

Purchase Order Contract Bridge Replacement

DATE: 07-28-2009

ROUTE : SR-1318

DESCRIPTION: Cored slab/ box beam bridge with three spans, 1 @30' (21" C.S.); 1 @ 70' (27" B.B.) and 1 @35' (21" C.S.) on a 105 degree skew angle and 36' clear roadway width.

County	Haywood
County #	43
Bridge#	47
Project#	WBS 14B.204414.3
Engineer Estimate:	\$ 1,156,875.25

Line Item #	Item Description	Amount	Payment Type	Unit Price Bid	R. E. Burns & Sons Co., Inc.	Unit Price Bid	Apple Tuck & Assoc.	Unit Price Bid	Taylor & Murphy Constr. CO.	Unit Price Bid	Owle Constr. LLC
1	Mobilization	1	L.S.	\$ 30,000.00	\$ 30,000.00	\$ 25,000.00	\$ 25,000.00	\$ 50,000.00	\$ 50,000.00	\$ 51,000.00	\$ 51,000.00
2	Erosion Control	1	L.S.	\$ 2,200.00	\$ 2,200.00	\$ 10,000.00	\$ 10,000.00	\$ 4,500.00	\$ 4,500.00	\$ 6,390.00	\$ 6,390.00
3	Temporary Silt Fence	475	Lin. Ft.	\$ 3.25	\$ 1,543.75	\$ 2.25	\$ 1,068.75	\$ 2.75	\$ 1,306.25	\$ 5.00	\$ 2,375.00
4	Sediment Control Stone	50	Tons	\$ 33.00	\$ 1,650.00	\$ 40.00	\$ 2,000.00	\$ 38.00	\$ 1,900.00	\$ 37.00	\$ 1,850.00
5	Safety Fence	400	Lin. Ft.	\$ 2.10	\$ 840.00	\$ 2.10	\$ 840.00	\$ 3.50	\$ 1,400.00	\$ 7.50	\$ 3,000.00
6	1/4" Hardware Cloth	250	Lin. Ft.	\$ 7.00	\$ 1,750.00	\$ 7.00	\$ 1,750.00	\$ 1.00	\$ 250.00	\$ 10.00	\$ 2,500.00
7	Special Stilling Basins	12	Ea.	\$ 100.00	\$ 1,200.00	\$ 150.00	\$ 1,800.00	\$ 500.00	\$ 6,000.00	\$ 450.00	\$ 5,400.00
8	Excavation and Embankment	1	L.S.	\$ 30,000.00	\$ 30,000.00	\$ 55,000.00	\$ 55,000.00	\$ 52,000.00	\$ 52,000.00	\$ 26,500.00	\$ 26,500.00
9	Structure Removal @ Sta. 19+57.70-L-	1	L.S.	\$ 6,000.00	\$ 6,000.00	\$ 24,250.00	\$ 24,250.00	\$ 30,000.00	\$ 30,000.00	\$ 18,000.00	\$ 18,000.00
10	HP 12X53 Steel Piles(Galvanized)	625	Lin. Ft.	\$ 56.00	\$ 35,000.00	\$ 35.00	\$ 21,875.00	\$ 48.00	\$ 30,000.00	\$ 60.00	\$ 37,500.00
11	48" Drilled Pier in Soil @ Sta. 19+57.70-L-	342	Lin. Ft.	\$ 345.00	\$ 117,990.00	\$ 150.00	\$ 51,300.00	\$ 258.00	\$ 88,236.00	\$ 400.00	\$ 136,800.00
12	48" Drilled Pier Not in Soil @ Sta. 19+57.70-L-	12	Lin. Ft.	\$ 3,500.00	\$ 42,000.00	\$ 3,550.00	\$ 42,600.00	\$ 4,000.00	\$ 48,000.00	\$ 930.00	\$ 11,160.00
13	48" Permanent Steel Casing @ Sta. 19+57.70-L-	159	Lin. Ft.	\$ 250.00	\$ 39,750.00	\$ 200.00	\$ 31,800.00	\$ 165.00	\$ 26,235.00	\$ 215.00	\$ 34,185.00
14	Crosshole Sonic Logging	2	Ea.	\$ 1,500.00	\$ 3,000.00	\$ 1,000.00	\$ 2,000.00	\$ 1,500.00	\$ 3,000.00	\$ 2,100.00	\$ 4,200.00
15	SID Inspection	2	Ea.	\$ 1,500.00	\$ 3,000.00	\$ 500.00	\$ 1,000.00	\$ 1,500.00	\$ 3,000.00	\$ 530.00	\$ 1,060.00
