

DATE: 04-27-2010

County	Wilkes
County #	96
Bridge#	24
Project#	WBS 42825/ DO00047
Engineer's Estimate:	\$450,000

Purchase Order Contract Bridge Replacement

ROUTE : SR-2428

DESCRIPTION: Cored Slab with two spans, 1 @ 60' and 1 @ 25' on a 90 degree skew angle and 27' clear rdwy. width.

Line Item #	Item Number	Section	Item Description	Amount	Payment Type	Unit Price Bid	Davie Grading, Inc.	Unit Price Bid	Smith-Rowe Inc.	Unit Price Bid	Apac-Atlantic Inc.	Unit Price Bid	Taylor & Murphy Constr. Co.
1	0000100000-N	800	Mobilization	1	L.S.	\$ 17,500.00	\$ 17,500.00	\$ 18,500.00	\$ 18,500.00	\$ 18,000.00	\$ 18,000.00	\$ 21,000.00	\$ 21,000.00
2	0248000000-N	SP	Generic Grading Item (Excavation and Embankment)	1	L.S.	\$ 30,000.00	\$ 30,000.00	\$ 31,500.00	\$ 31,500.00	\$ 18,000.00	\$ 18,000.00	\$ 28,000.00	\$ 28,000.00
3	0366000000-E	310	15" RC Pipe Culvert, Class III	16	Lin. Ft.	\$ 28.00	\$ 448.00	\$ 50.00	\$ 800.00	\$ 40.00	\$ 640.00	\$ 40.00	\$ 640.00
4	1489000000-E	610	Asphalt Concrete Base Course, Type B 25.0 B	170	Tons	\$ 70.00	\$ 11,900.00	\$ 70.00	\$ 11,900.00	\$ 100.00	\$ 17,000.00	\$ 115.00	\$ 19,550.00
5	1519000000-E	610	Asphalt Concrete Surface Course, Type S 9.5 B	190	Tons	\$ 70.00	\$ 13,300.00	\$ 70.00	\$ 13,300.00	\$ 100.00	\$ 19,000.00	\$ 115.00	\$ 21,850.00
6	1560000000-E	620	Asphalt Binder for Plant Mix, PG 64-22	17	Tons	\$ 596.00	\$ 10,132.00	\$ 596.00	\$ 10,132.00	\$ 600.00	\$ 10,200.00	\$ 760.00	\$ 12,920.00
7	2286000000-N	840	Masonry Drainage Structure	2	Ea.	\$ 1,000.00	\$ 2,000.00	\$ 1,500.00	\$ 3,000.00	\$ 1,000.00	\$ 2,000.00	\$ 1,600.00	\$ 3,200.00
8	2354000000-E	840	Frame with Two Grates, Std 840.22	2	Ea.	\$ 450.00	\$ 900.00	\$ 550.00	\$ 1,100.00	\$ 500.00	\$ 1,000.00	\$ 500.00	\$ 1,000.00
9	2556000000-E	846	Shoulder Berm & Gutter	40	Lin. Ft.	\$ 50.00	\$ 2,000.00	\$ 45.00	\$ 1,800.00	\$ 25.00	\$ 1,000.00	\$ 50.00	\$ 2,000.00
10	3030000000-E	862	Steel BM Guardrail	250	Lin. Ft.	\$ 14.25	\$ 3,562.50	\$ 14.00	\$ 3,500.00	\$ 14.50	\$ 3,625.00	\$ 14.25	\$ 3,562.50
11	3150000000-N	862	Additional Guardrail Posts	5	Ea.	\$ 11.00	\$ 55.00	\$ 1.00	\$ 5.00	\$ 10.00	\$ 50.00	\$ 11.00	\$ 55.00
12	3270000000-N	SP	Guardrail Anchor Unit, Type 350	4	Ea.	\$ 1,700.00	\$ 6,800.00	\$ 1,550.00	\$ 6,200.00	\$ 1,600.00	\$ 6,400.00	\$ 1,700.00	\$ 6,800.00
13	3317000000-N	876	Guardrail Anchor Unit, Type B-77	4	Ea.	\$ 1,400.00	\$ 5,600.00	\$ 1,550.00	\$ 6,200.00	\$ 1,600.00	\$ 6,400.00	\$ 1,400.00	\$ 5,600.00
14	3656000000-E	876	Filter Fabric for Drainage, Type 2	690	Sq. Yds.	\$ 2.00	\$ 1,380.00	\$ 1.00	\$ 690.00	\$ 2.00	\$ 1,380.00	\$ 4.00	\$ 2,760.00
15	4589000000-N	876	Performed Hole Scour w/Level Apron	1	Ea.	\$ 300.00	\$ 300.00	\$ 1,100.00	\$ 1,100.00	\$ 1,000.00	\$ 1,000.00	\$ 750.00	\$ 750.00
