OPINION OF PROBABLE CONSTRUCTION COSTS
UT CROOKED CREEK
Franklin County, North Carolina
SCO ID#: 040614801

					Engineer's Opinion		L-J, Inc		McQueen Construction		Shamrock Environmental		North State Environmental	
Item	**Section**	**Item Description**	**Estimated Quantity**	**Unit**	**Unit Bid Price**	**Bid Amount**	**Unit Bid Price**	**Bid Amount**	**Unit Bid Price**	**Bid Amount**	**Unit Bid Price**	**Bid Amount**	**Unit Bid Price**	**Bid Amount**
1	2.01	Mobilization	1	LS	16,000.00	16,000.00	22,000.00	22,000.00	51,000.00	51,000.00	21,784.00	21,784.00	25,000.00	25,000.00
2	2.02	Construction Surveying	1	LS	15,000.00	15,000.00	12,000.00	12,000.00	21,800.00	21,800.00	36,394.00	36,394.00	55,000.00	55,000.00
3	2.03	As-Built Survey	1	LS	7,500.00	7,500.00	4,000.00	4,000.00	6,600.00	6,600.00	3,125.00	3,125.00	30,000.00	30,000.00
4	3.02	Clearing and Grubbing	1	LS	6,000.00	6,000.00	20,000.00	20,000.00	11,000.00	11,000.00	19,634.00	19,634.00	25,000.00	25,000.00
5	3.03	Impervious Select Material	955	CY	7.00	6,685.00	11.00	10,505.00	22.00	21,010.00	24.00	22,920.00	15.00	14,325.00
6	3.04	Grading Approx 6500 cy cut	1	LS	65,000.00	65,000.00	63,000.00	63,000.00	95,000.00	95,000.00	63,441.00	63,441.00	52,000.00	52,000.00
7	3.05	Temporary Stream Crossing	**5**	EA	900.00	4,500.00	2,300.00	11,500.00	1,400.00	7,000.00	3,067.00	15,335.00	2,500.00	12,500.00
8	3.06	Floodplain Interceptor	20	EA	250.00	5,000.00	1,000.00	20,000.00	420.00	8,400.00	368.00	7,360.00	700.00	14,000.00
9	3.07	Pipe Removal Approx 20 LF 36" CMP	1	LS	500.00	500.00	1,700.00	1,700.00	1,500.00	1,500.00	634.00	634.00	1,000.00	1,000.00
10		Installation of Permanent Crossing	1	LS	5,500.00	5,500.00	25,000.00	25,000.00	28,000.00	28,000.00	40,610.00	40,610.00	40,000.00	40,000.00
11	4.01	Misc. Coarse Aggregate, No. 57 Stone	50	TON	25.00	1,250.00	60.00	3,000.00	30.00	1,500.00	32.00	1,600.00	25.00	1,250.00
12	4.01	Misc. Rip Rap-Class A	10	TON	32.00	320.00	60.00	600.00	60.00	600.00	33.00	330.00	27.00	270.00
13	4.01	Misc. Rip Rap-Class B	10	TON	34.00	340.00	60.00	600.00	60.00	600.00	33.00	330.00	30.00	300.00
14	4.01	Misc. Boulder	50	TON	60.00	3,000.00	60.00	3,000.00	85.00	4,250.00	64.00	3,200.00	75.00	3,750.00
15	4.02	Log Vane	11	EA	700.00	7,700.00	1,700.00	18,700.00	1,800.00	19,800.00	1,207.00	13,277.00	800.00	8,800.00
16	4.03	Rock Cross Vane (Sta 10+00 to 21+00)	5	EA	2,500.00	12,500.00	3,000.00	15,000.00	2,700.00	13,500.00	5,021.00	25,105.00	2,100.00	10,500.00
17	4.03	Rock Cross Vane (Sta 21+00 to 32+77)	10	EA	2,700.00	27,000.00	3,000.00	30,000.00	3,000.00	30,000.00	5,248.00	52,480.00	2,100.00	21,000.00
