

MCKEE CREEK INTERCEPTOR CMU Project No. 146-02-650				1		2		3		4		5		6		7	
				Sanders Utility Construction Co., Inc. Charlotte, NC License No. 39394		Dellinger, Inc. Monroe, NC License No. 5992		John D. Stephens, Inc. Lawrenceville, GA License No. 7780		Gary's Grading and Pipeline Co., Inc. Monroe, GA License No. 66270		State Utility Contractors, Inc. Monroe, NC License No. 17793		Strack, Inc. Fairburn, GA License No. 68042		Triangle Grading & Paving, Inc. Burlington, NC License No. 17456	
BID TOTAL				\$ 2,995,331.91		\$ 3,420,719.40		\$ 3,422,114.52		\$ 3,709,178.25		\$ 3,748,158.96		\$ 4,134,306.56		\$ 4,486,876.18	
Item	Description	Quantity	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
PART 1 - CABARRUS COUNTY PORTION (Sta. 0+00.00 to Sta. 128+77.74)																	
1	FURNISHING AND INSTALLING GRAVITY SANITARY SEWER PIPE																
A	Furnish and Install 24-inch Gravity Sewer Pipe (Pipe Material:			FS679 PS115 PVC		SDR 26 PVC		PVC		PVC		PVC		ASTM F679 PVC PS 115		PVC	
(1)	0'-8' Depth	789	LF	\$60.00	\$47,340.00	\$57.00	\$44,973.00	\$112.20	\$88,525.80	\$85.00	\$67,065.00	\$95.00	\$74,955.00	\$119.45	\$94,246.05	\$120.00	\$94,680.00
(2)	8'-10' Depth	1,117	LF	\$61.00	\$68,137.00	\$63.00	\$70,371.00	\$112.20	\$125,327.40	\$85.00	\$94,945.00	\$96.00	\$107,232.00	\$119.45	\$133,425.65	\$121.00	\$135,157.00
(3)	10'-12' Depth	1,843	LF	\$62.00	\$114,266.00	\$70.00	\$129,010.00	\$112.20	\$206,784.60	\$85.00	\$156,655.00	\$97.00	\$178,771.00	\$119.45	\$220,146.35	\$122.00	\$224,846.00
(4)	12'-14' Depth	1,332	LF	\$63.00	\$83,916.00	\$88.00	\$117,216.00	\$112.20	\$149,450.40	\$90.00	\$119,880.00	\$99.00	\$131,868.00	\$119.45	\$159,107.40	\$124.00	\$165,168.00
(5)	14'-16' Depth	1,196	LF	\$65.00	\$77,740.00	\$105.00	\$125,580.00	\$112.20	\$134,191.20	\$95.00	\$113,620.00	\$102.00	\$121,992.00	\$119.45	\$142,862.20	\$125.00	\$149,500.00
(6)	16'-18' Depth	951	LF	\$68.00	\$64,668.00	\$135.00	\$128,385.00	\$112.20	\$106,702.20	\$100.00	\$95,100.00	\$106.00	\$100,806.00	\$119.45	\$113,596.95	\$129.00	\$122,679.00
(7)	18'-20' Depth	1,254	LF	\$72.00	\$90,288.00	\$140.00	\$175,560.00	\$112.20	\$140,698.80	\$105.00	\$131,670.00	\$122.00	\$152,988.00	\$119.45	\$149,790.30	\$132.00	\$165,528.00
(8)	20'-22' Depth	1,006	LF	\$75.00	\$75,450.00	\$150.00	\$150,900.00	\$112.20	\$112,873.20	\$115.00	\$115,690.00	\$136.00	\$136,816.00	\$119.45	\$120,166.70	\$141.00	\$141,846.00
(9)	22'-24' Depth	368	LF	\$125.00	\$46,000.00	\$180.00	\$66,240.00	\$112.20	\$41,289.60	\$125.00	\$46,000.00	\$154.00	\$56,672.00	\$119.45	\$43,957.60	\$160.00	\$58,880.00
(10)	24'-26 Depth	218	LF	\$150.00	\$32,700.00	\$205.00	\$44,690.00	\$112.20	\$24,459.60	\$125.00	\$27,250.00	\$165.00	\$35,970.00	\$119.45	\$26,040.10	\$180.00	\$39,240.00
(11)	26' Depth and greater	280	LF	\$200.00	\$56,000.00	\$235.00	\$65,800.00	\$112.20	\$31,416.00	\$175.00	\$49,000.00	\$175.00	\$49,000.00	\$119.45	\$33,446.00	\$210.00	\$58,800.00
B	Furnish and Install 24-in. Gravity Sewer Pipe (Pipe Material - DIP CLASS 350 - PLAN SHEETS 4 THROUGH 16																
(1)	0'-6' Depth	26	LF	\$150.00	\$3,900.00	\$140.00	\$3,640.00	\$189.20	\$4,919.20	\$200.00	\$5,200.00	\$163.00	\$4,238.00	\$256.32	\$6,664.32	\$152.00	\$3,952.00
(2)	6'-8' Depth	151	LF	\$153.00	\$23,103.00	\$145.00	\$21,895.00	\$189.20	\$28,569.20	\$200.00	\$30,200.00	\$164.00	\$24,764.00	\$256.32	\$38,704.32	\$153.00	\$23,103.00
(3)	8'-10' Depth	522	LF	\$160.00	\$83,520.00	\$150.00	\$78,300.00	\$189.20	\$98,762.40	\$200.00	\$104,400.00	\$166.00	\$86,652.00	\$256.32	\$133,799.04	\$154.00	\$80,388.00
(4)	10'-12' Depth	524	LF	\$165.00	\$86,460.00	\$155.00	\$81,220.00	\$189.20	\$99,140.80	\$200.00	\$104,800.00	\$167.00	\$87,508.00	\$256.32	\$134,311.68	\$155.00	\$81,220.00
(5)	12'-14' Depth	359	LF	\$170.00	\$61,030.00	\$175.00	\$62,825.00	\$189.20	\$67,922.80	\$205.00	\$73,595.00	\$168.00	\$60,312.00	\$256.32	\$92,018.88	\$156.00	\$56,004.00
(6)	14'-16' Depth	483	LF	\$180.00	\$86,940.00	\$195.00	\$94,185.00	\$189.20	\$91,383.60	\$210.00	\$101,430.00	\$170.00	\$82,110.00	\$256.32	\$123,802.56	\$157.00	\$75,831.00
(7)	16'-18' Depth	149	LF	\$190.00	\$28,310.00	\$220.00	\$32,780.00	\$189.20	\$28,190.80	\$210.00	\$31,290.00	\$174.00	\$25,926.00	\$256.32	\$38,191.68	\$161.00	\$23,989.00
(8)	18'-20' Depth	84	LF	\$200.00	\$16,800.00	\$225.00	\$18,900.00	\$189.20	\$15,892.80	\$215.00	\$18,060.00	\$190.00	\$15,960.00	\$256.32	\$21,530.88	\$168.00	\$14,112.00
(9)	20'-22' Depth	36	LF	\$230.00	\$8,280.00	\$235.00	\$8,460.00	\$189.20	\$6,811.20	\$225.00	\$8,100.00	\$220.00	\$7,920.00	\$256.32	\$9,227.52	\$174.00	\$6,264.00
(10)	22'-24' Depth	99	LF	\$240.00	\$23,760.00	\$265.00	\$26,235.00	\$189.20	\$18,730.80	\$230.00	\$22,770.00	\$255.00	\$25,245.00	\$256.32	\$25,375.68	\$198.00	\$19,602.00
(11)	24' Depth and greater	17	LF	\$250.00	\$4,250.00	\$320.00	\$5,440.00	\$189.20	\$3,216.40	\$275.00	\$4,675.00	\$275.00	\$4,675.00	\$256.32	\$4,357.44	\$240.00	\$4,080.00
2	BASIC 0'-6' DEPTH MANHOLES																
A	5-ft. Diameter Manhole with 24-INCH Bolted Down Frame and Cover	34	EA	\$1,640.00	\$55,760.00	\$1,750.00	\$59,500.00	\$1,570.00	\$53,380.00	\$2,000.00	\$68,000.00	\$1,925.00	\$65,450.00	\$2,920.45	\$99,295.30	\$1,900.00	\$64,600.00
3	EXTRA DEPTH FOR ALL MANHOLES																
A	5-ft. Diameter Manhole	352	VF	\$129.00	\$45,408.00	\$170.00	\$59,840.00	\$90.00	\$31,680.00	\$105.00	\$36,960.00	\$160.00	\$56,320.00	\$162.95	\$57,358.40	\$200.00	\$70,400.00
