

Purchase Order Contract Bridge Replacement

DATE: 01-20-2011

County	Wilkes
County #	96
Bridge#	104
Project#	B-4323/ DO00094
Engineer's Estimate:	\$497,000

ROUTE : SR-1353

DESCRIPTION: Cored Slab with three spans 1 @ 25'-0" , 1 @ 50'-0" and 1 @ 25'-0" on a 105 degree skew angle and 26'-10" clear rdwy. width.

Line Item #	Item Number	Section	Item Description	Amount	Payment Type	Unit Price Bid	Dave Grading Inc.	Unit Price Bid	J.R. Vannoy & Sons Corp.	Unit Price Bid	Dane Construction	Unit Price Bid	Apple Tuck & Assoc.
1	0000100000-N	800	Mobilization	1	L.S.	\$ 18,000.00	\$ 18,000.00	\$ 26,000.00	\$ 26,000.00	\$ 23,445.00	\$ 23,445.00	\$ 25,000.00	\$ 25,000.00
2	0063000000-N	SP	Grading	1	L.S.	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 34,000.00	\$ 34,000.00	\$ 25,000.00	\$ 25,000.00
3	0576000000-E	SP	60" CS Pipe Culverts, 0.168" Thick	70	Lin. Ft.	\$ 200.00	\$ 14,000.00	\$ 214.00	\$ 14,980.00	\$ 175.00	\$ 12,250.00	\$ 300.00	\$ 21,000.00
4	1489000000-E	610	Asphalt Concrete Base	150	Tons	\$ 70.00	\$ 10,500.00	\$ 88.00	\$ 13,200.00	\$ 68.80	\$ 10,320.00	\$ 68.80	\$ 10,320.00
			Course, Type B 25.0 B				\$ -		\$ -		\$ -		\$ -
5	1525000000-E	610	Asphalt Concrete Surface	100	Tons	\$ 72.00	\$ 7,200.00	\$ 90.00	\$ 9,000.00	\$ 71.76	\$ 7,176.00	\$ 71.76	\$ 7,176.00
			Course, Type SF 9.5 A				\$ -		\$ -		\$ -		\$ -
6	1560000000-E	620	Asphalt Binder for Plant Mix, PG 64-22	15	Tons	\$ 500.00	\$ 7,500.00	\$ 600.00	\$ 9,000.00	\$ 499.00	\$ 7,485.00	\$ 499.00	\$ 7,485.00
7	2154000000-N	820	Metal Funnel	2	Ea.	\$ 500.00	\$ 1,000.00	\$ 815.00	\$ 1,630.00	\$ 450.00	\$ 900.00	\$ 500.00	\$ 1,000.00
8	2165000000-E	820	15" Funnel Drain Pipe	40	Lin. Ft.	\$ 32.00	\$ 1,280.00	\$ 26.62	\$ 1,064.80	\$ 20.00	\$ 800.00	\$ 20.00	\$ 800.00
9	2176000000-E	820	15" Funnel Drain Pipe Elbows	2	Ea.	\$ 50.00	\$ 100.00	\$ 294.50	\$ 589.00	\$ 175.00	\$ 350.00	\$ 300.00	\$ 600.00
10	2556000000-E	846	Shoulder Berm Gutter	30	Lin. Ft.	\$ 40.00	\$ 1,200.00	\$ 45.22	\$ 1,356.60	\$ 35.00	\$ 1,050.00	\$ 100.00	\$ 3,000.00
11	2199000000-E	SP	Sandbag Headwall	100	Sq. Ft.	\$ 40.00	\$ 4,000.00	\$ 26.75	\$ 2,675.00	\$ 31.50	\$ 3,150.00	\$ 15.00	\$ 1,500.00
12	2220000000-E	838	Reinforcing Endwall (STD. 838.27)	5.9	C.Y.	\$ 700.00	\$ 4,130.00	\$ 803.00	\$ 4,737.70	\$ 850.00	\$ 5,015.00	\$ 1,500.00	\$ 8,850.00
13	3030000000-E	862	Steel BM Guardrail	200	Lin. Ft.	\$ 14.00	\$ 2,800.00	\$ 14.00	\$ 2,800.00	\$ 14.00	\$ 2,800.00	\$ 14.00	\$ 2,800.00
14	3045000000-E	862	Steel BM Guardrail (Shop Curved)	37.5	Lin. Ft.	\$ 17.00	\$ 637.50	\$ 17.00	\$ 637.50	\$ 17.00	\$ 637.50	\$ 17.00	\$ 637.50
15	3195000000-N	862	Guardrail Anchor Unit, Type AT-1	4	Ea.	\$ 500.00	\$ 2,000.00	\$ 500.00	\$ 2,000.00	\$ 500.00	\$ 2,000.00	\$ 500.00	\$ 2,000.00
