

RESOLUTION NO. 2019-0250

**AWARD CONTRACT FOR
MULBERRY AVENUE AND EAST 2ND STREET
ROUNABOUT PROJECT**

It is resolved that the following bid is determined to be the lowest responsible bid for the Mulberry Avenue and East 2nd Street Roundabout Project.

<u>NAME & ADDRESS CONTRACTOR</u>	<u>AMOUNT OF BID</u>
Heuer Construction	\$2,114,738.00

It is further resolved that the Mulberry Avenue and East 2nd Street Roundabout Project is awarded to the above named contractor for \$2,114,738.00, and the Mayor and City Clerk are authorized and directed to enter into a written contract with said contractor covering the furnishing of material for, and construction of the Mulberry Avenue and East 2nd Street Roundabout Project, such contract not to be binding until approved by resolution of this Council.

It is further resolved that the amount of the contractor's bond is fixed at \$2,114,738.00, which is one hundred percent of the contract price.

PASSED, APPROVED, AND ADOPTED THIS 15th DAY OF AUGUST, 2019.

Diana Broderson, Mayor

ATTEST:

Gregg Mandsager, City Administrator



1459 Washington St.
Muscatine, IA 52761-5040
(563) 263-8933
Fax (563) 263-2127

Public Works

City Transit
263-8152

MEMORANDUM

Equipment Maintenance
Roadway Maintenance
Collection & Drainage
Building & Grounds
Engineering

To: Brian Stineman, Public Works Director
CC: Gregg Mandsager, City Admin., Pat Lynch, Asst. City Eng.

FROM: Jim Edgmond, City Engineer

DATE: June 25, 2019

RE: Resolution Approving Contract Award for East 2nd Street and Mulberry Roundabout

INTRODUCTION:

The project final design is complete and the project has been advertised for bids and a bid was received by the City. The City received only one bid for the project from Heuer Construction for \$2,114,738.00. The engineer's estimate for the project was the range of \$1,950,000 to \$1,850,000. This bid has been reviewed by the City staff and by MPW and it is mutually agreed that the price is approximately 10% over the estimate but the project should be awarded.

BACKGROUND:

This project is anticipated to follow the schedule below:

Set Public Hearing	June 20, 2019	completed
Have Public Hearing & Approve Plans and Specs	July 3, 2019	completed
Release plans for bidding	July 5, 2019	completed
Open Bids	July 25, 2019 Aug. 02, 19	completed
Recommend Award to City Council	Aug. 1, 2019 Aug. 15, 19	
Approve Contract and Bond	Aug. 15, 2019 Sept 01, 19	
Start Construction (tentatively)	Sept 01, 2019 Sept. 15, 19	

RECOMMENDATION/RATIONALE:

Staff recommends that council approve the resolution to award the contract to Heuer Construction in the amount of \$2,114,738. MPW's portion of the contract is estimated at \$240,000 so the city's share will be \$1,874,738. The city will be looking at opportunities to decrease the project cost through "value engineering" opportunities. The project development team will do the construction management for the city. This will save the city an estimated \$150,000 in consultant costs.

"I remember Muscatine for its sunsets. I have never seen any on either side of the ocean that equaled them" — Mark Twain

BACKUP INFORMATION:

1. Bid tab

TABULATION OF BIDS
August 2, 2019 @ 3:00 P.M.

Real People. Real Solutions.

