

SANITARY SEWER CONSTRUCTION TORRENCE CREEK TRIBUTARY #1 NORTH, SAM FURR ROAD/KNOXWOOD DRIVE TRUNK, AND KNOXWOOD DRIVE TRUNK				1		2		3		4	
				Dellinger, Inc. Monroe, NC		B.R.S., Inc. Richfield, NC		Sanders Utility Construction Co., Inc. Charlotte, NC		State Utility Contractors, Inc. Monroe, NC	
ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	FOR FURNISHING AND INSTALLING GRAVITY SANITARY SEWER PIPE, AS SPECIFIED, COMPLETE IN PLACE										
A.	15" SANITARY SEWER PIPE										
1)	0' - 6' DEPTH	312	LF	\$35.00	\$10,920.00	\$45.35	\$14,149.20	\$35.00	\$10,920.00	\$51.00	\$15,912.00
2)	6' - 8' DEPTH	728	LF	\$40.00	\$29,120.00	\$47.35	\$34,470.80	\$38.00	\$27,664.00	\$52.00	\$37,856.00
3)	8' - 10' DEPTH	2,942	LF	\$45.00	\$132,390.00	\$55.35	\$162,839.70	\$40.00	\$117,680.00	\$54.00	\$158,868.00
4)	10' - 12' DEPTH	206	LF	\$55.00	\$11,330.00	\$60.35	\$12,432.10	\$50.00	\$10,300.00	\$58.00	\$11,948.00
5)	12' - 14' DEPTH	14	LF	\$75.00	\$1,050.00	\$70.35	\$984.90	\$60.00	\$840.00	\$65.00	\$910.00
6)	14' - 16'	23	LF	\$95.00	\$2,185.00	\$80.35	\$1,848.05	\$70.00	\$1,610.00	\$80.00	\$1,840.00
7)	16' AND DEEPER	30	LF	\$140.00	\$4,200.00	\$95.35	\$2,860.50	\$80.00	\$2,400.00	\$100.00	\$3,000.00
B.	8" SANITARY SEWER PIPE										
1)	0'-6' DEPTH	572	LF	\$30.00	\$17,160.00	\$36.60	\$20,935.20	\$22.00	\$12,584.00	\$41.00	\$23,452.00
2)	6'-8' DEPTH	1,652	LF	\$35.00	\$57,820.00	\$38.60	\$63,767.20	\$25.00	\$41,300.00	\$42.00	\$69,384.00
3)	8'-10' DEPTH	1,627	LF	\$40.00	\$65,080.00	\$44.60	\$72,564.20	\$30.00	\$48,810.00	\$44.00	\$71,588.00
4)	10'-12' DEPTH	2,039	LF	\$50.00	\$101,950.00	\$49.60	\$101,134.40	\$40.00	\$81,560.00	\$47.00	\$95,833.00
5)	12'-14' DEPTH	643	LF	\$70.00	\$45,010.00	\$59.60	\$38,322.80	\$45.00	\$28,935.00	\$52.00	\$33,436.00
6)	14'-16' DEPTH	111	LF	\$90.00	\$9,990.00	\$69.60	\$7,725.60	\$50.00	\$5,550.00	\$70.00	\$7,770.00
7)	16' AND DEEPER	27	LF	\$135.00	\$3,645.00	\$84.60	\$2,284.20	\$60.00	\$1,620.00	\$90.00	\$2,430.00
2	FOR SUBSTITUTING DUCTILE IRON PIPE, AS SPECIFIED, COMPLETE IN PLACE.										
A.	14-INCH DUCTILE IRON (PRESSURE CLASS 350) - ADD ON TO ITEM 1	80	LF	\$15.00	\$1,200.00	\$14.00	\$1,120.00	\$15.00	\$1,200.00	\$16.00	\$1,280.00
B.	16-INCH DUCTILE IRON PIPE (PRESSURE CLASS 250) - ADD ON TO ITEM 1	246	LF	\$18.00	\$4,428.00	\$17.00	\$4,182.00	\$18.00	\$4,428.00	\$20.00	\$4,920.00
C.	FOR SUBSTITUTING 8-INCH DUCTILE IRON PIPE - ADD ON TO ITEM 1-B.	739	LF	\$8.00	\$5,912.00	\$7.50	\$5,542.50	\$9.00	\$6,651.00	\$10.00	\$7,390.00
3	FOR BASIC 0'-6' MANHOLES, AS SPECIFIED, COMPLETE IN PLACE.										
A.	5-FOOT DIAMETER MANHOLES BOLTED DOWN FRAME & COVER	5	EA	\$2,200.00	\$11,000.00	\$1,800.00	\$9,000.00	\$2,053.00	\$10,265.00	\$1,700.00	\$8,500.00
B.	5-FOOT DIAMETER MANHOLE GROUTED FRAME AND COVER	1	EA	\$2,200.00	\$2,200.00	\$1,800.00	\$1,800.00	\$2,003.00	\$2,003.00	\$1,675.00	\$1,675.00
B.	4-FOOT DIAMETER MANHOLES BOLTED DOWN FRAME & COVER	20	EA	\$1,300.00	\$26,000.00	\$1,225.00	\$24,500.00	\$1,491.00	\$29,820.00	\$1,325.00	\$26,500.00
C.	4-FOOT DIAMETER MANHOLES GROUTED FRAME AND COVER	4	EA	\$1,300.00	\$5,200.00	\$1,225.00	\$4,900.00	\$1,441.00	\$5,764.00	\$1,300.00	\$5,200.00
D.	4-FOOT DIAMETER MANHOLES WITH CONCRETE VEGETATION REDUCTION PAD	14	EA	\$1,600.00	\$22,400.00	\$1,575.00	\$22,050.00	\$2,756.00	\$38,584.00	\$1,750.00	\$24,500.00
