

DATE December 19, 2016

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON EVERGREEN AVENUE BRIDGE OVER EASTER LAKE REPLACEMENT; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS UNITED CONTRACTORS, INC., STEPHEN E. SANDQUIST, PRESIDENT, \$1,034,338.10

WHEREAS, on November 21, 2016, under Roll Call No. 16-1972, 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:

Evergreen Avenue Bridge over Easter Lake Replacement, 12-2014-003

The improvement includes the replacement of the existing bridge including Class 10 excavation for roadway and channel, bridge approach pavement, removals, excavation Class 20, structural concrete, epoxy reinforcing steel, longitudinal grooving, aesthetic barrier rail, steel pedestrian handrails, steel piling, concrete pile encasements, engineering fabric and revetment, traffic control and flaggers, 12 inch water main, pavement markings, erosion control, seeding and fertilizing, and mobilization; all in accordance with the contract documents, including Plan File Nos. 577-092/124, located on Evergreen Avenue between S.E. 30th Court and S.E. 34th Street, 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:

- |                                      |                |
|--------------------------------------|----------------|
| United Contractors, Inc.             | Johnston, IA   |
| Herberger Construction Company, Inc. | Indianola, 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 December 6, 2016. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.

★ **Roll Call Number**

**Agenda Item Number**

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DATE December 19, 2016

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 United Contractors, Inc., Stephen E. Sandquist, President, 6678 N.W. 62nd Avenue, PO Box 347, Johnston, IA, 50131 in the amount of \$1,034,338.10, 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.

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 116-713 attached.)

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

FORM APPROVED:

FUNDS AVAILABLE

  
 Kathleen Vanderpool  
 Deputy City Attorney

  
 Daniel E. Ritter  
 Des Moines Finance Director

*see* Funding Source: 2016-2017 CIP, Page Bridge - 9, Evergreen Avenue over Easter Lake, BR050, Being: \$206,125.10 from the Polk County Conservation Board, \$79,650 from Des Moines Water Works for water main construction, and the remaining \$748,563 from BR050, G.O. Bonds

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

TABULATED BY: Z. Erickson APPROVED BY: R. De Groot  
CHECKED BY: [Signature]

