

CMU CONTRACT FOR MISCELLANEOUS WATER AND SEWER			1		2		
			State Utility Contractors, Inc. Monroe, NC		Sanders Utility Construction Co., Inc. Charlotte, NC		
ITEM	DESCRIPTION	QUANTITY					
	MOBILIZATION FOR WATER AND/OR SEWER WORK						
1	MOBILIZATION PRIOR TO THE START OF WORK, PAYABLE ONLY ONCE PER CONTRACT	1	LS	\$50,000.00	\$50,000.00	\$40,000.00	\$40,000.00
2	MOBILIZATION AFTER SUSPENSION OF WORK NOTICE, PAYABLE ONLY ONCE PER NOTICE	3	EA	\$7,500.00	\$22,500.00	\$5,000.00	\$15,000.00
3	MOBILIZATION TO SITE, INCLUDES ALL WORK WITHIN A 1000-FOOT RADIUS	20	EA	\$4,500.00	\$90,000.00	\$2,000.00	\$40,000.00
A	MOBILIZATION OF HYDRAULIC EXCAVATOR TO SITE, ADDER TO ITEM #3	15	EA	\$1,000.00	\$15,000.00	\$1,000.00	\$15,000.00
4	MOBILIZATION TO SITE, INCLUDES ALL WORK OUTSIDE OF 1000-FOOT RADIUS BUT WITHIN A 2000-FOOT RADIUS, ADDER TO ITEM #3	15	EA	\$2,500.00	\$37,500.00	\$2,000.00	\$30,000.00
A	MOBILIZATION OF HYDRAULIC EXCAVATOR TO SITE, ADDER TO ITEM #4	10	EA	\$1,000.00	\$10,000.00	\$1,000.00	\$10,000.00
	MOBILIZATION SUBTOTAL				\$225,000.00		\$150,000.00
	COMMON ITEMS						
1	ADDITIONAL COMPENSATION FOR NIGHT WORK (6PM TO 5AM)	100	HR	\$450.00	\$45,000.00	\$500.00	\$50,000.00
2	ADDITIONAL COMPENSATION FOR RESTRICTED DAY WORK (9AM TO 4PM)	150	HR	\$350.00	\$52,500.00	\$200.00	\$30,000.00
3	SAW CUT ASPHALT/CONCRETE PAVEMENT	1,000	LF	\$5.00	\$5,000.00	\$10.00	\$10,000.00
4	REMOVE ASPHALT/CONCRETE PAVEMENT						
A	UP TO 6" DEEP	25	SY	\$8.00	\$200.00	\$20.00	\$500.00
B	6.1" TO 12"	25	SY	\$10.00	\$250.00	\$20.00	\$500.00
C	12.1" TO 18"	25	SY	\$15.00	\$375.00	\$20.00	\$500.00
D	18.1" TO 24"	25	SY	\$20.00	\$500.00	\$20.00	\$500.00
E	24.1" TO 30"	25	SY	\$25.00	\$625.00	\$30.00	\$750.00
F	30.1" AND DEEPER	25	SY	\$40.00	\$1,000.00	\$60.00	\$1,500.00
5	INSTALL ASPHALT PAVEMENT						
A	MAIN THOROUGHFARES, 10" DEEP	200	SY	\$88.00	\$17,600.00	\$100.00	\$20,000.00
B	MINOR THOROUGHFARES/RESIDENTIAL STREETS, 8" DEEP	100	SY	\$75.00	\$7,500.00	\$75.00	\$7,500.00
C	ADDER FOR ADDITIONAL DEPTH PER 1-INCH	50	SY	\$15.00	\$750.00	\$65.00	\$3,250.00
D	INSTALL SURFACE COURSE OVERLAY, 1.25" MIN THICKNESS	200	SY	\$25.00	\$5,000.00	\$25.00	\$5,000.00
6	INSTALL CONCRETE PAVEMENT, REPLACE FULL PANEL, 5000 PSI, 12" DEEP W/DOWELS AND/OR TIE BARS, PER NCDOT SPECIFICATION	35	SY	\$275.00	\$9,625.00	\$500.00	\$17,500.00
7	REMOVE CONCRETE SIDEWALK AND REPLACE WITH ASPHALT SIDEWALK, MIN 4" THICK	100	SY	\$60.00	\$6,000.00	\$70.00	\$7,000.00