4	FURNISHING AND INSTALLING STEEL VENT ASSEMBLY ON DESIGNATED MANHOLES																
A	3-inch Diameter	202	VF	\$34.00	\$6,868.00	\$90.00	\$18,180.00	\$46.00	\$9,292.00	\$60.00	\$12,120.00	\$90.00	\$18,180.00	\$66.43	\$13,418.86	\$100.00	\$20,200.00
5	LININGS FOR MANHOLES																
A	Basic 0' - 6' Depth Manholes																
(1)	5-ft. Diameter Manhole	34	EA	\$1,569.00	\$53,346.00	\$1,080.00	\$36,720.00	\$1,095.00	\$37,230.00	\$1,380.00	\$46,920.00	\$1,150.00	\$39,100.00	\$1,537.50	\$52,275.00	\$1,100.00	\$37,400.00
B	Extra Depth for Manholes, Complete in Place																
(1)	5-ft. Diameter Manhole	352	VF	\$260.00	\$91,520.00	\$195.00	\$68,640.00	\$200.00	\$70,400.00	\$232.00	\$81,664.00	\$210.00	\$73,920.00	\$242.25	\$85,272.00	\$200.00	\$70,400.00
6	CONNECTION TO EXISTING SANITARY SEWER MANHOLE #MK-0																
		1	LS	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$3,500.00	\$3,500.00	\$25,000.00	\$25,000.00	\$4,000.00	\$4,000.00	\$5,172.93	\$5,172.93	\$5,000.00	\$5,000.00

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BID TOTAL				\$ 2,995,331.91		\$ 3,420,719.40		\$ 3,422,114.52		\$ 3,709,178.25		\$ 3,748,158.96		\$ 4,134,306.56		\$ 4,486,876.18	
Item	Description	Quantity	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
7	ROADWAY CROSSING																
A	Tunnel																
	(1) Furnish and Install 74 LF of a 72-inch Dia. Tunnel under Peach Orchard Road (SR 1169) complete with Tunnel Shaft(s), 24-inch Ductile Iron Carrier Pipe, Traffic Control, Instrumentation and Monitoring, and other items as specified.	1	LS	\$112,000.00	\$112,000.00	\$205,000.00	\$205,000.00	\$190,000.00	\$190,000.00	\$210,000.00	\$210,000.00	\$218,000.00	\$218,000.00	\$137,976.05	\$137,976.05	\$203,000.00	\$203,000.00
8	CLEARING, GRUBBING, AND DEBRIS DISPOSAL	12,804	LF	\$2.90	\$37,131.60	\$3.00	\$38,412.00	\$3.00	\$38,412.00	\$9.00	\$115,236.00	\$5.50	\$70,422.00	\$4.65	\$59,538.60	\$30.00	\$384,120.00
9	ROCK EXCAVATION	16,130	CY	\$40.00	\$645,200.00	\$40.00	\$645,200.00	\$40.00	\$645,200.00	\$40.00	\$645,200.00	\$40.00	\$645,200.00	\$42.00	\$677,460.00	\$40.00	\$645,200.00
10	STONE STABILIZATION MATERIAL	5,540	TN	\$25.00	\$138,500.00	\$24.00	\$132,960.00	\$5.00	\$27,700.00	\$25.00	\$138,500.00	\$26.00	\$144,040.00	\$28.38	\$157,225.20	\$35.00	\$193,900.00
11	FURNISHING AND INSTALLING STREAM BANK STABILIZATION	1,300	SY	\$3.50	\$4,550.00	\$5.00	\$6,500.00	\$4.50	\$5,850.00	\$5.00	\$6,500.00	\$5.00	\$6,500.00	\$31.94	\$41,522.00	\$4.00	\$5,200.00
12	FURNISHING AND INSTALLING CLAY ANTI-SEEP COLLARS	30	EA	\$500.00	\$15,000.00	\$200.00	\$6,000.00	\$300.00	\$9,000.00	\$250.00	\$7,500.00	\$300.00	\$9,000.00	\$240.00	\$7,200.00	\$1,000.00	\$30,000.00
13	CONSTRUCT AND MAINTAIN VARIOUS EROSION CONTROL DEVICES																
A	Temporary Stream Crossing for Sewer Installation																
	(1) Station 49+35	1	LS	\$1,000.00	\$1,000.00	\$3,600.00	\$3,600.00	\$9,925.00	\$9,925.00	\$22,000.00	\$22,000.00	\$4,500.00	\$4,500.00	\$17,764.63	\$17,764.63	\$20,000.00	\$20,000.00
	(2) Station 94+10	1	LS	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00	\$9,925.00	\$9,925.00	\$16,000.00	\$16,000.00	\$4,500.00	\$4,500.00	\$17,764.63	\$17,764.63	\$20,000.00	\$20,000.00
	(3) Station 119+60	1	LS	\$1,000.00	\$1,000.00	\$2,100.00	\$2,100.00	\$6,540.00	\$6,540.00	\$15,000.00	\$15,000.00	\$4,500.00	\$4,500.00	\$17,764.63	\$17,764.63	\$20,000.00	\$20,000.00
B	Temporary Access Crossings for Vehicular Access																
	(1) Access - Hickory Ridge Road to Manhole #MK-0, with 70 LF of 30-in Diameter Pipe (2 each - 30-in. diameter, 35LF/pipe)	1	LS	\$15,000.00	\$15,000.00	\$4,800.00	\$4,800.00	\$3,000.00	\$3,000.00	\$62,500.00	\$62,500.00	\$4,700.00	\$4,700.00	\$10,611.70	\$10,611.70	\$0.01	\$0.01
	(2) Station 20+75	1	LS	\$1,000.00	\$1,000.00	\$1,300.00	\$1,300.00	\$3,000.00	\$3,000.00	\$10,000.00	\$10,000.00	\$2,800.00	\$2,800.00	\$5,882.31	\$5,882.31	\$20,000.00	\$20,000.00
	(3) Station 27+95	1	LS	\$1,000.00	\$1,000.00	\$1,300.00	\$1,300.00	\$3,000.00	\$3,000.00	\$10,000.00	\$10,000.00	\$2,800.00	\$2,800.00	\$5,882.31	\$5,882.31	\$20,000.00	\$20,000.00
	(4) Station 46+25	1	LS	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$7,500.00	\$7,500.00	\$2,400.00	\$2,400.00	\$5,882.31	\$5,882.31	\$20,000.00	\$20,000.00
	(5) Station 49+10	1	LS	\$1,000.00	\$1,000.00	\$2,700.00	\$2,700.00	\$2,000.00	\$2,000.00	\$12,000.00	\$12,000.00	\$2,400.00	\$2,400.00	\$5,882.31	\$5,882.31	\$20,000.00	\$20,000.00
	(6) Station 52+65	1	LS	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$7,500.00	\$7,500.00	\$2,800.00	\$2,800.00	\$5,882.31	\$5,882.31	\$20,000.00	\$20,000.00
	(7) Station 52+95	1	LS	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$7,000.00	\$7,000.00	\$2,800.00	\$2,800.00	\$5,882.31	\$5,882.31	\$20,000.00	\$20,000.00
	(8) Station 55+65	1	LS	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$10,000.00	\$10,000.00	\$3,400.00	\$3,400.00	\$5,882.31	\$5,882.31	\$20,000.00	\$20,000.00
	(9) Station 69+00	1	LS	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$8,900.00	\$8,900.00	\$3,400.00	\$3,400.00	\$5,882.31	\$5,882.31	\$20,000.00	\$20,000.00
	(10) Station 70+00	1	LS	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$7,000.00	\$7,000.00	\$2,800.00	\$2,800.00	\$5,882.31	\$5,882.31	\$20,000.00	\$20,000.00
