

Purchase Order Contract Bridge Replacement

DATE: 09-23-2010

County	Nash
County #	63
Bridge#	120
Project#	BK-5107/ DO00086
Engineer's Estimate:	\$1,050,000

ROUTE : SR-1425

DESCRIPTION: Cored Slab with three spans 2 @ 45'-0" and 1 @ 35'-0" on a 115 degree skew angle and 32'-10" clear rdwy. width.

Line Item #	Item Number	Section	Item Description	Amount	Payment Type	Unit Price Bid	Fred Smith	Unit	Smith-Rowe	Unit	Palmetto	Unit	Sanford
							Co.	Price Bid	Inc.	Price Bid	Infrastructures	Price Bid	Contractors
1	0000100000-N	800	Mobilization	1	L.S.	\$ 37,000.00	\$ 37,000.00	\$ 42,500.00	\$ 42,500.00	\$ 45,000.00	\$ 45,000.00	\$ 47,200.00	\$ 47,200.00
2	0248000000-N	SP	Generic Grading Item (Excavation & Embankment)	1	L.S.	\$ 40,000.00	\$ 40,000.00	\$ 58,000.00	\$ 58,000.00	\$ 38,000.00	\$ 38,000.00	\$ 48,934.50	\$ 48,934.50
3	0366000000-E	310	15" RC Pipe Culvert, Class III	104	Lin. Ft.	\$ 40.00	\$ 4,160.00	\$ 40.00	\$ 4,160.00	\$ 55.00	\$ 5,720.00	\$ 30.00	\$ 3,120.00
4	1489000000-E	610	Asphalt Concrete Base	250	Tons	\$ 54.00	\$ 13,500.00	\$ 95.00	\$ 23,750.00	\$ 58.00	\$ 14,500.00	\$ 90.00	\$ 22,500.00
5	1498000000-E		Course, Type B 25.0 B				\$ -		\$ -		\$ -		\$ -
			Asphalt Concrete Intermediate	280	Tons	\$ 50.00	\$ 14,000.00	\$ 100.00	\$ 28,000.00	\$ 58.00	\$ 16,240.00	\$ 95.00	\$ 26,600.00
6	1519000000-E	610	Course, Type I 19.0 B				\$ -		\$ -		\$ -		\$ -
			Asphalt Concrete Surface	460	Tons	\$ 54.00	\$ 24,840.00	\$ 100.00	\$ 46,000.00	\$ 62.00	\$ 28,520.00	\$ 95.00	\$ 43,700.00
7	1560000000-E	620	Course, Type S 9.5 B				\$ -		\$ -		\$ -		\$ -
			Asphalt Binder for Plant Mix, PG 64-22	55	Tons	\$ 530.00	\$ 29,150.00	\$ 555.00	\$ 30,525.00	\$ 495.65	\$ 27,260.75	\$ 545.00	\$ 29,975.00
8	2286000000-N	840	Masonry Drainage Structure	2	Ea.	\$ 1,800.00	\$ 3,600.00	\$ 2,000.00	\$ 4,000.00	\$ 1,500.00	\$ 3,000.00	\$ 1,500.00	\$ 3,000.00
9	2367000000-N	840	Frame with Two Grates, Std 840.29	2	Ea.	\$ 750.00	\$ 1,500.00	\$ 750.00	\$ 1,500.00	\$ 990.00	\$ 1,980.00	\$ 500.00	\$ 1,000.00
10	2556000000-E	846	Shoulder Berm Gutter	80	Lin. Ft.	\$ 30.00	\$ 2,400.00	\$ 100.00	\$ 8,000.00	\$ 65.00	\$ 5,200.00	\$ 35.00	\$ 2,800.00
11	3030000000-E	862	Steel BM Guardrail	25	Lin. Ft.	\$ 24.00	\$ 600.00	\$ 24.00	\$ 600.00	\$ 20.00	\$ 500.00	\$ 24.00	\$ 600.00
