

Purchase Order Contract Bridge Replacement

DATE: 03-30-2010

County	Rowan
County #	79
Bridge#	95
Project#	WBS 42818.3.1(B-5221)
Engineer's Estimate:	\$430,000

ROUTE : SR-2114

DESCRIPTION: Cored Slab with two spans, 1 @ 30' and 1 @55' on a 60 degree skew angle and 30' clear rdwy. width.

Line Item #	Item Number	Section	Item Description	Amount	Payment Type	Unit Price Bid	Davie Grading	Unit Price Bid	TCB Builders, LLC	Unit Price Bid	Smith-Rowe Inc.	Unit Price Bid	Lee Construction
1	0000100000-N	800	Mobilization	1	L.S.	\$ 17,600.00	\$ 17,600.00	\$ 21,900.00	\$ 21,900.00	\$ 19,250.00	\$ 19,250.00	\$ 20,000.00	\$ 20,000.00
2	0030000000-N	SP	Bridge Approach Fill -Sub Regional	1	L.S.	\$ 5,000.00	\$ 5,000.00	\$ 2,600.00	\$ 2,600.00	\$ 3,775.00	\$ 3,775.00	\$ 2,500.00	\$ 2,500.00
			Tiers				\$ -		\$ -		\$ -		\$ -
3	0248000000-N	SP	Generic Grading Item (Excavation and Embankment)	1	L.S.	\$ 45,000.00	\$ 45,000.00	\$ 27,720.00	\$ 27,720.00	\$ 18,000.00	\$ 18,000.00	\$ 10,000.00	\$ 10,000.00
4	1489000000-E	610	Asphalt Concrete Base	230	Tons	\$ 51.35	\$ 11,810.50	\$ 51.35	\$ 11,810.50	\$ 51.35	\$ 11,810.50	\$ 85.21	\$ 19,598.30
			Course, Type B 25.0 B				\$ -		\$ -		\$ -		\$ -
5	1519000000-E	610	Asphalt Concrete Surface	150	Tons	\$ 55.55	\$ 8,332.50	\$ 55.55	\$ 8,332.50	\$ 55.55	\$ 8,332.50	\$ 82.39	\$ 12,358.50
			Course, Type S 9.5 B				\$ -		\$ -		\$ -		\$ -
6	1560000000-E	620	Asphalt Binder for Plant Mix, PG 64-22	19	Tons	\$ 579.20	\$ 11,004.80	\$ 579.20	\$ 11,004.80	\$ 579.20	\$ 11,004.80	\$ 479.00	\$ 9,101.00
7	3030000000-E	862	Steel BM Guardrail	187.5	Lin. Ft.	\$ 15.00	\$ 2,812.50	\$ 15.00	\$ 2,812.50	\$ 13.75	\$ 2,578.13	\$ 15.00	\$ 2,812.50
8	3270000000-N	SP	Guardrail Anchor Unit, Type 350	6	Ea.	\$ 1,800.00	\$ 10,800.00	\$ 1,725.00	\$ 10,350.00	\$ 1,700.00	\$ 10,200.00	\$ 1,725.00	\$ 10,350.00
9	3317000000-N	862	Guardrail Anchor Unit, Type B-77	4	Ea.	\$ 1,375.00	\$ 5,500.00	\$ 1,400.00	\$ 5,600.00	\$ 1,300.00	\$ 5,200.00	\$ 1,400.00	\$ 5,600.00
10	6000000000-E	1605	Temporary Silt Fence	950	Lin. Ft.	\$ 2.00	\$ 1,900.00	\$ 1.85	\$ 1,757.50	\$ 1.84	\$ 1,748.00	\$ 2.00	\$ 1,900.00
11	6009000000-E	1610	Stone for Erosion Control, Class B	40	Tons	\$ 30.00	\$ 1,200.00	\$ 36.00	\$ 1,440.00	\$ 45.00	\$ 1,800.00	\$ 30.00	\$ 1,200.00
12	6012000000-E	1610	Sediment Control Stone	225	Tons	\$ 28.00	\$ 6,300.00	\$ 31.00	\$ 6,975.00	\$ 20.00	\$ 4,500.00	\$ 30.00	\$ 6,750.00
13	6029000000-E	SP	Safety Fence	200	Lin. Ft.	\$ 2.00	\$ 400.00	\$ 1.60	\$ 320.00	\$ 1.70	\$ 340.00	\$ 2.00	\$ 400.00
14	6030000000-E	1630	Silt Excavation	20	Cu.Yds.	\$ 6.00	\$ 120.00	\$ 8.00	\$ 160.00	\$ 12.00	\$ 240.00	\$ 5.00	\$ 100.00