	(11) Station 79+90	1	LS	\$1,000.00	\$1,000.00	\$2,300.00	\$2,300.00	\$3,000.00	\$3,000.00	\$12,000.00	\$12,000.00	\$3,400.00	\$3,400.00	\$5,882.31	\$5,882.31	\$20,000.00	\$20,000.00
	(12) Station 102+50	1	LS	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$10,000.00	\$10,000.00	\$2,800.00	\$2,800.00	\$5,882.31	\$5,882.31	\$20,000.00	\$20,000.00
C	Temporary Silt Fence																
	(1) Manholes #MK-0 to #MK-35	12,804	LF	\$1.50	\$19,206.00	\$1.50	\$19,206.00	\$1.35	\$17,285.40	\$1.75	\$22,407.00	\$2.50	\$32,010.00	\$1.89	\$24,199.56	\$1.40	\$17,925.60
	(2) Access - Hickory Ridge Road to Manhole #MK-0	2,700	LF	\$1.50	\$4,050.00	\$1.50	\$4,050.00	\$1.35	\$3,645.00	\$1.75	\$4,725.00	\$2.50	\$6,750.00	\$1.89	\$5,103.00	\$0.01	\$27.00
D	Temporary Orange Construction Fence																
	(1) Manholes #MK-0 to #MK-35	12,804	LF	\$1.25	\$16,005.00	\$1.00	\$12,804.00	\$1.00	\$12,804.00	\$1.05	\$13,444.20	\$2.50	\$32,010.00	\$1.35	\$17,285.40	\$1.00	\$12,804.00
	(2) Access - Hickory Ridge Road to Manhole #MK-0	2,700	LF	\$1.25	\$3,375.00	\$1.00	\$2,700.00	\$1.00	\$2,700.00	\$1.05	\$2,835.00	\$2.50	\$6,750.00	\$1.35	\$3,645.00	\$0.01	\$27.00
E	Temporary Construction Entrance	3	EA	\$1,000.00	\$3,000.00	\$1,200.00	\$3,600.00	\$900.00	\$2,700.00	\$1,250.00	\$3,750.00	\$1,700.00	\$5,100.00	\$1,776.46	\$5,329.38	\$2,500.00	\$7,500.00
14	TEMPORARY CONSTRUCTION ACCESS THROUGH BRADFIELD FARMS WATER COMPANY PROPERTY	1	LS	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00	\$5,500.00	\$5,500.00	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00	\$1,920.00	\$1,920.00	\$20,000.00	\$20,000.00
15	RE-ALIGN A PORTION OF EXISTING FENCING ON BRADFIELD FARMS WATER COMPANY PROPERTY	1	LS	\$2,000.00	\$2,000.00	\$1,600.00	\$1,600.00	\$2,250.00	\$2,250.00	\$2,500.00	\$2,500.00	\$1,800.00	\$1,800.00	\$2,010.00	\$2,010.00	\$3,100.00	\$3,100.00
16	GATES FOR NEW OR EXISTING FENCES CROSSED	11	EA	\$400.00	\$4,400.00	\$400.00	\$4,400.00	\$500.00	\$5,500.00	\$412.00	\$4,532.00	\$675.00	\$7,425.00	\$540.00	\$5,940.00	\$400.00	\$4,400.00

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17	REPLACEMENT/NEW FENCING	1,310	LF	\$6.00	\$7,860.00	\$5.00	\$6,550.00	\$8.00	\$10,480.00	\$6.00	\$7,860.00	\$5.00	\$6,550.00	\$7.08	\$9,274.80	\$6.00	\$7,860.00
18	TOPSOIL, SEEDING, AND MULCHING																
A	Manhole #MK-0 to Manhole #MK-35	12,804	LF	\$3.00	\$38,412.00	\$1.50	\$19,206.00	\$2.75	\$35,211.00	\$1.37	\$17,541.48	\$1.80	\$23,047.20	\$1.89	\$24,199.56	\$2.00	\$25,608.00
B	Construction Access - Hickory Ridge Road to Manhole #MK-0	2,700	LF	\$1.00	\$2,700.00	\$1.50	\$4,050.00	\$2.75	\$7,425.00	\$1.37	\$3,699.00	\$7.00	\$18,900.00	\$1.89	\$5,103.00	\$0.01	\$27.00
19	CLOSED CIRCUIT TELEVISION (CCTV) INSPECTION																
A	24-in Pipe	12,804	LF	\$1.00	\$12,804.00	\$1.00	\$12,804.00	\$0.85	\$10,883.40	\$1.00	\$12,804.00	\$2.70	\$34,570.80	\$1.44	\$18,437.76	\$1.00	\$12,804.00
B	Existing 8-in Pipe on Bradfield Farms Water Company Property and in Existing Easements Where Noted on the Plans																
(1)	Before construction activity	820	LF	\$1.05	\$861.00	\$1.00	\$820.00	\$1.00	\$820.00	\$1.00	\$820.00	\$3.70	\$3,034.00	\$2.40	\$1,968.00	\$1.00	\$820.00
(2)	After construction activity	820	LF	\$1.05	\$861.00	\$1.00	\$820.00	\$1.00	\$820.00	\$1.00	\$820.00	\$2.70	\$2,214.00	\$2.40	\$1,968.00	\$1.00	\$820.00
C	Existing 12-in Pipe on Bradfield Farms Water Company Property and in Existing Easements Where Noted on the Plans																
(1)	Before construction activity	628	LF	\$1.05	\$659.40	\$1.00	\$628.00	\$1.00	\$628.00	\$1.00	\$628.00	\$3.70	\$2,323.60	\$2.40	\$1,507.20	\$1.00	\$628.00
(2)	After construction activity	628	LF	\$1.05	\$659.40	\$1.00	\$628.00	\$1.00	\$628.00	\$1.00	\$628.00	\$2.70	\$1,695.60	\$2.40	\$1,507.20	\$1.00	\$628.00
20	TESTING SEWER PIPES AND MANHOLES																
A	24-in. Pipe	12,804	LF	\$1.00	\$12,804.00	\$2.00	\$25,608.00	\$1.00	\$12,804.00	\$0.67	\$8,578.68	\$1.00	\$12,804.00	\$2.40	\$30,729.60	\$1.00	\$12,804.00
B	5-ft. Diameter Manholes	34	EA	\$100.00	\$3,400.00	\$300.00	\$10,200.00	\$150.00	\$5,100.00	\$140.00	\$4,760.00	\$100.00	\$3,400.00	\$360.00	\$12,240.00	\$100.00	\$3,400.00
PART 1 SUBTOTAL (Items 1 - 20)(Cabarrus County)				\$2,555,198.40		\$2,994,331.00		\$2,938,476.60		\$3,252,727.36		\$3,182,896.20		\$3,559,462.10		\$3,885,471.61	
PART 2 - MECKLENBURG COUNTY PORTION (Sta. 128+77.74 to Sta. 130+10.00)																	
21	FURNISHING AND INSTALLING GRAVITY SANITARY SEWER PIPE																
A	Furnish and Install 24-in. Gravity Sewer Pipe (Pipe Material - DIP CLASS 250 - PLAN SHEET 16A)																
(1)	0'-18' Depth	33	LF	\$110.00	\$3,630.00	\$220.00	\$7,260.00	\$192.90	\$6,365.70	\$180.00	\$5,940.00	\$166.00	\$5,478.00	\$256.32	\$8,458.56	\$191.00	\$6,303.00
(2)	18'-20' Depth	73	LF	\$150.00	\$10,950.00	\$225.00	\$16,425.00	\$192.90	\$14,081.70	\$190.00	\$13,870.00	\$180.00	\$13,140.00	\$256.32	\$18,711.36	\$194.00	\$14,162.00
(3)	20' Depth and greater	6	LF	\$200.00	\$1,200.00	\$235.00	\$1,410.00	\$192.90	\$1,157.40	\$195.00	\$1,170.00	\$210.00	\$1,260.00	\$256.32	\$1,537.92	\$300.00	\$1,800.00
22	BASIC 0'-6' DEPTH MANHOLES																
A	5-ft. Diameter Manhole with 30-INCH Bolted Down Frame and Cover	1	EA	\$1,814.00	\$1,814.00	\$1,900.00	\$1,900.00	\$1,675.00	\$1,675.00	\$1,750.00	\$1,750.00	\$2,050.00	\$2,050.00	\$3,047.36	\$3,047.36	\$2,000.00	\$2,000.00