4	FOR EXTRA DEPTH MANHOLES AS SPECIFIED, BACKFILLED, COMPLETE IN PLACE.										
A.	5-FOOT DIAMETER MANHOLES	37	VF	\$160.00	\$5,920.00	\$150.00	\$5,550.00	\$133.00	\$4,921.00	\$150.00	\$5,550.00
B.	4-FOOT DIAMETER MANHOLES	187	VF	\$120.00	\$22,440.00	\$102.00	\$19,074.00	\$100.00	\$18,700.00	\$100.00	\$18,700.00
5	FOR OUTSIDE DROP (8-INCH) AT MANHOLE, AS SPECIFIED, COMPLETE IN PLACE.										
A.	FOR BASIC 0'-3' DEPTH , INCLUDING BEND AND TEE	1	EA	\$1,800.00	\$1,800.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00
B.	FOR EXTRA DEPTH (EXCLUDING FIRST 3 FEET)	6	VF	\$40.00	\$240.00	\$40.00	\$240.00	\$50.00	\$300.00	\$25.00	\$150.00
6	FOR FURNISHING AND INSTALLING 5-INCH DIAMETER STEEL VENT PIPES, AS SPECIFIED, COMPLETE IN PLACE										
A.	FOR BASIC 0'-8' DEPTH (CMU STD. DTL. 10)	5	EA	\$1,000.00	\$5,000.00	\$900.00	\$4,500.00	\$605.00	\$3,025.00	\$1,050.00	\$5,250.00
B.	FOR BASIC 0'-8' DEPTH (WITH FLANGED CONNECTION)	2	EA	\$1,100.00	\$2,200.00	\$950.00	\$1,900.00	\$715.00	\$1,430.00	\$1,200.00	\$2,400.00
C.	FOR EXTRA DEPTH (EXCLUDING FIRST 8 VERTICAL FEET)	22	VF	\$10.00	\$220.00	\$1.00	\$22.00	\$35.00	\$770.00	\$85.00	\$1,870.00

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				Dellinger, Inc. Monroe, NC		B.R.S., Inc. Richfield, NC		Sanders Utility Construction Co., Inc. Charlotte, NC		State Utility Contractors, Inc. Monroe, NC	
ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
7	FOR CONNECTION TO EXISTING SANITARY SEWER MANHOLES, AS SPECIFIED, COMPLETE IN PLACE.										
A.	CONNECTION AT STA. 36+74.66 (SHEET 5)	1	LS	\$1,000.00	\$1,000.00	\$900.00	\$900.00	\$1,000.00	\$1,000.00	\$2,700.00	\$2,700.00
B.	CONNECTION AT STA 0+00 (SHEET 7)	1	LS	\$1,000.00	\$1,000.00	\$900.00	\$900.00	\$650.00	\$650.00	\$2,100.00	\$2,100.00
8	FOR STONE STABILIZATION MATERIAL, AS SPECIFIED, COMPLETE IN PLACE.	1,753	TN	\$3.00	\$5,259.00	\$0.00	\$0.00	\$25.00	\$43,825.00	\$9.00	\$15,777.00
9	FOR GRANULAR BEDDING MATERIAL AS SPECIFIED, SHAPED AND COMPACTED N PLACE.										
A.	TYPE II BEDDING	350	LF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
B.	TYPE III BEDDING	950	LF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	FOR SOLID ROCK EXCAVATION, AS SPECIFIED, COMPLETE IN PLACE.	1,949	CY	\$40.00	\$77,960.00	\$40.00	\$77,960.00	\$40.00	\$77,960.00	\$40.00	\$77,960.00
11	FOR SEWER SERVICE LATERAL CONNECTIONS TO THE MAIN, AS SPECIFIED, COMPLETE IN PLACE.										
A.	INTO MANHOLES (REGARDLESS OF SIZE)										
1)	AT THE INVERT	4	EA	\$150.00	\$600.00	\$125.00	\$500.00	\$165.00	\$660.00	\$225.00	\$900.00
2)	ELEVATED INCLUDING BASIC 0'-3' DEPTH INSIDE DROP INCLUDING BEND AND TEE (4" & 6" Diameter Only)	2	EA	\$150.00	\$300.00	\$225.00	\$450.00	\$500.00	\$1,000.00	\$300.00	\$600.00
3)	FOR EXTRA DEPTH OF 4" OR 6" INSIDE DROP	15	VF	\$30.00	\$450.00	\$8.00	\$120.00	\$25.00	\$375.00	\$15.00	\$225.00
B.	INTO TEES (PVC OR VCP) (4" AND 6" ONLY)	4	EA	\$60.00	\$240.00	\$125.00	\$500.00	\$165.00	\$660.00	\$225.00	\$900.00
C.	INTO TEES (DIP) (OR TAP ON DIP) (4" AND 6" ONLY)	3	EA	\$400.00	\$1,200.00	\$375.00	\$1,125.00	\$500.00	\$1,500.00	\$350.00	\$1,050.00
D.	4" OR 6" CLEAN CUTS, COMPLETE WITH STAND PIPE AND REMOVABLE AIRTIGHT PLUG	11	EA	\$100.00	\$1,100.00	\$75.00	\$825.00	\$220.00	\$2,420.00	\$100.00	\$1,100.00
E.	FOR 4"X4" TIMBER LOCATOR POSTS	10	EA	\$10.00	\$100.00	\$15.00	\$150.00	\$15.00	\$150.00	\$10.00	\$100.00
F.	FOR INSTALLATION ON EXISTING MAINS (EXISTING BY OTHERS OR BY THE CONTRACTOR) add on to A.(a),A.(b), B, or C above.	4	EA	\$200.00	\$800.00	\$50.00	\$200.00	\$605.00	\$2,420.00	\$475.00	\$1,900.00
12	FOR CONNECTION OF RELOCATED SERVICE LATERAL TO MANHOLE (INVERT)	1	EA	\$400.00	\$400.00	\$600.00	\$600.00	\$500.00	\$500.00	\$500.00	\$500.00
