

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

#11a

Date: 5/25/2017 Weekly Agenda Date: 5/30/2017

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

WORDING FOR AGENDA ITEM:

Consider award of Project number L-B(W107)--73-97

ACTION REQUIRED:

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

EXECUTIVE SUMMARY:

The county received bids for the above captioned bridge project on May 23, 2017. The bids have been reviewed and an award is recommended.

BACKGROUND:

The county engineer completed plans for the replacement of a bridge on 330th Street west of Danbury for bridge number W107. The bridge is load restricted due to deterioration of the substructure. The new bridge is an 80' x 30' single span precast beam bridge.

FINANCIAL IMPACT:

The project is funded with the \$1.3 million special project levy funding.

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:

Recommend that the board award the bridge project to Graves Construction, Inc. of Spencer, Iowa for \$437,110.28.

ACTION REQUIRED / PROPOSED MOTION:

Motion that the board award the bridge project to Graves Construction, Inc. of Spencer, Iowa for \$437,110.28.

TABULATION OF BIDS

PROJECT NO. L-B(W107)-73-97
 LETTING: TUESDAY, May 23, 2017
 BRIDGE REPLACEMENT PPCB
 IN SECTION 26 T86N, R43W

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

NO.	ITEM	QUANTITIES	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	SUMMARY OF BIDS	
			**	**	*	*	*	*	*	*		
			** Engineer's Estimate		* Graves Const		* Dixon Const.		* Christensen Bros			
			**	**	* Spencer, Iowa		* Correctionville, Iowa		* Cherokee, Iowa			
			**	**	*	*	*	*	*	*		
			**	**	*	*	*	*	*	*		
1	Clearing and Grubbing	0.28 Acres	\$ 6,000.00	\$ 1,680.00	\$ 15,000.00	\$ 4,200.00	\$ 14,300.00	\$ 4,004.00	\$ 15,000.00	\$ 4,200.00	1) Graves Const	\$437,110.28
2	Excavation Class 10 Roadway	794 Cu.Yds.	\$ 9.00	\$ 7,146.00	\$ 12.00	\$ 9,528.00	\$ 15.00	\$ 11,910.00	\$ 9.00	\$ 7,146.00	2) Dixon Const.	\$440,212.20
3	Excavation Class 10 Channel	1,381 Cu.Yds.	\$ 9.00	\$ 12,429.00	\$ 5.00	\$ 6,905.00	\$ 8.00	\$ 11,048.00	\$ 8.00	\$ 11,048.00	3) Christensen Const.	\$556,802.75
4	Granular Surf on Road Crushed Concrete	120 Ton	\$ 40.00	\$ 4,800.00	\$ 30.00	\$ 3,600.00	\$ 35.00	\$ 4,200.00	\$ 30.00	\$ 3,600.00	Engineer's Est.	\$503,322.70
5	Removal of Existing Bridge	1 L.S.	\$ 35,000.00	\$ 35,000.00	\$ 26,000.00	\$ 26,000.00	\$ 34,000.00	\$ 34,000.00	\$ 25,000.00	\$ 25,000.00		
