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**MEMORANDUM**

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TO: RANDY HILL, PUBLIC WORKS DIRECTOR

FROM: JON LUTZ, CITY ENGINEER

SUBJECT: 2012 HARRISON STREET EXTENSION PROJECT  
AWARD

DATE: May 15, 2012

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**INTRODUCTION:**

The City of Muscatine received bids on the Harrison Street Extension Project on May 14<sup>th</sup>, 2012.

**BACKGROUND:**

The engineer's estimate was \$447,854.75. Bids were received as follows:

1. Heuer Construction	Muscatine, Iowa	\$510,999.30
2. Muscatine Bridge Co.	Muscatine, Iowa	\$552,210.35
3. All American Concrete	West Liberty, Iowa	\$537,673.90
4. Hy-Brand	Muscatine, Iowa	\$582,458.65

**RECOMMENDATION/RATIONALE:**

The engineer's estimate was low on general work items, storm sewer and sanitary sewer and did not include a contingency. The low bidder's paving cost is in line with the estimate. The bids appear competitive with common variability. I recommend City Council award the Harrison Street Extension Project to Heuer Construction Co, Inc. at the May 17<sup>th</sup>, 2012 regular meeting for \$510,999.30 and that contracts and bonds be prepared accordingly for Council approval on June 7<sup>th</sup>, 2012.

**ADDITIONAL INFORMATION:**

1. Bid Tabulation

**RESOLUTION NO. \_\_\_\_\_**

**AWARD CONTRACT FOR  
HARRISON STREET EXTENSION PROEJCT**

It is resolved that the following bid is determined to be the lowest responsible bid for the Harrison Street Extension Project.

<u>NAME &amp; ADDRESS CONTRACTOR</u>	<u>AMOUNT OF BID</u>
Heuer Construction Muscatine, IA	\$510,999.30

It is further resolved that the Harrison Street Extension Project is awarded to the above named contractor for \$510,999.30, 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 Harrison Street Extension 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 \$510,999.30, which is one hundred percent of the contract price.

PASSED, APPROVED, AND ADOPTED THIS 17<sup>th</sup> DAY OF MAY, 2012.

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DeWayne M Hopkins, Mayor

ATTEST:

\_\_\_\_\_  
Gregg Mandsager, City Administrator

**HARRISON STREET EXTENSION - BID TABULATION**

Bid Tabulation				Engineer		Heuer		Muscatine Bridge Co		All American Concrete		Hy Brand	
ITEM NO	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	ITEM PRICE	UNIT PRICE	ITEM PRICE	UNIT PRICE	ITEM PRICE	UNIT PRICE	ITEM PRICE	UNIT PRICE	ITEM PRICE
<b>DIVISION A - GENERAL WORK ITEMS</b>													
1	MOBILIZATION	1	L.S.	\$15,000.00	\$15,000.00	\$21,000.00	\$21,000.00	\$6,800.00	\$6,800.00	\$21,000.00	\$21,000.00	\$13,500.00	\$13,500.00
2	CLEARING AND GRUBBING	0.5	ACRE	\$4,000.00	\$2,000.00	\$11,200.00	\$5,600.00	\$3,400.00	\$1,700.00	\$7,000.00	\$3,500.00	\$12,500.00	\$6,250.00
3	SWPPP MANAGEMENT	1	L.S.	\$500.00	\$500.00	\$1,600.00	\$1,600.00	\$1,200.00	\$1,200.00	\$1,220.00	\$1,220.00	\$2,000.00	\$2,000.00
4	STABILIZED CONSTRUCTION ENTRANCE	1	L.S.	\$500.00	\$500.00	\$1,150.00	\$1,150.00	\$1,880.00	\$1,880.00	\$1,250.00	\$1,250.00	\$1,100.00	\$1,100.00
5	TRAFFIC CONTROL	1	L.S.	\$500.00	\$500.00	\$4,900.00	\$4,900.00	\$3,500.00	\$3,500.00	\$3,800.00	\$3,800.00	\$2,000.00	\$2,000.00
8	CLASS 10 EARTHWORK	2210	C.Y.	\$6.00	\$13,260.00	\$6.00	\$13,260.00	\$8.35	\$18,453.50	\$10.50	\$23,205.00	\$6.65	\$14,696.50
9	IMPORT AND PLACE TOPSOIL	460	S.Y.	\$17.39	\$8,000.00	\$6.00	\$2,760.00	\$3.50	\$1,610.00	\$7.00	\$3,220.00	\$6.65	\$3,059.00
10	DETENTION BASIN AREA IMPROVEMENTS	1	L.S.	\$10,000.00	\$10,000.00	\$6,400.00	\$6,400.00	\$7,500.00	\$7,500.00	\$8,350.00	\$8,350.00	\$7,200.00	\$7,200.00
11	SAFETY FENCING	1065	L.F.	\$0.47	\$500.00	\$3.00	\$3,195.00	\$6.00	\$6,390.00	\$5.00	\$5,325.00	\$3.35	\$3,567.75
12	SILT FENCING	650	L.F.	\$1.54	\$1,000.00	\$3.00	\$1,950.00	\$3.00	\$1,950.00	\$1.85	\$1,202.50	\$3.35	\$2,177.50
13	SODDING	290	SQUARE	\$17.24	\$5,000.00	\$55.50	\$16,095.00	\$55.50	\$16,095.00	\$45.00	\$13,050.00	\$62.00	\$17,980.00
15	SUDAS TYPE 1 PERMANENT SEEDING	170	SQUARE	\$11.76	\$2,000.00	\$5.90	\$1,003.00	\$5.90	\$1,003.00	\$6.00	\$1,020.00	\$6.50	\$1,105.00
16	URBAN TEMPORARY SEEDING	1	ACRE	\$2,000.00	\$2,000.00	\$1,800.00	\$1,800.00	\$1,800.00	\$1,800.00	\$1,200.00	\$1,200.00	\$2,010.00	\$2,010.00
17	REMOVE & REPLACE EXISTING CHAIN LINK FENCE	165	L.F.	\$12.12	\$2,000.00	\$19.00	\$3,135.00	\$19.00	\$3,135.00	\$26.40	\$4,356.00	\$22.00	\$3,630.00
				<b>DIVISION A SUBTOTAL</b>		<b>\$62,260.00</b>	<b>\$83,778.00</b>	<b>\$73,016.50</b>	<b>\$91,698.50</b>	<b>\$80,275.75</b>			
<b>DIVISION B-PAVING ITEMS</b>													