Ph: [319] 362-3219
F: [319] 362-3341
Bolton-Menk.com

Line No.	Description	Unit	Quantity	Engineer's Estimate		Contractor 1 City, State		Contractor 2 City, State		Contractor 3 City, State	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	TRAFFIC CONTROL	LS	1.00	\$20,000.00	\$20,000.00	\$13,000.00	\$13,000.00		\$0.00		\$0.00
2	CLEARING AND GRUBBING	LS	1.00	\$9,000.00	\$9,000.00	\$10,000.00	\$10,000.00		\$0.00		\$0.00
3	TOPSOIL, OFF SITE	CY	200.00	\$60.00	\$12,000.00	\$40.00	\$8,000.00		\$0.00		\$0.00
4	TOPSOIL, OFF SITE, LOAD & SPREAD	CY	800.00	\$21.50	\$17,200.00	\$25.00	\$20,000.00		\$0.00		\$0.00
5	EXCAVATION, CLASS 13	CY	2500.00	\$23.00	\$57,500.00	\$20.00	\$50,000.00		\$0.00		\$0.00
6	SUBGRADE PREPARATION	SY	5850.00	\$3.50	\$20,475.00	\$2.00	\$11,700.00		\$0.00		\$0.00
7	SUBGRADE STABILIZATION, 12-INCH	CY	500.00	\$40.00	\$20,000.00	\$60.00	\$30,000.00		\$0.00		\$0.00
8	SUBGRADE TREATMENT, GEOTEXTILE	SY	400.00	\$6.00	\$2,400.00	\$6.00	\$2,400.00		\$0.00		\$0.00
9	SUBBASE, MODIFIED SUBBASE, 6-INCH	SY	5850.00	\$14.00	\$81,900.00	\$7.50	\$43,875.00		\$0.00		\$0.00
10	REMOVAL, HYDRANT	EA	3.00	\$900.00	\$2,700.00	\$1,000.00	\$3,000.00		\$0.00		\$0.00
11	REMOVAL, TRAFFIC SIGNAL FOUNDATION	EA	3.00	\$400.00	\$1,200.00	\$1,250.00	\$3,750.00		\$0.00		\$0.00
12	REMOVAL, STREET LIGHT POLES AND FOUNDATIONS	EA	13.00	\$400.00	\$5,200.00	\$1,250.00	\$16,250.00		\$0.00		\$0.00
13	EXPLORATORY EXCAVATION	LF	100.00	\$75.00	\$7,500.00	\$25.00	\$2,500.00		\$0.00		\$0.00
14	TRENCH FOUNDATION	TON	200.00	\$25.00	\$5,000.00	\$45.00	\$9,000.00		\$0.00		\$0.00
15	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	CY	2600.00	\$27.00	\$70,200.00	\$20.00	\$52,000.00		\$0.00		\$0.00
16	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL, COHESIVE BACKFILL	CY	320.00	\$16.00	\$5,120.00	\$20.00	\$6,400.00		\$0.00		\$0.00
17	RAVINE FILL AREA EARTHWORK MANAGEMENT	CY	2920.00	\$6.00	\$17,520.00	\$3.00	\$8,760.00		\$0.00		\$0.00
18	TRENCH COMPACTION TESTING	LS	1.00	\$6,500.00	\$6,500.00	\$15,000.00	\$15,000.00		\$0.00		\$0.00
19	SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC, 8 INCH	LF	680.00	\$98.00	\$66,640.00	\$90.00	\$61,200.00		\$0.00		\$0.00
20	SANITARY SEWER SERVICE STUB, PVC, 6"	LF	40.00	\$40.00	\$1,600.00	\$150.00	\$6,000.00		\$0.00		\$0.00
21	REMOVAL OF SANITARY SEWER, LESS THAN 36"	LF	690.00	\$6.00	\$4,140.00	\$30.00	\$20,700.00		\$0.00		\$0.00
22	SANITARY SEWER ABANDONMENT, 8" DIA.	LF	205.00	\$9.00	\$1,845.00	\$115.00	\$23,575.00		\$0.00		\$0.00
23	STORM SEWER, TRENCHED, RCP, 15 INCH 950?	LF	950.00	\$80.00	\$76,000.00	\$97.00	\$92,150.00		\$0.00		\$0.00
