

## Bid Opening Record



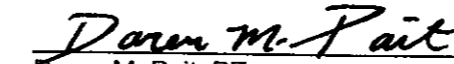
Project Name	Naked Creek Stream Restoration
SCO #	040619201
Designer	Kimley-Horn and Associates, Inc.
Person Administering Bid Opening	Andrew Kiley
Date	Friday, October 27, 2006
Time	3:00 PM
Location	NCEEP Large Conference Room

Contractor Name	Contractor License #	Form of Proposal & Signature	Addenda checked	Form of Bid Bond	Bid Bond Amount > 5%	MBE Documentation	Base Bid
Shamrock Environmental Corp.	47513	Yes	Yes, #1	Yes	5%	Yes	\$ 495,642.00
Fluvial Solutions, Inc.	56327	Yes	Yes, #1	Yes	5%	Yes	\$ 348,717.08
L-J Inc.	5467	Yes	Yes, #1	Yes	5%	Yes	\$ 545,109.60
Carolina Environmental Contracting Inc.	61078	Yes	Yes, #1	Yes	5%	Yes	\$ 498,495.90
CC Mangum Company LLC	43848	Yes	Yes, #1	Yes	5%	Yes	\$ 804,589.80

**Project Description:**

2,600 linear feet of natural stream restoration, including stream channel relocation, grading existing stream banks, and installation of root wads, log vanes, rock vanes, A-vanes, rock cross vanes, and erosion control matting.

I certify the above bids

  
 Daren M. Pait, PE  
 Kimley-Horn and Associates, Inc.



Opinion of Probable Construction Cost  
 NAKED CREEK STREAM RESTORATION  
 (ID NO. 040619201)  
 WILKES COUNTY, NC

