

54

DATE July 11, 2016

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON GRAND AVENUE BRIDGE OVER THE DES MOINES RIVER REPLACEMENT; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS CRAMER AND ASSOCIATES, INC., ROBERT CRAMER, PRESIDENT/CAO, \$9,060,752.68

WHEREAS, on May 23, 2016, under Roll Call No. 16-0829, 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:

Grand Avenue Bridge over the Des Moines River Replacement, 12-2013-001
STP-U-1945(813)--70-77

The improvement includes removal of the existing bridge and substructure, construction of a new pretensioned prestressed concrete beam bridge on concrete pier and steel pile foundations, pedestrian rail and aesthetic metal panel facade, aesthetic LED lighting, pavement removal, new bridge approach pavement, sidewalk removal and replacement, erosion control, seeding and sodding, traffic control, pavement markings, and mobilization; all work in accordance with the contract documents including Plan File Nos. 571-203/321, on Grand Avenue over Des Moines River located between 2nd Avenue and Robert D. Ray Drive in 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 |
| United Contractors, Inc. and Subsidiaries | Johnston, IA |
| Jensen Construction Company | Des Moines, IA |

which in accordance with a previously approved Iowa DOT Agreement, were received and opened by the Iowa DOT on June 21, 2016. The attached tabulation of bids by the Iowa DOT for said improvement be and is hereby accepted, 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 \$9,060,752.68, and said bid be and the same is hereby accepted.

★ **Roll Call Number**

Agenda Item Number

54

DATE July 11, 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.

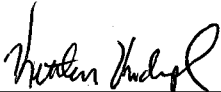
BE IT FURTHER RESOLVED: That the City Council hereby authorizes the necessary road closures for the Project.


(City Council Communication Number 16-372 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 Bridge – 10, Grand Avenue Bridge over the Des Moines River, BR047, Being: \$2,129,000 in Federal Highway Bridge Program funds (\$2,129,000 maximum) being 80% of eligible construction costs under STP-U-1945(813)—70-77; \$177,566.70 from various Utility Companies for conduit installations); \$1,934,185.98 TIF Bonds issued; \$4,270,000 TIF Bonds to be issued (FY2017); and an additional \$550,000 TIF Bonds to be issued (FY2018).

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

IOWA DEPARTMENT OF TRANSPORTATION
VENDOR RANKING

Run Date: 06/21/16
Page: 007 1

Bid Order: 007
Letting Date: 160621 10:00 A.M.
Contract Period: Completion Date: 07/01/18

Contract ID: 77-1945-813

Primary County: POLK
Established DBE Goal: 3.00 %

Project: STP-U-1945(813)--70-77
Work Type: BRIDGE REPLACEMENT - PPCB
County: POLK
Route: EAST GRAND AVE
Location: IN THE CITY OF DES MOINES, E GRAND AVE: OVER
DES MOINES RIVE R

RANK	VENDOR NO./NAME	TOTAL BID	% OVER LOW BID
1	CR120 CRAMER AND ASSOC., INC.	\$ 9,060,752.68	100.00 %
2	UN059 UNITED CONTRACTORS INC. AND SUBSIDIARIES	\$ 9,845,259.05	108.65 %
3	JE200 JENSEN CONSTRUCTION CO.	\$ 12,861,149.85	141.94 %

CONFIDENTIAL - destroy if project is NOT awarded

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IOWA DEPARTMENT OF TRANSPORTATION

TABULATION OF CONSTRUCTION AND MATERIAL BIDS

Run Date: 06/21/16
Page: 007 2

Bid Order: 007
Letting Date: 06/21/16 10:00 A.M.