B	6-ft. Diameter Manhole with 30-INCH Bolted Down Frame and Cover	1	EA	\$2,100.00	\$2,100.00	\$2,400.00	\$2,400.00	\$1,985.00	\$1,985.00	\$2,200.00	\$2,200.00	\$2,850.00	\$2,850.00	\$3,611.47	\$3,611.47	\$2,300.00	\$2,300.00
23	EXTRA DEPTH FOR ALL MANHOLES																
A	5-ft. Diameter Manhole	12	VF	\$155.00	\$1,860.00	\$170.00	\$2,040.00	\$90.00	\$1,080.00	\$100.00	\$1,200.00	\$160.00	\$1,920.00	\$162.95	\$1,955.40	\$280.00	\$3,360.00
B	6-ft. Diameter Manhole	14	VF	\$202.00	\$2,828.00	\$260.00	\$3,640.00	\$140.00	\$1,960.00	\$175.00	\$2,450.00	\$240.00	\$3,360.00	\$243.32	\$3,406.48	\$300.00	\$4,200.00
24	FURNISHING AND INSTALLING STEEL VENT ASSEMBLY ON DESIGNATED MANHOLES																
A	5-inch Diameter	11	VF	\$60.00	\$660.00	\$120.00	\$1,320.00	\$75.00	\$825.00	\$125.00	\$1,375.00	\$125.00	\$1,375.00	\$98.15	\$1,079.65	\$150.00	\$1,650.00

MCKEE CREEK INTERCEPTOR CMU Project No. 146-02-650				1		2		3		4		5		6		7	
				Sanders Utility Construction Co., Inc. Charlotte, NC License No. 39394		Dellinger, Inc. Monroe, NC License No. 5992		John D. Stephens, Inc. Lawrenceville, GA License No. 7780		Gary's Grading and Pipeline Co., Inc. Monroe, GA License No. 66270		State Utility Contractors, Inc. Monroe, NC License No. 17793		Strack, Inc. Fairburn, GA License No. 68042		Triangle Grading & Paving, Inc. Burlington, NC License No. 17456	
BID TOTAL				\$ 2,995,331.91		\$ 3,420,719.40		\$ 3,422,114.52		\$ 3,709,178.25		\$ 3,748,158.96		\$ 4,134,306.56		\$ 4,486,876.18	
Item	Description	Quantity	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
25	LININGS FOR MANHOLES																
A	Basic 0' - 6' Depth Manholes																
	(1) 5-ft. Diameter Manhole	1	EA	\$1,568.00	\$1,568.00	\$1,080.00	\$1,080.00	\$1,095.00	\$1,095.00	\$1,351.87	\$1,351.87	\$1,150.00	\$1,150.00	\$1,537.50	\$1,537.50	\$1,100.00	\$1,100.00
	(2) 6-ft Diameter Manhole	1	EA	\$2,417.00	\$2,417.00	\$1,340.00	\$1,340.00	\$1,365.00	\$1,365.00	\$1,622.25	\$1,622.25	\$1,500.00	\$1,500.00	\$1,881.00	\$1,881.00	\$1,400.00	\$1,400.00
B	Extra Depth for Manholes, Complete in Place																
	(1) 5-ft. Diameter Manhole	12	VF	\$262.00	\$3,144.00	\$195.00	\$2,340.00	\$200.00	\$2,400.00	\$225.35	\$2,704.20	\$210.00	\$2,520.00	\$242.25	\$2,907.00	\$200.00	\$2,400.00
	(2) 6-ft Diameter Manhole	14	VF	\$403.00	\$5,642.00	\$243.00	\$3,402.00	\$250.00	\$3,500.00	\$270.40	\$3,785.60	\$260.00	\$3,640.00	\$289.50	\$4,053.00	\$250.00	\$3,500.00
26	CLEARING, GRUBBING, AND DEBRIS DISPOSAL	132	LF	\$2.90	\$382.80	\$3.00	\$396.00	\$3.00	\$396.00	\$15.00	\$1,980.00	\$6.00	\$792.00	\$4.65	\$613.80	\$7.00	\$924.00
27	ROCK EXCAVATION	170	CY	\$40.00	\$6,800.00	\$40.00	\$6,800.00	\$40.00	\$6,800.00	\$40.00	\$6,800.00	\$40.00	\$6,800.00	\$42.00	\$7,140.00	\$40.00	\$6,800.00
28	STONE STABILIZATION MATERIAL	60	TN	\$25.00	\$1,500.00	\$24.00	\$1,440.00	\$5.00	\$300.00	\$24.00	\$1,440.00	\$26.00	\$1,560.00	\$28.38	\$1,702.80	\$35.00	\$2,100.00
29	CONSTRUCT AND MAINTAIN VARIOUS EROSION CONTROL DEVICES																
A	Temporary Silt Fence	132	LF	\$1.50	\$198.00	\$1.50	\$198.00	\$1.35	\$178.20	\$2.00	\$264.00	\$3.00	\$396.00	\$1.89	\$249.48	\$1.40	\$184.80
B	Temporary Orange Construction Fence	132	LF	\$1.05	\$138.60	\$1.00	\$132.00	\$1.00	\$132.00	\$1.25	\$165.00	\$3.00	\$396.00	\$1.67	\$220.44	\$1.00	\$132.00
30	TOPSOIL, SEEDING, AND MULCHING	132	LF	\$4.00	\$528.00	\$1.50	\$198.00	\$2.75	\$363.00	\$1.40	\$184.80	\$2.00	\$264.00	\$1.89	\$249.48	\$2.00	\$264.00
31	FLOW METERING STATION	1	LS	\$157,850.00	\$157,850.00	\$125,000.00	\$125,000.00	\$168,800.00	\$168,800.00	\$120,000.00	\$120,000.00	\$218,000.00	\$218,000.00	\$194,675.22	\$194,675.22	\$200,000.00	\$200,000.00
32	PHONE LINE TO FLOW METERING STATION	2,000	LF	\$4.00	\$8,000.00	\$4.00	\$8,000.00	\$5.00	\$10,000.00	\$2.75	\$5,500.00	\$6.50	\$13,000.00	\$7.56	\$15,120.00	\$5.00	\$10,000.00
33	CLOSED CIRCUIT TELEVISION (CCTV) INSPECTION																
A	24-in Pipe	132	LF	\$1.00	\$132.00	\$1.00	\$132.00	\$0.85	\$112.20	\$1.00	\$132.00	\$3.00	\$396.00	\$1.44	\$190.08	\$1.00	\$132.00
B	Existing 12-in Pipe in Existing Easements Where Noted on the Plans																
	(1) Before construction activity	360	LF	\$1.05	\$378.00	\$1.00	\$360.00	\$1.00	\$360.00	\$1.00	\$360.00	\$4.00	\$1,440.00	\$2.40	\$864.00	\$1.00	\$360.00
	(2) After construction activity	360	LF	\$1.05	\$378.00	\$1.00	\$360.00	\$1.00	\$360.00	\$1.00	\$360.00	\$3.00	\$1,080.00	\$2.40	\$864.00	\$1.00	\$360.00
34	TESTING SEWER PIPES AND MANHOLES																
A	24-in. Pipe	112	LF	\$1.00	\$112.00	\$2.00	\$224.00	\$1.00	\$112.00	\$0.65	\$72.80	\$1.00	\$112.00	\$2.40	\$268.80	\$1.00	\$112.00
B	5-ft. Diameter Manholes	1	EA	\$100.00	\$100.00	\$300.00	\$300.00	\$150.00	\$150.00	\$128.00	\$128.00	\$100.00	\$100.00	\$360.00	\$360.00	\$100.00	\$100.00
C	6-ft. Diameter Manhole	1	EA	\$100.00	\$100.00	\$400.00	\$400.00	\$200.00	\$200.00	\$128.00	\$128.00	\$200.00	\$200.00	\$420.00	\$420.00	\$100.00	\$100.00
	PART 2 SUBTOTAL (Items 21 - 34)(Mecklenburg County)				\$214,410.40		\$188,497.00		\$225,753.20		\$176,933.52		\$284,779.00		\$275,124.80		\$265,743.80
	PART 1 SUBTOTAL (Items 1 - 20)(Cabarrus County)				\$2,555,198.40		\$2,994,331.00		\$2,938,476.60		\$3,252,727.36		\$3,182,896.20		\$3,559,462.10		\$3,885,471.61
	SUB-TOTAL PARTS 1 & 2 (Items 1 - 34)(Both Counties)				\$2,769,608.80		\$3,182,828.00		\$3,164,229.80		\$3,429,660.88		\$3,467,675.20		\$3,834,586.90		\$4,151,215.41