**CONTRACTOR'S BID TABULATION**  
**PROJECT: EVERGREEN AVENUE BRIDGE OVER EASTER LAKE REPLACEMENT**

-----ESTIMATE-----

United Contractors, Inc.  
Johnston, IA

Herberger  
Construction Co., Inc.  
Indianola, IA

Jensen Construction Co.  
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
0001	EMBANKMENT-IN-PLACE	318 CY	\$50.00	\$15,900.00	\$45.00	\$14,310.00	\$50.00	\$15,900.00	\$45.00	\$14,310.00
0002	EXCAVATION, CLASS 10, ROADWAY AND BORROW	37 CY	\$100.00	\$3,700.00	\$115.00	\$4,255.00	\$125.00	\$4,625.00	\$115.00	\$4,255.00
0003	EXCAVATION, CLASS 10, WASTE	500 CY	\$15.00	\$7,500.00	\$20.00	\$10,000.00	\$21.00	\$10,500.00	\$20.00	\$10,000.00
0004	EXCAVATION, CLASS 10, CHANNEL	500 CY	\$15.00	\$7,500.00	\$20.00	\$10,000.00	\$21.00	\$10,500.00	\$20.00	\$10,000.00
0005	TOPSOIL, FURNISH AND SPREAD	110 CY	\$75.00	\$8,250.00	\$65.00	\$7,150.00	\$70.00	\$7,700.00	\$65.00	\$7,150.00
0006	GRANULAR SHOULDERS, TYPE B	11 TON	\$200.00	\$2,200.00	\$145.00	\$1,595.00	\$155.00	\$1,705.00	\$145.00	\$1,595.00
0007	SHOULDER CONSTRUCTION, EARTH	0.5 STA	\$1,000.00	\$500.00	\$6,900.00	\$3,450.00	\$7,250.00	\$3,625.00	\$6,900.00	\$3,450.00
0008	MACADAM STONE BASE	200 TON	\$50.00	\$10,000.00	\$55.00	\$11,000.00	\$60.00	\$12,000.00	\$55.00	\$11,000.00
0009	BRIDGE APPROACH PAVEMENT, AS PER PLAN	335.6 SY	\$160.00	\$53,696.00	\$167.00	\$56,045.20	\$177.00	\$59,401.20	\$180.00	\$60,408.00
0010	SURFACING, DRIVEWAY, CLASS A CRUSHED STONE	235 TON	\$25.00	\$5,875.00	\$40.00	\$9,400.00	\$40.00	\$9,400.00	\$25.00	\$5,875.00
0011	REMOVAL OF EXISTING BRIDGE	1 LS	\$50,000.00	\$50,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$70,000.00	\$70,000.00
0012	EXCAVATION, CLASS 20	238 CY	\$45.00	\$10,710.00	\$50.00	\$11,900.00	\$55.00	\$13,090.00	\$35.00	\$8,330.00
0013	STRUCTURAL CONCRETE (BRIDGE)	373.7 CY	\$750.00	\$280,275.00	\$750.00	\$280,275.00	\$745.00	\$278,406.50	\$975.00	\$364,357.50
0014	STRUCTURAL CONCRETE COATING	205 SY	\$120.00	\$24,600.00	\$50.00	\$10,250.00	\$92.00	\$18,860.00	\$87.00	\$17,835.00
0015	REINFORCING STEEL, EPOXY COATED	91654 LB	\$1.10	\$100,819.40	\$1.10	\$100,819.40	\$1.00	\$91,654.00	\$1.20	\$109,984.80
0016	CONCRETE BARRIER RAILING, AESTHETIC	242 LF	\$120.00	\$29,040.00	\$120.00	\$29,040.00	\$135.00	\$32,670.00	\$125.00	\$30,250.00
0017	STRUCTURAL STEEL PEDESTRIAN HAND RAILING , 10 IN. HEIGHT	213.2 LF	\$75.00	\$15,990.00	\$75.00	\$15,990.00	\$60.00	\$12,792.00	\$95.00	\$20,254.00
0018	STRUCTURAL STEEL PEDESTRIAN HAND RAILING , 4'-6 HEIGHT	119.7 LF	\$120.00	\$14,364.00	\$125.00	\$14,962.50	\$190.00	\$22,743.00	\$200.00	\$23,940.00
0019	PILES, STEEL, HP 10 X 42 ; 14 @ 35' & 24 @ 35'	1330 LF	\$45.00	\$59,850.00	\$45.00	\$59,850.00	\$40.00	\$53,200.00	\$45.00	\$59,850.00
0020	CONCRETE ENCASEMENT OF STEEL H PILES, HP 10 X 42 (P10L TYPE 3)	408 LF	\$125.00	\$51,000.00	\$125.00	\$51,000.00	\$240.00	\$97,920.00	\$205.00	\$83,640.00
0021	BRIDGE WING ARMORING - EROSION STONE	90 SY	\$55.00	\$4,950.00	\$65.00	\$5,850.00	\$60.00	\$5,400.00	\$150.00	\$13,500.00
0022	ENGINEERING FABRIC	800 SY	\$3.00	\$2,400.00	\$3.00	\$2,400.00	\$3.00	\$2,400.00	\$4.00	\$3,200.00
0023	REVTMENT, CLASS E	575 TON	\$70.00	\$40,250.00	\$70.00	\$40,250.00	\$60.00	\$34,500.00	\$55.00	\$31,625.00
0024	REVTMENT, REMOVE AND REPLACE	100 CY	\$50.00	\$5,000.00	\$20.00	\$2,000.00	\$125.00	\$12,500.00	\$80.00	\$8,000.00
0025	REMOVAL OF PAVEMENT	288 SY	\$20.00	\$5,760.00	\$25.00	\$7,200.00	\$26.00	\$7,488.00	\$25.00	\$7,200.00
0026	SAFETY CLOSURE	3 EACH	\$250.00	\$750.00	\$100.00	\$300.00	\$100.00	\$300.00	\$100.00	\$300.00
0027	HANDHOLES AND JUNCTION BOXES	2 EACH	\$800.00	\$1,600.00	\$1,250.00	\$2,500.00	\$1,300.00	\$2,600.00	\$1,250.00	\$2,500.00
0028	OBJECT MARKER, TYPE 3	4 EACH	\$175.00	\$700.00	\$200.00	\$800.00	\$200.00	\$800.00	\$200.00	\$800.00
0029	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	8.44 STA	\$150.00	\$1,266.00	\$125.00	\$1,055.00	\$135.00	\$1,139.40	\$125.00	\$1,055.00
0030	TRAFFIC CONTROL	1 LS	\$15,000.00	\$15,000.00	\$11,000.00	\$11,000.00	\$8,500.00	\$8,500.00	\$15,000.00	\$15,000.00
0031	REMOVAL OF ASBESTOS	1 LS	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00
0032	FLAGGERS, UNIFORMED POLICE OFFICER	6 DAY	\$550.00	\$3,300.00	\$550.00	\$3,300.00	\$650.00	\$3,900.00	\$800.00	\$4,800.00
0033	PROJECT SIGN SMALL, STANDARD	1 EACH	\$300.00	\$300.00	\$200.00	\$200.00	\$150.00	\$150.00	\$600.00	\$600.00
0034	GALVANIZED RIGID STEEL CONDUIT, 2 IN. DIA., WITH PULL STRING	135 LF	\$50.00	\$6,750.00	\$50.00	\$6,750.00	\$20.00	\$2,700.00	\$25.00	\$3,375.00
0035	WATERING FOR SEEDING	65 MGAL	\$60.00	\$3,900.00	\$50.00	\$3,250.00	\$50.00	\$3,250.00	\$50.00	\$3,250.00
0036	MOBILIZATION	1 LS	\$84,899.60	\$84,899.60	\$80,000.00	\$80,000.00	\$76,000.00	\$76,000.00	\$125,000.00	\$125,000.00
0037	MULCHING, BONDED FIBER MATRIX	0.2 ACRE	\$3,500.00	\$700.00	\$4,500.00	\$900.00	\$4,600.00	\$920.00	\$4,500.00	\$900.00
0038	SEEDING AND FERTILIZING (URBAN)	0.2 ACRE	\$3,500.00	\$700.00	\$4,500.00	\$900.00	\$4,600.00	\$920.00	\$4,500.00	\$900.00
0039	SILT FENCE	690 LF	\$3.00	\$2,070.00	\$1.50	\$1,035.00	\$3.00	\$2,070.00	\$1.50	\$1,035.00
0040	MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK	690 LF	\$3.00	\$2,070.00	\$0.50	\$345.00	\$0.50	\$345.00	\$0.50	\$345.00
0041	FLOATING SILT CURTAIN (HANGING)	400 LF	\$35.00	\$14,000.00	\$18.00	\$7,200.00	\$23.00	\$9,200.00	\$18.00	\$7,200.00

