

West Ellerbe Creek Greenway
NCDOT TIP: C-5572
 Bid Opening 01/31/2017 3:00 PM



STEWART

West Ellerbe Creek Greenway

Engineer's Estimate

Line #	Item #	Sec #	Description	Quantity	Units	Unit Cost	Amount
1	0000100000-N	800	MOBILIZATION	1	LS	\$ 130,000.00	\$ 130,000.00
2	0000400000-N	801	CONSTRUCTION SURVEYING	1	LS	\$ 20,000.00	\$ 20,000.00
3	0043000000-N	226	GRADING	1	LS	\$ 125,500.00	\$ 125,500.00
4	0057000000-E	226	UNDERCUT EXCAVATION	600	CY	\$ 38.50	\$ 23,100.00
5	0195000000-E	265	SELECT GRANULAR MATERIAL	600	CY	\$ 33.00	\$ 19,800.00
6	0196000000-E	270	GEOTEXTILE FOR SOIL STABILIZATION	1600	SY	\$ 4.00	\$ 6,400.00
7	0241000000-E	SP	GENERIC GRADING ITEM (GEOTEXTILE SEPERATOR FABRIC)	8518	SY	\$ 2.00	\$ 17,036.00
8	1121000000-E	520	AGGREGATE BASE COURSE	3817	TON	\$ 27.50	\$ 104,967.50
9	1519000000-E	610	ASPHALT CONC SURFACE COURSE,TYPE S9.5B	574	TON	\$ 71.50	\$ 41,041.00
10	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	34	TON	\$ 660.00	\$ 22,440.00
11	2591000000-E	848	4" CONCRETE SIDEWALK	543	SY	\$ 38.50	\$ 20,905.50
12	2605000000-N	848	CONCRETE CURB RAMP	7	EA	\$ 1,430.00	\$ 10,010.00
13	3574000000-E	SP	GENERIC FENCING ITEM (REMOVE EXISTING FENCE)	740	LF	\$ 3.00	\$ 2,220.00
14	3575000000-E	SP	GENERIC FENCING ITEM (SAFETY RAIL)	115	LF	\$ 88.00	\$ 10,120.00
15	3656000000-E	876	GEOTEXTILE FOR DRAINAGE	475	SY	\$ 3.30	\$ 1,567.50
16	4840000000-N	1205	PAINT PAVEMENT MARKING CHARACTER	40	EA	\$ 33.00	\$ 1,320.00
17	6000000000-E	1605	TEMPORARY SILT FENCE	5613	LF	\$ 2.75	\$ 15,435.75
18	6006000000-E	1610	STONE FOR EROSION CONTROL,CLASS A	300	TON	\$ 60.50	\$ 18,150.00
19	6015000000-E	1615	TEMPORARY MULCHING	4	ACR	\$ 1,100.00	\$ 3,960.00
20	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	500	LB	\$ 5.50	\$ 2,750.00
21	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEEDING	3	TON	\$ 1,100.00	\$ 2,750.00
22	6147000000-E	SP	GENERIC EROSION CONTROL ITEM (TREE PROTECTION FENCE)	9713	LF	\$ 2.60	\$ 25,253.80
23	6084000000-E	1660	SEEDING & MULCHING	4	ACR	\$ 2,750.00	\$ 9,625.00
24	6090000000-E	1661	SEED FOR REPAIR SEEDING	200	LB	\$ 17.00	\$ 3,400.00
25	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	1	TON	\$ 770.00	\$ 808.50