24	STORM SEWER, TRENCHED, RCP, 18 INCH	LF	180.00	\$85.00	\$15,300.00	\$103.00	\$18,540.00		\$0.00		\$0.00
25	REMOVAL OF STORM SEWER, LESS THAN 36 INCH	LF	422.00	\$12.00	\$5,064.00	\$25.00	\$10,550.00		\$0.00		\$0.00
26	SUBDRAIN, HPDE, 6 INCH	LF	1490.00	\$18.00	\$26,820.00	\$18.00	\$26,820.00		\$0.00		\$0.00
27	SUBDRAIN CLEANOUT	EA	5.00	\$500.00	\$2,500.00	\$300.00	\$1,500.00		\$0.00		\$0.00
28	SUBDRAIN OUTLETS AND CONNECTIONS	EA	7.00	\$300.00	\$2,100.00	\$200.00	\$1,400.00		\$0.00		\$0.00
29	WATER MAIN, TRENCHED, FUSED HDPE, 12"	LF	477.00	\$75.00	\$35,775.00	\$110.00	\$52,470.00		\$0.00		\$0.00
30	WATER MAIN, TRENCHED, FUSED HDPE, 10"	LF	26.00	\$72.00	\$1,872.00	\$175.00	\$4,550.00		\$0.00		\$0.00
31	WATER MAIN, TRENCHED, FUSED HDPE, 6"	LF	238.00	\$70.00	\$16,660.00	\$75.00	\$17,850.00		\$0.00		\$0.00
32	CUT AND CAP, 10"	EA	1.00	\$1,200.00	\$1,200.00	\$5,000.00	\$5,000.00		\$0.00		\$0.00
33	CUT AND CAP, 12"	EA	2.00	\$1,500.00	\$3,000.00	\$5,000.00	\$10,000.00		\$0.00		\$0.00
34	WATER SERVICE STUB, COPPER, 1-INCH	LF	470.00	\$25.00	\$11,750.00	\$20.00	\$9,400.00		\$0.00		\$0.00
35	TAPPING SLEEVE AND VALVE, 12"x12"	EA	2.00	\$6,000.00	\$12,000.00	\$7,500.00	\$15,000.00		\$0.00		\$0.00
36	TAPPING SLEEVE AND VALVE, 10"x10"	EA	1.00	\$5,500.00	\$5,500.00	\$6,750.00	\$6,750.00		\$0.00		\$0.00
37	HYDRANT, ASSEMBLY	EA	1.00	\$4,600.00	\$4,600.00	\$4,600.00	\$4,600.00		\$0.00		\$0.00
38	MANHOLE TYPE SW-301, 60 INCH	EA	2.00	\$7,000.00	\$14,000.00	\$6,500.00	\$13,000.00		\$0.00		\$0.00
39	MANHOLE TYPE SW-401, 60 INCH	EA	1.00	\$4,800.00	\$4,800.00	\$5,000.00	\$5,000.00		\$0.00		\$0.00
40	INTAKE TYPE SW-501	EA	14.00	\$4,000.00	\$56,000.00	\$3,750.00	\$52,500.00		\$0.00		\$0.00
41	INTAKE TYPE SW-503	EA	1.00	\$6,500.00	\$6,500.00	\$7,500.00	\$7,500.00		\$0.00		\$0.00
42	MANHOLE ADJUSTMENT, MAJOR	EA	1.00	\$1,250.00	\$1,250.00	\$1,250.00	\$1,250.00		\$0.00		\$0.00
43	REMOVE MANHOLE	EA	4.00	\$900.00	\$3,600.00	\$750.00	\$3,000.00		\$0.00		\$0.00
44	REMOVE INTAKE	EA	6.00	\$1,000.00	\$6,000.00	\$600.00	\$3,600.00		\$0.00		\$0.00
45	PAVEMENT, PCC, 10 INCH	SY	4055.00	\$65.00	\$263,575.00	\$65.00	\$263,575.00		\$0.00		\$0.00
46	PAVEMENT, PCC, 10 INCH, COLORED	SY	413.00	\$85.00	\$35,105.00	\$130.00	\$53,690.00		\$0.00		\$0.00
47	CURB AND GUTTER, 36 INCH, 10 INCH THICK	LF	206.00	\$65.00	\$13,390.00	\$48.00	\$9,888.00		\$0.00		\$0.00
48	BEAM CURB	LF	40.00	\$55.00	\$2,200.00	\$80.00	\$3,200.00		\$0.00		\$0.00
49	PCC PAVEMENT SAMPLES AND TESTING	LS	1.00	\$5,500.00	\$5,500.00	\$10,000.00	\$10,000.00		\$0.00		\$0.00