16	Construction of Substructure @ Sta. 19+57.70-L-	1	L.S.	\$ 90,000.00	\$ 90,000.00	\$ 100,000.00	\$ 100,000.00	\$ 200,000.00	\$ 200,000.00	\$ 145,000.00	\$ 145,000.00
17	Construction of Superstructure @ Sta. 19+57.70-L-	1	L.S.	\$ 200,000.00	\$ 200,000.00	\$ 263,525.00	\$ 263,525.00	\$ 175,000.00	\$ 175,000.00	\$ 279,000.00	\$ 279,000.00
18	Class II Rip Rap	248	Tons	\$ 35.00	\$ 8,680.00	\$ 40.00	\$ 9,920.00	\$ 50.00	\$ 12,400.00	\$ 47.00	\$ 11,656.00
19	Asphalt Concrete Base Course, Type B 25.0 B	715	Tons	\$ 88.00	\$ 62,920.00	\$ 88.00	\$ 62,920.00	\$ 95.00	\$ 67,925.00	\$ 93.00	\$ 66,495.00
20	Asphalt Intermediate Course Type I 19.0 B	440	Tons	\$ 88.00	\$ 38,720.00	\$ 87.10	\$ 38,324.00	\$ 95.00	\$ 41,800.00	\$ 92.00	\$ 40,480.00
21	Asphalt Concrete Surface Course, Type SF 9.5 A	565	Tons	\$ 87.00	\$ 49,155.00	\$ 87.00	\$ 49,155.00	\$ 95.00	\$ 53,675.00	\$ 92.00	\$ 51,980.00
22	Asphalt Binder, PG 64-22	89	Tons	\$ 358.46	\$ 31,902.94	\$ 360.00	\$ 32,040.00	\$ 385.00	\$ 34,265.00	\$ 380.00	\$ 33,820.00
23	Steel BM Guardrail	162.5	Lin. Ft.	\$ 17.00	\$ 2,762.50	\$ 18.00	\$ 2,925.00	\$ 17.00	\$ 2,762.50	\$ 18.00	\$ 2,925.00
24	Guardrail Anchor Unit, Type B-77	3	Ea.	\$ 1,325.00	\$ 3,975.00	\$ 1,500.00	\$ 4,500.00	\$ 1,325.00	\$ 3,975.00	\$ 1,400.00	\$ 4,200.00
25	Guardrail Anchor Unit, Type 350	2	Ea.	\$ 2,350.00	\$ 4,700.00	\$ 2,100.00	\$ 4,200.00	\$ 2,100.00	\$ 4,200.00	\$ 2,200.00	\$ 4,400.00
26	Guardrail Anchor Unit, Type AT-1	1	Ea.	\$ 625.00	\$ 625.00	\$ 600.00	\$ 600.00	\$ 625.00	\$ 625.00	\$ 1,190.00	\$ 1,190.00
27	Bridge Approach Slabs @ Sta. 19+57.70-L-	1	L.S.	\$ 25,000.00	\$ 25,000.00	\$ 30,000.00	\$ 30,000.00	\$ 43,000.00	\$ 43,000.00	\$ 13,700.00	\$ 13,700.00
28	Masonry Drainage Structure	4	Ea.	\$ 1,200.00	\$ 4,800.00	\$ 1,500.00	\$ 6,000.00	\$ 1,100.00	\$ 4,400.00	\$ 2,400.00	\$ 9,600.00
29	15" RC Pipe Culvert, Class III	20	Lin. Ft.	\$ 35.00	\$ 700.00	\$ 45.00	\$ 900.00	\$ 42.00	\$ 840.00	\$ 31.00	\$ 620.00
30	18" RC Pipe Culvert, Class III	216	Lin. Ft.	\$ 35.00	\$ 7,560.00	\$ 47.00	\$ 10,152.00	\$ 50.00	\$ 10,800.00	\$ 26.00	\$ 5,616.00
31	Frame with Two Grates, Std. 840.29	2	Ea.	\$ 320.00	\$ 640.00	\$ 400.00	\$ 800.00	\$ 575.00	\$ 1,150.00	\$ 370.00	\$ 740.00
32	Frame with Cover, Std. 840.54	2	Ea.	\$ 320.00	\$ 640.00	\$ 275.00	\$ 550.00	\$ 575.00	\$ 1,150.00	\$ 370.00	\$ 740.00
33	Foundation Conditioning Mat'l	28	Tons	\$ 23.00	\$ 644.00	\$ 40.00	\$ 1,120.00	\$ 40.00	\$ 1,120.00	\$ 31.00	\$ 868.00
34	Shoulder Berm & Gutter	210	Lin. Ft.	\$ 24.00	\$ 5,040.00	\$ 25.00	\$ 5,250.00	\$ 25.00	\$ 5,250.00	\$ 30.00	\$ 6,300.00
	Total				\$ 854,388.19		\$ 895,164.75		\$ 1,010,164.75		\$ 1,021,250.00

