

**BID TABULATION CERTIFICATION**

Project: McCain Property Stream Restoration  
 SCO No.: 02-05940-02  
 Owner: NCEEP  
 Designer: KCI Associates of NC, PA  
 Bid Date: 30-May-08


**Bid Summary Analysis**  
**McCain Site**  
**Stream Restoration**

Engineers Estimate with Addenda							Carolina Environmental		Fluvial Solutions	
Pay Item Number	Special Provision or NCDOT Standard Specification Section Number	Description	Unit	Est'd Quantity	Unit Bid Price	Extended Total	Unit Bid Price	Extended Total	Unit Bid Price	Extended Total
1	1.0/801	Construction Survey	LS	1	15,000.00	15,000.00			\$20,000.00	\$20,000.00
2	2.2/800	Mobilization	LS	1	14,300.00	14,300.00	\$16,794.00	\$16,794.00	\$16,130.50	\$16,130.50
3	2.4/200/402	Clearing and Grubbing	LS	1	7,500.00	7,500.00	\$13,900.00	\$13,900.00	\$5,000.00	\$5,000.00
4	3.1/226/224	Grading	LS	1	101,000.00	101,000.00	\$9,541.00	\$9,541.00	\$5,000.00	\$5,000.00
5	1610	Stone for Erosion Control, Class A	TON	30	32.00	960.00	\$71,004.00	\$71,004.00	\$100,000.00	\$100,000.00
6	1610	Stone for Erosion Control, Class B	TON	20	35.00	700.00	\$55.00	\$1,650.00	\$50.00	\$1,500.00
7	1610	Stone for Erosion Control, Class I	TON	20	38.00	760.00	\$55.00	\$1,100.00	\$60.00	\$1,200.00
8	4.1	Stone, Boulder	TON	20	64.00	1,280.00	\$55.00	\$1,100.00	\$65.00	\$1,300.00
9	1610	Sediment Control Stone #57	TON	20	28.00	560.00	\$75.00	\$1,500.00	\$115.00	\$2,300.00
10	1056	Filter Fabric for Drainage	SY	100	2.00	200.00	\$45.00	\$900.00	\$42.50	\$850.00
11	5.2	Coir Matting	SY	1,800	4.00	7,200.00	\$1.60	\$160.00	\$2.65	\$265.00
12	5.5/1660	Seeding and Mulching	AC	8.5	3,000.00	25,500.00	\$5.00	\$9,000.00	\$4.85	\$8,730.00
13	5.4/1620	Temporary Seeding	AC	4	1,200.00	4,800.00	\$2,441.00	\$20,748.50	\$1,250.00	\$10,625.00
14	1605	Temporary Silt Fence	LF	4,700	3.00	14,100.00	\$1,492.00	\$5,968.00	\$600.00	\$2,400.00
15	5.3/1060	Temporary Channel Diversion	LS	1	7,500.00	7,500.00	\$1.90	\$8,930.00	\$2.60	\$12,220.00
16	4.6	Impervious Dike	LF	180	20.00	3,600.00	\$9,740.00	\$9,740.00	\$8,000.00	\$8,000.00
17	5.6	Special Stilling Basin	EA	11	150.00	1,650.00	\$32.00	\$5,760.00	\$20.00	\$3,600.00
18	6.3	Invasive Species Control	GAL	50	25.00	1,250.00	\$530.50	\$5,835.50	\$750.00	\$8,250.00
19	6.2	Riparian Plantings (Barc-Root)	EA	3,320	3.50	11,620.00	\$10.00	\$500.00	\$80.00	\$4,000.00
20	6.1	Live Stakes	EA	2,000	2.50	5,000.00	\$3.40	\$11,288.00	\$3.25	\$10,790.00
21	Addendum #2	Woven Wire Fencing	LF	5,000	10.00	50,000.00	\$2.00	\$4,000.00	\$3.25	\$6,500.00
22	7.2/866	Access Gate	EA	3	700.00	2,100.00	\$2.05	\$10,660.00	\$6.15	\$31,980.00
23	4.2	Cross Vane	EA	9	2,800.00	25,200.00	\$198.00	\$594.00	\$400.00	\$1,200.00
24	4.3	Rock Ford Crossing	EA	2	2,300.00	4,600.00	\$3,414.00	\$30,726.00	\$3,250.00	\$29,250.00
25	4.4	Stone Toe Stabilization	LF	160	7.00	1,120.00	\$3,415.00	\$10,245.00	\$3,350.00	\$10,050.00
26	4.5	Channel Block	EA	19	300.00	5,700.00	\$24.85	\$3,976.00	\$25.00	\$4,000.00
27	4.7	Temporary Crossing	EA	3	6,000.00	18,000.00	\$1,314.00	\$24,966.00	\$950.00	\$18,050.00
28	Addendum #4	Temporary Fencing	LF	2000	9.00	18,000.00	\$4,434.00	\$13,302.00	\$1,500.00	\$4,500.00
29	Add #4 / 866	Temporary Gates	EA	4	500.00	2,000.00	\$1.85	\$3,700.00	\$5.00	\$10,000.00
30	Addendum #4	Biosecurity Measures	LS	1	15,000.00	15,000.00	\$198.00	\$792.00	\$450.00	\$1,800.00
							\$2,500.00	\$2,500.00	\$4,250.00	\$4,250.00
					<b>TOTAL</b>	<b>366,200.00</b>	<b>TOTAL (Calculated)</b>	<b>\$300,880.00</b>	<b>TOTAL (Calculated)</b>	<b>\$338,740.50</b>