15	6036000000-E	1631	Matting for Erosion Control	5	Sq. Yds.	\$ 5.00	\$ 25.00	\$ 5.00	\$ 25.00	\$ 10.00	\$ 50.00	\$ 3.00	\$ 15.00
16	6042000000-E	1632	1/4" Hardware Cloth	360	Lin. Ft.	\$ 5.00	\$ 1,800.00	\$ 4.00	\$ 1,440.00	\$ 3.50	\$ 1,260.00	\$ 4.00	\$ 1,440.00
17	6070000000-E	SP	Special Stilling Basins	6	Ea.	\$ 300.00	\$ 1,800.00	\$ 650.00	\$ 3,900.00	\$ 50.00	\$ 300.00	\$ 350.00	\$ 2,100.00
18	6071010000-E	SP	Wattle	40	Lin. Ft.	\$ 10.00	\$ 400.00	\$ 6.00	\$ 240.00	\$ 7.20	\$ 288.00	\$ 8.00	\$ 320.00
19	6071020000-E	SP	Polyacrylamide (PAM)	9	Lbs.	\$ 12.00	\$ 108.00	\$ 15.00	\$ 135.00	\$ 20.00	\$ 180.00	\$ 15.00	\$ 135.00
20	6071030000-E	SP	Coir Fiber Baffles	45	Lin. Ft.	\$ 5.00	\$ 225.00	\$ 7.00	\$ 315.00	\$ 6.00	\$ 270.00	\$ 7.00	\$ 315.00
21	8035000000-N	402	Removal Existing Structure	1	L.S.	\$ 15,000.00	\$ 15,000.00	\$ 47,100.00	\$ 47,100.00	\$ 20,100.00	\$ 20,100.00	\$ 15,000.00	\$ 15,000.00
22	8210000000-N	422	Bridge Approach Slabs	1	L.S.	\$ 14,500.00	\$ 14,500.00	\$ 8,290.00	\$ 8,290.00	\$ 17,100.00	\$ 17,100.00	\$ 15,000.00	\$ 15,000.00
23	8365000000-E	450	HP 12X53 Galv. Steel Piles	160	Lin. Ft.	\$ 60.00	\$ 9,600.00	\$ 96.28	\$ 15,404.80	\$ 80.55	\$ 12,888.00	\$ 100.00	\$ 16,000.00
24	8105520000-E	SP	36" Drilled Pier in Soil	18.9	Lin. Ft.	\$ 300.00	\$ 5,670.00	\$ 200.00	\$ 3,780.00	\$ 506.65	\$ 9,575.69	\$ 1,000.00	\$ 18,900.00
25	8105620000-E	SP	36" Drilled Pier Not in Soil	24	Lin. Ft.	\$ 1,200.00	\$ 28,800.00	\$ 1,500.00	\$ 36,000.00	\$ 1,813.55	\$ 43,525.20	\$ 1,100.00	\$ 26,400.00
26	8111200000-E	SP	36" Permanent Steel Casing	18.9	Lin. Ft.	\$ 150.00	\$ 2,835.00	\$ 100.00	\$ 1,890.00	\$ 157.65	\$ 2,979.59	\$ 200.00	\$ 3,780.00
27	8115000000-N	SP	Crosshole Sonic Logging	1	Ea.	\$ 2,000.00	\$ 2,000.00	\$ 1,950.00	\$ 1,950.00	\$ 1,955.00	\$ 1,955.00	\$ 2,000.00	\$ 2,000.00
28	8113000000-N	SP	SID Inspection	1	Ea.	\$ 1.00	\$ 1.00	\$ 500.00	\$ 500.00	\$ 830.00	\$ 830.00	\$ 250.00	\$ 250.00
29	8608000000-E	876	Rip Rap Class II (2'-0" Thick)	155	Tons	\$ 40.00	\$ 6,200.00	\$ 27.00	\$ 4,185.00	\$ 37.90	\$ 5,874.50	\$ 40.00	\$ 6,200.00
30	8622000000-E	876	Filter Fabric for Drainage	425	Sq. Yds.	\$ 2.00	\$ 850.00	\$ 1.25	\$ 531.25	\$ 2.00	\$ 850.00	\$ 2.00	\$ 850.00
31	8765000000-N	SP	Construction of Substructure	1	L.S.	\$ 42,232.00	\$ 42,232.00	\$ 37,951.00	\$ 37,951.00	\$ 46,965.00	\$ 46,965.00	\$ 60,000.00	\$ 60,000.00
32	8766000000-N	SP	Construction of Superstructure	1	L.S.	\$ 119,000.00	\$ 119,000.00	\$ 103,290.00	\$ 103,290.00	\$ 123,265.00	\$ 123,265.00	\$ 140,000.00	\$ 140,000.00
							\$ 378,826.30		\$ 379,709.85		\$ 387,034.90		\$ 411,375.30

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DESCRIPTION: Cored Slab with two spans, 1 @ 30' and 1@55' on a 60 degree skew angle and 30' clear rdwy. width.