Fred Smith

Unit Cost	Bid Amount	% over/under Estimate
\$ 88,900.00	\$ 88,900.00	-32%
\$ 18,000.00	\$ 18,000.00	-10%
\$ 632,000.00	\$ 632,000.00	404%
\$ 75.00	\$ 45,000.00	95%
\$ 1.00	\$ 600.00	-97%
\$ 3.00	\$ 4,800.00	-25%
\$ 2.50	\$ 21,295.00	25%
\$ 22.00	\$ 83,974.00	-20%
\$ 100.00	\$ 57,400.00	40%
\$ 370.00	\$ 12,580.00	-44%
\$ 34.50	\$ 18,733.50	-10%
\$ 1,450.00	\$ 10,150.00	1%
\$ 4.50	\$ 3,330.00	50%
\$ 100.00	\$ 11,500.00	14%
\$ 2.60	\$ 1,235.00	-21%
\$ 105.00	\$ 4,200.00	218%
\$ 3.00	\$ 16,839.00	9%
\$ 50.00	\$ 15,000.00	-17%
\$ 1,450.00	\$ 5,800.00	46%
\$ 1.00	\$ 500.00	-82%
\$ 50.00	\$ 150.00	-95%
\$ 2.00	\$ 19,426.00	-23%
\$ 2,200.00	\$ 8,800.00	-9%
\$ 4.00	\$ 800.00	-76%
\$ 900.00	\$ 900.00	11%

Carolina Sunrock

Unit Cost	Bid Amount	% over/under Estimate
\$ 116,000.00	\$ 116,000.00	-11%
\$ 40,920.00	\$ 40,920.00	105%
\$ 633,777.00	\$ 633,777.00	405%
\$ 50.99	\$ 30,594.00	32%
\$ 107.83	\$ 64,698.00	227%
\$ 2.55	\$ 4,080.00	-36%
\$ 2.57	\$ 21,891.26	29%
\$ 45.60	\$ 174,055.20	66%
\$ 136.56	\$ 78,385.44	91%
\$ 478.96	\$ 16,284.64	-27%
\$ 33.52	\$ 18,201.36	-13%
\$ 1,395.00	\$ 9,765.00	-2%
\$ 4.50	\$ 3,330.00	50%
\$ 100.00	\$ 11,500.00	14%
\$ 2.83	\$ 1,344.25	-14%
\$ 100.00	\$ 4,000.00	203%
\$ 2.50	\$ 14,032.50	-9%
\$ 57.63	\$ 17,289.00	-5%
\$ 1,547.00	\$ 6,188.00	56%
\$ 4.78	\$ 2,390.00	-13%
\$ 2,000.00	\$ 6,000.00	118%
\$ 2.50	\$ 24,282.50	-4%
\$ 3,138.00	\$ 12,552.00	30%
\$ 10.93	\$ 2,186.00	-36%
\$ 2,786.00	\$ 2,786.00	245%

Average Bidders

Average Bid Amount	% over/under estimate
\$ 102,450.00	-21%
\$ 29,460.00	47%
\$ 632,888.50	404%
\$ 37,797.00	64%
\$ 32,649.00	65%
\$ 4,440.00	-31%
\$ 21,593.13	27%
\$ 129,014.60	23%
\$ 67,892.72	65%
\$ 14,432.32	-36%
\$ 18,467.43	-12%
\$ 9,957.50	-1%
\$ 3,330.00	50%
\$ 11,500.00	14%
\$ 1,289.63	-18%
\$ 4,100.00	211%
\$ 15,435.75	0%
\$ 16,144.50	-11%
\$ 5,994.00	51%
\$ 1,445.00	-47%
\$ 3,075.00	12%
\$ 21,854.25	-13%
\$ 10,676.00	11%
\$ 1,493.00	-56%
\$ 1,843.00	128%