13	FOR SEWER SERVICE LATERALS, AS SPECIFIED, COMPLETE IN PLACE.										
A.	FOR 4-INCH (SCHEDULE 40 PVC OR SOIL) PIPE - OPEN CUT										
1)	0' - 6' DEPTH	90	LF	\$16.00	\$1,440.00	\$14.00	\$1,260.00	\$20.00	\$1,800.00	\$10.00	\$900.00
2)	6' - 10' DEPTH	100	LF	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$24.00	\$2,400.00	\$15.00	\$1,500.00
3)	10' - 14' DEPTH	50	LF	\$30.00	\$1,500.00	\$32.00	\$1,600.00	\$30.00	\$1,500.00	\$20.00	\$1,000.00
4)	14' AND DEEPER	50	LF	\$50.00	\$2,500.00	\$47.00	\$2,350.00	\$35.00	\$1,750.00	\$25.00	\$1,250.00
B.	FOR SUBSTITUTING 6-INCH (SCHEDULE 40, SDR 35, OR SOIL) PIPE (ADD ON TO "A" ABOVE)	20	LF	\$6.00	\$120.00	\$1.25	\$25.00	\$5.00	\$100.00	\$3.00	\$60.00
C.	FOR SUBSTITUTING 4-INCH (PRESSURE CLASS 350 DIP) (ADD ON TO "A" ABOVE)	50	LF	\$7.00	\$350.00	\$6.00	\$300.00	\$9.00	\$450.00	\$10.00	\$500.00
D.	FOR SUBSTITUTING 6-INCH (PRESSURE CLASS 350 DIP) (ADD ON TO "A" ABOVE)	20	LF	\$9.00	\$180.00	\$7.00	\$140.00	\$10.00	\$200.00	\$10.00	\$200.00
E.	FOR SUBSTITUTING 8-INCH (PRESSURE CLASS 350 DIP) (ADD ON TO "A" ABOVE)	30	LF	\$12.00	\$360.00	\$8.25	\$247.50	\$20.00	\$600.00	\$15.00	\$450.00
14	FOR FURNISHING AND INSTALLING CLAY ANTI-SEEPAGE COLLARS, AS SPECIFIED, COMPLETE IN PLACE.	9	EA	\$300.00	\$2,700.00	\$250.00	\$2,250.00	\$550.00	\$4,950.00	\$300.00	\$2,700.00
15	FOR FURNISHING AND INSTALLING GUARANTEE CASING INSTALLATION, AS SPECIFIED, COMPLETE IN PLACE.										

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				Dellinger, Inc. Monroe, NC		B.R.S., Inc. Richfield, NC		Sanders Utility Construction Co., Inc. Charlotte, NC		State Utility Contractors, Inc. Monroe, NC	
ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
A.	30-INCH (Minimum) Diameter Casing (t=.312") with 14" Ductile Iron Carrier Pipe.	115	LF	\$290.00	\$33,350.00	\$363.00	\$41,745.00	\$525.00	\$60,375.00	\$450.00	\$51,750.00
B.	30-INCH (Minimum) Diameter Casing (t=.312") with 16" Ductile Iron Carrier Pipe.	120	LF	\$270.00	\$32,400.00	\$366.00	\$43,920.00	\$525.00	\$63,000.00	\$460.00	\$55,200.00
C.	18-INCH (Minimum) Diameter Casing (t=.250") with 8" Ductile Iron Carrier Pipe.	335	LF	\$180.00	\$60,300.00	\$350.00	\$117,250.00	\$255.00	\$85,425.00	\$440.00	\$147,400.00