6	Excavation Class 20	355 C.Y.	\$ 9.00	\$ 3,195.00	\$ 30.00	\$ 10,650.00	\$ 20.00	\$ 7,100.00	\$ 50.00	\$ 17,750.00		
7	Structural Concrete Bridge	158.7 C.Y.	\$ 575.00	\$ 91,252.50	\$ 496.00	\$ 78,715.20	\$ 500.00	\$ 79,350.00	\$ 1,100.00	\$ 174,570.00		
8	Reinforcing Steel Epoxy Coated	38,523 Lbs.	\$ 1.40	\$ 53,932.20	\$ 0.96	\$ 36,982.08	\$ 1.00	\$ 38,523.00	\$ 1.25	\$ 48,153.75		
9	Beams Pretensioned Prestressed Concrete C80	5 Each	\$ 16,000.00	\$ 80,000.00	\$ 14,800.00	\$ 74,000.00	\$ 12,758.00	\$ 63,790.00	\$ 15,000.00	\$ 75,000.00		
10	Structural Steel	1,180 Lbs.	\$ 1.20	\$ 1,416.00	\$ 5.00	\$ 5,900.00	\$ 4.00	\$ 4,720.00	\$ 3.50	\$ 4,130.00		
11	Concrete Open Railing, TL-4	214 L.F.	\$ 95.00	\$ 20,330.00	\$ 74.00	\$ 15,836.00	\$ 100.00	\$ 21,400.00	\$ 125.00	\$ 26,750.00		
12	Piles, Steel HP 10 x 57	1,260 L.F.	\$ 49.00	\$ 61,740.00	\$ 46.00	\$ 57,960.00	\$ 30.00	\$ 37,800.00	\$ 45.00	\$ 56,700.00		
13	Steel Beam Guardrail Transition Section BA-221	4 Each	\$ 2,000.00	\$ 8,000.00	\$ 1,200.00	\$ 4,800.00	\$ 2,000.00	\$ 8,000.00	\$ 1,000.00	\$ 4,000.00		
14	Steel Beam Guardrail End Anchor, Bolted	4 Each	\$ 350.00	\$ 1,400.00	\$ 300.00	\$ 1,200.00	\$ 500.00	\$ 2,000.00	\$ 300.00	\$ 1,200.00		
15	Steel Beam Guardrail End Anchor, Terminal BA-225	4 Each	\$ 2,000.00	\$ 8,000.00	\$ 1,931.00	\$ 7,724.00	\$ 2,500.00	\$ 10,000.00	\$ 2,000.00	\$ 8,000.00		
16	Engineering Fabric	800 S.Y.	\$ 2.00	\$ 1,600.00	\$ 3.00	\$ 2,400.00	\$ 3.00	\$ 2,400.00	\$ 3.00	\$ 2,400.00		
17	Revetment, Class E	651 Ton	\$ 62.00	\$ 40,362.00	\$ 54.00	\$ 35,154.00	\$ 52.00	\$ 33,852.00	\$ 45.00	\$ 29,295.00		
18	Safety Closure	2 Each	\$ 500.00	\$ 1,000.00	\$ 250.00	\$ 500.00	\$ 300.00	\$ 600.00	\$ 100.00	\$ 200.00		
19	Traffic Control	1 L.S.	\$ 2,000.00	\$ 2,000.00	\$ 4,000.00	\$ 4,000.00	\$ 5,700.00	\$ 5,700.00	\$ 2,100.00	\$ 2,100.00		
20	Mobilization	1 L.S.	\$ 65,000.00	\$ 65,000.00	\$ 49,000.00	\$ 49,000.00	\$ 57,000.00	\$ 57,000.00	\$ 50,000.00	\$ 50,000.00		
21	Mulching	0.28 Acre	\$ 3,000.00	\$ 840.00	\$ 700.00	\$ 196.00	\$ 3,150.00	\$ 882.00	\$ 5,000.00	\$ 1,400.00		
22	Seeding and Fertilizing (Rural)	0.28 Acre	\$ 3,000.00	\$ 840.00	\$ 2,500.00	\$ 700.00	\$ 3,690.00	\$ 1,033.20	\$ 10,000.00	\$ 2,800.00		
23	Silt Fence	200 L.F.	\$ 5.00	\$ 1,000.00	\$ 4.00	\$ 800.00	\$ 2.70	\$ 540.00	\$ 5.00	\$ 1,000.00		
24	Silt Fence for Ditch Checks	72 L.F.	\$ 5.00	\$ 360.00	\$ 5.00	\$ 360.00	\$ 5.00	\$ 360.00	\$ 5.00	\$ 360.00		
				TOTAL	\$ 503,322.70	\$ 437,110.28	\$ 440,212.20	\$ 556,802.75				