18	4.03	Rock Cross Vane (Trib)	3	EA	1,500.00	4,500.00	3,000.00	9,000.00	2,000.00	6,000.00	1,104.00	3,312.00	600.00	1,800.00
19	4.04	Root Wad	6	EA	700.00	4,200.00	1,200.00	7,200.00	1,050.00	6,300.00	1,057.00	6,342.00	200.00	1,200.00
20	5.01	Temporary Construction Entrance	1	EA	3,000.00	3,000.00	2,600.00	2,600.00	1,500.00	1,500.00	2,278.00	2,278.00	3,000.00	3,000.00
21	5.02	Incidental Stone Base	50	TON	25.00	1,250.00	60.00	3,000.00	30.00	1,500.00	43.00	2,150.00	27.00	1,350.00
22	5.04	Temporary Stream Diversions	1	LS	28,800.00	28,800.00	23,000.00	23,000.00	24,000.00	24,000.00	24,542.00	24,542.00	70,000.00	70,000.00
23	5.05	Coir Fiber Mat	5,100	SY	5.00	25,500.00	5.30	27,030.00	6.00	30,600.00	6.20	31,620.00	5.25	26,775.00
24	5.06	Temporary Silt Fence	**1400**	LF	3.00	4,200.00	3.75	5,250.00	3.00	4,200.00	2.40	3,360.00	3.00	4,200.00
25	5.07	Temporary Rock Silt Check	**11**	EA	1,000.00	11,000.00	1,700.00	18,700.00	740.00	8,140.00	962.00	10,582.00	250.00	2,750.00
26	5.08	Temporary Sediment Basin	2	EA	1,000.00	2,000.00	3,000.00	6,000.00	1,650.00	3,300.00	1,628.00	3,256.00	2,000.00	4,000.00
27	6.02	Zone B Planting - Bare Root	3.5	AC	3,400.00	11,900.00	3,300.00	11,550.00	2,040.00	7,140.00	1,438.00	5,033.00	2,880.00	10,080.00
28	6.02	Zone C Planting - Bare Root	6.5	AC	3,400.00	22,100.00	3,300.00	21,450.00	2,040.00	13,260.00	1,814.00	11,791.00	2,880.00	18,720.00
29	6.02	Zone D Planting - Bare Root	0.0	AC	3,400.00	0.00	0.00	0.00	0.00	0.00	1,814.00	0.00	0.00	0.00
30	6.02	Zone E Planting - Bare Root	0.3	AC	3,400.00	1,020.00	3,300.00	990.00	2,040.00	612.00	1,690.00	507.00	2,880.00	864.00
31	6.02	Zone F Planting - Bare Root	0.5	AC	3,400.00	1,700.00	3,300.00	1,650.00	3,500.00	1,750.00	1,600.00	800.00	2,880.00	1,440.00
32	6.03	**Zone A - Live Staking**	2,550	SY	7.00	17,850.00	5.50	14,025.00	4.00	10,200.00	3.20	8,160.00	4.50	11,475.00
33	6.05	Temporary Seeding	3.75	AC	500.00	1,875.00	2,200.00	8,250.00	1,200.00	4,500.00	1,460.00	5,475.00	1,300.00	4,875.00
34	6.06	Permanent Seeding	3.75	AC	2,100.00	7,875.00	3,700.00	13,875.00	3,300.00	12,375.00	2,608.00	9,780.00	2,500.00	9,375.00
35	**6.07**	**Transplant Scoop**	**120**	**EA**	50.00	6,000.00	150.00	18,000.00	15.00	1,800.00	55.00	6,600.00	5.00	600.00
					Total Bid	$338,565.00	**Total Bid**	$452,175.00	**Total Bid**	$458,737.00	**Total Bid**	$463,147.00	**Total Bid**	$487,199.00
								1		**2**		**3**		**4**

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 this time and represent only the Engineer's judgment 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.