35	MOBILIZATION (Maximum of 3% of Subtotal Parts 1 & 2)	1	LS		\$83,088.26		\$75,000.00		\$94,926.89		\$102,889.83		\$102,000.00		\$107,990.31		\$122,000.00
	SUBTOTAL (Parts 1 & 2 Plus Mobilization)				\$2,852,697.06		\$3,257,828.00		\$3,259,156.69		\$3,532,550.71		\$3,569,675.20		\$3,942,577.21		\$4,273,215.41
36	CONTINGENCY ALLOWANCE (5% of SUBTOTAL)	1	LS		\$142,634.85		\$162,891.40		\$162,957.83		\$176,627.54		\$178,483.76		\$191,729.35		\$213,660.77
	BID TOTAL				\$2,995,331.91		\$3,420,719.40		\$3,422,114.52		\$3,709,178.25		\$3,748,158.96		\$4,134,306.56		\$4,486,876.18

MCKEE CREEK INTERCEPTOR CMU Project No. 146-02-650				8		9		10		11		12		Average of All Bids	
				Rockdale Pipeline, Inc. Conyers, GA License No. 25050		Buckeye Construction Co., Inc. Canton, NC License No. 23096		BC&D Associates, Inc. Cullowhee, NC License No. 30706		Haren Construction, Inc. Etowah, TN License No. 7770		Don Moorhead Construction, Inc. Belton, SC License No. 13892			
BID TOTAL				\$ 4,601,782.59		\$ 4,647,101.81		\$ 4,685,190.00		\$ 4,780,291.81		\$ 5,399,266.11		\$ 4,169,193.17	
Item	Description	Quantity	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
PART 1 - CABARRUS COUNTY PORTION (Sta. 0+00.00 to Sta. 128+)															
1	FURNISHING AND INSTALLING GRAVITY SANITARY SEWER PIPE														
A	Furnish and Install 24-inch Gravity Sewer Pipe (Pipe Material:			PVC SDR 26		PVC		PVC		PVC		PVC		PVC	
	(1) 0'-8' Depth	789	LF	\$123.18	\$97,189.02	\$133.80	\$105,568.20	\$135.00	\$106,515.00	\$110.00	\$86,790.00	\$177.00	\$139,653.00	\$110.64	\$87,294.96
	(2) 8'-10' Depth	1,117	LF	\$125.34	\$140,004.78	\$134.90	\$150,683.30	\$135.00	\$150,795.00	\$115.00	\$128,455.00	\$177.00	\$197,709.00	\$112.07	\$125,182.19
	(3) 10'-12' Depth	1,843	LF	\$127.50	\$234,982.50	\$136.10	\$250,832.30	\$135.00	\$248,805.00	\$120.00	\$221,160.00	\$177.00	\$326,211.00	\$113.60	\$209,364.80
	(4) 12'-14' Depth	1,332	LF	\$128.58	\$171,268.56	\$138.80	\$184,881.60	\$135.00	\$179,820.00	\$130.00	\$173,160.00	\$177.00	\$235,764.00	\$117.09	\$155,963.88
	(5) 14'-16' Depth	1,196	LF	\$129.66	\$155,073.36	\$142.00	\$169,832.00	\$135.00	\$161,460.00	\$135.00	\$161,460.00	\$177.00	\$211,692.00	\$120.19	\$143,747.24
	(6) 16'-18' Depth	951	LF	\$133.99	\$127,424.49	\$148.00	\$140,748.00	\$135.00	\$128,385.00	\$145.00	\$137,895.00	\$177.00	\$168,327.00	\$125.72	\$119,559.72
	(7) 18'-20' Depth	1,254	LF	\$150.21	\$188,363.34	\$160.20	\$200,890.80	\$135.00	\$169,290.00	\$155.00	\$194,370.00	\$197.00	\$247,038.00	\$133.34	\$167,208.36
	(8) 20'-22' Depth	1,006	LF	\$166.44	\$167,438.64	\$175.20	\$176,251.20	\$135.00	\$135,810.00	\$175.00	\$176,050.00	\$197.00	\$198,182.00	\$141.44	\$142,288.64
	(9) 22'-24' Depth	368	LF	\$171.84	\$63,237.12	\$201.30	\$74,078.40	\$135.00	\$49,680.00	\$190.00	\$69,920.00	\$197.00	\$72,496.00	\$155.90	\$57,371.20
	(10) 24'-26' Depth	218	LF	\$177.25	\$38,640.50	\$233.20	\$50,837.60	\$135.00	\$29,430.00	\$200.00	\$43,600.00	\$197.00	\$42,946.00	\$166.59	\$36,316.62
	(11) 26' Depth and greater	280	LF	\$204.29	\$57,201.20	\$361.10	\$101,108.00	\$135.00	\$37,800.00	\$225.00	\$63,000.00	\$197.00	\$55,160.00	\$195.75	\$54,810.00
B	Furnish and Install 24-in. Gravity Sewer Pipe (Pipe Material - DIP CLASS 350 - PLAN SHEETS 4 THROUGH 16														
	(1) 0'-6' Depth	26	LF	\$179.29	\$4,661.54	\$243.90	\$6,341.40	\$175.00	\$4,550.00	\$165.00	\$4,290.00	\$243.00	\$6,318.00	\$188.06	\$4,889.56
	(2) 6'-8' Depth	151	LF	\$181.46	\$27,400.46	\$245.00	\$36,995.00	\$175.00	\$26,425.00	\$165.00	\$24,915.00	\$243.00	\$36,693.00	\$189.17	\$28,564.67
	(3) 8'-10' Depth	522	LF	\$183.62	\$95,849.64	\$246.10	\$128,464.20	\$175.00	\$91,350.00	\$175.00	\$91,350.00	\$243.00	\$126,846.00	\$191.52	\$99,973.44
	(4) 10'-12' Depth	524	LF	\$184.70	\$96,782.80	\$247.20	\$129,532.80	\$175.00	\$91,700.00	\$180.00	\$94,320.00	\$243.00	\$127,332.00	\$193.12	\$101,194.88
	(5) 12'-14' Depth	359	LF	\$185.78	\$66,695.02	\$249.90	\$89,714.10	\$175.00	\$62,825.00	\$185.00	\$66,415.00	\$243.00	\$87,237.00	\$196.52	\$70,550.68
	(6) 14'-16' Depth	483	LF	\$190.11	\$91,823.13	\$253.10	\$122,247.30	\$175.00	\$84,525.00	\$190.00	\$91,770.00	\$243.00	\$117,369.00	\$200.73	\$96,952.59
	(7) 16'-18' Depth	149	LF	\$192.27	\$28,648.23	\$259.20	\$38,620.80	\$175.00	\$26,075.00	\$210.00	\$31,290.00	\$243.00	\$36,207.00	\$206.67	\$30,793.83
	(8) 18'-20' Depth	84	LF	\$206.33	\$17,331.72	\$271.30	\$22,789.20	\$175.00	\$14,700.00	\$225.00	\$18,900.00	\$263.00	\$22,092.00	\$215.35	\$18,089.40
	(9) 20'-22' Depth	36	LF	\$222.55	\$8,011.80	\$286.30	\$10,306.80	\$175.00	\$6,300.00	\$250.00	\$9,000.00	\$263.00	\$9,468.00	\$227.20	\$8,179.20
	(10) 22'-24' Depth	99	LF	\$227.96	\$22,568.04	\$312.40	\$30,927.60	\$175.00	\$17,325.00	\$275.00	\$27,225.00	\$263.00	\$26,037.00	\$240.57	\$23,816.43
	(11) 24' Depth and greater	17	LF	\$238.78	\$4,059.26	\$344.40	\$5,854.80	\$175.00	\$2,975.00	\$300.00	\$5,100.00	\$263.00	\$4,471.00	\$260.56	\$4,429.52
2	BASIC 0'-6' DEPTH MANHOLES														
A	5-ft. Diameter Manhole with 24-INCH Bolted Down Frame and Cover	34	EA	\$3,787.41	\$128,771.94	\$2,206.50	\$75,021.00	\$2,000.00	\$68,000.00	\$2,600.00	\$88,400.00	\$3,000.00	\$102,000.00	\$2,274.95	\$77,348.30
3	EXTRA DEPTH FOR ALL MANHOLES														
