

Purchase Order Contract Bridge Replacement

DATE: 11-23-2010

County	Iredell
County #	48
Bridge#	350
Project#	BK-5121/ DO00089

ROUTE : SR-2120

DESCRIPTION: 12'-0" X 9'-0" Double Barrel, Cast-in -Place Reinf. Concrete Box Culvert on a 77 degree skew angle .

Line Item #	Item Number	Section	Item Description	Amount	Payment Type	Unit Price Bid	Apple Tuck & Associates	Unit Price Bid	Mountain Creek Contractors	Unit Price Bid	Dane Constr.	Unit Price Bid	Miller Eng. Co.
1	0000100000-N	800	Mobilization	1	L.S.	\$ 15,000.00	\$ 15,000.00	\$ 32,000.00	\$ 32,000.00	\$ 16,900.00	\$ 16,900.00	\$ 15,000.00	\$ 15,000.00
2	0248000000-N	SP	Generic Grading Item (Excavation & Embankment)	1	L.S.	\$ 55,000.00	\$ 55,000.00	\$ 46,980.00	\$ 46,980.00	\$ 63,295.00	\$ 63,295.00	\$ 66,500.00	\$ 66,500.00
3	1220000000-E	545	Incidental Stone Base	25	Tons	\$ 28.25	\$ 706.25	\$ 45.00	\$ 1,125.00	\$ 30.00	\$ 750.00	\$ 30.00	\$ 750.00
4	1489000000-E	610	Asphalt Concrete Base	325	Tons	\$ 52.00	\$ 16,900.00	\$ 60.00	\$ 19,500.00	\$ 56.00	\$ 18,200.00	\$ 58.00	\$ 18,850.00
5	1498000000-E	610	Course, Type B 25.0 B										
6	1519000000-E	610	Asphalt Concrete Intermediate	180	Tons	\$ 55.00	\$ 9,900.00	\$ 63.00	\$ 11,340.00	\$ 62.11	\$ 11,179.80	\$ 64.25	\$ 11,565.00
7	1560000000-E	620	Course, Type I 19.0 B										
8	3030000000-E	862	Asphalt Concrete Surface	250	Tons	\$ 55.00	\$ 13,750.00	\$ 80.00	\$ 20,000.00	\$ 75.38	\$ 18,845.00	\$ 77.50	\$ 19,375.00
9	3150000000-N	862	Course, Type S 9.5 B										
10	3270000000-N	SP	Asphalt Binder for Plant Mix, PG 64-22	38	Tons	\$ 550.00	\$ 20,900.00	\$ 550.00	\$ 20,900.00	\$ 518.06	\$ 19,686.28	\$ 520.00	\$ 19,760.00
11	3656000000-E	876	Steel BM Guardrail	625	Lin. Ft.	\$ 14.35	\$ 8,968.75	\$ 15.00	\$ 9,375.00	\$ 14.35	\$ 8,968.75	\$ 16.50	\$ 10,312.50
12	6000000000-E	1605	Additional Guardrail Posts	5	Ea.	\$ 10.00	\$ 50.00	\$ 25.00	\$ 125.00	\$ 25.00	\$ 125.00	\$ 8.00	\$ 40.00
13	6006000000-E	1610	Guardrail Anchor Unit, Type 350	4	Ea.	\$ 1,800.00	\$ 7,200.00	\$ 1,800.00	\$ 7,200.00	\$ 1,800.00	\$ 7,200.00	\$ 1,750.00	\$ 7,000.00
14	6009000000-E	1610	Filter Fabric for Drainage	580	Sq. Yds.	\$ 2.00	\$ 1,160.00	\$ 6.00	\$ 3,480.00	\$ 2.25	\$ 1,305.00	\$ 3.00	\$ 1,740.00
15	6012000000-E	1610	Temporary Silt Fence	275	Lin. Ft.	\$ 3.00	\$ 825.00	\$ 2.50	\$ 687.50	\$ 3.00	\$ 825.00	\$ 5.00	\$ 1,375.00
16	6024000000-E	1622	Stone for Erosion Control, Class A	175	Tons	\$ 34.00	\$ 5,950.00	\$ 25.00	\$ 4,375.00	\$ 28.00	\$ 4,900.00	\$ 32.00	\$ 5,600.00
17	6027000000-N	1622	Stone for Erosion Control, Class B	200	Tons	\$ 36.00	\$ 7,200.00	\$ 30.00	\$ 6,000.00	\$ 28.00	\$ 5,600.00	\$ 32.00	\$ 6,400.00