16	4589000000-E	1100	Generic Traffic Control	1	L.S.	\$ 5,000.00	\$ 5,000.00	\$ 2,200.00	\$ 2,200.00	\$ 1,000.00	\$ 1,000.00	\$ 1,500.00	\$ 1,500.00
17	6000000000-E	SP	Temporary Silt Fence	1050	Lin. Ft.	\$ 2.00	\$ 2,100.00	\$ 1.90	\$ 1,995.00	\$ 2.00	\$ 2,100.00	\$ 1.90	\$ 1,995.00
18	6060000000-E	1610	Stone for Erosion Control, Class A	165	Tons	\$ 32.00	\$ 5,280.00	\$ 20.00	\$ 3,300.00	\$ 30.00	\$ 4,950.00	\$ 25.00	\$ 4,125.00
19	6090000000-E	1610	Stone for Erosion Control, Class B	45	Tons	\$ 32.00	\$ 1,440.00	\$ 40.00	\$ 1,800.00	\$ 30.00	\$ 1,350.00	\$ 28.00	\$ 1,260.00
20	6012000000-E	1610	Sediment Control Stone	50	Tons	\$ 28.00	\$ 1,400.00	\$ 38.00	\$ 1,900.00	\$ 30.00	\$ 1,500.00	\$ 30.00	\$ 1,500.00
21	6024000000-E	1622	Temporary Slope Drains	200	Lin. Ft.	\$ 10.00	\$ 2,000.00	\$ 2.25	\$ 450.00	\$ 5.00	\$ 1,000.00	\$ 10.00	\$ 2,000.00
22	6027000000-E	1622	Inlet protection at Temp Slope Drains	4	Ea.	\$ 200.00	\$ 800.00	\$ 100.00	\$ 400.00	\$ 100.00	\$ 400.00	\$ 100.00	\$ 400.00
23	6029000000-E	SP	Safety Fence	450	Lin. Ft.	\$ 2.00	\$ 900.00	\$ 1.90	\$ 855.00	\$ 2.00	\$ 900.00	\$ 1.90	\$ 855.00
24	6030000000-E	1630	Silt Excavation	25	C.Yds.	\$ 6.00	\$ 150.00	\$ 15.00	\$ 375.00	\$ 10.00	\$ 250.00	\$ 10.00	\$ 250.00
25	6036000000-E	1631	Matting for Erosion Control	6250	Sq. Yds.	\$ 1.65	\$ 10,312.50	\$ 1.50	\$ 9,375.00	\$ 1.00	\$ 6,250.00	\$ 1.75	\$ 10,937.50
26	6133000000-N	SP	Generic Erosion Control Item	1	L.S.	\$ 5,000.00	\$ 5,000.00	\$ 2,250.00	\$ 2,250.00	\$ 2,000.00	\$ 2,000.00	\$ 3,500.00	\$ 3,500.00
27	8033500000-N	402	Removal Existing Structure	1	L.S.	\$ 10,000.00	\$ 10,000.00	\$ 17,500.00	\$ 17,500.00	\$ 10,000.00	\$ 10,000.00	\$ 43,500.00	\$ 43,500.00
28	8210000000-N	422	Bridge Approach Slabs	1	L.S.	\$ 14,500.00	\$ 14,500.00	\$ 16,150.00	\$ 16,150.00	\$ 20,000.00	\$ 20,000.00	\$ 16,000.00	\$ 16,000.00
29	8365000000-E	SP	HP 12X53 Galvanized Steel Piles	480	Lin. Ft.	\$ 60.00	\$ 28,800.00	\$ 57.50	\$ 27,600.00	\$ 40.00	\$ 19,200.00	\$ 57.00	\$ 27,360.00
30	8391000000-E	SP	Steel Pile Points for HP 12x53 Steel Piles	24	Ea.	\$ 150.00	\$ 3,600.00	\$ 190.00	\$ 4,560.00	\$ 100.00	\$ 2,400.00	\$ 115.00	\$ 2,760.00
31	8594000000-E	876	Plain Rip Rap, Class II	420	Tons	\$ 37.00	\$ 15,540.00	\$ 35.60	\$ 14,952.00	\$ 40.00	\$ 16,800.00	\$ 45.00	\$ 18,900.00
32	8765000000-N	SP	Construction of Substructure	1	L.S.	\$ 41,300.00	\$ 41,300.00	\$ 41,300.00	\$ 41,300.00	\$ 100,000.00	\$ 100,000.00	\$ 72,000.00	\$ 72,000.00
33	8766000000-N	SP	Construction of Superstructure	1	L.S.	\$ 110,400.00	\$ 110,400.00	\$ 114,900.00	\$ 114,900.00	\$ 125,000.00	\$ 125,000.00	\$ 100,000.00	\$ 100,000.00
					Total		\$ 364,400.00		\$ 371,589.00		\$ 420,795.00		\$ 438,530.00