D.	CONCRETE BARRIERS	310	LF	\$10.00	\$3,100.00	\$1.00	\$310.00	\$7.00	\$2,170.00	\$5.00	\$1,550.00
16	FOR CONSTRUCTING AND MAINTAINING VARIOUS EROSION CONTROL DEVICES, AS SPECIFIED.										
A.	TEMPORARY SILT FENCE PER CHARLOTTE-MECK LAND DEVELOPMENT STANDARDS	8,085	LF	\$1.90	\$15,361.50	\$1.75	\$14,148.75	\$3.00	\$24,255.00	\$3.00	\$24,255.00
B.	JUTE NETTING	1,300	SY	\$1.60	\$2,080.00	\$1.75	\$2,275.00	\$4.00	\$5,200.00	\$2.00	\$2,600.00
C.	CURLEX BLANKET	3,875	SY	\$1.50	\$5,812.50	\$1.70	\$6,587.50	\$4.00	\$15,500.00	\$2.00	\$7,750.00
D.	TEMPORARY STREAM CROSSING, PER E.C. DETAIL 1										
1)	18" AND LESS DIAMETERS	7	EA	\$300.00	\$2,100.00	\$1,250.00	\$8,750.00	\$500.00	\$3,500.00	\$1,000.00	\$7,000.00
2)	24" AND LARGER DIAMETERS	10	EA	\$350.00	\$3,500.00	\$1,750.00	\$17,500.00	\$500.00	\$5,000.00	\$1,800.00	\$18,000.00
E.	TEMPORARY SEDIMENT TRAP PER E.C. DETAIL 6.60										
1)	TEMPORARY SEDIMENT TRAP (VOLUME 300 - 599)	5	EA	\$400.00	\$2,000.00	\$600.00	\$3,000.00	\$100.00	\$500.00	\$800.00	\$4,000.00
2)	TEMPORARY SEDIMENT TRAP (VOLUME 600 - 900)	6	EA	\$500.00	\$3,000.00	\$950.00	\$5,700.00	\$100.00	\$600.00	\$1,000.00	\$6,000.00
F.	TEMPORARY DIVERSION DITCH PER E.C. DETAIL 6.20	4,300	LF	\$0.80	\$3,440.00	\$0.25	\$1,075.00	\$0.10	\$430.00	\$0.50	\$2,150.00
G.	TEMPORARY CONSTRUCTION ENTRANCES PER E.C. DETAIL 6.06	10	EA	\$1,100.00	\$11,000.00	\$750.00	\$7,500.00	\$1,000.00	\$10,000.00	\$1,000.00	\$10,000.00
17	FOR FURNISHING AND INSTALLING STREAM BANK STABILIZATION, AS SPECIFIED, COMPLETE IN PLACE.	445	SY	\$14.00	\$6,230.00	\$25.00	\$11,125.00	\$5.00	\$2,225.00	\$20.00	\$8,900.00
18	FOR FURNISHING AND INSTALLING STONE RIP-RAP, AS SPECIFIED, COMPLETE IN PLACE.	454	SY	\$45.00	\$20,430.00	\$28.00	\$12,712.00	\$39.00	\$17,706.00	\$33.00	\$14,982.00
19	FOR FERTILIZING SEEDING AND MULCHING, AS SPECIFIED.										
A.	NATIVE SEED MIX	43,045	SY	\$0.20	\$8,609.00	\$0.43	\$18,509.35	\$0.50	\$21,522.50	\$0.50	\$21,522.50
B.	RESEED PER CMU STANDARDS AREAS WHERE NATIVE SEED MIX FAILED	43,045	SY	\$0.20	\$8,609.00	\$0.42	\$18,078.90	\$0.50	\$21,522.50	\$0.30	\$12,913.50
C.	CMU STANDARD FERTILIZING, SEEDING, AND MULCHING	8,326	SY	\$0.20	\$1,665.20	\$0.42	\$3,496.92	\$0.40	\$3,330.40	\$0.30	\$2,497.80
20	FOR BARRICADING /PROTECTION OF TREES, AS SPECIFIED, COMPLETE	215	LF	\$3.00	\$645.00	\$2.00	\$430.00	\$5.00	\$1,075.00	\$3.00	\$645.00
21	FOR CLEARING GRUBBING AND DISPOSAL OF DEBRIS, AS SPECIFIED, COMPLETE IN PLACE.	10,680	LF	\$3.00	\$32,040.00	\$3.00	\$32,040.00	\$5.00	\$53,400.00	\$4.00	\$42,720.00
22	FOR LOCATION UNDERGROUND UTILITIES, AS SPECIFIED.	35	EA	\$10.00	\$350.00	\$25.00	\$875.00	\$15.00	\$525.00	\$50.00	\$1,750.00