8	REMOVE CONCRETE CURB AND GUTTER AND REPLACE WITH ASPHALT ROLL TYPE CURBING, FULL DEPTH	25	LF	\$40.00	\$1,000.00	\$50.00	\$1,250.00
9	REMOVE AND REPLACE CONCRETE SIDEWALK, MIN 4" THICK	100	SY	\$65.00	\$6,500.00	\$70.00	\$7,000.00

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10	REMOVE AND REPLACE CONCRETE CURB AND GUTTER, MATCH EXISTING PROFILE	150	LF	\$45.00	\$6,750.00	\$50.00	\$7,500.00
11	REMOVE AND REPLACE CONCRETE DRIVEWAY ENTRANCE	100	LF	\$85.00	\$8,500.00	\$63.00	\$6,300.00
12	REMOVE AND REPLACE CONCRETE DRIVEWAY, MIN 6" THICK	25	SY	\$75.00	\$1,875.00	\$100.00	\$2,500.00
13	REPLACE PAVEMENT MARKINGS						
A	4" SOLID WHITE OR YELLOW LINE (PAINT)	50	LF	\$5.00	\$250.00	\$2.00	\$100.00
B	4" SOLID WHITE OR YELLOW LINE (THERMOPLASTIC)	50	LF	\$12.00	\$600.00	\$4.00	\$200.00
C	4" WHITE OR YELLOW SKIP LINE (PAINT)	50	LF	\$5.00	\$250.00	\$2.00	\$100.00
D	4" WHITE OR YELLOW SKIP LINE (THERMOPLASTIC)	50	LF	\$12.00	\$600.00	\$4.00	\$200.00
E	4" SOLID DOUBLE YELLOW LINE (PAINT)	50	LF	\$8.00	\$400.00	\$3.00	\$150.00
F	4" SOLID DOUBLE YELLOW LINE (THERMOPLASTIC)	50	LF	\$20.00	\$1,000.00	\$7.00	\$350.00
G	8" SOLID WHITE LINE (PAINT)	25	LF	\$8.00	\$200.00	\$3.00	\$75.00
H	8" SOLID WHITE LINE (THERMOPLASTIC)	25	LF	\$20.00	\$500.00	\$7.00	\$175.00
I	24" SOLID WHITE STOP BAR (PAINT)	20	LF	\$20.00	\$400.00	\$5.00	\$100.00
J	24" SOLID WHITE STOP BAR (THERMOPLASTIC)	20	LF	\$40.00	\$800.00	\$17.00	\$340.00
K	LEFT TURN, RIGHT TURN, STRAIGHT ARROW SYMBOL (PAINT)	15	EA	\$500.00	\$7,500.00	\$150.00	\$2,250.00
L	LEFT TURN, RIGHT TURN, STRAIGHT ARROW SYMBOL (THERMOPLASTIC)	15	EA	\$1,000.00	\$15,000.00	\$300.00	\$4,500.00
14	SELECT BACKFILL	750	CY	\$27.00	\$20,250.00	\$30.00	\$22,500.00
15	PLAIN CONCRETE THRUST BLOCKING	150	CY	\$175.00	\$26,250.00	\$250.00	\$37,500.00
16	REPAIR ALL GRASSED AND/OR MULCHED AREAS PER CMUD STD SPECIFICATION	400	SY	\$5.00	\$2,000.00	\$4.00	\$1,600.00
17	INSTALL SOD OR SPECIAL GRASS AS DIRECTED BY THE ENGINEER.	50	SY	\$20.00	\$1,000.00	\$20.00	\$1,000.00
18	REPAIR PRIVATE IRRIGATION SYSTEM						
A	REPAIR/REPLACE DAMAGED LATERAL AND ZONE WIRING	5	LF	\$25.00	\$125.00	\$200.00	\$1,000.00
B	REPLACE/REINSTALL SPRINKLER HEAD	5	EA	\$225.00	\$1,125.00	\$200.00	\$1,000.00
19	EROSION CONTROL						
A	SILT FENCE	200	LF	\$4.00	\$800.00	\$5.00	\$1,000.00
B	TEMPORARY INLET PROTECTION	25	EA	\$150.00	\$3,750.00	\$200.00	\$5,000.00
C	EROSION CONTROL BLANKET/JUTE NETTING	100	SY	\$5.00	\$500.00	\$10.00	\$1,000.00