18	6029000000-E	SP	Sediment Control Stone	185	Tons	\$ 32.00	\$ 5,920.00	\$ 25.00	\$ 4,625.00	\$ 28.00	\$ 5,180.00	\$ 32.00	\$ 5,920.00
19	6030000000-E	1630	Temporary Slope Drains	200	Lin. Ft.	\$ 10.00	\$ 2,000.00	\$ 20.00	\$ 4,000.00	\$ 15.00	\$ 3,000.00	\$ 9.00	\$ 1,800.00
20	6036000000-E	SP	Inlet Protection at Temporary Slope Drains	4	Ea.	\$ 150.00	\$ 600.00	\$ 100.00	\$ 400.00	\$ 350.00	\$ 1,400.00	\$ 200.00	\$ 800.00
21	6037000000-E	SP	Safety Fence	450	Lin. Ft.	\$ 1.50	\$ 675.00	\$ 2.00	\$ 900.00	\$ 2.50	\$ 1,125.00	\$ 3.00	\$ 1,350.00
22	6071010000-E	SP	Silt Excavation	330	C.Y.	\$ 1.00	\$ 330.00	\$ 5.00	\$ 1,650.00	\$ 7.50	\$ 2,475.00	\$ 7.00	\$ 2,310.00
23	6071020000-E	SP	Matting for Erosion Control	50	Sq. Yds.	\$ 2.50	\$ 125.00	\$ 10.00	\$ 500.00	\$ 5.00	\$ 250.00	\$ 2.50	\$ 125.00
24	6111000000-E	SP	Coir Fiber Mat	50	Sq. Yds.	\$ 10.00	\$ 500.00	\$ 5.00	\$ 250.00	\$ 8.50	\$ 425.00	\$ 9.00	\$ 450.00
25	6133000000-E	SP	Wattle	125	Lin. Ft.	\$ 8.00	\$ 1,000.00	\$ 15.00	\$ 1,875.00	\$ 7.50	\$ 937.50	\$ 10.00	\$ 1,250.00
26	6070000000-E	SP	Polyacrylamide (PAM)	50	Lb.	\$ 20.00	\$ 1,000.00	\$ 7.00	\$ 350.00	\$ 8.50	\$ 425.00	\$ 15.00	\$ 750.00
27	8035000000-N	402	Impervious Dike	325	Lin. Ft.	\$ 20.00	\$ 6,500.00	\$ 15.00	\$ 4,875.00	\$ 14.50	\$ 4,712.50	\$ 50.00	\$ 16,250.00
28	8133000000-E	SP	Generic Erosion Control Item	1	Ea.	\$ 3,500.00	\$ 3,500.00	\$ 5,000.00	\$ 5,000.00	\$ 5,500.00	\$ 5,500.00	\$ 7,000.00	\$ 7,000.00
29	8196020000-E	420	Special Stilling Basins	5	Ea.	\$ 150.00	\$ 750.00	\$ 100.00	\$ 500.00	\$ 450.00	\$ 2,250.00	\$ 1,000.00	\$ 5,000.00
30	8245000000-E	425	Removal Existing Structure	1	L.S.	\$ 12,500.00	\$ 12,500.00	\$ 10,729.00	\$ 10,729.00	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00
31	8608000000-E	876	Foundation Conditioning Mat'l	117	Tons	\$ 50.00	\$ 5,850.00	\$ 35.00	\$ 4,095.00	\$ 38.45	\$ 4,498.65	\$ 35.00	\$ 4,095.00
32	8594000000-E	876	Class "A" Concrete (CVT)	261	C.Y.	\$ 300.00	\$ 78,300.00	\$ 287.72	\$ 75,094.92	\$ 320.00	\$ 83,520.00	\$ 375.00	\$ 97,875.00
			Reinforcing Steel(CVT)	35400	Lb.	\$ 1.00	\$ 35,400.00	\$ 1.00	\$ 35,400.00	\$ 0.85	\$ 30,090.00	\$ 0.80	\$ 28,320.00
			Rip Rap Class II (2'-0" Thick)	50	Tons	\$ 50.00	\$ 2,500.00	\$ 40.00	\$ 2,000.00	\$ 32.00	\$ 1,600.00	\$ 50.00	\$ 2,500.00
			Rip Rap Class B	40	Tons	\$ 36.00	\$ 1,440.00	\$ 40.00	\$ 1,600.00	\$ 32.00	\$ 1,280.00	\$ 40.00	\$ 1,600.00
							\$ -		\$ -		\$ -		\$ -
			<b>Total</b>				\$ 322,400.00		\$ 336,931.42		\$ 338,448.48		\$ 373,662.50