A	5-ft. Diameter Manhole	352	VF	\$99.75	\$35,112.00	\$152.05	\$53,521.60	\$200.00	\$70,400.00	\$100.00	\$35,200.00	\$160.00	\$56,320.00	\$144.06	\$50,709.12
4	FURNISHING AND INSTALLING STEEL VENT ASSEMBLY ON DESIGNATED MANHOLES														
A	3-inch Diameter	202	VF	\$81.58	\$16,479.16	\$139.30	\$28,138.60	\$50.00	\$10,100.00	\$100.00	\$20,200.00	\$95.00	\$19,190.00	\$79.36	\$16,030.72
5	LININGS FOR MANHOLES														
A	Basic 0' - 6' Depth Manholes														
	(1) 5-ft. Diameter Manhole	34	EA	\$1,160.45	\$39,455.30	\$1,750.00	\$59,500.00	\$3,000.00	\$102,000.00	\$1,660.00	\$56,440.00	\$1,850.00	\$62,900.00	\$1,527.66	\$51,940.44
B	Extra Depth for Manholes, Complete in Place														
	(1) 5-ft. Diameter Manhole	352	VF	\$210.89	\$74,233.28	\$292.00	\$102,784.00	\$300.00	\$105,600.00	\$230.00	\$80,960.00	\$278.00	\$97,856.00	\$237.51	\$83,603.52
6	CONNECTION TO EXISTING SANITARY SEWER MANHOLE #MK-0														
		1	LS	\$3,244.50	\$3,244.50	\$1,850.00	\$1,850.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$6,730.62	\$6,730.62

MCKEE CREEK INTERCEPTOR CMU Project No. 146-02-650				8		9		10		11		12		Average of All Bids	
				Rockdale Pipeline, Inc. Conyers, GA License No. 25050		Buckeye Construction Co., Inc. Canton, NC License No. 23096		BC&D Associates, Inc. Cullowhee, NC License No. 30706		Haren Construction, Inc. Etowah, TN License No. 7770		Don Moorhead Construction, Inc. Belton, SC License No. 13892			
BID TOTAL				\$ 4,601,782.59		\$ 4,647,101.81		\$ 4,685,190.00		\$ 4,780,291.81		\$ 5,399,266.11		\$ 4,169,193.17	
Item	Description	Quantity	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
7	ROADWAY CROSSING														
A	Tunnel														
	(1) Furnish and Install 74 LF of a 72-inch Dia. Tunnel under Peach Orchard Road (SR 1169) complete with Tunnel Shaft(s), 24-inch Ductile Iron Carrier Pipe, Traffic Control, Instrumentation and Monitoring, and other items as specified.	1	LS	\$202,013.34	\$202,013.34	\$246,113.00	\$246,113.00	\$225,000.00	\$225,000.00	\$300,000.00	\$300,000.00	\$260,000.00	\$260,000.00	\$209,091.87	\$209,091.87
8	CLEARING, GRUBBING, AND DEBRIS DISPOSAL	12,804	LF	\$3.24	\$41,484.96	\$3.30	\$42,253.20	\$6.00	\$76,824.00	\$4.00	\$51,216.00	\$4.00	\$51,216.00	\$6.55	\$83,866.20
9	ROCK EXCAVATION	16,130	CY	\$40.00	\$645,200.00	\$40.00	\$645,200.00	\$40.00	\$645,200.00	\$58.00	\$935,540.00	\$60.00	\$967,800.00	\$43.33	\$698,912.90
10	STONE STABILIZATION MATERIAL	5,540	TN	\$23.47	\$130,023.80	\$30.55	\$169,247.00	\$40.00	\$221,600.00	\$36.00	\$199,440.00	\$45.00	\$249,300.00	\$28.62	\$158,554.80
11	FURNISHING AND INSTALLING STREAM BANK STABILIZATION	1,300	SY	\$29.34	\$38,142.00	\$37.40	\$48,620.00	\$40.00	\$52,000.00	\$12.00	\$15,600.00	\$48.00	\$62,400.00	\$18.81	\$24,453.00
12	FURNISHING AND INSTALLING CLAY ANTI-SEEP COLLARS	30	EA	\$176.01	\$5,280.30	\$750.65	\$22,519.50	\$500.00	\$15,000.00	\$225.00	\$6,750.00	\$375.00	\$11,250.00	\$401.39	\$12,041.70
13	CONSTRUCT AND MAINTAIN VARIOUS EROSION CONTROL DEVICES														
A	Temporary Stream Crossing for Sewer Installation														
	(1) Station 49+35	1	LS	\$22,062.33	\$22,062.33	\$7,112.50	\$7,112.50	\$10,000.00	\$10,000.00	\$16,500.00	\$16,500.00	\$3,500.00	\$3,500.00	\$11,497.04	\$11,497.04
	(2) Station 94+10	1	LS	\$22,062.33	\$22,062.33	\$7,165.00	\$7,165.00	\$10,000.00	\$10,000.00	\$17,000.00	\$17,000.00	\$3,500.00	\$3,500.00	\$10,993.08	\$10,993.08
	(3) Station 119+60	1	LS	\$11,412.53	\$11,412.53	\$6,660.00	\$6,660.00	\$10,000.00	\$10,000.00	\$16,800.00	\$16,800.00	\$3,500.00	\$3,500.00	\$9,606.43	\$9,606.43
B	Temporary Access Crossings for Vehicular Access														
	(1) Access - Hickory Ridge Road to Manhole #MK-0, with 70 LF of 30-in Diameter Pipe (2 each - 30-in. diameter, 35LF/pipe)	1	LS	\$102,001.13	\$102,001.13	\$6,336.00	\$6,336.00	\$12,000.00	\$12,000.00	\$11,000.00	\$11,000.00	\$7,000.00	\$7,000.00	\$19,912.40	\$19,912.40
	(2) Station 20+75	1	LS	\$9,652.39	\$9,652.39	\$6,371.00	\$6,371.00	\$10,000.00	\$10,000.00	\$3,250.00	\$3,250.00	\$7,000.00	\$7,000.00	\$6,687.98	\$6,687.98
	(3) Station 27+95	1	LS	\$8,713.65	\$8,713.65	\$6,350.00	\$6,350.00	\$10,000.00	\$10,000.00	\$3,600.00	\$3,600.00	\$7,000.00	\$7,000.00	\$6,637.16	\$6,637.16
	(4) Station 46+25	1	LS	\$8,478.96	\$8,478.96	\$6,371.00	\$6,371.00	\$10,000.00	\$10,000.00	\$3,300.00	\$3,300.00	\$7,000.00	\$7,000.00	\$6,244.36	\$6,244.36
	(5) Station 49+10	1	LS	\$12,585.96	\$12,585.96	\$6,371.00	\$6,371.00	\$10,000.00	\$10,000.00	\$12,000.00	\$12,000.00	\$14,000.00	\$14,000.00	\$8,411.61	\$8,411.61
	(6) Station 52+65	1	LS	\$7,892.25	\$7,892.25	\$6,371.00	\$6,371.00	\$10,000.00	\$10,000.00	\$2,900.00	\$2,900.00	\$7,000.00	\$7,000.00	\$6,195.46	\$6,195.46
	(7) Station 52+95	1	LS	\$7,892.25	\$7,892.25	\$6,371.00	\$6,371.00	\$10,000.00	\$10,000.00	\$2,900.00	\$2,900.00	\$7,000.00	\$7,000.00	\$6,153.80	\$6,153.80
	(8) Station 55+65	1	LS	\$7,892.25	\$7,892.25	\$6,371.00	\$6,371.00	\$10,000.00	\$10,000.00	\$6,400.00	\$6,400.00	\$7,000.00	\$7,000.00	\$6,745.46	\$6,745.46
	(9) Station 69+00	1	LS	\$7,892.25	\$7,892.25	\$6,371.00	\$6,371.00	\$10,000.00	\$10,000.00	\$8,300.00	\$8,300.00	\$7,000.00	\$7,000.00	\$6,812.13	\$6,812.13
	(10) Station 70+00	1	LS	\$7,892.25	\$7,892.25	\$6,371.00	\$6,371.00	\$10,000.00	\$10,000.00	\$4,600.00	\$4,600.00	\$7,000.00	\$7,000.00	\$6,295.46	\$6,295.46
	(11) Station 79+90	1	LS	\$12,585.96	\$12,585.96	\$6,371.00	\$6,371.00	\$10,000.00	\$10,000.00	\$7,800.00	\$7,800.00	\$14,000.00	\$14,000.00	\$8,194.94	\$8,194.94