23	FOR RELOCATING UNDERGROUND UTILITIES, AS SPECIFIED.										
A.	UNDERGROUND TELEPHONE CABLES	440	LF	\$3.00	\$1,320.00	\$1.00	\$440.00	\$3.00	\$1,320.00	\$1.00	\$440.00
B.	PLASTIC GAS LINES	240	LF	\$3.00	\$720.00	\$3.00	\$720.00	\$3.00	\$720.00	\$2.00	\$480.00
C.	UNDERGROUND TV CABLES	440	LF	\$2.00	\$880.00	\$1.00	\$440.00	\$3.00	\$1,320.00	\$1.00	\$440.00
D.	UNDERGROUND POWER CABLES	440	LF	\$3.00	\$1,320.00	\$1.00	\$440.00	\$3.00	\$1,320.00	\$2.00	\$880.00
24	FOR TESTING FOR EXFILTRATION, AS SPECIFIED, COMPLETE.										
A.	15" PIPE	4,506	LF	\$0.80	\$3,604.80	\$0.25	\$1,126.50	\$0.25	\$1,126.50	\$0.70	\$3,154.20
B.	8" PIPE	7,017	LF	\$0.70	\$4,911.90	\$0.25	\$1,754.25	\$0.15	\$1,052.55	\$0.50	\$3,508.50
C.	5-FOOT DIAMETER MANHOLES	4	EA	\$200.00	\$800.00	\$100.00	\$400.00	\$100.00	\$400.00	\$50.00	\$200.00
D.	4-FOOT DIAMETER MANHOLES	17	EA	\$200.00	\$3,400.00	\$75.00	\$1,275.00	\$100.00	\$1,700.00	\$40.00	\$680.00
25	FOR STORM DRAIN REPLACEMENT, AS SPECIFIED, COMPLETE IN PLACE										

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				Dellinger, Inc. Monroe, NC		B.R.S., Inc. Richfield, NC		Sanders Utility Construction Co., Inc. Charlotte, NC		State Utility Contractors, Inc. Monroe, NC	
ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
A.	FOR REMOVING AND REPLACING STORM DRAIN PIPE (RE-USING EXISTING PIPE)	80	LF	\$9.00	\$720.00	\$5.00	\$400.00	\$25.00	\$2,000.00	\$10.00	\$800.00
B.	FOR SUBSTITUTING NEW CLASS III RCP OR CMP										
1)	12" DIAMETER PIPE (CMP) & SMALLER	40	LF	\$9.00	\$360.00	\$8.00	\$320.00	\$10.00	\$400.00	\$15.00	\$600.00
2)	15" DIAMETER PIPE (RCP) & SMALLER	60	LF	\$9.00	\$540.00	\$12.00	\$720.00	\$15.00	\$900.00	\$25.00	\$1,500.00
3)	36" DIAMETER (RCP) & SMALLER	30	LF	\$20.00	\$600.00	\$35.00	\$1,050.00	\$20.00	\$600.00	\$50.00	\$1,500.00
26	FOR CUTTING, REMOVING, AND REPLACING CONCRETE SIDEWALKS, AS SPECIFIED, COMPLETE IN PLACE	17	SY	\$100.00	\$1,700.00	\$68.00	\$1,156.00	\$32.00	\$544.00	\$50.00	\$850.00
27	FOR CUTTING, REMOVING, AND REPLACING CONCRETE CURB AND GUTTER, AS SPECIFIED, COMPLETE IN PLACE	40	LF	\$40.00	\$1,600.00	\$20.00	\$800.00	\$25.00	\$1,000.00	\$20.00	\$800.00
28	FOR FURNISHING AND REPLACING CONCRETE DRAINAGE DITCH (WITH WIRE REINFORCING) COMPLETE IN PLACE.	20	SY	\$70.00	\$1,400.00	\$35.00	\$700.00	\$40.00	\$800.00	\$50.00	\$1,000.00
29	FOR RESTORATION OF EXISTING SEDIMENT BASIN (PARCEL 19, SHEET 10)	1	LS	\$600.00	\$600.00	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00
30	FOR RESTORATION OF EXISTING GARDEN AREA (PARCEL 17, SHEET 7)	1	LS	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$5,000.00	\$5,000.00	\$500.00	\$500.00
31	FOR REPAIR OF EXISTING RETAINING WALL (LANDSCAPE TIMBERS) ON PARCEL 17, SHEET 7	1	LS	\$1,000.00	\$1,000.00	\$400.00	\$400.00	\$3,000.00	\$3,000.00	\$1,000.00	\$1,000.00
32	FOR CUTTING (SAWING) AND REPLACING ALL ASPHALT PAVEMENT AS SPECIFIED, COMPLETE IN PLACE										
A.	H-BINDER & I-1 OR I-2	185	LF	\$45.00	\$8,325.00	\$37.00	\$6,845.00	\$32.00	\$5,920.00	\$40.00	\$7,400.00
B.	ONE INCH OF I-1 OR I-2 OVERLAY	25	TN	\$125.00	\$3,125.00	\$110.00	\$2,750.00	\$110.00	\$2,750.00	\$140.00	\$3,500.00
33	FOR FURNISHING AND REPLACING GRAVEL (BALLAST STONE) FOR GRAVEL / DIRT ROADS & DRIVEWAYS, AS SPECIFIED, COMPLETE IN PLACE	150	LF	\$35.00	\$5,250.00	\$8.00	\$1,200.00	\$25.00	\$3,750.00	\$5.00	\$750.00
34	FOR ABANDONMENT OF EXISTING SANITARY SEWER FACILITIES , SHEET 6										
A.	ABANDONMENT OF EXISTING PUMP STATION	1	LS	\$3,000.00	\$3,000.00	\$21,000.00	\$21,000.00	\$5,000.00	\$5,000.00	\$23,000.00	\$23,000.00
B.	ABANDONMENT OF EXISTING 6" PVC FORCE MAIN AT MANHOLE LOCATED AT THE INTERSECTION OF STATESVILLE ROAD AND STUMPTOWN ROAD	1	LS	\$700.00	\$700.00	\$1,250.00	\$1,250.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
C.	FOR RESTORING PUMP STATION SITE TO ORIGINAL GROUND CONTOURS (INCLUDES REMOVAL OF P.S. DRIVEWAY.	1	LS	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$10,000.00	\$10,000.00
D.	FOR REMOVAL OF EXISTING 12 SANITARY SEWER, AS SPECIFIED.	1	LS	\$1,000.00	\$1,000.00	\$10,500.00	\$10,500.00	\$2,000.00	\$2,000.00	\$2,800.00	\$2,800.00
35	FOR SEWER CLEANING AND TELEVISION INSPECTION OF EXISTING 16' SEWER TRUNK UNDER I-77 PRIOR TO LINING, AS SPECIFIED, COMPLETE IN PLACE.	572	LF	\$10.00	\$5,720.00	\$17.00	\$9,724.00	\$20.00	\$11,440.00	\$6.00	\$3,432.00
36	FOR INSTALLING CURED-IN-PLACE PIPE LINING, AS SPECIFIED, ANY REQUIRED IN LINER THICKNESS, COMPLETE IN PLACE.	572	LF	\$15.00	\$8,580.00	\$83.00	\$47,476.00	\$87.00	\$49,764.00	\$80.00	\$45,760.00
37	FOR CONSTRUCTING NEW INVERTS IN EXISTING MANHOLES (STA. 31+08.52 & STA. 36+74.66)	2	EA	\$400.00	\$800.00	\$650.00	\$1,300.00	\$1,000.00	\$2,000.00	\$2,000.00	\$4,000.00
