
MEMORANDUM

TO: RANDY HILL, PUBLIC WORKS DIRECTOR
FROM: JON LUTZ, CITY ENGINEER
SUBJECT: 2011 CEDAR STREET CULVERT EXTENSIONS
DATE: August 1, 2011

INTRODUCTION:

The City of Muscatine received bids on the Cedar Street Culvert Extensions on July, 28th, 2011.

BACKGROUND:

The engineer's estimate was \$559,403.00. Bids were received as follows:

1. Sulzberger Excavating	Muscatine, Iowa	\$544,652.40
2. Hy-Brand	Muscatine, Iowa	\$750,486.25
3. Muscatine Bridge	Muscatine, Iowa	\$797,373.30

RECOMMENDATION/RATIONALE:

I recommend City Council award the Cedar Street Culvert Extensions to Sulzberger Excavating at the August 4th regular meeting for \$544,652.40 and that contracts and bonds be prepared accordingly for Council approval on August 18th, 2011.

ADDITIONAL INFORMATION:

1. Bid Tabulation

RESOLUTION NO. _____

**AWARD CONTRACT FOR
CEDAR STREET CULVERT EXTENSIONS**

It is resolved that the following bid is determined to be the lowest responsible bid for the Cedar Street Culvert Extensions project.

<u>NAME & ADDRESS CONTRACTOR</u>	<u>AMOUNT OF BID</u>
Sulzberger Excavating, Inc. 1500 S. Houser St. Muscatine, IA 52761	\$544,652.40

It is further resolved that the Cedar Street Culvert Extensions project is awarded to the above named contractor for \$544,652.40 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 Cedar Street Culvert Extensions, 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 \$544,652.40, which is one hundred percent of the contract price.

PASSED, APPROVED, AND ADOPTED THIS 4th DAY OF AUGUST , 2011.

Richard W. O'Brien, Mayor

ATTEST:

Gregg Mandsager, City Administrator

Cedar Street Culvert Extensions - Bid Tabulation

28-Jul-11

CULVERT EXTENSIONS

CULVERT EXTENSIONS				Engineer's Estimate		Sulzberger		Hy-Brand		Muscatine Bridge CO													
#	ITEM	QUANTITY	UNIT	PRICE/UNIT	TOTAL	Price/ Unit	Total	Price/Unit	Total	price/Unit	Total												
General																							
A1	Mobilization	1	LS	\$15,000.00	\$15,000.00	\$38,700.00	\$38,700.00	\$24,150.00	\$24,150.00	\$34,000.00	\$34,000.00												
A2	Traffic Control	1	LS	\$3,000.00	\$3,000.00	\$2,600.00	\$2,600.00	\$8,625.00	\$8,625.00	\$4,225.00	\$4,225.00												
A3	Clear & Grub	1.8	ACRE	\$6,500.00	\$11,700.00	\$11,000.00	\$19,800.00	\$17,422.50	\$31,360.50	\$12,000.00	\$21,600.00												
A4	Grading	1	LS	\$144,000.00	\$144,000.00	\$125,500.00	\$125,500.00	\$179,975.00	\$179,975.00	\$145,000.00	\$145,000.00												
A5	Urban Seeding	0.6	ACRE	\$2,500.00	\$1,500.00	\$1,800.00	\$1,080.00	\$2,530.00	\$1,518.00	\$1,800.00	\$1,080.00												
A6	Rural Seeding	2.1	ACRE	\$1,750.00	\$3,675.00	\$1,800.00	\$3,780.00	\$2,415.00	\$5,071.50	\$3,200.00	\$6,720.00												
A7	Silt Fence	1704	LF	\$3.50	\$5,964.00	\$2.50	\$4,260.00	\$4.80	\$8,179.20	\$2.50	\$4,260.00												
A8	TV inspection	1	LS	\$2,500.00	\$2,500.00	\$1,400.00	\$1,400.00	\$1,926.25	\$1,926.25	\$3,000.00	\$3,000.00												
A9	4" Ballast	110	TON	\$20.00	\$2,200.00	\$19.00	\$2,090.00	\$39.10	\$4,301.00	\$42.00	\$4,620.00												
A10	Construction Survey	1	LS	\$10,000.00	\$10,000.00	\$8,850.00	\$8,850.00	\$5,175.00	\$5,175.00	\$8,850.00	\$8,850.00												
A11	Water Service Adjustment	4	EA	\$2,500.00	\$10,000.00	\$250.00	\$1,000.00	\$1,408.75	\$5,635.00	\$2,000.00	\$8,000.00												
Culvert 1				\$209,539.00		\$209,060.00		\$275,916.45		\$241,355.00													
B1	Structural Concrete	109	CY	\$550.00	\$59,950.00	\$500.00	\$54,500.00	\$623.30	\$67,939.70	\$1,010.00	\$110,090.00												
B2	Revetment Stone Class E	125	TONS	\$55.00	\$6,875.00	\$50.40	\$6,300.00	\$55.20	\$6,900.00	\$45.00	\$5,625.00												
B3	1" Ballast Stone (Place Only)	67	CY	\$25.00	\$1,675.00	\$24.00	\$1,608.00	\$40.25	\$2,696.75	\$40.00	\$2,680.00												
B4	Railing	160	LF	\$55.00	\$8,800.00	\$110.00	\$17,600.00	\$100.05	\$16,008.00	\$145.00	\$23,200.00												
B5	15" RCP	54	LF	\$30.00	\$1,620.00	\$45.60	\$2,462.40	\$61.53	\$3,322.62	\$45.50	\$2,457.00												
B6	15" RCP RF-3 Pipe Apron	1	EA	\$750.00	\$750.00	\$811.00	\$811.00	\$862.50	\$862.50	\$850.00	\$850.00												
B7	Raise MH	1	EA	\$1,500.00	\$1,500.00	\$750.00	\$750.00	\$2,012.50	\$2,012.50	\$1,750.00	\$1,750.00												
B8	Remove & Replace 4" sidewalk	128	SF	\$4.00	\$512.00	\$7.00	\$896.00	\$10.01	\$1,281.28	\$8.00	\$1,024.00												
Culvert 2				\$81,682.00		\$84,927.40		\$101,023.35		\$147,676.00													
C1	8'x8" precast culvert extension	60	LF	\$475.00	\$28,500.00	\$620.00	\$37,200.00	\$1,638.75	\$98,325.00	\$950.00	\$57,000.00												
C2	Structural concrete	25	CY	\$550.00	\$13,750.00	\$700.00	\$17,500.00	\$1,094.80	\$27,370.00	\$1,850.00	\$46,250.00												
C3	1" Ballast Stone (Place Only)	91	CY	\$25.00	\$2,275.00	\$24.00	\$2,184.00	\$40.25	\$3,662.75	\$40.00	\$3,640.00												
C4	Revetment Stone Class E	260	TON	\$55.00	\$14,300.00	\$50.40	\$13,104.00	\$55.20	\$14,352.00	\$45.00	\$11,700.00												