	(12) Station 102+50	1	LS	\$7,892.25	\$7,892.25	\$6,371.00	\$6,371.00	\$10,000.00	\$10,000.00	\$3,775.00	\$3,775.00	\$10,000.00	\$10,000.00	\$6,726.71	\$6,726.71
C	Temporary Silt Fence														
	(1) Manholes #MK-0 to #MK-35	12,804	LF	\$3.24	\$41,484.96	\$1.90	\$24,327.60	\$10.00	\$128,040.00	\$2.25	\$28,809.00	\$2.50	\$32,010.00	\$2.65	\$33,930.60
	(2) Access - Hickory Ridge Road to Manhole #MK-0	2,700	LF	\$3.24	\$8,748.00	\$1.90	\$5,130.00	\$5.00	\$13,500.00	\$20.00	\$54,000.00	\$2.50	\$6,750.00	\$3.60	\$9,720.00
D	Temporary Orange Construction Fence														
	(1) Manholes #MK-0 to #MK-35	12,804	LF	\$1.51	\$19,334.04	\$1.60	\$20,486.40	\$5.00	\$64,020.00	\$1.60	\$20,486.40	\$1.80	\$23,047.20	\$1.72	\$22,022.88
	(2) Access - Hickory Ridge Road to Manhole #MK-0	2,700	LF	\$1.51	\$4,077.00	\$1.60	\$4,320.00	\$5.00	\$13,500.00	\$1.60	\$4,320.00	\$1.80	\$4,860.00	\$1.64	\$4,428.00
E	Temporary Construction Entrance	3	EA	\$1,760.14	\$5,280.42	\$2,100.00	\$6,300.00	\$5,000.00	\$15,000.00	\$3,200.00	\$9,600.00	\$1,800.00	\$5,400.00	\$2,015.55	\$6,046.65
14	TEMPORARY CONSTRUCTION ACCESS THROUGH BRADFIELD FARMS WATER COMPANY PROPERTY	1	LS	\$33,442.68	\$33,442.68	\$15,930.00	\$15,930.00	\$10,000.00	\$10,000.00	\$24,000.00	\$24,000.00	\$3,500.00	\$3,500.00	\$11,774.39	\$11,774.39
15	RE-ALIGN A PORTION OF EXISTING FENCING ON BRADFIELD FARMS WATER COMPANY PROPERTY	1	LS	\$5,867.14	\$5,867.14	\$1,773.00	\$1,773.00	\$10,000.00	\$10,000.00	\$4,000.00	\$4,000.00	\$1,200.00	\$1,200.00	\$3,175.01	\$3,175.01
16	GATES FOR NEW OR EXISTING FENCES CROSSED	11	EA	\$540.75	\$5,948.25	\$1,245.00	\$13,695.00	\$1,000.00	\$11,000.00	\$425.00	\$4,675.00	\$750.00	\$8,250.00	\$607.31	\$6,680.41

MCKEE CREEK INTERCEPTOR CMU Project No. 146-02-650				8		9		10		11		12		Average of All Bids	
				Rockdale Pipeline, Inc. Conyers, GA License No. 25050		Buckeye Construction Co., Inc. Canton, NC License No. 23096		BC&D Associates, Inc. Cullowhee, NC License No. 30706		Haren Construction, Inc. Etowah, TN License No. 7770		Don Moorhead Construction, Inc. Belton, SC License No. 13892			
BID TOTAL				\$ 4,601,782.59		\$ 4,647,101.81		\$ 4,685,190.00		\$ 4,780,291.81		\$ 5,399,266.11		\$ 4,169,193.17	
Item	Description	Quantity	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
17	REPLACEMENT/NEW FENCING	1,310	LF	\$5.41	\$7,087.10	\$6.80	\$8,908.00	\$10.00	\$13,100.00	\$7.00	\$9,170.00	\$16.00	\$20,960.00	\$7.36	\$9,641.60
18	TOPSOIL, SEEDING, AND MULCHING														
A	Manhole #MK-0 to Manhole #MK-35	12,804	LF	\$5.41	\$69,269.64	\$2.50	\$32,010.00	\$3.00	\$38,412.00	\$5.50	\$70,422.00	\$1.50	\$19,206.00	\$2.69	\$34,442.76
B	Construction Access - Hickory Ridge Road to Manhole #MK-0	2,700	LF	\$11.36	\$30,672.00	\$2.50	\$6,750.00	\$2.00	\$5,400.00	\$5.50	\$14,850.00	\$1.50	\$4,050.00	\$3.20	\$8,640.00
19	CLOSED CIRCUIT TELEVISION (CCTV) INSPECTION														
A	24-in Pipe	12,804	LF	\$1.08	\$13,828.32	\$1.60	\$20,486.40	\$6.00	\$76,824.00	\$1.30	\$16,645.20	\$4.00	\$51,216.00	\$1.91	\$24,455.64
B	Existing 8-in Pipe on Bradfield Farms Water Company Property and in Existing Easements Where Noted on the Plans														
(1)	Before construction activity	820	LF	\$2.16	\$1,771.20	\$2.15	\$1,763.00	\$6.00	\$4,920.00	\$2.75	\$2,255.00	\$3.00	\$2,460.00	\$2.27	\$1,861.40
(2)	After construction activity	820	LF	\$2.16	\$1,771.20	\$2.15	\$1,763.00	\$6.00	\$4,920.00	\$2.75	\$2,255.00	\$3.00	\$2,460.00	\$2.18	\$1,787.60
C	Existing 12-in Pipe on Bradfield Farms Water Company Property and in Existing Easements Where Noted on the Plans														
(1)	Before construction activity	628	LF	\$2.16	\$1,356.48	\$2.15	\$1,350.20	\$6.00	\$3,768.00	\$3.50	\$2,198.00	\$3.00	\$1,884.00	\$2.33	\$1,463.24
(2)	After construction activity	628	LF	\$2.16	\$1,356.48	\$2.15	\$1,350.20	\$6.00	\$3,768.00	\$3.50	\$2,198.00	\$3.00	\$1,884.00	\$2.25	\$1,413.00
20	TESTING SEWER PIPES AND MANHOLES														
A	24-in. Pipe	12,804	LF	\$2.16	\$27,656.64	\$0.95	\$12,163.80	\$2.00	\$25,608.00	\$2.00	\$25,608.00	\$1.00	\$12,804.00	\$1.43	\$18,309.72
B	5-ft. Diameter Manholes	34	EA	\$216.30	\$7,354.20	\$200.50	\$6,817.00	\$200.00	\$6,800.00	\$270.00	\$9,180.00	\$200.00	\$6,800.00	\$194.73	\$6,620.82
PART 1 SUBTOTAL (Items 1 - 20)(Cabarrus County)					\$3,807,310.22		\$4,004,930.40		\$4,028,844.00		\$4,144,977.60		\$4,765,721.20		\$3,593,352.74
PART 2 - MECKLENBURG COUNTY PORTION (Sta. 128+77.74 to Sta. 128+77.74)															
21	FURNISHING AND INSTALLING GRAVITY SANITARY SEWER PIPE														
A	Furnish and Install 24-in. Gravity Sewer Pipe (Pipe Material - DIP CLASS 250 - PLAN SHEET 16A)														
(1)	0'-18' Depth	33	LF	\$199.81	\$6,593.73	\$200.70	\$6,623.10	\$200.00	\$6,600.00	\$200.00	\$6,600.00	\$300.00	\$9,900.00	\$201.39	\$6,645.87
(2)	18'-20' Depth	73	LF	\$216.03	\$15,770.19	\$212.90	\$15,541.70	\$200.00	\$14,600.00	\$225.00	\$16,425.00	\$300.00	\$21,900.00	\$211.85	\$15,465.05
(3)	20' Depth and greater	6	LF	\$243.07	\$1,458.42	\$227.80	\$1,366.80	\$200.00	\$1,200.00	\$350.00	\$2,100.00	\$300.00	\$1,800.00	\$242.51	\$1,455.06
22	BASIC 0'-6' DEPTH MANHOLES														
A	5-ft. Diameter Manhole with 30-INCH Bolted Down Frame and Cover	1	EA	\$3,787.41	\$3,787.41	\$2,141.50	\$2,141.50	\$3,000.00	\$3,000.00	\$3,300.00	\$3,300.00	\$3,000.00	\$3,000.00	\$2,455.44	\$2,455.44
