

Purchase Order Contract Bridge Replacement

DATE: 11-23-2010

County	Mitchell
County #	60
Bridge#	177
Project#	BK-5125/ DO00061

ROUTE : SR-1189

DESCRIPTION: Cored Slab with two spans 2 @ 50'-0" on a 90 degree skew angle and 26'-10" clear rdwy. width.

Line Item #	Item Number	Section	Item Description	Amount	Payment Type	Unit Price Bid	Taylor & Murphy Constr. Co.	Unit Price Bid	Bryant's Land Develop.	Unit Price Bid	Dane Construction	Unit Price Bid	Miller Engineering
1	0000100000-N	800	Mobilization	1	L.S.	\$ 34,000.00	\$ 34,000.00	\$ 33,289.49	\$ 33,289.49	\$ 34,840.00	\$ 34,840.00	\$ 30,000.00	\$ 30,000.00
2	0248000000-N	SP	Generic Grading Item (Excavation & Embankment)	1	L.S.	\$ 20,000.00	\$ 20,000.00	\$ 92,971.48	\$ 92,971.48	\$ 60,000.00	\$ 60,000.00	\$ 34,000.00	\$ 34,000.00
3	0343000000-E	310	15" Side Drain Pipe	32	Lin. Ft.	\$ 32.00	\$ 1,024.00	\$ 25.00	\$ 800.00	\$ 25.00	\$ 800.00	\$ 30.00	\$ 960.00
4	0366000000-E	310	15" RC Pipe Culvert, Class III	28	Lin. Ft.	\$ 42.00	\$ 1,176.00	\$ 30.00	\$ 840.00	\$ 25.00	\$ 700.00	\$ 35.00	\$ 980.00
5	0448000000-E	310	15" RC Pipe Culvert, Class IV	28	Lin. Ft.	\$ 42.00	\$ 1,176.00	\$ 33.00	\$ 924.00	\$ 35.00	\$ 980.00	\$ 40.00	\$ 1,120.00
6	1220000000-E	545	Incidental Stone Base	34	Tons	\$ 28.00	\$ 952.00	\$ 25.00	\$ 850.00	\$ 30.00	\$ 1,020.00	\$ 30.00	\$ 1,020.00
7	1489000000-E	610	Asphalt Concrete Base Course, Type B 25.0 B	141	Tons	\$ 164.00	\$ 23,124.00	\$ 90.00	\$ 12,690.00	\$ 150.00	\$ 21,150.00	\$ 150.00	\$ 21,150.00
8	1525000000-E	610	Asphalt Concrete Surface Course, Type SF 9.5 A	145	Tons	\$ 136.00	\$ 19,720.00	\$ 99.00	\$ 14,355.00	\$ 125.00	\$ 18,125.00	\$ 125.00	\$ 18,125.00
9	1560000000-E	620	Asphalt Binder for Plant Mix, PG 64-22	10	Tons	\$ 650.00	\$ 6,500.00	\$ 580.00	\$ 5,800.00	\$ 600.00	\$ 6,000.00	\$ 600.00	\$ 6,000.00
10	2286000000-N	840	Masonry Drainage Structure	2	Ea.	\$ 1,600.00	\$ 3,200.00	\$ 900.00	\$ 1,800.00	\$ 1,375.00	\$ 2,750.00	\$ 1,900.00	\$ 3,800.00
11	2367000000-N	840	Frame with Two Grates, Std 840.29	2	Ea.	\$ 500.00	\$ 1,000.00	\$ 750.00	\$ 1,500.00	\$ 450.00	\$ 900.00	\$ 450.00	\$ 900.00
12	3030000000-E	862	Steel BM Guardrail	100	Lin. Ft.	\$ 17.00	\$ 1,700.00	\$ 17.12	\$ 1,712.00	\$ 16.00	\$ 1,600.00	\$ 16.00	\$ 1,600.00
13	3045000000-E	862	Steel BM Guardrail (Shop Curved)	54	Lin. Ft.	\$ 19.00	\$ 1,026.00	\$ 18.19	\$ 982.26	\$ 18.00	\$ 972.00	\$ 17.00	\$ 918.00
14	3150000000-N	862	Additional Guardrail Posts	5	Ea.	\$ 32.00	\$ 160.00	\$ 8.56	\$ 42.80	\$ 30.00	\$ 150.00	\$ 8.00	\$ 40.00