DATE: 07-28-2009

County	Haywood
County #	43
Bridge#	47
Project#	WBS 14B.204414.3
Engineer Estimate:	\$ 1,156,875.25

ROUTE : SR-1318

DESCRIPTION: Cored slab/ box beam bridge with three spans, 1 @30' (21" C.S.); 1@ 70' (27" B.B.) and 1 @35' (21" C.S.) on a 105 degree skew angle and 36' clear roadway width.

Line Item #	Item Description	Amount	Payment Type	Unit Price Bid	Bryant Land & Development	Unit Price Bid	Carolina Bridge Co., Inc.				
1	Mobilization	1	L.S.	\$ 71,070.50	\$ 71,070.50	\$ 61,771.28	\$ 61,771.28				
2	Erosion Control	1	L.S.	\$ 23,600.00	\$ 23,600.00	\$ 15,000.00	\$ 15,000.00				
3	Temporary Silt Fence	475	Lin. Ft.	\$ 4.00	\$ 1,900.00	\$ 2.25	\$ 1,068.75				
4	Sediment Control Stone	50	Tons	\$ 24.75	\$ 1,237.50	\$ 52.78	\$ 2,639.00				
5	Safety Fence	400	Lin. Ft.	\$ 3.00	\$ 1,200.00	\$ 2.10	\$ 840.00				
6	1/4" Hardware Cloth	250	Lin. Ft.	\$ 7.00	\$ 1,750.00	\$ 7.00	\$ 1,750.00				
7	Special Stilling Basins	12	Ea.	\$ 500.00	\$ 6,000.00	\$ 835.83	\$ 10,029.96				
8	Excavation and Embankment	1	L.S.	\$ 58,650.00	\$ 58,650.00	\$ 53,760.75	\$ 53,760.75				
9	Structure Removal @ Sta. 19+57.70-L-	1	L.S.	\$ 48,200.00	\$ 48,200.00	\$ 19,125.92	\$ 19,125.92				
10	HP 12X53 Steel Piles(Galvanized)	625	Lin. Ft.	\$ 110.00	\$ 68,750.00	\$ 69.30	\$ 43,312.50				
11	48" Drilled Pier in Soil @ Sta. 19+57.70-L-	342	Lin. Ft.	\$ 296.20	\$ 101,300.40	\$ 335.00	\$ 114,570.00				
12	48" Drilled Pier Not in Soil @ Sta. 19+57.70-L-	12	Lin. Ft.	\$ 3,500.00	\$ 42,000.00	\$ 3,855.00	\$ 46,260.00				
13	48" Permanent Steel Casing @ Sta. 19+57.70-L-	159	Lin. Ft.	\$ 150.00	\$ 23,850.00	\$ 190.00	\$ 30,210.00				
14	Crosshole Sonic Logging	2	Ea.	\$ 2,000.00	\$ 4,000.00	\$ 3,294.12	\$ 6,588.24				
15	SID Inspection	2	Ea.	\$ 1,000.00	\$ 2,000.00	\$ 588.24	\$ 1,176.48				