12	3270000000-N	SP	Guardrail Anchor Unit, Type 350	4	Ea.	\$ 2,000.00	\$ 8,000.00	\$ 2,000.00	\$ 8,000.00	\$ 1,850.00	\$ 7,400.00	\$ 2,000.00	\$ 8,000.00
13	3317000000-N	862	Guardrail Anchor Unit, Type B-77	4	Ea.	\$ 1,400.00	\$ 5,600.00	\$ 1,400.00	\$ 5,600.00	\$ 1,500.00	\$ 6,000.00	\$ 1,400.00	\$ 5,600.00
14	3649000000-E	876	Rip Rap, Class B	1	Tons	\$ 200.00	\$ 200.00	\$ 400.00	\$ 400.00	\$ 125.00	\$ 125.00	\$ 100.00	\$ 100.00
15	6000000000-E	1605	Temporary Silt Fence	1900	Lin. Ft.	\$ 2.25	\$ 4,275.00	\$ 2.20	\$ 4,180.00	\$ 4.00	\$ 7,600.00	\$ 1.90	\$ 3,610.00
16	6006000000-E	1610	Stone for Erosion Control, Class A	175	Tons	\$ 5.00	\$ 875.00	\$ 42.00	\$ 7,350.00	\$ 65.00	\$ 11,375.00	\$ 1.00	\$ 175.00
17	6009000000-E	1610	Stone for Erosion Control, Class B	15	Tons	\$ 70.00	\$ 1,050.00	\$ 66.00	\$ 990.00	\$ 75.00	\$ 1,125.00	\$ 50.00	\$ 750.00
18	6012000000-E	1610	Sediment Control Stone	380	Tons	\$ 1.00	\$ 380.00	\$ 32.00	\$ 12,160.00	\$ 45.00	\$ 17,100.00	\$ 25.00	\$ 9,500.00
19	6024000000-E	1622	Temporary Slope Drains	200	Lin. Ft.	\$ 5.00	\$ 1,000.00	\$ 15.00	\$ 3,000.00	\$ 15.00	\$ 3,000.00	\$ 10.00	\$ 2,000.00
20	6027000000-N	1622	Inlet Protection at Temporary Slope Drains	4	Ea.	\$ 100.00	\$ 400.00	\$ 200.00	\$ 800.00	\$ 200.00	\$ 800.00	\$ 150.00	\$ 600.00
21	6029000000-E	SP	Safety Fence	225	Lin. Ft.	\$ 5.00	\$ 1,125.00	\$ 2.20	\$ 495.00	\$ 4.00	\$ 900.00	\$ 1.80	\$ 405.00
22	6030000000-E	1630	Silt Excavation	20	C.Y.	\$ 20.00	\$ 400.00	\$ 60.00	\$ 1,200.00	\$ 35.00	\$ 700.00	\$ 10.00	\$ 200.00
23	6036000000-E	1631	Matting for Erosion Control	45	Sq. Yds.	\$ 5.00	\$ 225.00	\$ 5.00	\$ 225.00	\$ 4.00	\$ 180.00	\$ 3.00	\$ 135.00
24	6042000000-E	1632	1/4" Hardware Cloth	500	Lin. Ft.	\$ 2.50	\$ 1,250.00	\$ 3.80	\$ 1,900.00	\$ 7.00	\$ 3,500.00	\$ 2.20	\$ 1,100.00
25	6070000000-E	SP	Special Stilling Basins	12	Ea.	\$ 50.00	\$ 600.00	\$ 300.00	\$ 3,600.00	\$ 450.00	\$ 5,400.00	\$ 300.00	\$ 3,600.00
26	6071010000-E	SP	Wattle	25	Lin. Ft.	\$ 15.00	\$ 375.00	\$ 50.00	\$ 1,250.00	\$ 15.00	\$ 375.00	\$ 5.50	\$ 137.50
27	6071020000-E	SP	Polycrylamide (PAM)	5	Lbs.	\$ 20.00	\$ 100.00	\$ 50.00	\$ 250.00	\$ 10.00	\$ 50.00	\$ 30.00	\$ 150.00