*Purchase Order Contract Bridge Replacement*

<b>DATE:</b>	<b>10-14-2010</b>
<b>County</b>	Iredell
<b>County #</b>	48
<b>Bridge#</b>	350
<b>Project#</b>	BK-5121/ DO00089

ROUTE : SR-2120

**DESCRIPTION:** 12'-0" X 9'-0" Double Barrel, Cast-in -Place Reinf. Concrete Box Culvert on a 77 degree skew angle .

Line Item #	Item Number	Section	Item Description	Amount	Payment Type	Unit Price Bid	Blythe Develop. Co.	Unit Price Bid	R. E. Burns & Contractors	Unit Price Bid	J. R. Vannoy Constr.		
1	0000100000-N	800	Mobilization	1	L.S.	\$ 20,000.00	\$ 20,000.00	\$ 45,000.00	\$ 45,000.00	\$ 43,162.00	\$ 43,162.00		
2	0248000000-N	SP	Generic Grading Item (Excavation & Embankment)	1	L.S.	\$ 66,000.00	\$ 66,000.00	\$ 72,000.00	\$ 72,000.00	\$ 86,312.00	\$ 86,312.00		
3	1220000000-E	545	Incidental Stone Base	25	Tons	\$ 24.00	\$ 600.00	\$ 18.00	\$ 450.00	\$ 24.00	\$ 600.00		
4	1489000000-E	610	Asphalt Concrete Base	325	Tons	\$ 60.00	\$ 19,500.00	\$ 58.00	\$ 18,850.00	\$ 90.77	\$ 29,500.25		
5			Course, Type B 25.0 B				\$ -		\$ -		\$ -		
6	1498000000-E	610	Asphalt Concrete Intermediate	180	Tons	\$ 70.00	\$ 12,600.00	\$ 65.50	\$ 11,790.00	\$ 90.77	\$ 16,338.60		
			Course, Type I 19.0 B				\$ -		\$ -		\$ -		
7	1519000000-E	610	Asphalt Concrete Surface	250	Tons	\$ 80.00	\$ 20,000.00	\$ 79.00	\$ 19,750.00	\$ 90.77	\$ 22,692.50		
			Course, Type S 9.5 B				\$ -		\$ -		\$ -		
8	1560000000-E	620	Asphalt Binder for Plant Mix, PG 64-22	38	Tons	\$ 550.00	\$ 20,900.00	\$ 520.00	\$ 19,760.00	\$ 564.39	\$ 21,446.82		
9	3030000000-E	862	Steel BM Guardrail	625	Lin. Ft.	\$ 16.00	\$ 10,000.00	\$ 14.35	\$ 8,968.75	\$ 19.20	\$ 12,000.00		
10	3150000000-N	862	Additional Guardrail Posts	5	Ea.	\$ 28.00	\$ 140.00	\$ 25.00	\$ 125.00	\$ 9.31	\$ 46.55		
11	3270000000-N	SP	Guardrail Anchor Unit, Type 350	4	Ea.	\$ 2,000.00	\$ 8,000.00	\$ 1,800.00	\$ 7,200.00	\$ 2,036.48	\$ 8,145.92		
12	3656000000-E	876	Filter Fabric for Drainage	580	Sq. Yds.	\$ 1.20	\$ 696.00	\$ 1.00	\$ 580.00	\$ 2.62	\$ 1,519.60		
13	6000000000-E	1605	Temporary Silt Fence	275	Lin. Ft.	\$ 3.30	\$ 907.50	\$ 3.00	\$ 825.00	\$ 2.91	\$ 800.25		
14	6006000000-E	1610	Stone for Erosion Control, Class A	175	Tons	\$ 40.00	\$ 7,000.00	\$ 28.00	\$ 4,900.00	\$ 35.08	\$ 6,139.00		