Contract ID: 77-1945-813

Primary County: POLK

LINE NO / ITEM CODE / ALT ITEM DESCRIPTION	QUANTITY		(1) CR120 CRAMER AND ASSOC., INC.		(2) UN059 UNITED CONTRACTORS INC. AND		(3) JE200 JENSEN CONSTRUCTION CO.	
			UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
SECTION 0001	ITEMS FOR A 446'-0 X 54'-0 PRETENSIONED PRESTRESSED CONCRETE BEAM BRDGE WITH 14' SIDEWALKS							
0010 2401-6745625		LUMP	735000.00000	735000.00	1400000.00000	1400000.00	3330000.00000	3330000.00
REMOVAL OF EXISTING BRIDGE								
0020 2401-6750001		LUMP	30000.00000	30000.00	100000.00000	100000.00	195000.00000	195000.00
REMOVALS, AS PER PLAN								
0030 2402-2720000	314.000	CY	20.00000	6280.00	50.00000	15700.00	100.00000	31400.00
EXCAVATION, CLASS 20								
0040 2402-2721000	1525.000	CY	325.00000	495625.00	200.00000	305000.00	575.00000	876875.00
EXCAVATION, CLASS 21								
0050 2402-2722000	170.000	CY	55.00000	9350.00	200.00000	34000.00	200.00000	34000.00
EXCAVATION, CLASS 22								
0060 2403-0100010	2178.300	CY	550.00000	1198065.00	600.00000	1306980.00	600.00000	1306980.00
STRUCTURAL CONCRETE (BRIDGE)								
0070 2403-7000210	1563.500	CY	700.00000	1094450.00	650.00000	1016275.00	700.00000	1094450.00
HIGH PERFORMANCE STRUCTURAL CONCRETE								
0080 2404-7775000	227189.000	LB	1.25000	283986.25	1.05000	238548.45	1.40000	318064.60
REINFORCING STEEL								
0090 2404-7775005	485439.000	LB	0.82000	398059.98	0.95000	461167.05	1.00000	485439.00
REINFORCING STEEL, EPOXY COATED								
0100 2407-0563100	24.000	EACH	19000.00000	456000.00	20000.00000	480000.00	18000.00000	432000.00
BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC100								
0110 2407-0563120	24.000	EACH	22500.00000	540000.00	24000.00000	576000.00	22000.00000	528000.00
BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC120								
0120 2408-7800000	51285.000	LB	3.50000	179497.50	3.00000	153855.00	3.00000	153855.00
STRUCTURAL STEEL								
0130 2414-6460000	898.000	LF	170.00000	152660.00	237.00000	212826.00	200.00000	179600.00
ORNAMENTAL METAL RAILING								
0140 2499-2300001		LUMP	21000.00000	21000.00	35000.00000	35000.00	30000.00000	30000.00
DECK DRAINS								
0150 2501-0201284	6320.000		55.00000	347600.00	55.00000	347600.00	65.00000	410800.00
PILES, STEEL, HP 12 X 84								
0160 2533-4980005		LUMP	900000.00000	900000.00	765000.00000	765000.00	1100000.00000	1100000.00
MOBILIZATION								
0170 2536-6745045		LUMP	30000.00000	30000.00	43000.00000	43000.00	10000.00000	10000.00
REMOVAL OF ASBESTOS								
0180 2599-9999005	4.000	EACH	1000.00000	4000.00	2000.00000	8000.00	3000.00000	12000.00
('EACH' ITEM) BRIDGE PILE								

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IOWA DEPARTMENT OF TRANSPORTATION

TABULATION OF CONSTRUCTION AND MATERIAL BIDS

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Page: 007 3

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Contract ID: 77-1945-813

Primary County: POLK

LINE NO / ITEM CODE / ALT ITEM DESCRIPTION	QUANTITY	(1) CR120 CRAMER AND ASSOC., INC.		(2) UN059 UNITED CONTRACTORS INC. AND		(3) JE200 JENSEN CONSTRUCTION CO.	
		UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
0190 2599-9999009 ('LINEAR FEET' ITEM) CONCRETE CORING AT ABUTMENT PILES	480.000 LF	650.00000	312000.00	1000.00000	480000.00	275.00000	132000.00
0195 2599-9999009 ('LINEAR FEET' ITEM) STEEL SIDEWALK EXPANSION JOINT COVER	58.500 LF	185.00000	10822.50	500.00000	29250.00	400.00000	23400.00
0200 2599-9999010 ('LUMP SUM' ITEM) AESTHETIC LIGHTING	LUMP	525000.00000	525000.00	497500.00000	497500.00	475000.00000	475000.00
0210 2599-9999010 ('LUMP SUM' ITEM) AESTHETIC PANELS	LUMP	650000.00000	650000.00	679000.00000	679000.00	775000.00000	775000.00
SECTION TOTALS		\$	8,379,396.23	\$	9,184,701.50	\$	11,933,863.60
SECTION 0002 ROADWAY ITEMS							
0220 2301-0685550 BRIDGE APPROACH PAVEMENT, AS PER PLAN	986.000 SY	205.00000	202130.00	200.00000	197200.00	200.00000	197200.00
0230 2315-8275025 SURFACING, DRIVEWAY, CLASS A CRUSHED STONE	30.000 TON	50.00000	1500.00	25.00000	750.00	65.00000	1950.00
0240 2401-6750001 REMOVALS, AS PER PLAN	LUMP	6000.00000	6000.00	10000.00000	10000.00	17000.00000	17000.00
0250 2412-0000100 LONGITUDINAL GROOVING IN CONCRETE	3326.000 SY	3.00000	9978.00	2.85000	9479.10	3.00000	9978.00
0260 2506-4984000 FLOWABLE MORTAR	260.000 CY	120.00000	31200.00	175.00000	45500.00	250.00000	65000.00
0270 2510-6745850 REMOVAL OF PAVEMENT	1007.000 SY	15.00000	15105.00	10.00000	10070.00	28.00000	28196.00
0280 2511-0300000 REMOVAL OF RECREATIONAL TRAIL	179.000 SY	13.00000	2327.00	10.00000	1790.00	20.00000	3580.00
0290 2511-0301600 RECREATIONAL TRAIL, HOT MIX ASPHALT, IN.	179.000 SY	100.00000	17900.00	95.00000	17005.00	95.00000	17005.00
0300 2511-0310100 SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAIL	1.600 SY	2500.00000	4000.00	1000.00000	1600.00	3000.00000	4800.00
0310 2511-6745900 REMOVAL OF SIDEWALK	433.000 SY	10.00000	4330.00	10.00000	4330.00	20.00000	8660.00
0320 2511-7526006 SIDEWALK, P.C. CONCRETE, 6 IN.	257.500 SY	103.00000	25853.00	50.00000	12550.00	100.00000	25100.00
0330 2515-6745600 REMOVAL OF PAVED DRIVEWAY	80.000 SY	20.00000	800.00	10.00000	400.00	32.00000	1280.00