Line #	Item #	Sec #	Description	Quantity	Units	Unit Cost	Amount
26	609600000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	225	LB	\$ 5.50	\$ 1,237.50
27	610800000-E	1665	FERTILIZER TOP DRESSING	3	TON	\$ 1,100.00	\$ 3,300.00
28	611700000-N	SP	RESPONSE FOR EROSION CONTROL	65	EA	\$ 165.00	\$ 10,725.00
29	352400000-E	SP	VINYL COATED CHAIN LINK FENCE,48" FABRIC	195	LF	\$ 20.00	\$ 3,900.00
30	880100000-E	SP	MSE RETAINING WALL NO ****	141	SF	\$ 99.00	\$ 13,998.60
31	886700000-E	SP	GENERIC STRUCTURE ITEM (LF) (BOARDWALK 10 FOOT SPANS)	444	LF	\$ 330.00	\$ 146,652.00
32	886700000-E	SP	GENERIC STRUCTURE ITEM (BOARDWALK LOW LEVEL RAIL)	40	LF	\$ 27.50	\$ 1,100.00
33	886700000-E	SP	GENERIC STRUCTURE ITEM (LF) (BOARDWALK POSTS 7.5" MIN. TIP)	1000	LF	\$ 16.50	\$ 16,500.00
34	889700000-N	SP	GENERIC STRUCTURE ITEM (EA) (CONCRETE APPROACH)	14	EA	\$ 2,750.00	\$ 38,500.00
35	0000915000-N	SP	GENERIC MISCELLANEOUS ITEM (COLLAPSIBLE BOLLARD)	4	EA	\$ 797.50	\$ 3,190.00
36	0000915001-N	SP	GENERIC MISCELLANEOUS ITEM (PERMANENT BOLLARD)	8	EA	\$ 330.00	\$ 2,640.00
37	107700000-E	SP	#57 STONE	212	TON	\$ 45.00	\$ 9,540.00
38	227500000-E	SP	FLOWABLE FILL	38	CY	\$ 15.00	\$ 570.00
39	362800000-E	876	RIP RAP, CLASS 1	445	TON	\$ 55.00	\$ 24,475.00
40	471000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	450	LF	\$ 22.00	\$ 9,900.00
41	884700000-E	SP	GENERIC RETAINING WALL ITEM (GABION WALL)	1155	SF	\$ 128.00	\$ 147,840.00
43	037800000-E	310	24" RC PIPE CULVERTS, CLASS III	40	LF	\$ 77.00	\$ 3,080.00
44	045300000-E	310	24" PIPE END SECTION	1	EA	\$ 935.00	\$ 935.00
45	099500000-E	340	PIPE REMOVAL	42	LF	\$ 17.00	\$ 714.00
46	228600000-N	840	MASONRY DRAINAGE STRUCTURES	1	EA	\$ 2,200.00	\$ 2,200.00
47	239600000-N	840	FRAME WITH COVER, STD 840.54	1	EA	\$ 495.00	\$ 495.00
48	436000000-N	SP	GENERIC SIGNING ITEM (CITY OF DURHAM MINOR ENTRANCE SIGN)	3	EA	\$ 550.00	\$ 1,650.00
49	037200000-E	310	18" RC PIPE CULVERTS, CLASS III	32	LF	\$ 72.00	\$ 2,304.00
50	038400000-E	310	30" RC PIPE CULVERTS, CLASS III	6	LF	\$ 87.00	\$ 522.00
51	225300000-E	840	PIPE COLLARS	1	CY	\$ 1,155.00	\$ 1,155.00
52	364900000-E	876	RIP RAP, CLASS B	10	TON	\$ 49.50	\$ 495.00
53	880203000-E	SP	SEGMENTAL GRAVITY RETAINING WALLS	2469	SF	\$ 88.00	\$ 217,272.00
54	886700000-E	SP	GENERIC STRUCTURE ITEM (LF) (BOARDWALK 20 FOOT SPANS)	40	LF	\$ 440.00	\$ 17,600.00
55	254900000-E	846	2'-6" CONCRETE CURB & GUTTER	21	LF	\$ 33.00	\$ 693.00
56	0000915000-N	SP	GENERIC MISCELLANEOUS ITEM (CLEAN & PAINT EXIST. PED CULVERT)	1	EA	\$ 2,500.00	\$ 2,500.00
57	445700000-N	SP	TEMPORARY TRAFFIC CONTROL	1	LS	\$ 5,000.00	\$ 5,000.00
58	526000000-N	SP	GENERIC LIGHTING ITEM (CULVERT LIGHTING SYSTEM)	1	LS	\$ 49,905.00	\$ 49,905.00