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ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
0042	MAINTENANCE OF FLOATING SILT CURTAIN	400 LF	\$10.00	\$4,000.00	\$5.00	\$2,000.00	\$5.00	\$2,000.00	\$5.00	\$2,000.00
0043	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN. DIA.	430 LF	\$5.00	\$2,150.00	\$2.70	\$1,161.00	\$3.50	\$1,505.00	\$2.70	\$1,161.00
0044	MOBILIZATIONS, EROSION CONTROL	4 EACH	\$500.00	\$2,000.00	\$500.00	\$2,000.00	\$500.00	\$2,000.00	\$500.00	\$2,000.00
0045	MOBILIZATIONS, EMERGENCY EROSION CONTROL	1 EACH	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
0046	WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.	10 LF	\$100.00	\$1,000.00	\$300.00	\$3,000.00	\$300.00	\$3,000.00	\$300.00	\$3,000.00
0047	WATER MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.	323 LF	\$130.00	\$41,990.00	\$200.00	\$64,600.00	\$210.00	\$67,830.00	\$200.00	\$64,600.00
0048	FITTINGS BY WEIGHT, DUCTILE IRON	315 LB	\$15.00	\$4,725.00	\$30.00	\$9,450.00	\$30.00	\$9,450.00	\$30.00	\$9,450.00
0049	PREPARE EXCAVATION FOR TAPPING SLEEVE	1 EACH	\$3,000.00	\$3,000.00	\$2,600.00	\$2,600.00	\$2,750.00	\$2,750.00	\$2,600.00	\$2,600.00
TOTAL CONSTRUCTION COST				\$1,018,000.00		\$1,034,338.10		\$1,085,809.10		\$1,237,880.30
PERCENT OF ENGINEER'S ESTIMATE						+1.60%		+6.66%		+21.60%
						Low				

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