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Contract ID: 77-1945-813

Primary County: POLK

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			UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
0340 2518-6910000 SAFETY CLOSURE	5.000	EACH	200.00000	1000.00	200.00000	1000.00	200.00000	1000.00
0350 2519-3300700 FENCE, TEMPORARY	594.000	LF	8.50000	5049.00	8.50000	5049.00	8.50000	5049.00
0360 2519-4200190 REMOVAL OF FENCE, TEMPORARY	594.000	LF	5.00000	2970.00	5.00000	2970.00	5.00000	2970.00
0370 2523-0000310 HANDHOLES AND JUNCTION BOXES	5.000	EACH	2900.00000	14500.00	2800.00000	14000.00	1642.00000	8210.00
0380 2523-6765009 REMOVE AND REINSTALL LIGHT POLE AND LUMINAIRE	3.000	EACH	1600.00000	4800.00	1550.00000	4650.00	2163.00000	6489.00
0390 2524-6765010 REMOVE AND REINSTALL SIGN AS PER PLAN	1.000	EACH	4000.00000	4000.00	4000.00000	10000.00	4500.00000	4500.00
0400 2527-9263117 PAINTED PAVEMENT MARKINGS, DURABLE	79.500	STA	85.00000	6757.50	85.00000	6757.50	85.00000	6757.50
0410 2527-9263143 PAINTED SYMBOLS AND LEGENDS, DURABLE	8.000	EACH	130.00000	1040.00	130.00000	1040.00	130.00000	1040.00
0420 2527-9263180 PAVEMENT MARKINGS REMOVED	60.500	STA	45.00000	2722.50	45.00000	2722.50	45.00000	2722.50
0430 2527-9263190 SYMBOLS AND LEGENDS REMOVED	8.000	EACH	90.00000	720.00	90.00000	720.00	90.00000	720.00
0440 2527-9270111 GROOVES CUT FOR PAVEMENT MARKINGS	79.500	STA	52.00000	4134.00	52.00000	4134.00	52.00000	4134.00
0450 2527-9270120 GROOVES CUT FOR SYMBOLS AND LEGENDS	8.000	EACH	95.00000	760.00	95.00000	760.00	95.00000	760.00
0460 2528-8445110 TRAFFIC CONTROL		LUMP	25000.00000	25000.00	50000.00000	50000.00	40000.00000	40000.00
0470 2528-9290050 PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	160.000	CDAY	60.00000	9600.00	60.00000	9600.00	60.00000	9600.00
0480 2599-9999005 ('EACH' ITEM) ADJUSTMENT OF FIXTURES	1.000	EACH	1100.00000	1100.00	2000.00000	2000.00	1125.00000	1125.00
0490 2599-9999005 ('EACH' ITEM) EMERGENCY REMOVAL /	1.000	EACH	52500.00000	52500.00	5000.00000	5000.00	100000.00000	100000.00
0500 2599-9999005 ('EACH' ITEM) INLET PROTECTION DEVICE, DROP-IN	2.000	EACH	150.00000	300.00	150.00000	300.00	150.00000	300.00
0510 2599-9999005 ('EACH' ITEM) INLET PROTECTION DEVICE, MAINTENANCE	24.000	EACH	20.00000	480.00	20.00000	480.00	20.00000	480.00
0520 2599-9999005 ('EACH' ITEM) INLET PROTECTION DEVICE, OPEN THROAT	1.000	EACH	75.00000	75.00	75.00000	75.00	75.00000	75.00