Unit Cost	Bid Amount	% over/under Estimate
\$ 4.00	\$ 900.00	-27%
\$ 1,200.00	\$ 3,600.00	9%
\$ 10.00	\$ 650.00	-94%
\$ 9.50	\$ 1,852.50	-53%
\$ 115.00	\$ 16,215.00	16%
\$ 420.00	\$ 186,480.00	27%
\$ 84.00	\$ 3,360.00	205%
\$ 20.50	\$ 20,500.00	24%
\$ 2,750.00	\$ 38,500.00	0%
\$ 850.00	\$ 3,400.00	7%
\$ 600.00	\$ 4,800.00	82%
\$ 50.00	\$ 10,600.00	11%
\$ 250.00	\$ 9,500.00	1567%
\$ 60.00	\$ 26,700.00	9%
\$ 12.00	\$ 5,400.00	-45%
\$ 85.00	\$ 98,175.00	-34%
\$ 70.00	\$ 2,800.00	-9%
\$ 1,350.00	\$ 1,350.00	44%
\$ 75.00	\$ 3,150.00	341%
\$ 2,998.00	\$ 2,998.00	36%
\$ 550.00	\$ 550.00	11%
\$ 1,000.00	\$ 3,000.00	82%
\$ 80.00	\$ 2,560.00	11%
\$ 300.00	\$ 1,800.00	245%
\$ 1,500.00	\$ 1,500.00	30%
\$ 90.00	\$ 900.00	82%
\$ 42.00	\$ 103,698.00	-52%
\$ 438.00	\$ 17,520.00	0%
\$ 15.00	\$ 315.00	-55%
\$ 34,000.00	\$ 34,000.00	1260%
\$ 30,000.00	\$ 30,000.00	500%
\$ 22,000.00	\$ 22,000.00	-56%

Unit Cost	Bid Amount	% over/under Estimate
\$ 4.24	\$ 954.00	-23%
\$ 1,237.00	\$ 3,711.00	12%
\$ 300.00	\$ 19,500.00	82%
\$ 9.50	\$ 1,852.50	-53%
\$ 113.70	\$ 16,031.70	15%
\$ 525.23	\$ 233,202.12	59%
\$ 18.60	\$ 744.00	-32%
\$ 40.53	\$ 40,530.00	146%
\$ 2,773.43	\$ 38,828.02	1%
\$ 1,000.00	\$ 4,000.00	25%
\$ 600.00	\$ 4,800.00	82%
\$ 56.00	\$ 11,872.00	24%
\$ 410.55	\$ 15,600.90	2637%
\$ 85.94	\$ 38,243.30	56%
\$ 8.00	\$ 3,600.00	-64%
\$ 143.10	\$ 165,280.50	12%
\$ 83.89	\$ 3,355.60	9%
\$ 1,662.35	\$ 1,662.35	78%
\$ 67.44	\$ 2,832.48	297%
\$ 2,726.01	\$ 2,726.01	24%
\$ 355.61	\$ 355.61	-28%
\$ 530.00	\$ 1,590.00	-4%
\$ 72.37	\$ 2,315.84	1%
\$ 118.94	\$ 713.64	37%
\$ 1,577.49	\$ 1,577.49	37%
\$ 84.05	\$ 840.50	70%
\$ 66.12	\$ 163,250.28	-25%
\$ 436.68	\$ 17,467.20	-1%
\$ 15.00	\$ 315.00	-55%
\$ 29,225.81	\$ 29,225.81	1069%
\$ 51,576.37	\$ 51,576.37	932%
\$ 44,000.00	\$ 44,000.00	-12%

Average Bid Amount	% over/under estimate
\$ 927.00	-25%
\$ 3,655.50	11%
\$ 10,075.00	-6%
\$ 1,852.50	-53%
\$ 16,123.35	15%
\$ 209,841.06	43%
\$ 2,052.00	87%
\$ 30,515.00	85%
\$ 38,664.01	0%
\$ 3,700.00	16%
\$ 4,800.00	82%
\$ 11,236.00	18%
\$ 12,550.45	2102%
\$ 32,471.65	33%
\$ 4,500.00	-55%
\$ 131,727.75	-11%
\$ 3,077.80	0%
\$ 1,506.18	61%
\$ 2,991.24	319%
\$ 2,862.01	30%
\$ 452.81	-9%
\$ 2,295.00	39%
\$ 2,437.92	6%
\$ 1,256.82	141%
\$ 1,538.75	33%
\$ 870.25	76%
\$ 133,474.14	-39%
\$ 17,493.60	-1%
\$ 315.00	-55%
\$ 31,612.91	1165%
\$ 40,788.19	716%
\$ 33,000.00	-34%