Total Bid from Schedule of Values	\$300,880.00	\$338,740.50
Bid Error	\$0.00	\$0.00
Contractor License Number	61078	56327
Appropriate Classifications (Highway/Unclassified)	Highway	Highway
Active	Yes	Yes
Form of Proposal and Signature	Yes	Yes
Addenda Checked and Signed	Yes	Yes
Form of Bid Bond	Yes	Yes
Bid Bond Amount >5%	Yes	Yes
MBE Documentation	Yes	Yes

The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable construction costs herein are based on the information known to the Engineer at the time the estimate was prepared and represent only the Engineer's judgement as a design professional familiar with the construction industry. The Engineer cannot, and does not, guarantee that proposals, bids, or actual construction costs will not vary from the opinion of probable construction costs.

Certified Lowest Response Total Bid: 300,880 (Carolina Environmental Contracting, Inc.)  
 The undersigned confirms that all of the information in this bid tabulation is correct

By:   
 KCI Associates of NC, PA





**Bid Summary Analysis  
McCain Site  
Stream Restoration**

<b>Jones Grading and Fencing</b>		<b>Appalachian Environmental</b>		<b>EQR</b>	
<b>Unit Bid Price</b>	<b>Extended Total</b>	<b>Unit Bid Price</b>	<b>Extended Total</b>	<b>Unit Bid Price</b>	<b>Extended Total</b>
\$23,000.00	\$23,000.00	\$19,828.00	\$19,828.00	\$19,625.00	\$19,625.00
\$30,669.00	\$30,669.00	\$33,394.00	\$33,394.00	\$29,744.00	\$29,744.00
\$128,000.00	\$128,000.00	\$316,091.00	\$316,091.00	\$19,505.00	\$19,505.00
\$160,000.00	\$160,000.00	\$83,626.00	\$83,626.00	\$120,578.00	\$120,578.00
\$32.00	\$960.00	\$56.50	\$1,695.00	\$95.00	\$2,850.00
\$32.00	\$640.00	\$35.10	\$702.00	\$96.00	\$1,920.00
\$34.00	\$680.00	\$38.80	\$776.00	\$102.00	\$2,040.00
\$42.00	\$840.00	\$46.15	\$923.00	\$172.00	\$3,440.00
\$28.00	\$560.00	\$29.15	\$583.00	\$87.00	\$1,740.00
\$5.00	\$500.00	\$3.04	\$304.00	\$1.50	\$150.00
\$15.00	\$27,000.00	\$4.42	\$7,956.00	\$5.00	\$9,000.00
\$2,200.00	\$18,700.00	\$4,385.06	\$37,273.00	\$3,867.00	\$32,869.50
\$1,400.00	\$5,600.00	\$3,200.00	\$12,800.00	\$2,666.00	\$10,664.00
\$5.00	\$23,500.00	\$3.10	\$14,570.00	\$3.00	\$14,100.00
\$30,000.00	\$30,000.00	\$10,810.00	\$10,810.00	\$54,264.00	\$54,264.00
\$50.00	\$9,000.00	\$7.55	\$1,359.00	\$124.00	\$22,320.00
\$6,000.00	\$66,000.00	\$790.00	\$8,690.00	\$854.00	\$9,394.00
\$42.00	\$2,100.00	\$73.00	\$3,650.00	\$555.00	\$2,775.00
\$5.00	\$16,100.00	\$3.25	\$10,790.00	\$3.50	\$11,620.00
\$4.00	\$8,000.00	\$2.84	\$5,680.00	\$3.00	\$6,000.00
<b>\$11.25</b>	<b>\$58,500.00</b>	<b>\$2.32</b>	<b>\$12,064.00</b>	<b>\$6.50</b>	<b>\$33,800.00</b>
\$2,000.00	\$6,000.00	\$331.00	\$993.00	\$625.00	\$1,875.00
\$600.00	\$5,400.00	\$3,574.00	\$32,166.00	\$8,338.00	\$75,042.00
\$3,000.00	\$9,000.00	\$4,976.00	\$14,928.00	\$13,431.00	\$40,293.00
\$50.00	\$8,000.00	\$35.65	\$5,704.00	\$154.00	\$24,640.00
\$700.00	\$13,300.00	\$3,358.00	\$63,802.00	\$4,222.00	\$80,218.00
\$6,000.00	\$18,000.00	\$6,194.00	\$18,582.00	\$5,154.00	\$15,467.00
<b>\$8.00</b>	<b>\$16,000.00</b>	<b>\$2.32</b>	<b>\$4,640.00</b>	<b>\$5.50</b>	<b>\$11,000.00</b>
<b>\$1,500.00</b>	<b>\$6,000.00</b>	<b>\$331.00</b>	<b>\$1,324.00</b>	<b>\$625.00</b>	<b>\$2,500.00</b>
<b>\$15,000.00</b>	<b>\$15,000.00</b>	<b>\$791.00</b>	<b>\$791.00</b>	<b>\$86,805.00</b>	<b>\$86,805.00</b>
<b>TOTAL (Calculated)</b>	<b>\$707,049.00</b>	<b>TOTAL (Calculated)</b>	<b>\$726,494.00</b>	<b>TOTAL (Calculated)</b>	<b>\$746,238.50</b>
	\$708,899.00		\$726,494.00		\$746,233.00
	\$1,850.00		\$0.00		\$5.00
	17987		61428		51052
	Highway		Highway		Highway
	Yes		Yes		Yes
	Yes		Yes		Yes
	No		Yes		Yes
	Yes		Yes		Yes
	Yes		Yes		Yes
	Yes		Yes		Yes