C5	36" RCP	29	LF	\$85.00	\$2,465.00	\$128.50	\$3,726.50	\$143.75	\$4,168.75	\$107.00	\$3,103.00												
C6	Remove Manhole	1	EA	\$1,000.00	\$1,000.00	\$250.00	\$250.00	\$1,552.50	\$1,552.50	\$1,000.00	\$1,000.00												
C7	Storm Sewer Manhole 6' Diam	1	EA	\$4,000.00	\$4,000.00	\$5,275.00	\$5,275.00	\$8,280.00	\$8,280.00	\$7,600.00	\$7,600.00												
C8	Storm Sewer Manhole 5' Diam	2	EA	\$3,000.00	\$6,000.00	\$3,250.00	\$6,500.00	\$4,025.00	\$8,050.00	\$4,400.00	\$8,800.00												
C9	18" RCP	57	LF	\$40.00	\$2,280.00	\$48.00	\$2,736.00	\$55.49	\$3,162.93	\$44.00	\$2,508.00												
C10	18" RF-3 Pipe Apron	1	EA	\$750.00	\$750.00	\$917.50	\$917.50	\$805.00	\$805.00	\$875.00	\$875.00												
Retaining Wall				\$75,320.00		\$89,393.00		\$169,728.93		\$142,476.00													
D1	Structural concrete	206	CY	\$550.00	\$113,300.00	\$340.00	\$70,040.00	\$407.10	\$83,862.60	\$690.00	\$142,140.00												
D2	Special Backfill (Place Only)	122	CY	\$15.00	\$1,830.00	\$24.00	\$2,928.00	\$35.65	\$4,349.30	\$20.00	\$2,440.00												
D3	Fill Sand	430	CY	\$10.00	\$4,300.00	\$15.25	\$6,557.50	\$49.45	\$21,263.50	\$31.00	\$13,330.00												
D4	1" Ballast Stone (Place Only)	23	CY	\$10.00	\$230.00	\$24.00	\$552.00	\$40.25	\$925.75	\$40.00	\$920.00												
D5	24" RCP	236	LF	\$60.00	\$14,160.00	\$49.00	\$11,564.00	\$62.39	\$14,724.04	\$52.50	\$12,390.00												
D6	18" RCP	256	LF	\$40.00	\$10,240.00	\$37.50	\$9,600.00	\$41.98	\$10,746.88	\$44.00	\$11,264.00												
D7	15" RCP	97	LF	\$35.00	\$3,395.00	\$36.50	\$3,540.50	\$43.70	\$4,238.90	\$42.50	\$4,122.50												
D8	15" RF-3 Pipe Apron	1	EA	\$750.00	\$750.00	\$811.00	\$811.00	\$862.50	\$862.50	\$850.00	\$850.00												
D9	24" RF-3 Pipe Apron	1	EA	\$1,500.00	\$1,500.00	\$1,110.00	\$1,110.00	\$977.50	\$977.50	\$1,125.00	\$1,125.00												
D10	Storm Sewer Manhole 5' Diam	3	EA	\$3,000.00	\$9,000.00	\$2,850.00	\$8,550.00	\$4,025.00	\$12,075.00	\$4,900.00	\$14,700.00												
D11	Raise MH	1	EA	\$1,500.00	\$1,500.00	\$750.00	\$750.00	\$2,012.50	\$2,012.50	\$5,000.00	\$5,000.00												
D12	Revetment Stone Class E	20	TON	\$54.00	\$1,080.00	\$50.40	\$1,008.00	\$63.25	\$1,265.00	\$44.44	\$888.80												
D13	Storm Sewer Inlet SW507	3	EA	\$2,500.00	\$7,500.00	\$2,750.00	\$8,250.00	\$3,685.75	\$11,057.25	\$2,900.00	\$8,700.00												
D14	Railing	160	LF	\$35.00	\$5,600.00	\$68.00	\$10,880.00	\$60.95	\$9,752.00	\$145.00	\$23,200.00												
D15	Pavement Removal	229	SY	\$8.00	\$1,832.00	\$10.00	\$2,290.00	\$8.05	\$1,843.45	\$10.00	\$2,290.00												
D16	7" PCC Pavement	247	SY	\$35.00	\$8,645.00	\$63.00	\$15,561.00	\$54.05	\$13,350.35	\$58.00	\$14,326.00												
D17	Relocate Lamp Poles & Electric	1	LS	\$2,500.00	\$2,500.00	\$1,580.00	\$1,580.00	\$1,817.00	\$1,817.00	\$1,580.00	\$1,580.00												
D18	Wall Drainage System	1	LS	\$3,500.00	\$3,500.00	\$4,500.00	\$4,500.00	\$2,300.00	\$2,300.00	\$5,400.00	\$5,400.00												
D19	Remove & Replace Planter #1	1	LS	\$2,000.00	\$2,000.00	\$1,200.00	\$1,200.00	\$6,394.00	\$6,394.00	\$1,200.00	\$1,200.00												
SUBTOTAL:					\$192,862.00	SUBTOTAL:					\$161,272.00	SUBTOTAL:					\$203,817.52	SUBTOTAL:					\$265,866.30
10% CONTINGENCY:					\$559,403.00	10% CONTINGENCY:					\$544,652.40	10% CONTINGENCY:					\$750,486.25	10% CONTINGENCY:					\$797,373.30
TOTAL:					\$615,343.30	TOTAL:						TOTAL:						TOTAL:					