15	3195000000-N	862	Guardrail Anchor Unit, Type AT-1	1	Ea.	\$ 500.00	\$ 500.00	\$ 625.00	\$ 625.00	\$ 500.00	\$ 500.00	\$ 625.00	\$ 625.00
16	3270000000-N	SP	Guardrail Anchor Unit, Type 350	3	Ea.	\$ 2,100.00	\$ 6,300.00	\$ 2,140.00	\$ 6,420.00	\$ 2,000.00	\$ 6,000.00	\$ 2,000.00	\$ 6,000.00
17	3317000000-N	862	Guardrail Anchor Unit, Type B-77	2	Ea.	\$ 1,550.00	\$ 3,100.00	\$ 1,498.00	\$ 2,996.00	\$ 1,550.00	\$ 3,100.00	\$ 1,400.00	\$ 2,800.00
18	3319000000-N	862	Guardrail Anchor Unit, Type B-83	2	Ea.	\$ 1,550.00	\$ 3,100.00	\$ 1,498.00	\$ 2,996.00	\$ 1,550.00	\$ 3,100.00	\$ 1,400.00	\$ 2,800.00
19	3656000000-E	876	Filter Fabric for Drainage	910	Sq. Yds.	\$ 4.25	\$ 3,867.50	\$ 2.00	\$ 1,820.00	\$ 2.50	\$ 2,275.00	\$ 3.00	\$ 2,730.00
20	4589000000-N	1101	Generic Traffic Control Item	1	L.S.	\$ 17,000.00	\$ 17,000.00	\$ 13,950.00	\$ 13,950.00	\$ 26,972.59	\$ 26,972.59	\$ 7,000.00	\$ 7,000.00
21	6000000000-E	1605	Temporary Silt Fence	680	Lin. Ft.	\$ 4.25	\$ 2,890.00	\$ 2.50	\$ 1,700.00	\$ 2.75	\$ 1,870.00	\$ 4.00	\$ 2,720.00
22	6006000000-E	1610	Stone for Erosion Control, Class A	115	Tons	\$ 30.00	\$ 3,450.00	\$ 25.00	\$ 2,875.00	\$ 30.00	\$ 3,450.00	\$ 30.00	\$ 3,450.00
23	6009000000-E	1610	Stone for Erosion Control, Class B	50	Tons	\$ 30.00	\$ 1,500.00	\$ 25.00	\$ 1,250.00	\$ 35.00	\$ 1,750.00	\$ 30.00	\$ 1,500.00
24	6012000000-E	1610	Sediment Control Stone	160	Tons	\$ 30.00	\$ 4,800.00	\$ 25.00	\$ 4,000.00	\$ 30.00	\$ 4,800.00	\$ 30.00	\$ 4,800.00
25	6024000000-E	1622	Temporary Slope Drains	200	Lin. Ft.	\$ 10.00	\$ 2,000.00	\$ 20.00	\$ 4,000.00	\$ 15.00	\$ 3,000.00	\$ 9.00	\$ 1,800.00
26	6027000000-N	1622	Inlet Protection at Temporary Slope Drains	4	Ea.	\$ 200.00	\$ 800.00	\$ 100.00	\$ 400.00	\$ 350.00	\$ 1,400.00	\$ 200.00	\$ 800.00
27	6029000000-E	SP	Safety Fence	230	Lin. Ft.	\$ 4.25	\$ 977.50	\$ 2.00	\$ 460.00	\$ 2.35	\$ 540.50	\$ 2.00	\$ 460.00
28	6030000000-E	1630	Silt Excavation	75	C.Y.	\$ 8.50	\$ 637.50	\$ 10.00	\$ 750.00	\$ 10.00	\$ 750.00	\$ 10.00	\$ 750.00
29	6036000000-E	1631	Matting for Erosion Control	1200	Sq. Yds.	\$ 2.70	\$ 3,240.00	\$ 3.00	\$ 3,600.00	\$ 2.50	\$ 3,000.00	\$ 2.50	\$ 3,000.00
30	6037000000-E	SP	Coir Fiber Mat	50	Sq. Yds.	\$ 6.40	\$ 320.00	\$ 4.00	\$ 200.00	\$ 6.00	\$ 300.00	\$ 9.00	\$ 450.00
31	6042000000-E	1632	1/4" Hardware Cloth	60	Lin. Ft.	\$ 4.25	\$ 255.00	\$ 4.00	\$ 240.00	\$ 6.50	\$ 390.00	\$ 4.00	\$ 240.00
32	6070000000-N	SP	Special Stilling Basins	6	Ea.	\$ 160.00	\$ 960.00	\$ 500.00	\$ 3,000.00	\$ 550.00	\$ 3,300.00	\$ 1,000.00	\$ 6,000.00
