

**WOODBURY COUNTY BOARD OF SUPERVISORS AGENDA ITEM(S) REQUEST FORM**

**#12**

Date: 5/8/2019 Weekly Agenda Date: 5/14/2019

**ELECTED OFFICIAL / DEPARTMENT HEAD / CITIZEN:** Mark J. Nahra, County Engineer

**WORDING FOR AGENDA ITEM:**

Award bid for project number L-B(C160)--73-97 - Haskell Avenue Bridge

**ACTION REQUIRED:**

- Approve Ordinance
- Approve Resolution
- Approve Motion
- Public Hearing
- Other: Informational
- Attachments

**EXECUTIVE SUMMARY:**

Bids were received on May 7, 2019 for construction of a new pretensioned prestressed concrete beam bridge to replace the bridge Haskell Ave. near Merville. The county engineer is recommending award.

**BACKGROUND:**

The county programmed bridge C160 for replacement in fiscal year 2019. The existing bridge was damaged by flash flooding and closed in 2016. The old bridge was removed in 2017. A new bridge was designed, required permits have been received and bids were solicited and received. The bids have been checked and an award recommendation is being made.

**FINANCIAL IMPACT:**

This bridge is paid for with local secondary road funds.

**IF THERE IS A CONTRACT INVOLVED IN THE AGENDA ITEM, HAS THE CONTRACT BEEN SUBMITTED AT LEAST ONE WEEK PRIOR AND ANSWERED WITH A REVIEW BY THE COUNTY ATTORNEY'S OFFICE?**

Yes  No

**RECOMMENDATION:**

I recommend award of the project to Graves Construction, the low bid for the project.

**ACTION REQUIRED / PROPOSED MOTION:**

Motion to award bid to Graves Construction of Spencer, Iowa for \$620,679.97.