Pay Item Number	Special Provision or NCDOT Standard Specification Section Number	Description	Unit	Estimated Quantity	Engineers Opinion of Cost		Shamrock		Fluvial Solutions		L-J Inc.		Carolina Environmental Contracting		CC Mangum Company LLC		Bid Extended Total Statistics		
					Unit Bid Price	Extended Total	Unit Bid Price	Extended Total	Unit Bid Price	Extended Total	Unit Bid Price	Extended Total	Unit Bid Price	Extended Total	Unit Bid Price	Extended Total	Minimum	Maximum	Average
1	SP2.00	Surveys and Layout	LS	1	\$ 24,000.00	\$ 24,000.00	\$ -	\$ 26,225.00	\$ 13,500.00	\$ 13,500.00	\$ 36,000.00	\$ 36,000.00	\$ 30,200.00	\$ 30,200.00	\$ 23,400.00	\$ 23,400.00	\$ 13,500.00	\$ 36,000.00	\$ 25,865.00
2	SP4.00	Grading	LS	1	\$ 55,000.00	\$ 55,000.00	\$ -	\$ 60,614.00	\$ 68,500.00	\$ 68,500.00	\$ 100,000.00	\$ 100,000.00	\$ 111,430.00	\$ 111,430.00	\$ 393,181.00	\$ 393,181.00	\$ 60,614.00	\$ 393,181.00	\$ 146,745.00
3	SP5.01	Rock Cross Vanes	EA	25	\$ 3,000.00	\$ 75,000.00	\$ 4,225.00	\$ 105,625.00	\$ 1,850.00	\$ 46,250.00	\$ 2,650.00	\$ 66,250.00	\$ 3,680.00	\$ 92,000.00	\$ 4,000.00	\$ 100,000.00	\$ 46,250.00	\$ 105,625.00	\$ 82,025.00
4	SP5.02	A-Vanes	EA	5	\$ 4,000.00	\$ 20,000.00	\$ 4,922.00	\$ 24,610.00	\$ 2,300.00	\$ 11,500.00	\$ 2,900.00	\$ 14,500.00	\$ 4,610.00	\$ 23,050.00	\$ 4,500.00	\$ 22,500.00	\$ 11,500.00	\$ 24,610.00	\$ 18,232.00
5	SP5.03	Log Vane Structure	EA	14	\$ 650.00	\$ 9,100.00	\$ 1,198.00	\$ 16,772.00	\$ 375.00	\$ 5,250.00	\$ 575.00	\$ 8,050.00	\$ 300.00	\$ 4,200.00	\$ 500.00	\$ 7,000.00	\$ 4,200.00	\$ 16,772.00	\$ 8,254.40
6	SP5.04	Root Wads	EA	44	\$ 500.00	\$ 22,000.00	\$ 623.00	\$ 23,012.00	\$ 275.00	\$ 12,100.00	\$ 350.00	\$ 15,400.00	\$ 245.00	\$ 10,780.00	\$ 500.00	\$ 22,000.00	\$ 10,780.00	\$ 23,012.00	\$ 16,658.40
7	SP5.05	Misc. Boulders	Ton	30	\$ 65.00	\$ 1,950.00	\$ 79.00	\$ 2,370.00	\$ 70.00	\$ 2,100.00	\$ 60.00	\$ 1,800.00	\$ 87.00	\$ 2,610.00	\$ 85.00	\$ 2,550.00	\$ 1,800.00	\$ 2,610.00	\$ 2,288.00
8	876	Misc. Class II Rip Rap	Ton	75	\$ 50.00	\$ 3,750.00	\$ 49.00	\$ 3,675.00	\$ 52.00	\$ 3,900.00	\$ 60.00	\$ 4,500.00	\$ 35.00	\$ 2,625.00	\$ 50.00	\$ 3,750.00	\$ 2,625.00	\$ 4,500.00	\$ 3,690.00
9	876	Misc. Class I Rip Rap	Ton	105	\$ 50.00	\$ 5,250.00	\$ 46.00	\$ 4,830.00	\$ 46.00	\$ 4,800.00 <sup>1</sup>	\$ 60.00	\$ 6,300.00	\$ 35.00	\$ 3,675.00	\$ 50.00	\$ 5,250.00	\$ 3,675.00	\$ 6,300.00	\$ 4,931.00
10	876	Misc. Class A Rip Rap	Ton	20	\$ 35.00	\$ 700.00	\$ 56.00	\$ 1,120.00	\$ 35.00	\$ 700.00	\$ 60.00	\$ 1,200.00	\$ 35.00	\$ 700.00	\$ 40.00	\$ 800.00	\$ 700.00	\$ 1,200.00	\$ 904.00