33	6117000000-N	SP	Response for Erosion Control	12	Ea.	\$ 320.00	\$ 3,840.00	\$ 200.00	\$ 2,400.00	\$ 300.00	\$ 3,600.00	\$ 600.00	\$ 7,200.00
34	6133000000-N	SP	Generic Erosion Control Item	1	Ea.	\$ 3,750.00	\$ 3,750.00	\$ 8,500.00	\$ 8,500.00	\$ 5,500.00	\$ 5,500.00	\$ 12,000.00	\$ 12,000.00
35	8017000000-N	SP	Constnction, Maintenance and Removal of Temp. Acces at Sta. 14+14.67-L-	1	Ea.	\$ 25,000.00	\$ 25,000.00	\$ 4,000.00	\$ 4,000.00	\$ 35,000.00	\$ 35,000.00	\$ 12,000.00	\$ 12,000.00
36	8035000000-E	402	Removal Existing Structures	1	L.S.	\$ 19,500.00	\$ 19,500.00	\$ 30,000.00	\$ 30,000.00	\$ 13,000.00	\$ 13,000.00	\$ 12,000.00	\$ 12,000.00
37	8096000000-E	SP	Pile Excavation in Soil	12	Lin. Ft.	\$ 540.00	\$ 6,480.00	\$ 350.00	\$ 4,200.00	\$ 450.00	\$ 5,400.00	\$ 192.50	\$ 2,310.00
38	8097000000-E	SP	Pile Excavation Not in Soil	148	Lin. Ft.	\$ 400.00	\$ 59,200.00	\$ 350.00	\$ 51,800.00	\$ 415.00	\$ 61,420.00	\$ 557.50	\$ 82,510.00
39	8105540000-E	SP	42" Dia. Drilled Pier in Soil	25	Lin. Ft.	\$ 478.00	\$ 11,950.00	\$ 250.00	\$ 6,250.00	\$ 440.00	\$ 11,000.00	\$ 1,254.15	\$ 31,353.75
40	8105640000-E	SP	42" Dia. Drilled Pier Not in Soil	16	Lin. Ft.	\$ 2,480.00	\$ 39,680.00	\$ 2,218.75	\$ 35,500.00	\$ 2,295.00	\$ 36,720.00	\$ 5,174.15	\$ 82,786.40
41	8111400000-E	SP	Permanent Steel Casing for 42" Drilled Pier	20	Lin. Ft.	\$ 180.00	\$ 3,600.00	\$ 175.00	\$ 3,500.00	\$ 190.00	\$ 3,800.00	\$ 350.00	\$ 7,000.00
42	8210000000-N	422	Bridge Approach Slab	1	L.S.	\$ 15,750.00	\$ 15,750.00	\$ 32,000.00	\$ 32,000.00	\$ 14,955.00	\$ 14,955.00	\$ 22,000.00	\$ 22,000.00
43	8365000000-E	SP	HP 12x53 Galvanized Steel Piles	330	Lin. Ft.	\$ 67.00	\$ 22,110.00	\$ 90.00	\$ 29,700.00	\$ 58.00	\$ 19,140.00	\$ 55.00	\$ 18,150.00
44	8391000000-N	SP	Steel Pile Points for HP 12x53 Steel Piles	6	Ea.	\$ 125.00	\$ 750.00	\$ 100.00	\$ 600.00	\$ 200.00	\$ 1,200.00	\$ 200.00	\$ 1,200.00
45	8608000000-E	876	Rip Rap Class II (2'-0" Thick)	290	Tons	\$ 1.00	\$ 290.00	\$ 35.00	\$ 10,150.00	\$ 1.00	\$ 290.00	\$ 40.00	\$ 11,600.00
46	8594000000-E	876	Rip Rap Class B	2	Tons	\$ 45.00	\$ 90.00	\$ 25.00	\$ 50.00	\$ 45.00	\$ 90.00	\$ 50.00	\$ 100.00
47	8765000000-N	SP	Construction of Substructure	1	L.S.	\$ 140,000.00	\$ 140,000.00	\$ 120,000.00	\$ 120,000.00	\$ 110,245.00	\$ 110,245.00	\$ 120,000.00	\$ 120,000.00
48	8766000000-N	SP	Construction of Superstructure	1	L.S.	\$ 160,000.00	\$ 160,000.00	\$ 131,000.00	\$ 131,000.00	\$ 159,000.00	\$ 159,000.00	\$ 150,000.00	\$ 150,000.00
							Total		\$ 682,445.50		\$ 689,489.03		\$ 740,748.15