20	TRAFFIC CONTROL				\$0.00		\$0.00
A	FULL TIME FLAGGER W/PADDLE SIGN	175	HR	\$27.00	\$4,725.00	\$200.00	\$35,000.00
B	REFLECTIVE TRAFFIC CONTROL SIGNS (REGARDLES OF SIZE)	20	EA	\$60.00	\$1,200.00	\$100.00	\$2,000.00
C	REFLECTIVE 28" TALL TRAFFIC CONES	25	EA	\$60.00	\$1,500.00	\$40.00	\$1,000.00
D	REFLECTIVE 36" TALL NON-METALLIC DRUMS	20	EA	\$75.00	\$1,500.00	\$50.00	\$1,000.00
	REFLECTIVE 8' WIDE TYPE 3 BARRICADES	10	EA	\$250.00	\$2,500.00	\$500.00	\$5,000.00
F	CONCRETE BARRIERS	300	LF	\$15.00	\$4,500.00	\$20.00	\$6,000.00
G	CRASH CUSHION FOR CONCRETE BARRIER	15	EA	\$400.00	\$6,000.00	\$5,000.00	\$75,000.00
H	FLASHING ARROW PANEL	20	EA	\$400.00	\$8,000.00	\$1,000.00	\$20,000.00
I	OFF-DUTY POLICE OFFICER	75	HR	\$55.00	\$4,125.00	\$200.00	\$15,000.00
21	LOCATING EXISTING UNDERGROUND UTILITIES						

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A	IN PAVEMENT	100	EA	\$200.00	\$20,000.00	\$500.00	\$50,000.00
B	OUTSIDE OF PAVEMENT	50	EA	\$100.00	\$5,000.00	\$100.00	\$5,000.00
22	MATERIAL DENSITY TESTING						
A	LABORATORY TESTING SERVICES	25	EA	\$275.00	\$6,875.00	\$300.00	\$7,500.00
B	FIELD TESTING SERVICES	300	HR	\$75.00	\$22,500.00	\$250.00	\$75,000.00
23	STORM DRAIN REPLACEMENT						
A	18" DIAMETER AND SMALLER	30	LF	\$35.00	\$1,050.00	\$50.00	\$1,500.00
B	21" DIAMETER AND LARGER	30	LF	\$50.00	\$1,500.00	\$100.00	\$3,000.00
24	SOLID ROCK EXCAVATION	100	CY	\$100.00	\$10,000.00	\$300.00	\$30,000.00
25	LIQUIDATED DAMAGES		DAY	-\$400.00	\$0.00	-\$400.00	\$0.00
26	STEEL TRAFFIC PLATES, RECESSED IN PAVEMENT	25	EA	\$750.00	\$18,750.00	\$2,000.00	\$50,000.00
	COMMON ITEMS SUBTOTAL				\$379,575.00		\$641,190.00
	WATER ITEMS						
1	FIRE HYDRANTS						
A	FURNISH AND INSTALL NEW 'STORZ' FIRE HYDRANT	35	EA	\$5,000.00	\$175,000.00	\$4,000.00	\$140,000.00
B	RELOCATE EXISTING FIRE HYDRANT	25	EA	\$4,000.00	\$100,000.00	\$4,500.00	\$112,500.00
C	FURNISH AND INSTALL HYDRANT EXTENSION	15	VF	\$525.00	\$7,875.00	\$500.00	\$7,500.00
D	FURNISH AND INSTALL RESTRAINED JOINT 6" DIP	75	LF	\$35.00	\$2,625.00	\$200.00	\$15,000.00
E	FURNISH AND INSTALL RESTRAINED JOINT 6" GATE VALVE	10	EA	\$900.00	\$9,000.00	\$1,027.00	\$10,270.00
F	RESTRAIN EXISTING HYDRANT LEG PRIOR TO REMOVAL OF FIRE HYDRANT	10	EA	\$600.00	\$6,000.00	\$1,000.00	\$10,000.00
2	FURNISH AND INSTALL TAPPING SLEEVE AND GATE VALVE						
A	24"X6" ON PCCP	1	EA	\$18,000.00	\$18,000.00	\$7,000.00	\$7,000.00
B	24"X4" ON PCCP	1	EA	\$16,000.00	\$16,000.00	\$7,000.00	\$7,000.00