TABULATION OF BIDS

PROJECT NO. L-B(C160)-73-97  
 LETTING: TUESDAY, May 7, 2019  
 BRIDGE REPLACEMENT PFCB  
 SECTION 29 T88N, R44W

NOTE: IN CASE OF MATHEMATICAL ERROR, UNIT PRICE SHALL GOVERN

NO.	ITEM	Engineer's Estimate		Graves Const. Spencer Iowa		Dixon Const. Correctionville, Iowa		SUMMARY OF BIDS				
		QUANTITIES	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT				
1	Clearing and Grubbing	0.75 Acres	\$ 5,000.00	\$ 3,750.00	\$ 3,000.00	\$ 2,250.00	\$ 2,000.00	\$ 1,500.00	\$ -	\$ -	1) Graves	\$620,679.97
2	Excavation Class 10 Roadway	1,497 Cu.Yds.	\$ 12.00	\$ 17,964.00	\$ 12.00	\$ 17,964.00	\$ 9.00	\$ 13,473.00	\$ -	\$ -	2) Dixon	\$637,278.49
3	Excavation Class 10 Channel	1,110 Cu.Yds.	\$ 8.00	\$ 8,880.00	\$ 5.00	\$ 5,550.00	\$ 8.50	\$ 9,435.00	\$ -	\$ -	Engineer's Est.	\$636,237.76
4	Modified Subbase	114 Cu.Yds.	\$ 32.00	\$ 3,635.20	\$ 72.85	\$ 8,275.76	\$ 75.00	\$ 8,520.00	\$ -	\$ -		
5	Granular Shoulders, Type B	182 Ton	\$ 42.00	\$ 7,644.00	\$ 48.00	\$ 8,736.00	\$ 30.00	\$ 5,460.00	\$ -	\$ -		
6	Bridge Approach, Two Lane	308.72 S.Y.	\$ 100.00	\$ 30,872.00	\$ 140.00	\$ 42,940.80	\$ 150.00	\$ 46,008.00	\$ -	\$ -		
7	Standard or Slip Form PCC Pavement, Class C, Cl	692.02 S.Y.	\$ 80.00	\$ 55,361.60	\$ 51.75	\$ 35,812.04	\$ 57.00	\$ 39,445.14	\$ -	\$ -		
8	Removal of Existing Structures	1 L.S.	\$ 9,000.00	\$ 9,000.00	\$ 4,000.00	\$ 4,000.00	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -		
9	Excavation, Class 20	455 Cu.Yds.	\$ 25.00	\$ 11,375.00	\$ 20.00	\$ 9,100.00	\$ 20.00	\$ 9,100.00	\$ -	\$ -		
10	Structural Concrete (Bridge)	185.2 Cu.Yds.	\$ 450.00	\$ 83,340.00	\$ 545.00	\$ 100,934.00	\$ 400.00	\$ 74,080.00	\$ -	\$ -		
11	Reinforcing Steel, Epoxy Coated	44,874 LB	\$ 1.20	\$ 53,848.80	\$ 1.10	\$ 49,361.40	\$ 1.25	\$ 56,092.50	\$ -	\$ -		
12	Beams, Pretensioned Prestressed Concrete, D100	5 Each	\$ 19,000.00	\$ 95,000.00	\$ 21,365.00	\$ 106,825.00	\$ 20,000.00	\$ 100,000.00	\$ -	\$ -		
13	Structural Steel	1,265 LB	\$ 4.00	\$ 5,060.00	\$ 3.00	\$ 3,795.00	\$ 5.00	\$ 6,325.00	\$ -	\$ -		
14	Concrete Open Railing, TL-4	254.2 L.F.	\$ 89.00	\$ 22,623.80	\$ 75.00	\$ 19,065.00	\$ 87.00	\$ 22,115.40	\$ -	\$ -		
15	Aprons, Safety Slope, 24" Dia	1 Each	\$ 550.00	\$ 550.00	\$ 522.00	\$ 522.00	\$ 750.00	\$ 750.00	\$ -	\$ -		
16	Culvert, Corrugated Metal Roadway Pipe, 24" Dia	190 L.F.	\$ 45.00	\$ 8,550.00	\$ 30.00	\$ 5,700.00	\$ 70.00	\$ 13,300.00	\$ -	\$ -		
17	Piles, Steel, HP 10x57	1,650 L.F.	\$ 50.00	\$ 82,500.00	\$ 42.00	\$ 69,300.00	\$ 52.00	\$ 85,800.00	\$ -	\$ -		
18	Gate, Outlet Control, Flap, 24"	1 Each	\$ 2,000.00	\$ 2,000.00	\$ 1,794.00	\$ 1,794.00	\$ 1,250.00	\$ 1,250.00	\$ -	\$ -		
19	Steel Beam Guardrail Barrier Transition Section BA	4 Each	\$ 1,500.00	\$ 6,000.00	\$ 1,000.00	\$ 4,000.00	\$ 1,250.00	\$ 5,000.00	\$ -	\$ -		
20	Steel Beam Guardrail End Anchor, Bolted	4 Each	\$ 300.00	\$ 1,200.00	\$ 300.00	\$ 1,200.00	\$ 500.00	\$ 2,000.00	\$ -	\$ -		
21	Steel Beam Guardrail Tangent End Terminal, BA-2	4 Each	\$ 2,250.00	\$ 9,000.00	\$ 2,563.50	\$ 10,254.00	\$ 2,750.00	\$ 11,000.00	\$ -	\$ -		
22	Engineering Fabric	765.00 S.Y.	\$ 3.00	\$ 2,295.00	\$ 3.00	\$ 2,295.00	\$ 2.50	\$ 1,912.50	\$ -	\$ -		
23	Revetment, Class E	640.00 Ton	\$ 50.00	\$ 32,000.00	\$ 50.00	\$ 32,000.00	\$ 52.00	\$ 33,280.00	\$ -	\$ -		
24	Removal of Pavement	970.74 S.Y.	\$ 8.00	\$ 7,765.92	\$ 8.00	\$ 7,765.92	\$ 10.00	\$ 9,707.40	\$ -	\$ -		
25	Safety Closure	2 Each	\$ 250.00	\$ 500.00	\$ 125.00	\$ 250.00	\$ 300.00	\$ 600.00	\$ -	\$ -		
26	Fence, Field	600 L.F.	\$ 15.00	\$ 9,000.00	\$ 7.00	\$ 4,200.00	\$ 7.00	\$ 4,200.00	\$ -	\$ -		
27	Field Fence Brace Panels	6 Each	\$ 180.00	\$ 1,080.00	\$ 400.00	\$ 2,400.00	\$ 250.00	\$ 1,500.00	\$ -	\$ -		
28	Painted Pavement Marking, Waterborne or Solvent	17.23 Sta.	\$ 28.00	\$ 482.44	\$ 85.00	\$ 1,464.55	\$ 85.00	\$ 1,464.55	\$ -	\$ -		
29	Traffic Control	1 L.S.	\$ 2,500.00	\$ 2,500.00	\$ 2,100.00	\$ 2,100.00	\$ 5,700.00	\$ 5,700.00	\$ -	\$ -		
30	Mobilization	1 L.S.	\$ 55,000.00	\$ 55,000.00	\$ 56,000.00	\$ 56,000.00	\$ 57,000.00	\$ 57,000.00	\$ -	\$ -		
31	Mulching	0.75 Acres	\$ 3,000.00	\$ 2,250.00	\$ 1,100.00	\$ 825.00	\$ 2,600.00	\$ 1,950.00	\$ -	\$ -		
32	Seeding and Fertilizing (Rural)	0.75 Acres	\$ 3,000.00	\$ 2,250.00	\$ 1,750.00	\$ 1,312.50	\$ 2,600.00	\$ 1,950.00	\$ -	\$ -		
33	Silt Fence	800 L.F.	\$ 3.50	\$ 2,800.00	\$ 3.00	\$ 2,400.00	\$ 2.50	\$ 2,000.00	\$ -	\$ -		
34	Silt Fence for Ditch Checks	72 L.F.	\$ 5.00	\$ 360.00	\$ 4.00	\$ 288.00	\$ 5.00	\$ 360.00	\$ -	\$ -		
		TOTAL		\$ 636,237.76		\$ 620,679.97		\$ 637,278.49	\$ -	\$ -		