28	6133000000-N	SP	Generic Erosion Control Item	1	L.S.	\$ 1,000.00	\$ 1,000.00	\$ 9,000.00	\$ 9,000.00	\$ 6,500.00	\$ 6,500.00	\$ 1,500.00	\$ 1,500.00
29	8017000000-N	SP	Const., Maint., & Rem. of Temp Acces	1	L.S.	\$ 43,000.00	\$ 43,000.00	\$ 27,000.00	\$ 27,000.00	\$ 25,000.00	\$ 25,000.00	\$ 80,000.00	\$ 80,000.00
30	8035000000-N	402	Removal Existing Str., Sta 15+78.95	1	L.S.	\$ 25,000.00	\$ 25,000.00	\$ 37,500.00	\$ 37,500.00	\$ 35,000.00	\$ 35,000.00	\$ 35,000.00	\$ 35,000.00
31	8105540000-E	SP	3'-6" Dia Pier in Soil	237	Lin. Ft.	\$ 270.00	\$ 63,990.00	\$ 314.00	\$ 74,418.00	\$ 300.00	\$ 71,100.00	\$ 300.00	\$ 71,100.00
32	8105640000-E	SP	3'-6" Dia Pier Not in Soil	84	Lin. Ft.	\$ 450.00	\$ 37,800.00	\$ 563.00	\$ 47,292.00	\$ 500.00	\$ 42,000.00	\$ 1,150.00	\$ 96,600.00
33	8111400000-E	SP	Perm Steel Casing for 3'-6" Dia Drilled Pier	111	Lin. Ft.	\$ 130.00	\$ 14,430.00	\$ 150.00	\$ 16,650.00	\$ 200.00	\$ 22,200.00	\$ 150.00	\$ 16,650.00
34	8113000000-N	SP	SID Inspection	1	Ea.	\$ 600.00	\$ 600.00	\$ 400.00	\$ 400.00	\$ 2,000.00	\$ 2,000.00	\$ 500.00	\$ 500.00
35	8115000000-N	SP	Crosshole Sonic Logging	1	Ea.	\$ 1,500.00	\$ 1,500.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,500.00	\$ 2,500.00
36	8210000000-N	422	Bridge Apps. Slab, STA 15+78.95	1	L.S.	\$ 33,000.00	\$ 33,000.00	\$ 21,250.00	\$ 21,250.00	\$ 35,000.00	\$ 35,000.00	\$ 35,000.00	\$ 35,000.00
37	8365000000-E	SP	HP 12X53 Galvanized Steel Piles	320	Lin. Ft.	\$ 55.00	\$ 17,600.00	\$ 61.15	\$ 19,568.00	\$ 85.00	\$ 27,200.00	\$ 45.00	\$ 14,400.00
38	8608000000-E	876	Rip Rap Class II (2'-0" Thick)	195	Tons	\$ 0.01	\$ 1.95	\$ 46.15	\$ 8,999.25	\$ 65.00	\$ 12,675.00	\$ 1.00	\$ 195.00
39	8622000000-E	876	Filter Fabric for Drainage	1372	Sq. Yds.	\$ 0.01	\$ 13.72	\$ 2.00	\$ 2,744.00	\$ 4.00	\$ 5,488.00	\$ 1.50	\$ 2,058.00
40	8765000000-N	SP	Construction of Substructure	1	L.S.	\$ 135,000.00	\$ 135,000.00	\$ 95,200.00	\$ 95,200.00	\$ 128,246.80	\$ 128,246.80	\$ 120,000.00	\$ 120,000.00
41	8766000000-N	SP	Construction of Superstructure	1	L.S.	\$ 180,000.00	\$ 180,000.00	\$ 192,500.00	\$ 192,500.00	\$ 226,799.50	\$ 226,799.50	\$ 205,000.00	\$ 205,000.00
			Total				\$ 749,540.67		\$ 852,956.25		\$ 892,760.05		\$ 945,995.00