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		UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
0530 2599-9999009 ('LINEAR FEET' ITEM) 2 IN. FIBERGLASS CONDUIT	529.000 LF	24.70000	13066.30	24.70000	13066.30	54.25000	28698.25
0540 2599-9999009 ('LINEAR FEET' ITEM) 2 IN. RIGID STEEL CONDUIT	4555.000 LF	12.75000	58076.25	12.75000	58076.25	17.25000	78573.75
0550 2599-9999009 ('LINEAR FEET' ITEM) 2 IN. SCH 40 PVC CONDUIT	1647.000 LF	4.90000	8070.30	4.90000	8070.30	13.25000	21822.75
0560 2599-9999009 ('LINEAR FEET' ITEM) 5 IN. FIBERGLASS CONDUIT	3174.000 LF	29.40000	93315.60	29.40000	93315.60	48.75000	154732.50
0570 2599-9999009 ('LINEAR FEET' ITEM) 5 IN. RIGID STEEL CONDUIT	95.000 LF	68.20000	6479.00	68.20000	6479.00	248.00000	23560.00
0580 2599-9999010 ('LUMP SUM' ITEM) REMOVE AND REINSTALL HAWK SIGNAL	LUMP	9000.00000	9000.00	10000.00000	10000.00	9500.00000	9500.00
0590 2599-9999018 ('SQUARE YARDS' ITEM) COLORED PCC, 8 IN	98.000 SY	150.00000	14700.00	200.00000	19600.00	150.00000	14700.00
0600 2601-2634105 MULCHING, BONDED FIBER MATRIX	0.500 ACRE	3000.00000	1500.00	3000.00000	1500.00	3000.00000	1500.00
0610 2601-2639010 SODDING	90.000 SQ	45.00000	4050.00	45.00000	4050.00	45.00000	4050.00
0620 2601-2642100 STABILIZING CROP - SEEDING AND FERTILIZING	0.500 ACRE	1200.00000	600.00	1200.00000	600.00	1200.00000	600.00
0630 2601-2643110 WATERING FOR SOD, SPECIAL DITCH CONTROL OR SLOPE PROTECTION	10.000 MGAL	60.00000	600.00	60.00000	600.00	60.00000	600.00
0640 2601-2643300 MOBILIZATION FOR WATERING	10.000 EACH	350.00000	3500.00	350.00000	3500.00	350.00000	3500.00
0650 2602-0000020 SILT FENCE	884.000 LF	1.50000	1326.00	1.50000	1326.00	1.50000	1326.00
0660 2602-0000071 REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	884.000 LF	0.50000	442.00	0.50000	442.00	0.50000	442.00
0670 2602-0000309 PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 9 IN. DIA.	1000.000 LF	1.50000	1500.00	1.50000	1500.00	1.50000	1500.00

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IOWA DEPARTMENT OF TRANSPORTATION
TABULATION OF CONSTRUCTION AND MATERIAL BIDS

Run Date: 06/21/16
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Bid Order: 007
Letting Date: 06/21/16 10:00 A.M.

Contract ID: 77-1945-813

Primary County: POLK

LINE NO / ITEM CODE / ALT ITEM DESCRIPTION	QUANTITY	(1) CR120 CRAMER AND ASSOC., INC.		(2) UN059 UNITED CONTRACTORS INC. AND		(3) JE200 JENSEN CONSTRUCTION CO.	
		UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
0680 2602-0000350 REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE	1000.000 LF	0.50000	500.00	0.50000	500.00	0.50000	500.00
0690 2602-0010010 MOBILIZATIONS, EROSION CONTROL	10.000 EACH	500.00000	5000.00	500.00000	5000.00	500.00000	5000.00
0700 2602-0010020 MOBILIZATIONS, EMERGENCY EROSION CONTROL	1.000 EACH	1000.00000	1000.00	1000.00000	1000.00	1000.00000	1000.00
SECTION TOTALS		\$	681,356.45	\$	660,557.55	\$	927,286.25
CONTRACT TOTALS		\$	9,060,752.68	\$	9,845,259.05	\$	12,861,149.85

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