Line Item #	Item Number	Section	Item Description	Amount	Payment Type	Unit Price Bid	Dellinger Inc.	Unit Price Bid	DLB Inc.	Unit Price Bid	Triangle Grading & Paving	Unit Price Bid	Lee Construction
1	0000100000-N	800	Mobilization	1	L.S.	\$ 25,000.00	\$ 25,000.00	\$ 24,000.00	\$ 24,000.00	\$ 26,000.00	\$ 26,000.00	\$ 20,000.00	\$ 20,000.00
2	0030000000-N	SP	Bridge Approach Fill -Sub Regional Tiers	1	L.S.	\$ 5,000.00	\$ 5,000.00	\$ 6,500.00	\$ 6,500.00	\$ 12,000.00	\$ 12,000.00	\$ 2,500.00	\$ 2,500.00
3	0248000000-N	SP	Generic Grading Item (Excavation and Embankment)	1	L.S.	\$ 25,000.00	\$ 25,000.00	\$ 30,000.00	\$ 30,000.00	\$ 33,000.00	\$ 33,000.00	\$ 10,000.00	\$ 10,000.00
4	1489000000-E	610	Asphalt Concrete Base Course, Type B 25.0 B	230	Tons	\$ 85.21	\$ 19,598.30	\$ 100.00	\$ 23,000.00	\$ 51.35	\$ 11,810.50	\$ 85.21	\$ 19,598.30
5	1519000000-E	610	Asphalt Concrete Surface Course, Type S 9.5 B	150	Tons	\$ 82.39	\$ 12,358.50	\$ 95.00	\$ 14,250.00	\$ 55.55	\$ 8,332.50	\$ 82.39	\$ 12,358.50
6	1560000000-E	620	Asphalt Binder for Plant Mix, PG 64-22	19	Tons	\$ 479.00	\$ 9,101.00	\$ 550.00	\$ 10,450.00	\$ 579.20	\$ 11,004.80	\$ 479.00	\$ 9,101.00
7	3030000000-E	862	Steel BM Guardrail	187.5	Lin. Ft.	\$ 15.00	\$ 2,812.50	\$ 17.50	\$ 3,281.25	\$ 15.00	\$ 2,812.50	\$ 15.00	\$ 2,812.50
8	3270000000-N	SP	Guardrail Anchor Unit, Type 350	6	Ea.	\$ 1,375.00	\$ 8,250.00	\$ 1,600.00	\$ 9,600.00	\$ 1,800.00	\$ 10,800.00	\$ 1,725.00	\$ 10,350.00
9	3317000000-N	862	Guardrail Anchor Unit, Type B-77	4	Ea.	\$ 1,800.00	\$ 7,200.00	\$ 2,100.00	\$ 8,400.00	\$ 1,375.00	\$ 5,500.00	\$ 1,400.00	\$ 5,600.00
10	6000000000-E	1605	Temporary Silt Fence	950	Lin. Ft.	\$ 1.85	\$ 1,757.50	\$ 3.50	\$ 3,325.00	\$ 4.00	\$ 3,800.00	\$ 2.00	\$ 1,900.00
11	6009000000-E	1610	Stone for Erosion Control, Class B	40	Tons	\$ 30.00	\$ 1,200.00	\$ 53.00	\$ 2,120.00	\$ 45.00	\$ 1,800.00	\$ 30.00	\$ 1,200.00
12	6012000000-E	1610	Sediment Control Stone	225	Tons	\$ 26.00	\$ 5,850.00	\$ 48.00	\$ 10,800.00	\$ 45.00	\$ 10,125.00	\$ 30.00	\$ 6,750.00
13	6029000000-E	SP	Safety Fence	200	Lin. Ft.	\$ 1.70	\$ 340.00	\$ 3.25	\$ 650.00	\$ 4.00	\$ 800.00	\$ 2.00	\$ 400.00
14	6030000000-E	1630	Silt Excavation	20	Cu.Yds.	\$ 5.75	\$ 115.00	\$ 9.50	\$ 190.00	\$ 22.00	\$ 440.00	\$ 5.00	\$ 100.00
15	6036000000-E	1631	Matting for Erosion Control	5	Sq. Yds.	\$ 1.75	\$ 8.75	\$ 13.00	\$ 65.00	\$ 2.50	\$ 12.50	\$ 3.00	\$ 15.00