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County #	63
Bridge#	120
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Engineer's Estimate:	\$1,050,000

Line Item #	Item Number	Section	Item Description	Amount	Payment Type	Unit Price Bid	Carolina Bridge Co.						
1	0000100000-N	800	Mobilization	1	L.S.	\$ 53,563.59	\$ 53,563.59						
2	0248000000-N	SP	Generic Grading Item (Excavation & Embankment)	1	L.S.	\$ 43,527.26	\$ 43,527.26						
3	0366000000-E	310	15" RC Pipe Culvert, Class III	104	Lin. Ft.	\$ 42.42	\$ 4,411.68						
4	1489000000-E	610	Asphalt Concrete Base Course, Type B 25.0 B	250	Tons	\$ 96.55	\$ 24,137.50						
5	1498000000-E		Asphalt Concrete Intermediate Course, Type I 19.0 B	280	Tons	\$ 96.55	\$ 27,034.00						
6	1519000000-E	610	Asphalt Concrete Surface Course, Type S 9.5 B	460	Tons	\$ 96.55	\$ 44,413.00						
7	1560000000-E	620	Asphalt Binder for Plant Mix, PG 64-22	55	Tons	\$ 586.96	\$ 32,282.80						
8	2286000000-N	840	Masonry Drainage Structure	2	Ea.	\$ 1,469.11	\$ 2,938.22						
9	2367000000-N	840	Frame with Two Grates, Std 840.29	2	Ea.	\$ 656.96	\$ 1,313.92						
10	2556000000-E	846	Shoulder Berm Gutter	80	Lin. Ft.	\$ 37.04	\$ 2,963.20						
11	3030000000-E	862	Steel BM Guardrail	25	Lin. Ft.	\$ 20.73	\$ 518.25						
12	3270000000-N	SP	Guardrail Anchor Unit, Type 350	4	Ea.	\$ 1,917.19	\$ 7,668.76						
13	3317000000-N	862	Guardrail Anchor Unit, Type B-77	4	Ea.	\$ 1,554.48	\$ 6,217.92						
14	3649000000-E	876	Rip Rap, Class B	1	Tons	\$ 801.07	\$ 801.07						
15	6000000000-E	1605	Temporary Silt Fence	1900	Lin. Ft.	\$ 2.23	\$ 4,237.00						
16	6006000000-E	1610	Stone for Erosion Control, Class A	175	Tons	\$ 98.49	\$ 17,235.75						
17	6009000000-E	1610	Stone for Erosion Control, Class B	15	Tons	\$ 96.91	\$ 1,453.65						
18	6012000000-E	1610	Sediment Control Stone	380	Tons	\$ 73.26	\$ 27,838.80						
19	6024000000-E	1622	Temporary Slope Drains	200	Lin. Ft.	\$ 31.41	\$ 6,282.00						
20	6027000000-N	1622	Inlet Protection at Temporary Slope Drains	4	Ea.	\$ 119.07	\$ 476.28						
21	6029000000-E	SP	Safety Fence	225	Lin. Ft.	\$ 2.23	\$ 501.75						
22	6029000000-E	1630	Silt Excavation	20	C.Y.	\$ 12.31	\$ 246.20						
23	6036000000-E	1631	Matting for Erosion Control	45	Sq. Yds.	\$ 30.43	\$ 1,369.35						
24	6042000000-E	1632	1/4" Hardware Cloth	500	Lin. Ft.	\$ 10.14	\$ 5,070.00						
25	6070000000-E	SP	Special tilling Basins	12	Ea.	\$ 1,408.30	\$ 16,899.60						
26	6071010000-E	SP	Wattle	25	Lin. Ft.	\$ 50.72	\$ 1,268.00						
27	6071020000-E	SP	Polycrylamide (PAM)	5	Lbs.	\$ 50.72	\$ 253.60						
28	6133000000-N	SP	Generic Erosion Control Item	1	L.S.	\$ 10,550.00	\$ 10,550.00						
29	8017000000-N	SP	Const., Maint., & Rem. of Temp Acces	1	L.S.	\$ 16,043.73	\$ 16,043.73						
30	8035000000-N	402	Removal Existing Str., Sta 15+78.95	1	L.S.	\$ 20,200.50	\$ 20,200.50						
31	8105540000-E	SP	3'-6" Dia Pier in Soil	237	Lin. Ft.	\$ 693.99	\$ 164,475.63						
32	8105640000-E	SP	3'-6" Dia Pier Not in Soil	84	Lin. Ft.	\$ 694.00	\$ 58,296.00						
33	8111400000-E	SP	Perm Steel Casing for 3'-6" Dia Drilled Pier	111	Lin. Ft.	\$ 210.97	\$ 23,417.67						
34	8113000000-E	SP	SID Inspection	1	Ea.	\$ 1,582.67	\$ 1,582.67						
35	8115000000-E	SP	Crosshole Sonic Logging	1	Ea.	\$ 1,622.01	\$ 1,622.01						
36	8210000000-N	422	Bridge Apps. Slab, STA 15+78.95	1	L.S.	\$ 25,538.29	\$ 25,538.29						
37	8365000000-E	450	HP 12X53 Galvanized Steel Piles	320	Lin. Ft.	\$ 88.47	\$ 28,310.40						
38	8608000000-E	876	Rip Rap Class II (2'-0" Thick)	195	Tons	\$ 75.59	\$ 14,740.05						
39	8622000000-E	876	Filter Fabric for Drainage	1372	Sq. Yds.	\$ 2.50	\$ 3,430.00						
40	8765000000-N	SP	Construction of Substructure	1	L.S.	\$ 155,833.39	\$ 155,833.39						
41	8766000000-N	SP	Construction of Superstructure	1	L.S.	\$ 222,308.38	\$ 222,308.38						
							Total	\$ 1,081,271.87					