Mulberry Avenue & E 2nd Street Roundabout
Muscatine, IA

TABULATION OF BIDS
August 2, 2019 @ 3:00 P.M.



Real People. Real Solutions.

855 Wright Brothers Blvd SW
Suite 2A
Cedar Rapids, IA 52404

Ph: (319) 362-3219
F: (319) 362-3341
Bolton-Menk.com

Line No.	Description	Unit	Quantity	Engineer's Estimate		Contractor 1 City, State		Contractor 2 City, State		Contractor 3 City, State	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
50	HMA PAVEMENT, 8 INCH	SY	360.00	\$46.00	\$16,560.00	\$80.00	\$28,800.00		\$0.00		\$0.00

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				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
51	REMOVAL OF SIDEWALK	SY	1486.00	\$15.00	\$22,290.00	\$10.00	\$14,860.00		\$0.00		\$0.00
52	REMOVAL OF DRIVEWAY	SY	268.00	\$16.00	\$4,288.00	\$10.00	\$2,680.00		\$0.00		\$0.00
53	SIDEWALK, PCC, 5 IN.	SY	1390.00	\$60.00	\$83,400.00	\$60.00	\$83,400.00		\$0.00		\$0.00
54	SIDEWALK, PCC, 10 IN. (RAMP)	SY	110.00	\$90.00	\$9,900.00	\$130.00	\$14,300.00		\$0.00		\$0.00
55	CONCRETE MEDIANS, APRON, BANDING, PCC, 10 IN.	SY	301.00	\$85.00	\$25,585.00	\$125.00	\$37,625.00		\$0.00		\$0.00
56	CONCRETE UNIT PAVERS TYPE B & C WITH SAND SETTING BED & PCC SUBBASE	SF	1300.00	\$21.00	\$27,300.00	\$29.00	\$37,700.00		\$0.00		\$0.00
57	HISTORIC PAVERS, TYPE A WITH SAND SETTING BED & PCC SUBBASE (PAVERS FURNISHED BY CITY)	SF	550.00	\$12.00	\$6,600.00	\$20.00	\$11,000.00		\$0.00		\$0.00
58	CROSSWALK PAVERS WITH 3/4" ASPHALT SETTING BED	SF	720.00	\$28.00	\$20,160.00	\$30.00	\$21,600.00		\$0.00		\$0.00
59	DETECTABLE WARNING	SF	300.00	\$39.00	\$11,700.00	\$40.00	\$12,000.00		\$0.00		\$0.00
60	DRIVEWAY, PAVED, PCC, 7 INCH	SY	600.00	\$55.00	\$33,000.00	\$57.50	\$34,500.00		\$0.00		\$0.00
61	DRIVEWAY, PAVED, PCC, 10 INCH	SY	505.00	\$65.00	\$32,825.00	\$95.00	\$47,975.00		\$0.00		\$0.00
62	PAVEMENT REMOVAL	SY	4225.00	\$20.00	\$84,500.00	\$8.00	\$33,800.00		\$0.00		\$0.00
63	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	STA	27.00	\$75.00	\$2,025.00	\$150.00	\$4,050.00		\$0.00		\$0.00
64	SEEDING, FERTILIZING & HYDROMULCHING	AC	0.50	\$3,800.00	\$1,900.00	\$4,000.00	\$2,000.00		\$0.00		\$0.00
65	SOD	SQ	150.00	\$65.00	\$9,750.00	\$75.00	\$11,250.00		\$0.00		\$0.00