**Bid Summary Analysis  
McCain Site  
Stream Restoration**

Summary Analysis (based on 3 lowest bids)											
Pay Item Number	Special Provision or NCDOT Standard Specification Section Number	Description	Unit	Est'd Quantity	Unit Cost	Low	Average	Median	High	Low Bid	Engineer's Estimate
1	1.0/801	Construction Survey	LS	1	\$1,151.52	\$11,400.00	\$13,747.33	\$13,242.00	\$16,600.00	\$16,794.00	\$15,000.00
2	2.2/800	Mobilization	LS	1	\$364.85	\$3,612.00	\$12,629.33	\$16,500.00	\$17,776.00	\$13,900.00	\$14,300.00
3	2.4/200/402	Clearing and Grubbing	LS	1	\$424.24	\$4,200.00	\$11,086.33	\$6,019.00	\$23,040.00	\$9,541.00	\$7,500.00
4	3.1/226/224	Grading	LS	1	\$6,566.16	\$65,005.00	\$97,668.33	\$114,000.00	\$114,000.00	\$71,004.00	\$101,000.00
5	1610	Stone for Erosion Control, Class A	TON	30	\$145.45	\$1,440.00	\$1,481.50	\$1,444.50	\$1,560.00	\$1,650.00	\$960.00
6	1610	Stone for Erosion Control, Class B	TON	20	\$48.00	\$960.00	\$987.67	\$963.00	\$1,040.00	\$1,100.00	\$700.00
7	1610	Stone for Erosion Control, Class 1	TON	20	\$48.00	\$960.00	\$1,027.67	\$963.00	\$1,160.00	\$1,100.00	\$760.00
8	4.1	Stone, Boulder	TON	20	\$48.00	\$960.00	\$1,686.67	\$1,700.00	\$2,400.00	\$1,500.00	\$1,280.00
9	1610	Sediment Control Stone #57	TON	20	\$44.00	\$880.00	\$934.33	\$960.00	\$963.00	\$900.00	\$560.00
10	1056	Filter Fabric for Drainage	SY	100	\$1.60	\$160.00	\$273.67	\$300.00	\$361.00	\$160.00	\$200.00
11	5.2	Coir Matting	SY	1,800	\$3.60	\$6,480.00	\$8,892.00	\$7,200.00	\$12,996.00	\$9,000.00	\$7,200.00
12	5.5/1660	Seeding and Mulching	AC	8.5	\$1,440.00	\$12,240.00	\$17,107.67	\$16,983.00	\$22,100.00	\$20,748.50	\$25,500.00
13	5.4/1620	Temporary Seeding	AC	4	\$400.00	\$1,600.00	\$3,354.67	\$3,840.00	\$4,624.00	\$5,968.00	\$4,800.00
14	1605	Temporary Silt Fence	LF	4,700	\$2.20	\$10,340.00	\$11,734.33	\$11,280.00	\$13,583.00	\$8,930.00	\$14,100.00
15	5.3/1060	Temporary Channel Diversion	LS	1	\$6,000.00	\$6,000.00	\$9,376.67	\$9,630.00	\$12,500.00	\$9,740.00	\$7,500.00