16	3270000000-N	SP	Guardrail Anchor Unit, Type 350	4	Ea.	\$ 1,750.00	\$ 7,000.00	\$ 1,750.00	\$ 7,000.00	\$ 1,750.00	\$ 7,000.00	\$ 1,750.00	\$ 7,000.00
17	3317000000-N	862	Guardrail Anchor Unit, Type B-77	4	Ea.	\$ 1,325.00	\$ 5,300.00	\$ 1,325.00	\$ 5,300.00	\$ 1,325.00	\$ 5,300.00	\$ 1,325.00	\$ 5,300.00
18	6000000000-E	1605	Temporary Silt Fence	600	Lin. Ft.	\$ 2.50	\$ 1,500.00	\$ 2.12	\$ 1,272.00	\$ 2.50	\$ 1,500.00	\$ 2.12	\$ 1,272.00
19	6036000000-E	1631	Matting for Erosion Control	500	Sq. Yds.	\$ 2.00	\$ 1,000.00	\$ 2.00	\$ 1,000.00	\$ 1.95	\$ 975.00	\$ 1.95	\$ 975.00
20	6070000000-N	SP	Special Stilling Basins	1	Ea.	\$ 500.00	\$ 500.00	\$ 226.00	\$ 226.00	\$ 550.00	\$ 550.00	\$ 500.00	\$ 500.00
21	6133000000-N	SP	Generic Erosion Control Item	1	L.S.	\$ 3,000.00	\$ 3,000.00	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00	\$ 5,000.00	\$ 5,000.00
22	8035000000-E	402	Removal Existing Structures at STA. 14+15	1	L.S.	\$ 30,000.00	\$ 30,000.00	\$ 13,370.00	\$ 13,370.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
23	8105500000-E	SP	42" Dia. Drilled Pier in Soil	27	Lin. Ft.	\$ 450.00	\$ 12,150.00	\$ 322.60	\$ 8,710.20	\$ 1,300.00	\$ 35,100.00	\$ 315.00	\$ 8,505.00
24	8105600000-E	SP	42" Dia. Drilled Pier Not in Soil	25	Lin. Ft.	\$ 1,100.00	\$ 27,500.00	\$ 1,257.00	\$ 31,425.00	\$ 1,300.00	\$ 32,500.00	\$ 1,150.00	\$ 28,750.00
25	8111400000-E	SP	Permanent Steel Casing for 42" Drilled Pier	30	Lin. Ft.	\$ 150.00	\$ 4,500.00	\$ 130.00	\$ 3,900.00	\$ 210.00	\$ 6,300.00	\$ 180.00	\$ 5,400.00
26	8113000000-N	SP	SID Inspection	1	Ea.	\$ 500.00	\$ 500.00	\$ 695.00	\$ 695.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00
27	8115000000-N	SP	Crosshole Sonic Logging	1	Ea.	\$ 2,000.00	\$ 2,000.00	\$ 1,500.00	\$ 1,500.00	\$ 2,000.00	\$ 2,000.00	\$ 1,500.00	\$ 1,500.00
28	8210000000-N	422	Bridge App. Slab, Sta 14+15	1	L.S.	\$ 20,100.00	\$ 20,100.00	\$ 21,610.00	\$ 21,610.00	\$ 14,000.00	\$ 14,000.00	\$ 25,000.00	\$ 25,000.00
29	8365000000-E	450	HP 12x53 Galvanized Steel Piles	250	Lin. Ft.	\$ 60.00	\$ 15,000.00	\$ 72.60	\$ 18,150.00	\$ 58.45	\$ 14,612.50	\$ 40.00	\$ 10,000.00
29	8594000000-E	876	Rip Rap Class B	10	Tons	\$ 50.00	\$ 500.00	\$ 39.25	\$ 392.50	\$ 32.00	\$ 320.00	\$ 40.00	\$ 400.00
30	8608000000-E	876	Rip Rap Class II (2'-0" Thick)	325	Tons	\$ 40.00	\$ 13,000.00	\$ 35.60	\$ 11,570.00	\$ 33.75	\$ 10,968.75	\$ 40.00	\$ 13,000.00
31	8765000000-N	SP	Construction of Substructure	1	L.S.	\$ 68,000.00	\$ 68,000.00	\$ 68,583.00	\$ 68,583.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00
32	8766000000-N	SP	Construction of Superstructure	1	L.S.	\$ 137,000.00	\$ 137,000.00	\$ 140,000.00	\$ 140,000.00	\$ 128,475.00	\$ 128,475.00	\$ 157,000.00	\$ 157,000.00
							Total	\$ 452,897.50	\$ 461,874.30	\$ 468,979.75	\$ 468,979.75	\$ 477,270.50	\$ 477,270.50