18	ASPHALTIC PAVEMENT MILLING	7237	S.Y.	\$0.91	\$6,597.00	\$3.25	\$23,520.25	\$3.75	\$27,138.75	\$3.75	\$27,138.75	\$2.45	\$17,730.65
19	PAVEMENT REMOVAL	1	L.S.	\$3.00	\$3.00	\$4,000.00	\$4,000.00	\$6,750.00	\$6,750.00	\$5,500.00	\$5,500.00	\$3,060.00	\$3,060.00
20	3" HMA OVERLAY	2199	S.Y.	\$15.00	\$32,985.00	\$14.07	\$30,939.93	\$14.07	\$30,939.93	\$14.07	\$30,939.93	\$18.00	\$39,582.00
21	8" HMA PATCHING	82	S.Y.	\$35.00	\$2,870.00	\$60.51	\$4,961.82	\$60.51	\$4,961.82	\$60.51	\$4,961.82	\$57.00	\$4,674.00
22	4" HMA PARKING REPLACEMENT	941	S.Y.	\$18.00	\$16,938.00	\$20.30	\$19,102.30	\$20.30	\$19,102.30	\$20.30	\$19,102.30	\$27.00	\$25,407.00
23	8" P.C.C. PAVING	3115	S.Y.	\$41.00	\$127,715.00	\$36.00	\$112,140.00	\$40.15	\$125,067.25	\$36.80	\$114,632.00	\$43.25	\$134,723.75
24	7" P.C.C. PAVING	387	S.Y.	\$45.00	\$17,415.00	\$43.00	\$16,641.00	\$45.00	\$17,415.00	\$41.50	\$16,060.50	\$53.00	\$20,511.00
25	5" P.C.C. DRIVEWAY PAVING	184	S.Y.	\$45.00	\$8,280.00	\$42.00	\$7,728.00	\$42.00	\$7,728.00	\$36.50	\$6,716.00	\$49.50	\$9,108.00
26	SUBBASE (PLACE ONLY FROM ON SITE)	1200	S.Y.	\$2.75	\$3,300.00	\$1.70	\$2,040.00	\$7.00	\$8,400.00	\$2.75	\$3,300.00	\$2.20	\$2,640.00
27	SUBBASE (PLACE ONLY FROM PW YARD)	3944	S.Y.	\$3.25	\$12,818.00	\$2.00	\$7,888.00	\$7.00	\$27,608.00	\$3.50	\$13,804.00	\$3.30	\$13,015.20
28	COREOUT EXCAVATION	200	S.Y.	\$20.00	\$5,200.00	\$3.00	\$600.00	\$15.00	\$3,000.00	\$48.00	\$12,480.00	\$5.00	\$1,300.00
29	SUBGRADE PREP	4017	S.Y.	\$2.50	\$10,042.50	\$1.70	\$6,828.60	\$1.75	\$7,029.75	\$2.00	\$8,034.00	\$3.00	\$12,051.00
30	P.C.C. SIDEWALK	868	S.Y.	\$30.00	\$26,040.00	\$43.20	\$37,503.60	\$48.00	\$43,104.00	\$31.60	\$28,376.80	\$49.00	\$44,002.00
31	STD. P.C.C. CURB & GUTTER	1006	S.Y.	\$30.00	\$30,180.00	\$25.00	\$25,150.00	\$34.00	\$34,204.00	\$18.30	\$18,409.80	\$30.75	\$30,934.50
32	ADA DETECTABLE WARNINGS	96	EACH	\$40.00	\$3,840.00	\$21.00	\$2,016.00	\$30.00	\$2,880.00	\$24.00	\$2,304.00	\$25.50	\$2,448.00
33	PAVEMENT STRIPING	1	L.S.	\$1,200.00	\$1,200.00	\$500.00	\$500.00	\$2,600.00	\$2,600.00	\$2,200.00	\$2,200.00	\$1,110.00	\$1,110.00
				<b>DIVISION B SUBTOTAL</b>		<b>\$306,323.50</b>	<b>\$303,029.80</b>	<b>\$369,028.80</b>	<b>\$313,959.90</b>	<b>\$363,187.10</b>			
<b>DIVISION C-STORM SEWER ITEMS</b>													
34	SINGLE GRATE INTAKE W/MANHOLE (SW-503)	2	EACH	\$4,000.00	\$8,000.00	\$3,100.00	\$6,200.00	\$3,380.00	\$6,760.00	\$3,795.00	\$7,590.00	\$3,435.00	\$6,870.00
35	SINGLE GRATE INTAKE (SW-501)	4	EACH	\$2,800.00	\$11,200.00	\$1,750.00	\$7,000.00	\$2,540.00	\$10,160.00	\$2,250.00	\$9,000.00	\$1,060.00	\$7,800.00