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DESCRIPTION: Cored Slab with two spans, 1 @ 60' and 1 @ 25' on a 90 degree skew angle and 27' clear rdwy. width.

Line Item #	Item Number	Section	Item Description	Amount	Payment Type	Unit Price Bid	J. R. Vannoy & Sons, Constr.	Unit Price Bid	Triangle Grading & Paving Inc.	Unit Price Bid	Triangle Grading & Paving Inc.
1	0000100000-N	800	Mobilization	1	L.S.	\$ 34,060.00	\$ 34,060.00	\$ 30,000.00	\$ 30,000.00	\$ 18,500.00	\$ 18,500.00
2	0248000000-N	SP	Generic Grading Item (Excavation and Embankment)	1	L.S.	\$ 34,810.00	\$ 34,810.00	\$ 25,000.00	\$ 25,000.00		
3	0366000000-E	310	15" RC Pipe Culvert, Class III	16	Lin. Ft.	\$ 72.00	\$ 1,152.00	\$ 35.00	\$ 560.00		
4	1489000000-E	610	Asphalt Concrete Base Course, Type B 25.0 B	170	Tons	\$ 82.60	\$ 14,042.00	\$ 70.00	\$ 11,900.00		
5	1519000000-E	610	Asphalt Concrete Surface Course, Type S 9.5 B	190	Tons	\$ 82.60	\$ 15,694.00	\$ 70.00	\$ 13,300.00		
6	1560000000-E	620	Asphalt Binder for Plant Mix, PG 64-22	17	Tons	\$ 703.00	\$ 11,951.00	\$ 596.00	\$ 10,132.00		
7	2286000000-N	840	Masonry Drainage Structure	2	Ea.	\$ 1,588.00	\$ 3,176.00	\$ 1,500.00	\$ 3,000.00		
8	2354000000-N	840	Frame with Two Grates, Std 840.22	2	Ea.	\$ 720.00	\$ 1,440.00	\$ 1,000.00	\$ 2,000.00		
9	2556000000-E	846	Shoulder Berm & Gutter	40	Lin. Ft.	\$ 47.70	\$ 1,908.00	\$ 45.00	\$ 1,800.00		
10	3030000000-E	862	Steel BM Guardrail	250	Lin. Ft.	\$ 16.82	\$ 4,205.00	\$ 15.00	\$ 3,750.00		
11	3150000000-N	862	Additional Guardrail Posts	5	Ea.	\$ 13.00	\$ 65.00	\$ 40.00	\$ 200.00		
12	3270000000-N	SP	Guardrail Anchor Unit, Type 350	4	Ea.	\$ 2,006.00	\$ 8,024.00	\$ 1,900.00	\$ 7,600.00		
13	3317000000-N	862	Guardrail Anchor Unit, Type B-77	4	Ea.	\$ 1,652.00	\$ 6,608.00	\$ 1,400.00	\$ 5,600.00		
14	3656000000-E	876	Filter Fabric for Drainage, Type 2	690	Sq. Yds.	\$ 4.60	\$ 3,174.00	\$ 3.00	\$ 2,070.00		
15	3659000000-N	876	Performed Hole Scour w/Level Apron	1	Ea.	\$ 892.00	\$ 892.00	\$ 3,500.00	\$ 3,500.00		
