

Purchase Order Contract Bridge Replacement

DATE: 09-23-2010

County	Cabarrus
County #	12
Bridge#	90
Project#	B-4051 / DO00072
Engineer's Estimate:	\$430,000

ROUTE : SR-2408

DESCRIPTION: Bridge with one span @ 85' Box Beam on steel Pile Foundation, 120 degree Skew Angle and 29'-10" clear rdwy. width

Line Item #	Item Number	Section	Item Description	Amount	Payment Type	Unit Price Bid	TCB Builders	Unit	Davie Grading	Unit	Dane	Unit	Apple Tuck &
							LLC	Price Bid	Inc	Price Bid	Constr.	Price Bid	Associates
1	0000100000-N	800	Mobilization	1	L.S.	\$ 18,250.00	\$ 18,250.00	\$ 17,000.00	\$ 17,000.00	\$ 19,950.00	\$ 19,950.00	\$ 15,000.00	\$ 15,000.00
2	0030000000-E	SP	Bridge Approach Fill- Sub Regional Tier, Sta. 23+14.94	1	L.S.	\$ 3,500.00	\$ 3,500.00	\$ 4,000.00	\$ 4,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
3	0248000000-N	SP	Generic Grading Item (Excavation & Embankment)	1	L.S.	\$ 21,770.00	\$ 21,770.00	\$ 20,000.00	\$ 20,000.00	\$ 28,175.00	\$ 28,175.00	\$ 40,000.00	\$ 40,000.00
4	0318000000-E	SP	Foundation Conditioning Mat'l	10	Tons	\$ 25.00	\$ 250.00	\$ 30.00	\$ 300.00	\$ 10.00	\$ 100.00	\$ 50.00	\$ 500.00
5	0582000000-E	310	15" CS Pipe Culverts,0.064" Thick	40	Lin. Ft.	\$ 21.00	\$ 840.00	\$ 30.00	\$ 1,200.00	\$ 25.00	\$ 1,000.00	\$ 30.00	\$ 1,200.00
6	1220000000-E	545	Incidental Stone Base	50	Tons	\$ 24.00	\$ 1,200.00	\$ 25.00	\$ 1,250.00	\$ 12.00	\$ 600.00	\$ 35.00	\$ 1,750.00
7	1489000000-E	610	Asphalt Concrete Base Course, Type B 25.0 B	150	Tons	\$ 64.25	\$ 9,637.50	\$ 65.00	\$ 9,750.00	\$ 64.25	\$ 9,637.50	\$ 64.25	\$ 9,637.50
8	1519000000-E	610	Asphalt Concrete Surface Course, Type S 9.5 B	200	Tons	\$ 59.05	\$ 11,810.00	\$ 60.00	\$ 12,000.00	\$ 59.05	\$ 11,810.00	\$ 59.05	\$ 11,810.00
9	1560000000-E	620	Asphalt Binder for Plant Mix, PG 64-22	20	Tons	\$ 545.00	\$ 10,900.00	\$ 550.00	\$ 11,000.00	\$ 545.00	\$ 10,900.00	\$ 545.00	\$ 10,900.00
10	2286000000-N	840	Masonry Drainage Structure	2	Ea.	\$ 800.00	\$ 1,600.00	\$ 1,000.00	\$ 2,000.00	\$ 1,350.00	\$ 2,700.00	\$ 2,400.00	\$ 4,800.00
11	2355000000-N	840	Frame with Two Grates, Std 840.29	2	Ea.	\$ 270.00	\$ 540.00	\$ 450.00	\$ 900.00	\$ 500.00	\$ 1,000.00	\$ 750.00	\$ 1,500.00
12	2556000000-E	846	Shoulder Berm Gutter	90	Lin. Ft.	\$ 11.00	\$ 990.00	\$ 40.00	\$ 3,600.00	\$ 30.00	\$ 2,700.00	\$ 50.00	\$ 4,500.00
13	3270000000-N	SP	Guardrail Anchor Unit, Type 350	4	Ea.	\$ 1,900.00	\$ 7,600.00	\$ 1,900.00	\$ 7,600.00	\$ 1,850.00	\$ 7,400.00	\$ 1,900.00	\$ 7,600.00