36	PARKING LOT INTAKE (PRIVATE)	4	EACH	\$2,300.00	\$9,200.00	\$1,760.00	\$7,000.00	\$3,600.00	\$14,400.00	\$2,560.00	\$10,240.00	\$1,060.00	\$7,800.00
37	CONNECT TO EXISTING BOX STRUCTURE	1	EACH	\$600.00	\$600.00	\$1,400.00	\$1,400.00	\$650.00	\$650.00	\$450.00	\$450.00	\$1,550.00	\$1,550.00
38	12" CLASS 2000D RCP STORM SEWER	299	L.F.	\$25.00	\$7,475.00	\$44.35	\$13,260.65	\$35.50	\$10,614.50	\$50.00	\$14,950.00	\$49.50	\$14,800.50
39	12" STORM SEWER (PRIVATE)	46	L.F.	\$17.00	\$782.00	\$61.00	\$2,806.00	\$29.80	\$1,370.80	\$42.00	\$1,932.00	\$67.55	\$3,107.30
40	15" STORM SEWER (PRIVATE)	238	L.F.	\$20.00	\$4,760.00	\$31.50	\$7,497.00	\$32.00	\$7,616.00	\$44.00	\$10,472.00	\$35.00	\$8,330.00
41	18" CLASS 2000D RCP STORM SEWER	325	L.F.	\$35.00	\$11,375.00	\$45.90	\$14,917.50	\$25.30	\$8,222.50	\$54.00	\$17,550.00	\$51.00	\$16,575.00
42	18" STORM SEWER (PRIVATE)	79	L.F.	\$23.00	\$1,817.00	\$44.50	\$3,515.50	\$37.00	\$2,923.00	\$46.00	\$3,634.00	\$49.50	\$3,910.50
43	24" CLASS 2000D RCP STORM SEWER	51	L.F.	\$31.00	\$1,581.00	\$72.25	\$3,684.75	\$46.00	\$2,346.00	\$60.00	\$3,060.00	\$80.50	\$4,105.50
44	18" RCP APRON	1	EACH	\$800.00	\$800.00	\$2,500.00	\$2,500.00	\$1,800.00	\$1,800.00	\$500.00	\$500.00	\$2,825.00	\$2,825.00
45	4" PERFORATED SUBDRAIN	1629	L.F.	\$5.00	\$8,145.00	\$9.00	\$14,661.00	\$9.00	\$14,661.00	\$7.50	\$12,217.50	\$10.50	\$17,104.50
				<b>DIVISION C SUBTOTAL</b>		<b>\$65,735.00</b>	<b>\$84,442.40</b>	<b>\$81,523.80</b>	<b>\$91,595.50</b>	<b>\$94,778.30</b>			
<b>DIVISION D-SANITARY SEWER IMPROVEMENTS</b>													
46	SANITARY SEWER MANHOLE P-1	1	EACH	\$2,500.00	\$2,500.00	\$5,925.00	\$5,925.00	\$5,500.00	\$5,500.00	\$4,400.00	\$4,400.00	\$6,650.00	\$6,650.00
47	SANITARY SEWER MANHOLE P-2	1	EACH	\$2,500.00	\$2,500.00	\$5,285.00	\$5,285.00	\$4,200.00	\$4,200.00	\$3,750.00	\$3,750.00	\$5,870.00	\$5,870.00
48	CONNECTION TO EXISTING MANHOLE	1	EACH	\$800.00	\$800.00	\$2,500.00	\$2,500.00	\$1,650.00	\$1,650.00	\$950.00	\$950.00	\$2,770.00	\$2,770.00
49	8" PVC TRUSS PIPE	435	L.F.	\$30.00	\$13,050.00	\$59.86	\$26,039.10	\$39.75	\$17,291.25	\$72.00	\$31,320.00	\$66.50	\$28,927.50
				<b>DIVISION D SUBTOTAL</b>		<b>\$18,850.00</b>	<b>\$39,749.10</b>	<b>\$28,641.25</b>	<b>\$40,420.00</b>	<b>\$44,217.50</b>			
				<b>PROJECT SUBTOTAL</b>		<b>\$453,168.50</b>							
				10% Contingency		\$45,316.85							
				<b>Project Total</b>		<b>\$498,485.35</b>	<b>\$510,999.30</b>	<b>\$552,210.35</b>	<b>\$537,673.90</b>	<b>\$582,458.65</b>			