16	4589000000-N	1100	Generic Traffic Control	1	L.S.	\$ 8,336.00	\$ 8,336.00	\$ 10,000.00	\$ 10,000.00		
17	6000000000-E	SP	Temporary Silt Fence	1050	Lin. Ft.	\$ 3.00	\$ 3,150.00	\$ 4.00	\$ 4,200.00		
18	6060000000-E	1610	Stone for Erosion Control, Class A	165	Tons	\$ 54.00	\$ 8,910.00	\$ 45.00	\$ 7,425.00		
19	6090000000-E	1610	Stone for Erosion Control, Class B	45	Tons	\$ 47.00	\$ 2,115.00	\$ 75.00	\$ 3,375.00		
20	6012000000-E	1610	Sediment Control Stone	50	Tons	\$ 44.00	\$ 2,200.00	\$ 75.00	\$ 3,750.00		
21	6024000000-E	1622	Temporary Slope Drains	200	Lin. Ft.	\$ 19.00	\$ 3,800.00	\$ 15.00	\$ 3,000.00		
22	6027000000-E	1622	Inlet protection at Temp Slope Drains	4	Ea.	\$ 141.00	\$ 564.00	\$ 150.00	\$ 600.00		
23	6000000000-E	SP	Safety Fence	450	Lin. Ft.	\$ 2.00	\$ 900.00	\$ 5.00	\$ 2,250.00		
24	6030000000-E	1630	Silt Excavation	25	C.Yds.	\$ 7.50	\$ 187.50	\$ 35.00	\$ 875.00		
25	6036000000-E	1631	Matting for Erosion Control	6250	Sq. Yds.	\$ 2.00	\$ 12,500.00	\$ 1.50	\$ 9,375.00		
26	6133000000-E	SP	Generic Erosion Control Item	1	L.S.	\$ 3,540.00	\$ 3,540.00	\$ 12,000.00	\$ 12,000.00		
27	8035000000-N	402	Removal Existing Structure	1	L.S.	\$ 6,870.00	\$ 6,870.00	\$ 35,000.00	\$ 35,000.00		
28	8210000000-N	422	Bridge Approach Slabs	1	L.S.	\$ 22,280.00	\$ 22,280.00	\$ 25,000.00	\$ 25,000.00		
29	8365000000-E	450	HP 12x53 Galvanized Steel Piles	480	Lin. Ft.	\$ 65.00	\$ 31,200.00	\$ 75.00	\$ 36,000.00		
30	8391000000-E	SP	Steel Pile Points for HP 12x53 Steel Piles	24	Ea.	\$ 97.00	\$ 2,328.00	\$ 175.00	\$ 4,200.00		
31	8594000000-E	876	Plain Rip Rap, Class II	420	Tons	\$ 50.00	\$ 21,000.00	\$ 55.00	\$ 23,100.00		
32	8765000000-N	SP	Construction of Substructure	1	L.S.	\$ 80,160.00	\$ 80,160.00	\$ 61,530.95	\$ 61,530.95		
33	8766000000-N	SP	Construction of Superstructure	1	L.S.	\$ 132,330.00	\$ 132,330.00	\$ 197,000.00	\$ 197,000.00		
							Total	\$ 483,571.50	\$ 559,092.95	\$ 18,500.00	\$ 18,500.00