38	FOR MATERIAL/DENSITY TESTING, AS SPECIFIED, COMPLETE.										
A.	SOILS TECHNICIAN SERVICES (FIELD SERVICES)	117	HR	\$60.00	\$7,020.00	\$47.00	\$5,499.00	\$150.00	\$17,550.00	\$55.00	\$6,435.00
B.	STANDARD PROCTOR COMPACTION TEST (LABORATORY TESTING SERVICES)	22	EA	\$170.00	\$3,740.00	\$155.00	\$3,410.00	\$250.00	\$5,500.00	\$165.00	\$3,630.00
	SUBTOTAL (ITEMS 1-38)				\$1,040,327.90		\$1,231,226.02		\$1,199,142.45		\$1,338,609.50

SANITARY SEWER CONSTRUCTION TORRENCE CREEK TRIBUTARY #1 NORTH, SAM FURR ROAD/KNOXWOOD DRIVE TRUNK, AND KNOXWOOD DRIVE TRUNK				1		2		3		4	
				Dellinger, Inc. Monroe, NC		B.R.S., Inc. Richfield, NC		Sanders Utility Construction Co., Inc. Charlotte, NC		State Utility Contractors, Inc. Monroe, NC	
ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
39	FOR MOBILIZATION TO PROJECT SITE	1	LS	\$20,000.00	\$20,000.00	\$22,000.00	\$22,000.00	\$23,982.85	\$23,982.85	\$27,000.00	\$27,000.00
	SUBTOTAL (ITEMS 1-39) SECTION 1				\$1,060,327.90		\$1,253,226.02		\$1,223,125.30		\$1,365,609.50
40	CONTINGENCY ALLOWANCE (2% OF SUB-TOTAL)				\$21,206.56		\$25,064.52		\$24,462.51		\$27,312.19
	TOTAL BID (ITEMS 1-40) SECTION 1				\$1,081,534.46		\$1,278,290.54		\$1,247,587.81		\$1,392,921.69
	SECTION 2										
1	FOR FURNISHING AND INSTALLING 8- INCH GRAVITY SANITARY SEWER PIPE, AS SPECIFIED, COMPLETE IN PLACE.										
A.	0'-8' DEPTH	770	LF	\$26.00	\$20,020.00	\$22.50	\$17,325.00	\$30.00	\$23,100.00	\$34.00	\$26,180.00
B.	8'-10' DEPTH	1,072	LF	\$29.00	\$31,088.00	\$26.50	\$28,408.00	\$35.00	\$37,520.00	\$36.00	\$38,592.00
C.	10'-12' DEPTH	28	LF	\$40.00	\$1,120.00	\$29.50	\$826.00	\$40.00	\$1,120.00	\$45.00	\$1,260.00
2	FOR SUBSTITUTING 8-INCH DUCTILE IRON PIPE, AS SPECIFIED, COMPLETE IN PLACE.	60	LF	\$9.00	\$540.00	\$7.50	\$450.00	\$10.00	\$600.00	\$10.00	\$600.00
3	FOR BASIC 0'-6' 4' DIA. MANHOLES, AS SPECIFIED, COMPLETE IN PLACE.	7	EA	\$1,200.00	\$8,400.00	\$1,225.00	\$8,575.00	\$1,491.00	\$10,437.00	\$1,300.00	\$9,100.00
4	FOR EXTRA DEPTH 4' MANHOLES AS SPECIFIED, BACKFILLED, COMPLETE IN PLACE.	13	VF	\$120.00	\$1,560.00	\$102.00	\$1,326.00	\$100.00	\$1,300.00	\$100.00	\$1,300.00
5	FOR OUTSIDE DROP (8-INCH) AT MANHOLE, AS SPECIFIED, COMPLETE.						\$0.00				
A.	FOR BASIC 0'-3' DEPTH, INCLUDING BEND AND TEE	2	EA	\$1,200.00	\$2,400.00	\$1,000.00	\$2,000.00	\$1,500.00	\$3,000.00	\$1,000.00	\$2,000.00
B.	FOR EXTRA DEPTH (EXCLUDING THE FIRST 3 FEET)	2	VF	\$50.00	\$100.00	\$40.00	\$80.00	\$50.00	\$100.00	\$25.00	\$50.00
6	FOR STONE STABILIZATION MATERIAL, AS SPECIFIED, COMPLETE IN PLACE.	57	TN	\$3.00	\$171.00	\$0.00	\$0.00	\$25.00	\$1,425.00	\$20.00	\$1,140.00
7	FOR FILTER FABRIC, AS SPECIFIED, COMPLETE IN PLACE	24	SY	\$8.00	\$192.00	\$2.00	\$48.00	\$4.00	\$96.00	\$3.00	\$72.00
8	FOR GRANULAR BEDDING MATERIAL AS SPECIFIED, SHAPED AND COMPACTED N PLACE.										
A.	TYPE II BEDDING	300	LF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
B.	TYPE III BEDDING	300	LF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	FOR SOLID ROCK EXCAVATION, AS SPECIFIED, COMPLETE IN PLACE.	165	CY	\$40.00	\$6,600.00	\$40.00	\$6,600.00	\$75.00	\$12,375.00	\$40.00	\$6,600.00