16	4.6	Impervious Dike	LF	180	\$12.00	\$2,160.00	\$9,202.80	\$3,780.00	\$21,668.40	\$5,760.00	\$3,600.00
17	5.6	Special Stilling Basin	EA	11	\$80.00	\$880.00	\$9,782.67	\$1,980.00	\$26,488.00	\$5,835.50	\$1,650.00
18	6.3	Invasive Species Control	GAL	50	\$30.00	\$1,500.00	\$2,018.50	\$1,805.50	\$2,750.00	\$500.00	\$1,250.00
19	6.2	Riparian Plantings (Bare-Root)	EA	3,320	\$2.00	\$6,640.00	\$9,196.40	\$9,960.00	\$10,989.20	\$11,288.00	\$11,620.00
20	6.1	Live Stakes	EA	2,000	\$2.70	\$5,400.00	\$6,326.67	\$6,000.00	\$7,580.00	\$4,000.00	\$5,000.00
21	<b>Addendum #2</b>	<b>Woven Wire Fencing</b>	<b>LF</b>	<b>5,000</b>	<b>\$5.15</b>	<b>\$25,740.00</b>	<b>\$41,409.33</b>	<b>\$42,328.00</b>	<b>\$56,160.00</b>	<b>\$10,660.00</b>	<b>\$50,000.00</b>
22	7.2/866	Access Gate	EA	3	\$225.00	\$675.00	\$916.00	\$810.00	\$1,263.00	\$594.00	\$2,100.00
23	4.2	Cross Vane	EA	9	\$1,440.00	\$12,960.00	\$26,568.00	\$23,400.00	\$43,344.00	\$30,726.00	\$25,200.00
24	4.3	Rock Ford Crossing	EA	2	\$2,250.00	\$4,500.00	\$10,612.00	\$10,836.00	\$16,500.00	\$10,245.00	\$4,600.00
25	4.4	Stone Toe Stabilization	LF	160	\$36.00	\$5,760.00	\$8,326.40	\$5,779.20	\$13,440.00	\$3,976.00	\$1,120.00
26	4.5	Channel Block	EA	19	\$360.00	\$6,840.00	\$22,584.67	\$26,600.00	\$34,314.00	\$24,966.00	\$5,700.00
27	4.7	Temporary Crossing	EA	3	\$800.00	\$2,400.00	\$7,715.00	\$6,300.00	\$14,445.00	\$13,302.00	\$18,000.00
28	<b>Addendum #4</b>	<b>Temporary Fencing</b>	<b>LF</b>	<b>2000</b>	<b>9.00</b>	<b>\$7,220.00</b>	<b>\$14,806.67</b>	<b>\$8,400.00</b>	<b>\$28,800.00</b>	<b>\$3,700.00</b>	<b>\$18,000.00</b>
29	<b>Add #4 / 866</b>	<b>Temporary Gates</b>	<b>EA</b>	<b>4</b>	<b>500.00</b>	<b>\$720.00</b>	<b>\$1,201.33</b>	<b>\$1,200.00</b>	<b>\$1,684.00</b>	<b>\$792.00</b>	<b>\$2,000.00</b>
30	<b>Addendum #4</b>	<b>Biosecurity Measures</b>	<b>LS</b>	<b>1</b>	<b>15,000.00</b>	<b>\$1,200.00</b>	<b>\$5,609.33</b>	<b>\$5,100.00</b>	<b>\$10,528.00</b>	<b>\$2,500.00</b>	<b>\$15,000.00</b>
						<b>\$210,832.00</b>	<b>\$368,263.93</b>	<b>\$359,303.20</b>	<b>\$534,656.60</b>	<b>\$300,880.00</b>	<b>\$366,200.00</b>