B	6-ft. Diameter Manhole with 30-INCH Bolted Down Frame and Cover	1	EA	\$5,483.21	\$5,483.21	\$2,452.00	\$2,452.00	\$5,000.00	\$5,000.00	\$4,500.00	\$4,500.00	\$3,500.00	\$3,500.00	\$3,198.47	\$3,198.47
23	EXTRA DEPTH FOR ALL MANHOLES														
A	5-ft. Diameter Manhole	12	VF	\$99.75	\$1,197.00	\$153.25	\$1,839.00	\$200.00	\$2,400.00	\$160.00	\$1,920.00	\$160.00	\$1,920.00	\$157.58	\$1,890.96
B	6-ft. Diameter Manhole	14	VF	\$2,346.86	\$32,856.04	\$210.80	\$2,951.20	\$300.00	\$4,200.00	\$220.00	\$3,080.00	\$500.00	\$7,000.00	\$428.17	\$5,994.38
24	FURNISHING AND INSTALLING STEEL VENT ASSEMBLY ON DESIGNATED MANHOLES														
A	5-inch Diameter	11	VF	\$11.73	\$129.03	\$286.45	\$3,150.95	\$50.00	\$550.00	\$375.00	\$4,125.00	\$95.00	\$1,045.00	\$130.94	\$1,440.34

MCKEE CREEK INTERCEPTOR CMU Project No. 146-02-650				8		9		10		11		12		Average of All Bids	
				Rockdale Pipeline, Inc. Conyers, GA License No. 25050		Buckeye Construction Co., Inc. Canton, NC License No. 23096		BC&D Associates, Inc. Cullowhee, NC License No. 30706		Haren Construction, Inc. Etowah, TN License No. 7770		Don Moorhead Construction, Inc. Belton, SC License No. 13892			
BID TOTAL				\$ 4,601,782.59		\$ 4,647,101.81		\$ 4,685,190.00		\$ 4,780,291.81		\$ 5,399,266.11		\$ 4,169,193.17	
Item	Description	Quantity	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
25	LININGS FOR MANHOLES														
A	Basic 0' - 6' Depth Manholes														
	(1) 5-ft. Diameter Manhole	1	EA	\$1,160.45	\$1,160.45	\$1,750.00	\$1,750.00	\$3,000.00	\$3,000.00	\$1,650.00	\$1,650.00	\$2,300.00	\$2,300.00	\$1,561.90	\$1,561.90
	(2) 6-ft Diameter Manhole	1	EA	\$1,445.97	\$1,445.97	\$2,699.00	\$2,699.00	\$4,000.00	\$4,000.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$2,014.19	\$2,014.19
B	Extra Depth for Manholes, Complete in Place														
	(1) 5-ft. Diameter Manhole	12	VF	\$210.89	\$2,530.68	\$291.70	\$3,500.40	\$500.00	\$6,000.00	\$235.00	\$2,820.00	\$350.00	\$4,200.00	\$260.18	\$3,122.16
	(2) 6-ft Diameter Manhole	14	VF	\$262.80	\$3,679.20	\$450.00	\$6,300.00	\$600.00	\$8,400.00	\$80.00	\$1,120.00	\$350.00	\$4,900.00	\$309.06	\$4,326.84
26	CLEARING, GRUBBING, AND DEBRIS DISPOSAL	132	LF	\$8.65	\$1,141.80	\$3.30	\$435.60	\$10.00	\$1,320.00	\$6.00	\$792.00	\$12.00	\$1,584.00	\$6.79	\$896.28
27	ROCK EXCAVATION	170	CY	\$40.00	\$6,800.00	\$40.00	\$6,800.00	\$100.00	\$17,000.00	\$62.00	\$10,540.00	\$60.00	\$10,200.00	\$48.67	\$8,273.90
28	STONE STABILIZATION MATERIAL	60	TN	\$23.47	\$1,408.20	\$33.60	\$2,016.00	\$50.00	\$3,000.00	\$40.00	\$2,400.00	\$45.00	\$2,700.00	\$29.95	\$1,797.00
29	CONSTRUCT AND MAINTAIN VARIOUS EROSION CONTROL DEVICES														
A	Temporary Silt Fence	132	LF	\$3.24	\$427.68	\$1.90	\$250.80	\$10.00	\$1,320.00	\$5.00	\$660.00	\$3.00	\$396.00	\$2.98	\$393.36
B	Temporary Orange Construction Fence	132	LF	\$1.51	\$199.32	\$1.60	\$211.20	\$10.00	\$1,320.00	\$3.00	\$396.00	\$3.00	\$396.00	\$2.42	\$319.44
30	TOPSOIL, SEEDING, AND MULCHING	132	LF	\$2.16	\$285.12	\$2.50	\$330.00	\$10.00	\$1,320.00	\$9.00	\$1,188.00	\$15.00	\$1,980.00	\$4.52	\$596.64
31	FLOW METERING STATION	1	LS	\$349,512.68	\$349,512.68	\$283,819.00	\$283,819.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$159,000.00	\$159,000.00	\$198,054.74	\$198,054.74
32	PHONE LINE TO FLOW METERING STATION	2,000	LF	\$4.33	\$8,660.00	\$2.30	\$4,600.00	\$5.00	\$10,000.00	\$2.00	\$4,000.00	\$7.00	\$14,000.00	\$4.62	\$9,240.00
33	CLOSED CIRCUIT TELEVISION (CCTV) INSPECTION														
A	24-in Pipe	132	LF	\$2.16	\$285.12	\$1.60	\$211.20	\$10.00	\$1,320.00	\$1.00	\$132.00	\$2.00	\$264.00	\$2.17	\$286.44
B	Existing 12-in Pipe in Existing Easements Where Noted on the Plans														
	(1) Before construction activity	360	LF	\$2.16	\$777.60	\$2.15	\$774.00	\$10.00	\$3,600.00	\$4.00	\$1,440.00	\$2.00	\$720.00	\$2.65	\$954.00
	(2) After construction activity	360	LF	\$2.16	\$777.60	\$2.15	\$774.00	\$10.00	\$3,600.00	\$4.00	\$1,440.00	\$2.00	\$720.00	\$2.56	\$921.60
34	TESTING SEWER PIPES AND MANHOLES														
A	24-in. Pipe	112	LF	\$2.16	\$241.92	\$0.95	\$106.40	\$8.00	\$896.00	\$15.00	\$1,680.00	\$1.00	\$112.00	\$3.01	\$337.12
B	5-ft. Diameter Manholes	1	EA	\$540.75	\$540.75	\$201.00	\$201.00	\$300.00	\$300.00	\$325.00	\$325.00	\$200.00	\$200.00	\$233.73	\$233.73
C	6-ft. Diameter Manhole	1	EA	\$540.75	\$540.75	\$201.00	\$201.00	\$400.00	\$400.00	\$365.00	\$365.00	\$200.00	\$200.00	\$271.23	\$271.23
	PART 2 SUBTOTAL (Items 21 - 34)(Mecklenburg County)				\$447,689.87		\$351,045.85		\$304,346.00		\$274,998.00		\$256,437.00		\$272,146.14
	PART 1 SUBTOTAL (Items 1 - 20)(Cabarrus County)				\$3,807,310.22		\$4,004,930.40		\$4,028,844.00		\$4,144,977.60		\$4,765,721.20		\$3,593,352.74
	SUB-TOTAL PARTS 1 & 2 (Items 1 - 34)(Both Counties)				\$4,255,000.09		\$4,355,976.25		\$4,333,190.00		\$4,419,975.60		\$5,022,158.20		\$3,865,498.88
35	MOBILIZATION (Maximum of 3% of Subtotal Parts 1 & 2)	1	LS		\$127,650.00		\$69,835.00		\$129,000.00		\$132,683.27		\$120,000.00		\$105,588.63
	SUBTOTAL (Parts 1 & 2 Plus Mobilization)				\$4,382,650.09		\$4,425,811.25		\$4,462,190.00		\$4,552,658.87		\$5,142,158.20		\$3,971,097.39
36	CONTINGENCY ALLOWANCE (5% of SUBTOTAL)	1	LS		\$219,132.50		\$221,290.56		\$223,000.00		\$227,632.94		\$257,107.91		\$198,095.78
	BID TOTAL				\$4,601,782.59		\$4,647,101.81		\$4,685,190.00		\$4,780,291.81		\$5,399,266.11		\$4,169,193.17