OPINION OF PROBABLE CONSTRUCTION COST
UT CROOKED CREEK
Franklin County, North Carolina
SCO ID#: 040614801

					Jones Grading & Fencing		Husky Construction		Fluvial Solutions		CCCSC		Statistical Averages		
Item	Section	Item Description	Estimated Quantity	Unit	Unit Bid Price	Bid Amount	Unit Bid Price	Bid Amount	Unit Bid Price	Bid Amount	Unit Bid Price	Bid Amount	Minimum	Average	Maximum
1	2.01	Mobilization	1	LS	25,483.87	25,483.87	23,000.00	23,000.00	26,723.00	26,723.00	39,500.00	39,500.00	21,784.00	29,311.36	51,000.00
2	2.02	Construction Surveying	1	LS	20,000.00	20,000.00	19,000.00	19,000.00	20,000.00	20,000.00	5,300.00	5,300.00	5,300.00	23,686.75	55,000.00
3	2.03	As-Built Survey	1	LS	5,000.00	5,000.00	7,500.00	7,500.00	25,000.00	25,000.00	8,825.00	8,825.00	3,125.00	11,256.25	30,000.00
4	3.02	Clearing and Grubbing	1	LS	7,500.00	7,500.00	26,000.00	26,000.00	25,000.00	25,000.00	33,750.00	33,750.00	7,500.00	20,985.50	33,750.00
5	3.03	Impervious Select Material	955	CY	20.50	19,577.50	28.00	26,740.00	55.00	52,525.00	16.00	15,280.00	10,505.00	22,860.31	52,525.00
6	3.04	Grading Approx 6500 cy cut	1	LS	87,750.00	87,750.00	155,000.00	155,000.00	55,000.00	55,000.00	90,000.00	90,000.00	52,000.00	82,648.88	155,000.00
7	3.05	Temporary Stream Crossing	**5**	EA	2,700.00	13,500.00	1,210.00	6,050.00	2,750.00	13,750.00	1,825.00	9,125.00	6,050.00	11,095.00	15,335.00
8	3.06	Floodplain Interceptor	20	EA	2,000.00	40,000.00	250.00	5,000.00	1,500.00	30,000.00	305.00	6,100.00	5,000.00	16,357.50	40,000.00
9	3.07	Pipe Removal Approx 20 LF 36" CMP	1	LS	2,000.00	2,000.00	3,700.00	3,700.00	15,000.00	15,000.00	200.00	200.00	200.00	3,216.75	15,000.00
10		Installation of Permanent Crossing	1	LS	25,000.00	25,000.00	33,000.00	33,000.00	35,000.00	35,000.00	20,475.00	20,475.00	20,475.00	30,885.63	40,610.00
11	4.01	Misc. Coarse Aggregate, No. 57 Stone	50	TON	26.00	1,300.00	30.00	1,500.00	35.00	1,750.00	36.00	1,800.00	1,250.00	1,712.50	3,000.00
12	4.01	Misc. Rip Rap-Class A	10	TON	80.00	800.00	55.00	550.00	50.00	500.00	41.00	410.00	270.00	507.50	800.00
13	4.01	Misc. Rip Rap-Class B	10	TON	80.00	800.00	55.00	550.00	50.00	500.00	41.00	410.00	300.00	511.25	800.00
14	4.01	Misc. Boulder	50	TON	50.00	2,500.00	75.00	3,750.00	75.00	3,750.00	35.00	1,750.00	1,750.00	3,243.75	4,250.00
15	4.02	Log Vane	11	EA	2,000.00	22,000.00	850.00	9,350.00	1,750.00	19,250.00	1,200.00	13,200.00	8,800.00	15,547.13	22,000.00
16	4.03	Rock Cross Vane (Sta 10+00 to 21+00)	5	EA	2,000.00	10,000.00	3,000.00	15,000.00	3,250.00	16,250.00	1,350.00	6,750.00	6,750.00	14,013.13	25,105.00
17	4.03	Rock Cross Vane (Sta 21+00 to 32+77)	10	EA	1,800.00	18,000.00	4,000.00	40,000.00	3,250.00	32,500.00	1,350.00	13,500.00	13,500.00	29,685.00	52,480.00