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Line Item #	Item Number	Section	Item Description	Amount	Payment Type	Unit Price Bid	Taylor & Murphy	Unit Price Bid	TCB Builders			
							Constr. Co.		LLC			
1	0000100000-N	800	Mobilization	1	L.S.	\$ 25,000.00	\$ 25,000.00	\$ 25,450.00	\$ 25,450.00			
2	0063000000-N	SP	Grading	1	L.S.	\$ 21,500.00	\$ 21,500.00	\$ 35,000.00	\$ 35,000.00			
3	0576000000-E	SP	60" CS Pipe Culverts, 0.168" Thick	70	Lin. Ft.	\$ 100.00	\$ 7,000.00	\$ 260.00	\$ 18,200.00			
4	1489000000-E	610	Asphalt Concrete Base	150	Tons	\$ 74.00	\$ 11,100.00	\$ 71.00	\$ 10,650.00			
			Course, Type B 25.0 B				\$ -		\$ -			
5	1525000000-E	610	Asphalt Concrete Surface	100	Tons	\$ 77.00	\$ 7,700.00	\$ 74.00	\$ 7,400.00			
			Course, Type SF 9.5 A				\$ -		\$ -			
6	1560000000-E	620	Asphalt Binder for Plant Mix, PG 64-22	15	Tons	\$ 499.00	\$ 7,485.00	\$ 503.00	\$ 7,545.00			
7	2154000000-N	820	Metal Funnel	2	Ea.	\$ 750.00	\$ 1,500.00	\$ 806.00	\$ 1,612.00			
8	2165000000-E	820	15" Funnel Drain Pipe	40	Lin. Ft.	\$ 15.00	\$ 600.00	\$ 22.80	\$ 912.00			
9	2176000000-E	820	15" Funnel Drain Pipe Elbows	2	Ea.	\$ 80.00	\$ 160.00	\$ 260.00	\$ 520.00			
10	2556000000-E	846	Shoulder Berm Gutter	30	Lin. Ft.	\$ 50.00	\$ 1,500.00	\$ 20.00	\$ 600.00			
11	2190000000-E	SP	Sandbag Headwall	100	Sq. Ft.	\$ 1.00	\$ 100.00	\$ 9.00	\$ 900.00			
12	2220000000-E	838	Reinforcing Endwall (STD. 838.27)	5.9	C.Y.	\$ 750.00	\$ 4,425.00	\$ 675.00	\$ 3,982.50			
13	3030000000-E	862	Steel BM Guardrail	200	Lin. Ft.	\$ 14.00	\$ 2,800.00	\$ 14.10	\$ 2,820.00			
14	3045000000-E	862	Steel BM Guardrail (Shop Curved)	37.5	Lin. Ft.	\$ 17.00	\$ 637.50	\$ 16.50	\$ 618.75			
15	3195000000-N	862	Guardrail Anchor Unit, Type AT-1	4	Ea.	\$ 500.00	\$ 2,000.00	\$ 525.00	\$ 2,100.00			
16	3270000000-N	SP	Guardrail Anchor Unit, Type 350	4	Ea.	\$ 1,750.00	\$ 7,000.00	\$ 1,800.00	\$ 7,200.00			