C	24"X6"	1	EA	\$10,000.00	\$10,000.00	\$4,000.00	\$4,000.00
D	24"X4"	1	EA	\$9,000.00	\$9,000.00	\$4,000.00	\$4,000.00
E	20"X6"	1	EA	\$8,500.00	\$8,500.00	\$4,000.00	\$4,000.00
F	20"X4"	1	EA	\$8,200.00	\$8,200.00	\$4,000.00	\$4,000.00
G	16"X6"	1	EA	\$6,000.00	\$6,000.00	\$3,000.00	\$3,000.00
H	16"X4"	1	EA	\$5,500.00	\$5,500.00	\$3,000.00	\$3,000.00
I	12"X6"	1	EA	\$5,400.00	\$5,400.00	\$2,500.00	\$2,500.00
J	12"X4"	1	EA	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00
K	8"X6"	1	EA	\$5,000.00	\$5,000.00	\$2,400.00	\$2,400.00
L	8"X4"	1	EA	\$4,800.00	\$4,800.00	\$2,400.00	\$2,400.00
M	6"X6"	1	EA	\$4,700.00	\$4,700.00	\$2,200.00	\$2,200.00
N	6"X4"	1	EA	\$4,600.00	\$4,600.00	\$2,200.00	\$2,200.00
O	ADDER FOR 6" THROUGH 12", 5' TO 8' DEEP	10	VF	\$250.00	\$2,500.00	\$100.00	\$1,000.00
P	ADDER FOR 6" THROUGH 12", 8.1' TO 10' DEEP	10	VF	\$450.00	\$4,500.00	\$150.00	\$1,500.00

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Q	ADDER FOR 6" THROUGH 12", GREATER THAN 10.1' DEEP	10	VF	\$700.00	\$7,000.00	\$200.00	\$2,000.00
R	ADDER FOR 16" THROUGH 24", 6' TO 9' DEEP	10	VF	\$350.00	\$3,500.00	\$100.00	\$1,000.00
S	ADDER FOR 16" THROUGH 24", 9.1' TO 11' DEEP	10	VF	\$600.00	\$6,000.00	\$200.00	\$2,000.00
T	ADDER FOR 16" THROUGH 24", GREATER THAN 11.1' DEEP	10	VF	\$950.00	\$9,500.00	\$250.00	\$2,500.00
3	FURNISH AND INSTALL TEE AND GATE VALVE ON EXISTING MAIN						
A	24"X6" W/6" GATE VALVE	1	EA	\$15,000.00	\$15,000.00	\$25,000.00	\$25,000.00
B	24"X6" W/REDUCER AND 4" GATE VALVE	1	EA	\$15,000.00	\$15,000.00	\$24,000.00	\$24,000.00
C	24"X6" W/REDUCER AND 3" GATE VALVE	1	EA	\$15,000.00	\$15,000.00	\$24,000.00	\$24,000.00
D	20"X6" W/6" GATE VALVE	1	EA	\$13,000.00	\$13,000.00	\$20,000.00	\$20,000.00
E	20"X6" W/REDUCER AND 4" GATE VALVE	1	EA	\$13,000.00	\$13,000.00	\$19,000.00	\$19,000.00
F	20"X6" W/REDUCER AND 3" GATE VALVE	1	EA	\$13,000.00	\$13,000.00	\$19,000.00	\$19,000.00
G	16"X6" W/6" GATE VALVE	1	EA	\$12,000.00	\$12,000.00	\$15,000.00	\$15,000.00
H	16"X6" W/REDUCER AND 4" GATE VALVE	1	EA	\$11,000.00	\$11,000.00	\$14,000.00	\$14,000.00
I	16"X6" W/REDUCER AND 3" GATE VALVE	1	EA	\$10,000.00	\$10,000.00	\$14,000.00	\$14,000.00
J	12"X6" W/6" GATE VALVE	1	EA	\$6,000.00	\$6,000.00	\$12,000.00	\$12,000.00
K	12"X4" W/4" GATE VALVE	1	EA	\$5,500.00	\$5,500.00	\$12,000.00	\$12,000.00
L	12"X3" W/3" GATE VALVE	1	EA	\$5,000.00	\$5,000.00	\$12,000.00	\$12,000.00