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ROUTE : SR-1189

DESCRIPTION: Cored Slab with two spans 2 @ 50'-0" on a 90 degree skew angle and 26'-10" clear rdwy. width.

Line Item #	Item Number	Section	Item Description	Amount	Payment Type	Unit Price Bid	J. R. Vannoy & Sons Co.	Unit Price Bid	Colwell Constr.				
1	0000100000-N	800	Mobilization	1	L.S.	\$ 113,500.00	\$ 113,500.00	\$ 31,400.00	\$ 31,400.00				
2	0248000000-N	SP	Generic Grading Item (Excavation & Embankment)	1	L.S.	\$ 62,500.00	\$ 62,500.00	\$ 28,500.00	\$ 28,500.00				
3	0343000000-E	310	15" Side Drain Pipe	32	Lin. Ft.	\$ 17.57	\$ 562.24	\$ 36.90	\$ 1,180.80				
4	0366000000-E	310	15" RC Pipe Culvert, Class III	28	Lin. Ft.	\$ 21.49	\$ 601.72	\$ 45.60	\$ 1,276.80				
5	0448000000-E	310	15" RC Pipe Culvert, Class IV	28	Lin. Ft.	\$ 23.33	\$ 653.24	\$ 48.90	\$ 1,369.20				
6	1220000000-E	545	Incidental Stone Base	34	Tons	\$ 29.96	\$ 1,018.64	\$ 55.60	\$ 1,890.40				
7	1489000000-E	610	Asphalt Concrete Base Course, Type B 25.0 B	141	Tons	\$ 162.00	\$ 22,842.00	\$ 145.00	\$ 20,445.00				
8	1525000000-E	610	Asphalt Concrete Surface Course, Type SF 9.5 A	145	Tons	\$ 135.00	\$ 19,575.00	\$ 145.00	\$ 21,025.00				
9	1560000000-E	620	Asphalt Binder for Plant Mix, PG 64-22	10	Tons	\$ 648.00	\$ 6,480.00	\$ 650.00	\$ 6,500.00				
10	2286000000-N	840	Masonry Drainage Structure	2	Ea.	\$ 1,188.00	\$ 2,376.00	\$ 1,750.90	\$ 3,501.80				
11	2367000000-N	840	Frame with Two Grates, Std 840.29	2	Ea.	\$ 453.60	\$ 907.20	\$ 980.60	\$ 1,961.20				
12	3030000000-E	862	Steel BM Guardrail	100	Lin. Ft.	\$ 17.28	\$ 1,728.00	\$ 16.80	\$ 1,680.00				
13	3045000000-E	862	Steel BM Guardrail (Shop Curved)	54	Lin. Ft.	\$ 18.36	\$ 991.44	\$ 17.85	\$ 963.90				
14	3150000000-N	862	Additional Guardrail Posts	5	Ea.	\$ 8.64	\$ 43.20	\$ 8.40	\$ 42.00				
15	3195000000-N	862	Guardrail Anchor Unit, Type AT-1	1	Ea.	\$ 675.00	\$ 675.00	\$ 656.25	\$ 656.25				
16	3270000000-N	SP	Guardrail Anchor Unit, Type 350	3	Ea.	\$ 2,160.00	\$ 6,480.00	\$ 2,100.00	\$ 6,300.00				
17	3317000000-N	862	Guardrail Anchor Unit, Type B-77	2	Ea.	\$ 1,512.00	\$ 3,024.00	\$ 1,470.00	\$ 2,940.00				
18	3319000000-N	862	Guardrail Anchor Unit, Type B-83	2	Ea.	\$ 1,512.00	\$ 3,024.00	\$ 1,470.00	\$ 2,940.00				
19	3656000000-E	876	Filter Fabric for Drainage	910	Sq. Yds.	\$ 3.58	\$ 3,257.80	\$ 5.75	\$ 5,232.50				
20	4589000000-N	1101	Generic Traffic Control Item	1	L.S.	\$ 5,999.43	\$ 5,999.43	\$ 71,662.45	\$ 71,662.45				
21	6000000000-E	1605	Temporary Silt Fence	680	Lin. Ft.	\$ 2.43	\$ 1,652.40	\$ 3.25	\$ 2,210.00				
22	6006000000-E	1610	Stone for Erosion Control, Class A	115	Tons	\$ 35.91	\$ 4,129.65	\$ 38.90	\$ 4,473.50				
23	6009000000-E	1610	Stone for Erosion Control, Class B	50	Tons	\$ 32.44	\$ 1,622.00	\$ 38.90	\$ 1,945.00				