Line #	Item #	Sec #	Description	Quantity	Units	Unit Cost	Amount
59	6038000000-E	SP	PERMANENT SOIL REINFORCEMENTMAT	100	SY	\$ 5.00	\$ 500.00
60	8881000000-E	SP	GENERIC STRUCTURE ITEM (BOARDWALK SPREAD FOOTING)	79	CY	\$ 500.00	\$ 39,300.00
61	3656000000-E	876	GEOTEXTILE FOR DRAINAGE	475	SY	\$ 3.30	\$ 1,567.50
62	6009000000-E	1610	STONE FOR EROSION CONTROL,CLASS B	100	TON	\$ 30.00	\$ 3,000.00
63	6012000000-E	1610	SEDIMENT CONTROL STONE	100	TON	\$ 25.00	\$ 2,500.00
64	6046000000-E	1636	TEMPORARY PIPE FOR STREAM CROSSING	50	LF	\$ 60.00	\$ 3,000.00
65	4025000000-E	901	CONTRACTOR FURNISHED, TYPE "E" SIGN	145	SF	\$ 13.00	\$ 1,885.00
66	4072000000-E	903	SUPPORTS, 3-LB STEEL U-CHANNEL	502	LF	\$ 8.00	\$ 4,018.40
67	4102000000-N	904	SIGN ERECTION, TYPE E	53	EA	\$ 64.00	\$ 3,392.00
68	3542000000-E	866	METAL LINE POSTS FOR 48" CHAINLINK FENCE	16	EA	\$ 40.00	\$ 640.00
69	3548000000-E	866	METAL TERMINAL POSTS FOR 48"CHAIN LINK FENCE	10	EA	\$ 100.00	\$ 1,000.00
							\$ 1,439,951.55

Unit Cost	Bid Amount	% over/under Estimate
\$ 4.00	\$ 400.00	-20%
\$ 250.00	\$ 19,750.00	-50%
\$ 2.60	\$ 1,235.00	-21%
\$ 70.00	\$ 7,000.00	133%
\$ 60.00	\$ 6,000.00	140%
\$ 65.00	\$ 3,250.00	8%
\$ 10.50	\$ 1,522.50	-19%
\$ 4.25	\$ 2,133.50	-47%
\$ 97.00	\$ 5,141.00	52%
\$ 14.50	\$ 232.00	-64%
\$ 45.00	\$ 450.00	-55%
Fred Smith		
\$ 1,787,800.00		24%

Unit Cost	Bid Amount	% over/under Estimate
\$ 12.43	\$ 1,243.00	149%
\$ 789.49	\$ 62,369.71	59%
\$ 2.83	\$ 1,344.25	-14%
\$ 84.63	\$ 8,463.00	182%
\$ 54.33	\$ 5,433.00	117%
\$ 259.14	\$ 12,957.00	332%
\$ 12.50	\$ 1,812.50	-4%
\$ 5.17	\$ 2,595.34	-35%
\$ 53.51	\$ 2,836.03	-16%
\$ 14.50	\$ 232.00	-64%
\$ 45.00	\$ 450.00	-55%
Carolina Sunrock		
\$ 2,338,822.20		62%

Average Bid Amount	% over/under estimate
\$ 821.50	64%
\$ 41,059.86	4%
\$ 1,289.63	-18%
\$ 7,731.50	158%
\$ 5,716.50	129%
\$ 8,103.50	170%
\$ 1,667.50	-12%
\$ 2,364.42	-41%
\$ 3,988.52	18%
\$ 232.00	-64%
\$ 450.00	-55%
Average Bidders	
\$ 2,063,311.10	43%

Costs have been recalculated based upon reported unit costs.