66	DECIDUOUS SHRUBS	EA	19.00	\$52.00	\$988.00	\$75.00	\$1,425.00		\$0.00		\$0.00
67	ORNAMENTAL TREE	EA	8.00	\$550.00	\$4,400.00	\$450.00	\$3,600.00		\$0.00		\$0.00
68	PERENNIAL GROUND COVER (1 GAL)	EA	558.00	\$24.00	\$13,392.00	\$25.00	\$13,950.00		\$0.00		\$0.00
69	DECIDUOUS TREE	EA	18.00	\$550.00	\$9,900.00	\$500.00	\$9,000.00		\$0.00		\$0.00
70	SWPPP PREPARATION AND MANAGEMENT	LS	1.00	\$8,000.00	\$8,000.00	\$3,500.00	\$3,500.00		\$0.00		\$0.00
71	FILTER SOCKS, 12 INCH	LF	1800.00	\$2.50	\$4,500.00	\$5.00	\$9,000.00		\$0.00		\$0.00
72	SILT FENCE OR SILT FENCE DITCH CHECK	LF	200.00	\$3.50	\$700.00	\$3.00	\$600.00		\$0.00		\$0.00
73	INLET PROTECTION DEVICE, DROP IN PROTECTION	EA	21.00	\$250.00	\$5,250.00	\$150.00	\$3,150.00		\$0.00		\$0.00
74	CONSTRUCTION SURVEY	LS	1.00	\$33,000.00	\$33,000.00	\$30,000.00	\$30,000.00		\$0.00		\$0.00
75	MOBILIZATION	LS	1.00	\$183,000.00	\$183,000.00	\$390,000.00	\$390,000.00		\$0.00		\$0.00
76	CONCRETE WASHOUT	LS	1.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00		\$0.00		\$0.00
77	LIMESTONE EDGER	LF	310.00	\$20.00	\$6,200.00	\$50.00	\$15,500.00		\$0.00		\$0.00
78	BOULDER SEATWALLS	LF	25.00	\$400.00	\$10,000.00	\$500.00	\$12,500.00		\$0.00		\$0.00
79	DUCT BANK, 3x2 CONFIGURATION	LF	381.00	\$150.00	\$57,150.00	\$110.00	\$41,910.00		\$0.00		\$0.00
80	ELECTRICAL CONDUIT, OPEN CUT, HDPE OR PVC, 6-INCH	LF	321.00	\$17.00	\$5,457.00	\$20.00	\$6,420.00		\$0.00		\$0.00
81	ELECTRICAL CONDUIT, OPEN CUT, HDPE OR PVC, 2-INCH	LF	1341.00	\$8.00	\$10,728.00	\$10.00	\$13,410.00		\$0.00		\$0.00
82	JUNCTION BOX, ELECTRICAL, 13"x24"	EA	2.00	\$600.00	\$1,200.00	\$600.00	\$1,200.00		\$0.00		\$0.00
83	JUNCTION BOX, ELECTRICAL, 10" DIAMETER	EA	1.00	\$190.00	\$190.00	\$200.00	\$200.00		\$0.00		\$0.00
84	FOUNDATION, STREET LIGHT	EA	10.00	\$1,500.00	\$15,000.00	\$2,000.00	\$20,000.00		\$0.00		\$0.00
85	COMMUNICATION CONDUIT, OPEN CUT, HDPE, QUAD DUCT (4x1.5-INCH)	LF	647.00	\$17.00	\$10,999.00	\$20.00	\$12,940.00		\$0.00		\$0.00
86	HAND HOLE, COMMUNICATIONS, 30"x48"	EA	2.00	\$1,800.00	\$3,600.00	\$2,000.00	\$4,000.00		\$0.00		\$0.00
TOTAL BASE BID					\$1,848,138.00		\$2,114,738.00		\$0.00		\$0.00

9-Aug-19

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