16	Construction of Substructure @ Sta. 19+57.70-L-	1	L.S.	\$ 104,679.00	\$ 104,679.00	\$ 155,920.89	\$ 155,920.89				
17	Construction of Superstructure @ Sta. 19+57.70-L-	1	L.S.	\$ 275,050.00	\$ 275,050.00	\$ 260,612.16	\$ 260,612.16				
18	Class II Rip Rap	248	Tons	\$ 26.00	\$ 6,448.00	\$ 56.62	\$ 14,041.76				
19	Asphalt Concrete Base Course, Type B 25.0 B	715	Tons	\$ 87.96	\$ 62,891.40	\$ 87.96	\$ 62,891.40				
20	Asphalt Intermediate Course Type I 19.0 B	440	Tons	\$ 87.08	\$ 38,315.20	\$ 87.08	\$ 38,315.20				
21	Asphalt Concrete Surface Course, Type SF 9.5 A	565	Tons	\$ 86.90	\$ 49,098.50	\$ 86.90	\$ 49,098.50				
22	Asphalt Binder, PG 64-22	89	Tons	\$ 358.46	\$ 31,902.94	\$ 358.46	\$ 31,902.94				
23	Steel BM Guardrail	162.5	Lin. Ft.	\$ 18.50	\$ 3,006.25	\$ 17.00	\$ 2,762.50				
24	Guardrail Anchor Unit, Type B-77	3	Ea.	\$ 1,600.00	\$ 4,800.00	\$ 1,325.00	\$ 3,975.00				
25	Guardrail Anchor Unit, Type 350	2	Ea.	\$ 2,200.00	\$ 4,400.00	\$ 2,100.00	\$ 4,200.00				
26	Guardrail Anchor Unit, Type AT-1	1	Ea.	\$ 700.00	\$ 700.00	\$ 625.00	\$ 625.00				
27	Bridge Approach Slabs @ Sta. 19+57.70-L-	1	L.S.	\$ 37,974.00	\$ 37,974.00	\$ 49,684.29	\$ 49,684.29				
28	Masonry Drainage Structure	4	Ea.	\$ 700.00	\$ 2,800.00	\$ 1,268.78	\$ 5,075.12				
29	15" RC Pipe Culvert, Class III	20	Lin. Ft.	\$ 32.00	\$ 640.00	\$ 56.73	\$ 1,134.60				
30	18" RC Pipe Culvert, Class III	216	Lin. Ft.	\$ 34.00	\$ 7,344.00	\$ 45.10	\$ 9,741.60				
31	Frame with Two Grates, Std. 840.29	2	Ea.	\$ 337.00	\$ 674.00	\$ 875.40	\$ 1,750.80				
32	Frame with Cover, Std. 840.54	2	Ea.	\$ 227.00	\$ 454.00	\$ 796.72	\$ 1,593.44				
33	Foundation Conditioning Mat'l	28	Tons	\$ 21.25	\$ 595.00	\$ 26.79	\$ 750.12				
34	Shoulder Berm & Gutter	210	Lin. Ft.	\$ 25.00	\$ 5,250.00	\$ 46.06	\$ 9,672.60				
	Total				\$ 1,092,530.69		\$ 1,111,850.80				