16	6042000000-E	1632	1/4" Hardware Cloth	360	Lin. Ft.	\$ 3.50	\$ 1,260.00	\$ 5.80	\$ 2,088.00	\$ 18.00	\$ 6,480.00	\$ 4.00	\$ 1,440.00
17	6070000000-E	SP	Special Stilling Basins	6	Ea.	\$ 287.00	\$ 1,722.00	\$ 2,000.00	\$ 12,000.00	\$ 800.00	\$ 4,800.00	\$ 350.00	\$ 2,100.00
18	6071010000-E	SP	Wattle	40	Lin. Ft.	\$ 7.20	\$ 288.00	\$ 9.00	\$ 360.00	\$ 22.00	\$ 880.00	\$ 8.00	\$ 320.00
19	6071020000-E	SP	Polyacrylamide (PAM)	9	Lbs.	\$ 14.00	\$ 126.00	\$ 35.00	\$ 315.00	\$ 22.00	\$ 198.00	\$ 15.00	\$ 135.00
20	6071030000-E	SP	Coir Fiber Baffles	45	Lin. Ft.	\$ 6.00	\$ 270.00	\$ 9.00	\$ 405.00	\$ 22.00	\$ 990.00	\$ 7.00	\$ 315.00
21	8035000000-N	402	Removal Existing Structure	1	L.S.	\$ 20,000.00	\$ 20,000.00	\$ 30,000.00	\$ 30,000.00	\$ 40,000.00	\$ 40,000.00	\$ 15,000.00	\$ 15,000.00
22	8210000000-N	422	Bridge Approach Slabs	1	L.S.	\$ 26,000.00	\$ 26,000.00	\$ 16,000.00	\$ 16,000.00	\$ 30,000.00	\$ 30,000.00	\$ 15,000.00	\$ 15,000.00
23	8365000000-E	450	HP 12X53 Galv. Steel Piles	160	Lin. Ft.	\$ 66.00	\$ 10,560.00	\$ 86.00	\$ 13,760.00	\$ 85.00	\$ 13,600.00	\$ 100.00	\$ 16,000.00
24	8105520000-E	SP	36" Drilled Pier in Soil	18.9	Lin. Ft.	\$ 513.00	\$ 9,695.70	\$ 250.00	\$ 4,725.00	\$ 450.00	\$ 8,505.00	\$ 1,000.00	\$ 18,900.00
25	8105620000-E	SP	36" Drilled Pier Not in Soil	24	Lin. Ft.	\$ 1,818.00	\$ 43,632.00	\$ 1,750.00	\$ 42,000.00	\$ 1,500.00	\$ 36,000.00	\$ 1,100.00	\$ 26,400.00
26	81112000000-E	SP	36" Permanent Steel Casing	18.9	Lin. Ft.	\$ 110.00	\$ 2,079.00	\$ 115.00	\$ 2,173.50	\$ 200.00	\$ 3,780.00	\$ 200.00	\$ 3,780.00
27	8115000000-N	SP	Crosshole Sonic Logging	1	Ea.	\$ 2,750.00	\$ 2,750.00	\$ 580.00	\$ 580.00	\$ 2,500.00	\$ 2,500.00	\$ 2,000.00	\$ 2,000.00
28	8113000000-N	SP	SID Inspection	1	Ea.	\$ 690.00	\$ 690.00	\$ 2,300.00	\$ 2,300.00	\$ 750.00	\$ 750.00	\$ 250.00	\$ 250.00
29	8608000000-E	876	Rip Rap Class II (2'-0" Thick)	155	Tons	\$ 50.00	\$ 7,750.00	\$ 42.50	\$ 6,587.50	\$ 55.00	\$ 8,525.00	\$ 40.00	\$ 6,200.00
30	8622000000-E	876	Filter Fabric for Drainage	425	Sq. Yds.	\$ 2.75	\$ 1,168.75	\$ 2.00	\$ 850.00	\$ 4.00	\$ 1,700.00	\$ 2.00	\$ 850.00
31	8765000000-N	SP	Construction of Substructure	1	L.S.	\$ 75,000.00	\$ 75,000.00	\$ 80,000.00	\$ 80,000.00	\$ 68,807.75	\$ 68,807.75	\$ 60,000.00	\$ 60,000.00
32	8766000000-N	SP	Construction of Superstructure	1	L.S.	\$ 125,000.00	\$ 125,000.00	\$ 140,000.00	\$ 140,000.00	\$ 155,350.00	\$ 155,350.00	\$ 140,000.00	\$ 140,000.00
							\$ 451,583.00		\$ 500,775.25		\$ 521,103.55		\$ 411,375.30