14	3317000000-N	862	Guardrail Anchor Unit, Type B-77	4	Ea.	\$ 1,450.00	\$ 5,800.00	\$ 1,450.00	\$ 5,800.00	\$ 1,500.00	\$ 6,000.00	\$ 1,450.00	\$ 5,800.00
15	6000000000-E	1605	Temporary Silt Fence	800	Lin. Ft.	\$ 2.00	\$ 1,600.00	\$ 2.50	\$ 2,000.00	\$ 2.50	\$ 2,000.00	\$ 2.50	\$ 2,000.00
16	6009000000-E	1610	Stone for Erosion Control, Class B	150	Tons	\$ 30.00	\$ 4,500.00	\$ 28.00	\$ 4,200.00	\$ 15.00	\$ 2,250.00	\$ 50.00	\$ 7,500.00
17	6012000000-E	1610	Sediment Control Stone	100	Tons	\$ 27.00	\$ 2,700.00	\$ 28.00	\$ 2,800.00	\$ 15.00	\$ 1,500.00	\$ 35.00	\$ 3,500.00
18	6030000000-E	1630	Silt Excavation	100	C.Y.	\$ 4.00	\$ 400.00	\$ 6.00	\$ 600.00	\$ 1.00	\$ 100.00	\$ 1.00	\$ 100.00
19	6036000000-E	1631	Matting for Erosion Control	500	Lin. Ft.	\$ 1.25	\$ 625.00	\$ 2.00	\$ 1,000.00	\$ 2.75	\$ 1,375.00	\$ 2.00	\$ 1,000.00
20	6042000000-E	1632	1/4" Hardware Cloth	100	Lin. Ft.	\$ 4.00	\$ 400.00	\$ 5.00	\$ 500.00	\$ 4.00	\$ 400.00	\$ 4.00	\$ 400.00
21	6037000000-E	SP	Coir Fiber Mat	500	S.Y.	\$ 2.00	\$ 1,000.00	\$ 5.00	\$ 2,500.00	\$ 6.50	\$ 3,250.00	\$ 5.00	\$ 2,500.00
22	8035000000-N	402	Removal Existing Structures	1	L.S.	\$ 32,130.00	\$ 32,130.00	\$ 15,000.00	\$ 15,000.00	\$ 12,500.00	\$ 12,500.00	\$ 20,000.00	\$ 20,000.00
23	8210000000-N	422	Bridge Apps. Slab, STA 26+47.12	1	L.S.	\$ 10,484.00	\$ 10,484.00	\$ 17,500.00	\$ 17,500.00	\$ 11,200.00	\$ 11,200.00	\$ 20,000.00	\$ 20,000.00
24	8365000000-E	450	HP 12X53 Galvanized Steel Piles	200	Lin. Ft.	\$ 70.00	\$ 14,000.00	\$ 60.00	\$ 12,000.00	\$ 86.00	\$ 17,200.00	\$ 43.00	\$ 8,600.00
25	8391000000-N	450	Steel Pile Points	20	Ea.	\$ 76.00	\$ 1,520.00	\$ 150.00	\$ 3,000.00	\$ 190.00	\$ 3,800.00	\$ 400.00	\$ 8,000.00
26	8594000000-E	876	Rip Rap, Class B	10	Tons	\$ 41.00	\$ 410.00	\$ 50.00	\$ 500.00	\$ 51.00	\$ 510.00	\$ 50.00	\$ 500.00
27	8608000000-E	876	Rip Rap Class II (2'-0" Thick)	170	Tons	\$ 46.00	\$ 7,820.00	\$ 35.00	\$ 5,950.00	\$ 47.00	\$ 7,990.00	\$ 50.00	\$ 8,500.00
28	8622000000-E	876	Filter Fabric for Drainage	300	Sq. Yds.	\$ 1.40	\$ 420.00	\$ 2.00	\$ 600.00	\$ 2.45	\$ 735.00	\$ 2.00	\$ 600.00
29	8765000000-N	SP	Construction of Substructure	1	L.S.	\$ 31,155.00	\$ 31,155.00	\$ 26,670.00	\$ 26,670.00	\$ 65,000.00	\$ 65,000.00	\$ 30,000.00	\$ 30,000.00
30	8766000000-N	SP	Construction of Superstructure	1	L.S.	\$ 164,630.00	\$ 164,630.00	\$ 183,300.00	\$ 183,300.00	\$ 162,490.00	\$ 162,490.00	\$ 180,000.00	\$ 180,000.00
Total							\$ 368,481.50		\$ 374,520.00		\$ 399,272.50		\$ 413,197.50