17	3317000000-N	862	Guardrail Anchor Unit, Type B-77	4	Ea.	\$ 1,325.00	\$ 5,300.00	\$ 1,300.00	\$ 5,200.00			
18	6000000000-E	1605	Temporary Silt Fence	600	Lin. Ft.	\$ 2.12	\$ 1,272.00	\$ 2.12	\$ 1,272.00			
19	6036000000-E	1631	Matting for Erosion Control	500	Sq. Yds.	\$ 1.95	\$ 975.00	\$ 1.95	\$ 975.00			
20	6070000000-N	SP	Special Stilling Basins	1	Ea.	\$ 600.00	\$ 600.00	\$ 175.00	\$ 175.00			
21	6133000000-N	SP	Generic Erosion Control Item	1	L.S.	\$ 3,000.00	\$ 3,000.00	\$ 3,700.00	\$ 3,700.00			
22	8035000000-E	402	Removal Existing Structures at STA. 14+15	1	L.S.	\$ 42,500.00	\$ 42,500.00	\$ 53,000.00	\$ 53,000.00			
23	8105500000-E	SP	42" Dia. Drilled Pier in Soil	27	Lin. Ft.	\$ 1,000.00	\$ 27,000.00	\$ 265.00	\$ 7,155.00			
24	8105600000-E	SP	42" Dia. Drilled Pier Not in Soil	25	Lin. Ft.	\$ 1,000.00	\$ 25,000.00	\$ 1,275.00	\$ 31,875.00			
25	8111400000-E	SP	Permanent Steel Casing for 42" Drilled Pier	30	Lin. Ft.	\$ 150.00	\$ 4,500.00	\$ 150.00	\$ 4,500.00			
26	8113000000-N	SP	SID Inspection	1	Ea.	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00			
27	8115000000-N	SP	Crosshole Sonic Logging	1	Ea.	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00			
28	8210000000-N	422	Bridge App. Slab, Sta 14+15	1	L.S.	\$ 20,000.00	\$ 20,000.00	\$ 12,000.00	\$ 12,000.00			
29	8365000000-E	450	HP 12x53 Galvanized Steel Piles	250	Lin. Ft.	\$ 64.00	\$ 16,000.00	\$ 66.00	\$ 16,500.00			
29	8594000000-E	876	Rip Rap Class B	10	Tons	\$ 34.00	\$ 340.00	\$ 42.00	\$ 420.00			
30	8608000000-E	876	Rip Rap Class II (2'-0" Thick)	325	Tons	\$ 35.00	\$ 11,375.00	\$ 42.00	\$ 13,650.00			
31	8765000000-N	SP	Construction of Substructure	1	L.S.	\$ 110,000.00	\$ 110,000.00	\$ 76,800.00	\$ 76,800.00			
32	8766000000-N	SP	Construction of Superstructure	1	L.S.	\$ 128,000.00	\$ 128,000.00	\$ 154,887.00	\$ 154,887.00			
							Total	\$ 498,369.50	\$ 509,619.25			