24	6012000000-E	1610	Sediment Control Stone	160	Tons	\$ 32.84	\$ 5,254.40	\$ 33.80	\$ 5,408.00				
25	6024000000-E	1622	Temporary Slope Drains	200	Lin. Ft.	\$ 10.94	\$ 2,188.00	\$ 12.50	\$ 2,500.00				
26	6027000000-N	1622	Inlet Protection at Temporary Slope Drains	4	Ea.	\$ 194.98	\$ 779.92	\$ 275.60	\$ 1,102.40				
27	6029000000-E	SP	Safety Fence	230	Lin. Ft.	\$ 3.24	\$ 745.20	\$ 2.92	\$ 671.60				
28	6030000000-E	1630	Silt Excavation	75	C.Y.	\$ 6.91	\$ 518.25	\$ 7.85	\$ 588.75				
29	6036000000-E	1631	Matting for Erosion Control	1200	Sq. Yds.	\$ 2.70	\$ 3,240.00	\$ 2.33	\$ 2,796.00				
30	6037000000-E	SP	Coir Fiber Mat	50	Sq. Yds.	\$ 6.48	\$ 324.00	\$ 5.04	\$ 252.00				
31	6042000000-E	1632	1/4" Hardware Cloth	60	Lin. Ft.	\$ 6.87	\$ 412.20	\$ 3.98	\$ 238.80				
32	6070000000-N	SP	Special Stilling Basins	6	Ea.	\$ 529.20	\$ 3,175.20	\$ 1,378.00	\$ 8,268.00				
33	6117000000-N	SP	Response for Erosion Control	12	Ea.	\$ 324.00	\$ 3,888.00	\$ 250.00	\$ 3,000.00				
34	6133000000-E	SP	Generic Erosion Control Item	1	Ea.	\$ 7,560.00	\$ 7,560.00	\$ 9,000.00	\$ 9,000.00				
35	8017000000-N	SP	Construction, Maintenance and Removal of Temp. Acces at Sta. 14+14.67-L-	1	Ea.	\$ 45,039.68	\$ 45,039.68	\$ 87,312.60	\$ 87,312.60				
36	8035000000-N	402	Removal Existing Structures	1	L.S.	\$ 9,703.40	\$ 9,703.40	\$ 28,600.00	\$ 28,600.00				
37	8096000000-E	SP	Pile Excavation in Soil	12	Lin. Ft.	\$ 456.33	\$ 5,475.96	\$ 2,046.54	\$ 24,558.48				
38	8097000000-E	SP	Pile Excavation Not in Soil	148	Lin. Ft.	\$ 416.75	\$ 61,679.00	\$ 889.50	\$ 131,646.00				
39	8105540000-E	SP	42" Dia. Drilled Pier in Soil	25	Lin. Ft.	\$ 380.84	\$ 9,521.00	\$ 1,289.23	\$ 32,230.75				
40	8105640000-E	SP	42" Dia. Drilled Pier Not in Soil	16	Lin. Ft.	\$ 2,636.31	\$ 42,180.96	\$ 6,173.10	\$ 98,769.60				
41	8111400000-E	SP	Permanent Steel Casing for 42" Drilled Pier	20	Lin. Ft.	\$ 201.62	\$ 4,032.40	\$ 450.00	\$ 9,000.00				
42	8210000000-N	422	Bridge Approach Slab	1	L.S.	\$ 22,573.82	\$ 22,573.82	\$ 32,800.00	\$ 32,800.00				
43	8365000000-E	SP	HP 12x53 Galvanized Steel Piles	330	Lin. Ft.	\$ 65.28	\$ 21,542.40	\$ 52.90	\$ 17,457.00				
44	8391000000-N	SP	Steel Pile Points for HP 12x53 Steel Piles	6	Ea.	\$ 350.32	\$ 2,101.92	\$ 135.60	\$ 813.60				
45	8608000000-E	876	Rip Rap Class II (2'-0" Thick)	290	Tons	\$ 38.80	\$ 11,252.00	\$ 56.90	\$ 16,501.00				
46	8594000000-E	876	Rip Rap Class B	2	Tons	\$ 38.03	\$ 76.06	\$ 52.50	\$ 105.00				
47	8765000000-N	SP	Construction of Substructure	1	L.S.	\$ 144,000.00	\$ 144,000.00	\$ 180,807.41	\$ 180,807.41				
48	8766000000-N	SP	Construction of Superstructure	1	L.S.	\$ 184,300.00	\$ 184,300.00	\$ 220,224.14	\$ 220,224.14				
						Total	\$ 855,206.73		\$ 1,134,746.93				