15	6009000000-E	1610	Stone for Erosion Control, Class B	200	Tons	\$ 42.00	\$ 8,400.00	\$ 34.00	\$ 6,800.00	\$ 36.44	\$ 7,288.00		
16	6012000000-E	1610	Sediment Control Stone	185	Tons	\$ 30.00	\$ 5,550.00	\$ 32.00	\$ 5,920.00	\$ 34.66	\$ 6,412.10		
17	6024000000-E	1622	Temporary Slope Drains	200	Lin. Ft.	\$ 10.00	\$ 2,000.00	\$ 2.00	\$ 400.00	\$ 11.51	\$ 2,302.00		
18	6027000000-N	1622	Inlet Protection at Temporary Slope Drains	4	Ea.	\$ 160.00	\$ 640.00	\$ 50.00	\$ 200.00	\$ 426.60	\$ 1,706.40		
19	6029000000-E	SP	Safety Fence	450	Lin. Ft.	\$ 2.80	\$ 1,260.00	\$ 2.50	\$ 1,125.00	\$ 2.15	\$ 967.50		
20	6030000000-E	1630	Silt Excavation	330	C.Y.	\$ 5.00	\$ 1,650.00	\$ 5.00	\$ 1,650.00	\$ 5.13	\$ 1,692.90		
21	6036000000-E	SP	Matting for Erosion Control	50	Sq. Yds.	\$ 3.30	\$ 165.00	\$ 8.00	\$ 400.00	\$ 3.49	\$ 174.50		
22	6037000000-E	SP	Coir Fiber Mat	50	Sq. Yds.	\$ 11.00	\$ 550.00	\$ 10.00	\$ 500.00	\$ 6.98	\$ 349.00		
23	6071010000-E	SP	Wattle	125	Lin. Ft.	\$ 6.00	\$ 750.00	\$ 10.00	\$ 1,250.00	\$ 14.55	\$ 1,818.75		
24	6071020000-E	SP	Polyacrylamide (PAM)	50	Lb.	\$ 28.00	\$ 1,400.00	\$ 15.00	\$ 750.00	\$ 13.38	\$ 669.00		
25	6111000000-E	SP	Impervious Dike	325	Lin. Ft.	\$ 42.00	\$ 13,650.00	\$ 10.00	\$ 3,250.00	\$ 33.02	\$ 10,731.50		
26	6133000000-E	SP	Generic Erosion Control Item	1	Ea.	\$ 16,500.00	\$ 16,500.00	\$ 5,000.00	\$ 5,000.00	\$ 4,247.51	\$ 4,247.51		
27	6070000000-E	SP	Special Stilling Basins	5	Ea.	\$ 345.00	\$ 1,725.00	\$ 200.00	\$ 1,000.00	\$ 234.70	\$ 1,173.50		
28	8035000000-N	402	Removal Existing Structure	1	L.S.	\$ 16,000.00	\$ 16,000.00	\$ 22,350.00	\$ 22,350.00	\$ 7,545.33	\$ 7,545.33		
29	8133000000-E	SP	Foundation Conditioning Mat'l	117	Tons	\$ 30.00	\$ 3,510.00	\$ 43.00	\$ 5,031.00	\$ 42.44	\$ 4,965.48		
30	8196020000-E	420	Class "A" Concrete (CVT)	261	C.Y.	\$ 335.00	\$ 87,435.00	\$ 438.00	\$ 114,318.00	\$ 380.52	\$ 99,315.72		
31	8245000000-E	425	Reinforcing Steel(CVT)	35400	Lb.	\$ 0.80	\$ 28,320.00	\$ 1.25	\$ 44,250.00	\$ 0.71	\$ 25,134.00		
32	8608000000-E	876	Rip Rap Class II (2'-0" Thick)	50	Tons	\$ 45.00	\$ 2,250.00	\$ 50.00	\$ 2,500.00	\$ 52.87	\$ 2,643.50		
	8594000000-E	876	Rip Rap Class B	40	Tons	\$ 42.00	\$ 1,680.00	\$ 39.00	\$ 1,560.00	\$ 45.60	\$ 1,824.00		
							\$ -		\$ -		\$ -		
			<b>Total</b>				\$ 379,778.50		\$ 428,452.75		\$ 429,664.18		