10	FOR SEWER SERVICE LATERAL CONNECTIONS TO THE MAIN, AS SPECIFIED, COMPLETE IN PLACE.										
A.	INTO MANHOLES (REGARDLESS OF SIZE)										
1)	AT THE INVERT	6	EA	\$150.00	\$900.00	\$125.00	\$750.00	\$165.00	\$990.00	\$225.00	\$1,350.00
2)	ELEVATED INCLUDING BASIC 0'-3' DEPTH INSIDE DROP INCLUDING BEND AND TEE (4" & 6" Diameter Only)	5	EA	\$150.00	\$750.00	\$250.00	\$1,250.00	\$500.00	\$2,500.00	\$300.00	\$1,500.00
3)	FOR EXTRA DEPTH OF 4" OR 6" INSIDE DROP	22	VF	\$30.00	\$660.00	\$15.00	\$330.00	\$25.00	\$550.00	\$15.00	\$330.00
B.	INTO TEES (PVC OR VCP) (4" AND 6" ONLY)	20	EA	\$60.00	\$1,200.00	\$105.00	\$2,100.00	\$165.00	\$3,300.00	\$200.00	\$4,000.00
C.	INTO TEES (DIP) (OR TAP ON DIP) (4" AND 6" ONLY)	1	EA	\$300.00	\$300.00	\$325.00	\$325.00	\$500.00	\$500.00	\$300.00	\$300.00
D.	4" OR 6" CLEAN CUTS, COMPLETE WITH STAND PIPE AND REMOVABLE AIRTIGHT PLUG	30	EA	\$100.00	\$3,000.00	\$80.00	\$2,400.00	\$220.00	\$6,600.00	\$100.00	\$3,000.00

SANITARY SEWER CONSTRUCTION TORRENCE CREEK TRIBUTARY #1 NORTH, SAM FURR ROAD/KNOXWOOD DRIVE TRUNK, AND KNOXWOOD DRIVE TRUNK				1		2		3		4	
				Dellinger, Inc. Monroe, NC		B.R.S., Inc. Richfield, NC		Sanders Utility Construction Co., Inc. Charlotte, NC		State Utility Contractors, Inc. Monroe, NC	
ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
E.	FOR 4"X4" TIMBER LOCATOR POSTS	30	EA	\$10.00	\$300.00	\$15.00	\$450.00	\$15.00	\$450.00	\$10.00	\$300.00
F.	FOR INSTALLATION ON EXISTING MAINS (EXISTING BY OTHERS OR BY THE CONTRACTOR) add on to A.(a),A.(b), B, or C above.	5	EA	\$300.00	\$1,500.00	\$50.00	\$250.00	\$605.00	\$3,025.00	\$375.00	\$1,875.00
11	FOR SEWER SERVICE LATERALS, AS SPECIFIED, COMPLETE IN PLACE.										
A.	FOR 4-INCH (SCHEDULE 40 PVC OR SOIL) PIPE - OPEN CUT										
1)	0' - 6' DEPTH	100	LF	\$16.00	\$1,600.00	\$14.00	\$1,400.00	\$25.00	\$2,500.00	\$10.00	\$1,000.00
2)	6' - 8' DEPTH	592	LF	\$20.00	\$11,840.00	\$20.00	\$11,840.00	\$30.00	\$17,760.00	\$12.00	\$7,104.00
3)	8' AND DEEPER	104	LF	\$28.00	\$2,912.00	\$27.00	\$2,808.00	\$50.00	\$5,200.00	\$16.00	\$1,664.00
B.	FOR SUBSTITUTING 4-INCH (PRESSURE CLASS 350 DIP) (ADD ON TO "A" ABOVE)	120	LF	\$6.00	\$720.00	\$6.00	\$720.00	\$10.00	\$1,200.00	\$9.00	\$1,080.00
12	FOR CONSTRUCTING AND MAINTAINING VARIOUS EROSION CONTROL DEVICES.										
A.	TEMPORARY SILT FENCE PER CHARLOTTE-MECK LAND DEVELOPMENT STANDARDS	395	LF	\$2.50	\$987.50	\$1.75	\$691.25	\$3.00	\$1,185.00	\$3.00	\$1,185.00
B.	JUTE NETTING	200	SY	\$2.50	\$500.00	\$1.50	\$300.00	\$5.00	\$1,000.00	\$2.00	\$400.00
C.	EROSION BLANKET	4,841	SY	\$1.75	\$8,471.75	\$1.45	\$7,019.45	\$3.50	\$16,943.50	\$2.00	\$9,682.00
D.	TEMPORARY SEDIMENT TRAP PER E.C. DETAIL 6.60										
1)	TEMPORARY SEDIMENT TRAP (VOLUME 100 - 199)	1	EA	\$500.00	\$500.00	\$300.00	\$300.00	\$100.00	\$100.00	\$350.00	\$350.00
2)	TEMPORARY SEDIMENT TRAP (VOLUME 200 - 299)	1	EA	\$550.00	\$550.00	\$500.00	\$500.00	\$100.00	\$100.00	\$550.00	\$550.00
3)	TEMPORARY SEDIMENT TRAP (VOLUME 300 - 499)	2	EA	\$600.00	\$1,200.00	\$700.00	\$1,400.00	\$200.00	\$400.00	\$800.00	\$1,600.00
E.	TEMPORARY CONSTRUCTION ENTRANCES PER E.C. DETAIL 6.06	1	EA	\$1,100.00	\$1,100.00	\$750.00	\$750.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
13	FOR CMU STANDARD FERTILIZING SEEDING AND MULCHING, AS SPECIFIED.	4,637	SY	\$0.30	\$1,391.10	\$0.42	\$1,947.54	\$0.40	\$1,854.80	\$0.30	\$1,391.10
14	FOR LOCATING UNDERGROUND UTILITIES, AS SPECIFIED.	40	EA	\$10.00	\$400.00	\$20.00	\$800.00	\$20.00	\$800.00	\$50.00	\$2,000.00