18	4.03	Rock Cross Vane (Trib)	3	EA	2,000.00	6,000.00	2,000.00	6,000.00	3,250.00	9,750.00	1,550.00	4,650.00	1,800.00	5,814.00	9,750.00
19	4.04	Root Wad	6	EA	1,500.00	9,000.00	900.00	5,400.00	550.00	3,300.00	550.00	3,300.00	1,200.00	5,255.25	9,000.00
20	5.01	Temporary Construction Entrance	1	EA	8,500.00	8,500.00	1,400.00	1,400.00	5,000.00	5,000.00	14,325.00	14,325.00	1,400.00	4,825.38	14,325.00
21	5.02	Incidental Stone Base	50	TON	26.00	1,300.00	30.00	1,500.00	45.00	2,250.00	40.00	2,000.00	1,300.00	1,881.25	3,000.00
22	5.04	Temporary Stream Diversions	1	LS	20,000.00	20,000.00	26,000.00	26,000.00	15,500.00	15,500.00	102,350.00	102,350.00	15,500.00	38,174.00	102,350.00
23	5.05	Coir Fiber Mat	5,100	SY	6.00	30,600.00	6.00	30,600.00	5.50	28,050.00	10.00	51,000.00	26,775.00	32,034.38	51,000.00
24	5.06	Temporary Silt Fence	**1400**	LF	3.50	4,900.00	3.00	4,200.00	3.00	4,200.00	3.50	4,900.00	3,360.00	4,401.25	5,250.00
25	5.07	Temporary Rock Silt Check	**11**	EA	1,800.00	19,800.00	1,880.00	20,680.00	650.00	7,150.00	200.00	2,200.00	2,200.00	11,250.25	20,680.00
26	5.08	Temporary Sediment Basin	2	EA	10,000.00	20,000.00	4,500.00	9,000.00	2,500.00	5,000.00	2,350.00	4,700.00	3,256.00	6,907.00	20,000.00
27	6.02	Zone B Planting - Bare Root	3.5	AC	6,000.00	21,000.00	2,010.00	7,035.00	5,000.00	17,500.00	8,100.00	28,350.00	5,033.00	13,461.00	28,350.00
28	6.02	Zone C Planting - Bare Root	6.5	AC	6,000.00	39,000.00	1,810.00	11,765.00	5,000.00	32,500.00	8,100.00	52,650.00	11,765.00	25,142.00	52,650.00
29	6.02	Zone D Planting - Bare Root	0.0	AC	0.00	0.00	4,010.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	6.02	Zone E Planting - Bare Root	0.3	AC	7,000.00	2,100.00	1,810.00	543.00	4,200.00	1,260.00	8,100.00	2,430.00	507.00	1,163.25	2,430.00
31	6.02	Zone F Planting - Bare Root	0.5	AC	9,000.00	4,500.00	1,810.00	905.00	4,200.00	2,100.00	8,100.00	4,050.00	800.00	2,149.38	4,500.00
32	6.03	**Zone A - Live Staking**	2,550	SY	5.00	12,750.00	6.20	15,810.00	7.50	19,125.00	8.20	20,910.00	8,160.00	14,056.88	20,910.00
33	6.05	Temporary Seeding	3.75	AC	2,000.00	7,500.00	1,200.00	4,500.00	3,000.00	11,250.00	1,800.00	6,750.00	4,500.00	6,637.50	11,250.00
34	6.06	Permanent Seeding	3.75	AC	3,200.00	12,000.00	4,700.00	17,625.00	5,000.00	18,750.00	2,500.00	9,375.00	9,375.00	12,894.38	18,750.00
35	**6.07**	**Transplant Scoop**	**120**	**EA**	125.00	15,000.00	10.00	1,200.00	50.00	6,000.00	160.00	19,200.00	600.00	8,550.00	19,200.00
					Total Bid	$535,161.37	**Total Bid**	$539,853.00	**Total Bid**	$561,183.00	**Total Bid**	$599,515.00	$262,090.00	$512,121.30	$990,050.00
						5		**6**		**7**		**8**			

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 this time and represent only the Engineer's judgment 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.