7.00	\$3,290.00	\$10.00	\$4,700.00	\$9.25	\$4,347.50
3.13	REMOVAL OF FENCE, TEMPORARY, CHAIN LINK, 72IN HEIGHT	470 LF	\$5.00	\$2,350.00	\$5.00	\$2,350.00	\$1.25	\$587.50	\$1.25	\$587.50
3.14	PEDESTRIAN TRAIL SIGNAGE	1 LS	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00	\$2,750.00	\$2,750.00	\$2,000.00	\$2,000.00
3.15	TEMPORARY PAVEMENT, HMA, RECREATIONAL TRAIL	370 SY	\$50.00	\$18,500.00	\$70.00	\$25,900.00	\$45.00	\$16,650.00	\$38.00	\$14,060.00
3.16	REMOVAL OF TEMPORARY PAVEMENT, HMA, RECREATIONAL TRAIL	370 SY	\$25.00	\$9,250.00	\$20.00	\$7,400.00	\$30.00	\$11,100.00	\$25.00	\$9,250.00
3.17	TEMPORARY PAVEMENT, 4" HMA	120 TON	\$120.00	\$14,400.00	\$450.00	\$54,000.00	\$160.00	\$19,200.00	\$150.00	\$18,000.00
TOTAL CONSTRUCTION COST				\$2,500,000.00		\$2,545,825.70		\$2,704,838.75		\$2,715,024.25
PERCENT OF ENGINEER'S ESTIMATE						+1.83%		+8.19%		+8.60%
						Low				

25