15	FOR RELOCATING UNDERGROUND UTILITIES, AS SPECIFIED.										
A.	UNDERGROUND TELEPHONE CABLES	90	LF	\$3.00	\$270.00	\$1.00	\$90.00	\$3.00	\$270.00	\$1.00	\$90.00
B.	PLASTIC GAS LINES	90	LF	\$3.00	\$270.00	\$3.00	\$270.00	\$3.00	\$270.00	\$2.00	\$180.00
C.	UNDERGROUND TV CABLES	90	LF	\$2.00	\$180.00	\$1.00	\$90.00	\$3.00	\$270.00	\$1.00	\$90.00
D.	UNDERGROUND POWER CABLES	90	LF	\$3.00	\$270.00	\$1.00	\$90.00	\$3.00	\$270.00	\$2.00	\$180.00
16	FOR TESTING FOR EXFILTRATION, AS SPECIFIED, COMPLETE.										
A.	8" PIPE	1,870	LF	\$0.70	\$1,309.00	\$0.25	\$467.50	\$0.15	\$280.50	\$0.50	\$935.00
B.	4-FOOT DIAMETER MANHOLES	7	EA	\$200.00	\$1,400.00	\$75.00	\$525.00	\$100.00	\$700.00	\$40.00	\$280.00
17	FOR STORM DRAIN REPLACEMENT, AS SPECIFIED, COMPLETE IN PLACE										
A.	FOR REMOVING AND REPLACING STORM DRAIN PIPE (RE-USING EXISTING PIPE)	70	LF	\$9.00	\$630.00	\$5.00	\$350.00	\$25.00	\$1,750.00	\$10.00	\$700.00
B.	FOR SUBSTITUTING NEW CLASS III RCP										
1)	15" DIAMETER PIPE & SMALLER	60	LF	\$8.00	\$480.00	\$8.00	\$480.00	\$20.00	\$1,200.00	\$25.00	\$1,500.00
2)	18" DIAMETER PIPE & LARGER	60	LF	\$14.00	\$840.00	\$12.00	\$720.00	\$30.00	\$1,800.00	\$40.00	\$2,400.00
18	FOR CUTTING (SAWING) AND REPLACING ALL ASPHALT PAVEMENT AS SPECIFIED, COMPLETE IN PLACE										
A.	H-BINDER & I-1 OR I-2	1,898	LF	\$30.00	\$56,940.00	\$27.00	\$51,246.00	\$32.00	\$60,736.00	\$40.00	\$75,920.00
B.	ONE INCH OF I-1 OR I-2 OVERLAY	28	TN	\$125.00	\$3,500.00	\$110.00	\$3,080.00	\$110.00	\$3,080.00	\$140.00	\$3,920.00
19	FOR FURNISHING AND REPLACING GRAVEL DIRT ROAD AND DRIVEWAYS, AS SPECIFIED, COMPLETE IN PLACE	55	LF	\$10.00	\$550.00	\$8.00	\$440.00	\$20.00	\$1,100.00	\$5.00	\$275.00

SANITARY SEWER CONSTRUCTION TORRENCE CREEK TRIBUTARY #1 NORTH, SAM FURR ROAD/KNOXWOOD DRIVE TRUNK, AND KNOXWOOD DRIVE TRUNK				1		2		3		4	
				Dellinger, Inc. Monroe, NC		B.R.S., Inc. Richfield, NC		Sanders Utility Construction Co., Inc. Charlotte, NC		State Utility Contractors, Inc. Monroe, NC	
ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
20	FOR CUTTING AND REPLACING CONCRETE DRIVEWAYS (MIN. 6" DEEP WIT WIRE REINFORCING) COMPLETE IN PLACE	300	SY	\$60.00	\$18,000.00	\$48.00	\$14,400.00	\$40.00	\$12,000.00	\$50.00	\$15,000.00
21	FOR MATERIAL/DENSITY TESTING, AS SPECIFIED, COMPLETE.										
A.	SOILS TECHNICIAN SERVICES (FIELD SERVICES)	54	HR	\$60.00	\$3,240.00	\$50.00	\$2,700.00	\$220.00	\$11,880.00	\$55.00	\$2,970.00
B.	STANDARD PROCTOR COMPACTION TEST (LABORATORY TESTING SERVICES)	4	EA	\$170.00	\$680.00	\$155.00	\$620.00	\$250.00	\$1,000.00	\$165.00	\$660.00
	SUBTOTAL (ITEMS 1-21) SECTION 2				\$201,532.35		\$179,537.74		\$255,637.80		\$233,655.10
22	CONTINGENCY ALLOWANCE (5% OF SUB-TOTAL)				\$10,076.62		\$8,976.89		\$12,781.89		\$11,682.76
	TOTAL BID (ITEMS 1-22) SECTION 2				\$211,608.97		\$188,514.63		\$268,419.69		\$245,337.86
	TOTAL BID SECTIONS 1 AND 2				\$1,293,143.43		\$1,466,805.17		\$1,516,007.50		\$1,638,259.55