11	876	Misc. Class B Rip Rap	Ton	150	\$ 50.00	\$ 7,500.00	\$ 48.00	\$ 7,200.00	\$ 40.00	\$ 6,000.00	\$ 60.00	\$ 9,000.00	\$ 35.00	\$ 5,250.00	\$ 45.00	\$ 6,750.00	\$ 5,250.00	\$ 9,000.00	\$ 6,840.00
12	876	Filter Fabric for Drainage, Type II	SY	10	\$ 2.65	\$ 26.50	\$ 10.00	\$ 100.00	\$ 2.00	\$ 20.00	\$ 28.00	\$ 280.00	\$ 10.00	\$ 100.00	\$ 5.00	\$ 50.00	\$ 20.00	\$ 200.00	\$ 110.00
13	SP5.06	Storm Drain Outfalls	EA	1	\$ 1,800.00	\$ 1,800.00	\$ 3,866.00	\$ 3,866.00	\$ 1,350.00	\$ 1,350.00	\$ 6,000.00	\$ 6,000.00	\$ 2,500.00	\$ 2,500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 6,000.00	\$ 2,843.20
14	SP6.01	Temporary Rock Silt Check	EA	1	\$ 1,800.00	\$ 1,800.00	\$ 2,629.00	\$ 2,629.00	\$ 200.00	\$ 200.00	\$ 2,000.00	\$ 2,000.00	\$ 850.00	\$ 850.00	\$ 400.00	\$ 400.00	\$ 200.00	\$ 2,629.00	\$ 1,215.80
15	SP6.02	Coir Fiber Matting	SY	3,800	\$ 4.75	\$ 18,050.00	\$ 6.00	\$ 22,800.00	\$ 4.75	\$ 18,050.00	\$ 6.00	\$ 22,800.00	\$ 5.00	\$ 19,000.00	\$ 5.00	\$ 19,000.00	\$ 18,050.00	\$ 22,800.00	\$ 20,330.00
16	SP6.04	Temporary Construction Entrance	EA	1	\$ 2,750.00	\$ 2,750.00	\$ 1,650.00	\$ 1,650.00	\$ 2,450.00	\$ 2,450.00	\$ 2,100.00	\$ 2,100.00	\$ 1,250.00	\$ 1,250.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 2,450.00	\$ 1,730.00
17	SP6.05	Gravel Construction Haul Road	LF	700	\$ 20.00	\$ 14,000.00	\$ 19.00	\$ 13,300.00	\$ 8.50	\$ 5,950.00	\$ 18.00	\$ 12,600.00	\$ 28.80	\$ 18,760.00	\$ 18.00	\$ 11,200.00	\$ 5,950.00	\$ 18,760.00	\$ 12,362.00
18	SP6.06	Pump Around Operation	LS	1	\$ 23,000.00	\$ 23,000.00	\$ -	\$ 13,931.00	\$ 8,000.00	\$ 8,000.00	\$ 20,000.00	\$ 20,000.00	\$ 16,700.00	\$ 16,700.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 20,000.00	\$ 12,726.20
19	SP6.09	Silt Fence	LF	252	\$ 3.00	\$ 756.00	\$ 3.00	\$ 756.00	\$ 1.50	\$ 378.00	\$ 3.50	\$ 882.00	\$ 3.00	\$ 756.00	\$ 5.00	\$ 1,260.00	\$ 378.00	\$ 1,260.00	\$ 806.40
20	SP8.00	Permanent Fencing (3-Strand High Tensile)	LF	5,010	\$ 5.00	\$ 25,050.00	\$ 4.10	\$ 20,541.00	\$ 3.85	\$ 19,288.50	\$ 8.00	\$ 40,080.00	\$ 3.20	\$ 16,032.00	\$ 6.00	\$ 30,060.00	\$ 16,032.00	\$ 40,080.00	\$ 25,200.30
21	SP9.01	Water Facilities	EA	2	\$ 6,200.00	\$ 12,400.00	\$ 9,601.00	\$ 19,202.00	\$ 7,000.00	\$ 14,000.00	\$ 11,500.00	\$ 23,000.00	\$ 11,400.00	\$ 22,800.00	\$ 8,500.00	\$ 17,000.00	\$ 14,000.00	\$ 23,000.00	\$ 19,200.40
22	SP10.00	Culvert / Live Stock Crossings - Double (6' x 3') Box Culverts RCBC	EA	1	\$ 18,000.00	\$ 18,000.00	\$ 24,656.00	\$ 24,656.00	\$ 33,000.00	\$ 33,000.00	\$ 40,000.00	\$ 40,000.00	\$ 29,200.00	\$ 29,200.00	\$ 35,000.00	\$ 35,000.00	\$ 24,656.00	\$ 40,000.00	\$ 32,371.20