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DESCRIPTION: Bridge with one span @ 85' Box Beam on steel Pile Foundation, 120 degree Skew Angle and 29'-10" clear rdwy. width

Line Item #	Item Number	Section	Item Description	Amount	Payment Type	Unit Price Bid	Blythe Develop. Co.	Unit Price Bid	Smith-Rowe Inc.			
1	0000100000-N	800	Mobilization	1	L.S.	\$ 22,000.00	\$ 22,000.00	\$ 22,500.00	\$ 22,500.00			
2	0030000000-E	SP	Bridge Approach Fill- Sub Regional Tier, Sta. 23+14.94	1	L.S.	\$ 7,800.00	\$ 7,800.00	\$ 5,150.00	\$ 5,150.00			
3	0248000000-N	SP	Generic Grading Item (Excavation & Embankment)	1	L.S.	\$ 64,000.00	\$ 64,000.00	\$ 18,000.00	\$ 18,000.00			
4	0318000000-E	414	Foundation Conditioning Mat'l	10	Tons	\$ 30.00	\$ 300.00	\$ 50.00	\$ 500.00			
5	0582000000-E	310	15" CS Pipe Culverts,0.064" Thick	40	Lin. Ft.	\$ 30.00	\$ 1,200.00	\$ 45.00	\$ 1,800.00			
6	1220000000-E	545	Incidental Stone Base	50	Tons	\$ 24.00	\$ 1,200.00	\$ 40.00	\$ 2,000.00			
7	1489000000-E	610	Asphalt Concrete Base Course, Type B 25.0 B	150	Tons	\$ 62.00	\$ 9,300.00	\$ 66.25	\$ 9,937.50			
8	1519000000-E	610	Asphalt Concrete Surface Course, Type S 9.5 B	200	Tons	\$ 60.00	\$ 12,000.00	\$ 61.05	\$ 12,210.00			
9	1560000000-E	620	Asphalt Binder for Plant Mix, PG 64-22	20	Tons	\$ 535.00	\$ 10,700.00	\$ 555.00	\$ 11,100.00			
10	2286000000-N	840	Masonry Drainage Structure	2	Ea.	\$ 1,020.00	\$ 2,040.00	\$ 2,000.00	\$ 4,000.00			
11	2355000000-N	840	Frame with Two Grates, Std 840.29	2	Ea.	\$ 460.00	\$ 920.00	\$ 750.00	\$ 1,500.00			
12	2556000000-E	846	Shoulder Berm Gutter	90	Lin. Ft.	\$ 12.90	\$ 1,161.00	\$ 60.00	\$ 5,400.00			
13	3270000000-N	SP	Guardrail Anchor Unit, Type 350	4	Ea.	\$ 2,300.00	\$ 9,200.00	\$ 1,900.00	\$ 7,600.00			
14	3317000000-N	862	Guardrail Anchor Unit, Type B-77	4	Ea.	\$ 1,800.00	\$ 7,200.00	\$ 1,450.00	\$ 5,800.00			
15	6000000000--E	1605	Temporary Silt Fence	800	Lin. Ft.	\$ 2.00	\$ 1,600.00	\$ 2.50	\$ 2,000.00			
16	6009000000-E	1610	Stone for Erosion Control, Class B	150	Tons	\$ 40.00	\$ 6,000.00	\$ 42.00	\$ 6,300.00			
17	6012000000-E	1610	Sediment Control Stone	100	Tons	\$ 30.00	\$ 3,000.00	\$ 34.00	\$ 3,400.00			
18	6030000000-E	1630	Silt Excavation	100	C.Y.	\$ 4.75	\$ 475.00	\$ 6.00	\$ 600.00			
19	6036000000-E	1631	Matting for Erosion Control	500	Lin. Ft.	\$ 2.00	\$ 1,000.00	\$ 3.00	\$ 1,500.00			
20	6042000000-E	1632	1/4" Hardware Cloth	100	Lin. Ft.	\$ 4.85	\$ 485.00	\$ 4.00	\$ 400.00			
21	6037000000-E	SP	Coir Fiber Mat	500	S.Y.	\$ 4.85	\$ 2,425.00	\$ 8.00	\$ 4,000.00			
22	8035000000-N	402	Removal Existing Structures	1	L.S.	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00			
23	8210000000-N	422	Bridge Apps. Slab, STA 26+47.12	1	L.S.	\$ 17,000.00	\$ 17,000.00	\$ 15,600.00	\$ 15,600.00			
24	8365000000-E	450	HP 12X53 Galvanized Steel Piles	200	Lin. Ft.	\$ 100.00	\$ 20,000.00	\$ 76.80	\$ 15,360.00			
25	8391000000-N	450	Steel Pile Points	20	Ea.	\$ 230.00	\$ 4,600.00	\$ 190.00	\$ 3,800.00			
26	8594000000-E	876	Rip Rap, Class B	10	Tons	\$ 40.00	\$ 400.00	\$ 90.00	\$ 900.00			
27	8608000000-E	876	Rip Rap Class II (2'-0" Thick)	170	Tons	\$ 45.00	\$ 7,650.00	\$ 38.00	\$ 6,460.00			
28	8622000000-E	876	Filter Fabric for Drainage	300	Sq. Yds.	\$ 2.00	\$ 600.00	\$ 2.00	\$ 600.00			
29	8765000000-N	SP	Construction of Substructure	1	L.S.	\$ 20,000.00	\$ 20,000.00	\$ 26,100.00	\$ 26,100.00			
30	8766000000-N	SP	Construction of Superstructure	1	L.S.	\$ 200,000.00	\$ 200,000.00	\$ 242,225.00	\$ 242,225.00			
Total							\$ 449,256.00		\$ 451,742.50			