23	SP10.01	Type 1 Stream Crossing - Triple (36") CMPs	EA	1	\$ 4,500.00	\$ 4,500.00	\$ 13,406.00	\$ 13,406.00	\$ 6,000.00	\$ 6,000.00	\$ 12,500.00	\$ 12,500.00	\$ 6,740.00	\$ 6,740.00	\$ 13,000.00	\$ 13,000.00	\$ 6,000.00	\$ 13,406.00	\$ 10,329.20
24	SP11.01	Permanent Seeding	LB	110	\$ 145.00	\$ 15,950.00	\$ 180.00	\$ 19,800.00	\$ 65.00	\$ 7,150.00	\$ 175.00	\$ 19,250.00	\$ 160.00	\$ 17,600.00	\$ 80.00	\$ 6,800.00	\$ 6,600.00	\$ 19,800.00	\$ 14,080.00
25	SP11.02	Bare Root Seedlings (Buffer)	EA	2,300	\$ 4.50	\$ 10,350.00	\$ 4.00	\$ 9,200.00	\$ 3.50	\$ 8,050.00	\$ 3.75	\$ 8,625.00	\$ 4.00	\$ 9,200.00	\$ 4.00	\$ 9,200.00	\$ 8,050.00	\$ 9,200.00	\$ 8,855.00
26	SP11.03	Live Staking	EA	5,700	\$ 3.00	\$ 17,100.00	\$ 3.00	\$ 17,100.00	\$ 3.75	\$ 21,375.00	\$ 3.75	\$ 21,375.00	\$ 2.50	\$ 14,250.00	\$ 2.75	\$ 15,675.00	\$ 14,250.00	\$ 21,375.00	\$ 17,955.00
27	SP11.04	Containerized Trees 1-3 gallon	EA	30	\$ 13.00	\$ 390.00	\$ 63.00	\$ 1,890.00	\$ 30.00	\$ 900.00	\$ 52.00	\$ 1,560.00	\$ 50.00	\$ 1,500.00	\$ 25.00	\$ 750.00	\$ 750.00	\$ 1,890.00	\$ 1,320.00
28	1660	Temporary Seeding and Mulching	AC	11.0	\$ 2,000.00	\$ 22,000.00	\$ 1,061.00	\$ 11,671.00	\$ 1,050.00	\$ 11,550.00	\$ 2,100.00	\$ 23,100.00	\$ 1,000.00	\$ 11,000.00	\$ 1,200.00	\$ 13,200.00	\$ 11,000.00	\$ 23,100.00	\$ 14,104.20
					<b>SUBTOTAL</b>	\$ 412,172.60	<b>SUBTOTAL</b>	\$ 472,661.00	<b>SUBTOTAL</b>	\$ 332,111.60	<b>SUBTOTAL</b>	\$ 519,152.00	<b>SUBTOTAL</b>	\$ 474,758.00	<b>SUBTOTAL</b>	\$ 766,276.00	\$ 332,111.50	\$ 766,276.00	\$ 512,969.70
29	SP1.00	Mobilization/Demobilization (5% of Subtotal)	LS	1	\$ 20,608.83	\$ 20,608.83	\$ 23,091.00	\$ 23,091.00	\$ 16,605.58	\$ 16,605.58	\$ 25,957.60	\$ 25,957.60	\$ 23,737.90	\$ 23,737.90	\$ 38,313.80	\$ 38,313.80	\$ 16,605.58	\$ 38,313.80	\$ 25,541.18
					<b>TOTAL LUMP SUM BASE BID</b>	\$ 432,781.13	<b>TOTAL LUMP SUM BASE BID</b>	\$ 496,642.00	<b>TOTAL LUMP SUM BASE BID</b>	\$ 348,717.08	<b>TOTAL LUMP SUM BASE BID</b>	\$ 545,109.60	<b>TOTAL LUMP SUM BASE BID</b>	\$ 498,495.90	<b>TOTAL LUMP SUM BASE BID</b>	\$ 804,589.80	\$ 348,717.08	\$ 804,589.80	\$ 538,510.88
					<b>10% Contingency</b>	\$ 43,278.11													
					<b>Total Bid</b>	\$ 476,059.24													

Notes: <sup>1</sup> Extended price of \$4,600 appears to be based on 100 units. Actual price should be \$4,830 based on 105 units. This error does not effect rank as low bid.