M	8"X6" W/6" GATE VALVE	1	EA	\$4,500.00	\$4,500.00	\$9,000.00	\$9,000.00
N	8"X4" W/4" GATE VALVE	1	EA	\$4,200.00	\$4,200.00	\$9,000.00	\$9,000.00
O	8"X3" W/3" GATE VALVE	1	EA	\$3,800.00	\$3,800.00	\$9,000.00	\$9,000.00
P	6"X6" W/6" GATE VALVE	1	EA	\$3,700.00	\$3,700.00	\$8,000.00	\$8,000.00
Q	6"X4" W/4" GATE VALVE	1	EA	\$3,600.00	\$3,600.00	\$8,000.00	\$8,000.00
R	6"X3" W/3" GATE VALVE	1	EA	\$3,500.00	\$3,500.00	\$8,000.00	\$8,000.00
S	ADDER FOR 6" THROUGH 12", 5' TO 8' DEEP	10	VF	\$250.00	\$2,500.00	\$100.00	\$1,000.00
T	ADDER FOR 6" THROUGH 12", 8.1' TO 10' DEEP	10	VF	\$450.00	\$4,500.00	\$100.00	\$1,000.00
U	ADDER FOR 6" THROUGH 12", GREATER THAN 10.1' DEEP	10	VF	\$700.00	\$7,000.00	\$500.00	\$5,000.00
V	ADDER FOR 16" THROUGH 24", 6' TO 9' DEEP	10	VF	\$350.00	\$3,500.00	\$100.00	\$1,000.00
W	ADDER FOR 16" THROUGH 24", 9.1' TO 11' DEEP	10	VF	\$600.00	\$6,000.00	\$100.00	\$1,000.00
X	ADDER FOR 16" THROUGH 24", GREATER THAN 11.1' DEEP	10	VF	\$950.00	\$9,500.00	\$500.00	\$5,000.00
4	FURNISH AND INSTALL VALVE ON EXISTING MAIN						
A	2" GATE VALVE	1	EA	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00
B	6" GATE VALVE	1	EA	\$2,500.00	\$2,500.00	\$3,600.00	\$3,600.00
C	8" GATE VALVE	1	EA	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
D	12" GATE VALVE	1	EA	\$6,500.00	\$6,500.00	\$8,000.00	\$8,000.00
E	18" BUTTERFLY VALVE	1	EA	\$9,000.00	\$9,000.00	\$15,000.00	\$15,000.00
F	20" BUTTERFLY VALVE	1	EA	\$14,000.00	\$14,000.00	\$25,000.00	\$25,000.00
G	24" BUTTERFLY VALVE	1	EA	\$17,000.00	\$17,000.00	\$30,000.00	\$30,000.00
H	24" BUTTERFLY VALVE ON PCCP, INCLUDES 2 ADAPTERS	1	EA	\$25,000.00	\$25,000.00	\$40,000.00	\$40,000.00
I	ADDER FOR 6" THROUGH 12", 5' TO 8' DEEP	10	VF	\$250.00	\$2,500.00	\$100.00	\$1,000.00
J	ADDER FOR 6" THROUGH 12", 8.1' TO 10' DEEP	10	VF	\$450.00	\$4,500.00	\$200.00	\$2,000.00

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K	ADDER FOR 6" THROUGH 12", GREATER THAN 10.1' DEEP	10	VF	\$700.00	\$7,000.00	\$500.00	\$5,000.00
L	ADDER FOR 16" THROUGH 24", 6' TO 9' DEEP	10	VF	\$350.00	\$3,500.00	\$100.00	\$1,000.00
M	ADDER FOR 16" THROUGH 24", 9.1' TO 11' DEEP	10	VF	\$600.00	\$6,000.00	\$200.00	\$2,000.00
N	ADDER FOR 16" THROUGH 24", GREATER THAN 11.1' DEEP	10	VF	\$950.00	\$9,500.00	\$500.00	\$5,000.00
O	VALVE EXTENSION (BEYOND 4' IN DEPTH)	5	VF	\$20.00	\$100.00	\$250.00	\$1,250.00
P	2" AIR RELEASE (TO BE INSTALLED IN SAME PIT AS NEW VALVE)	5	EA	\$2,000.00	\$10,000.00	\$800.00	\$4,000.00
Q	1" AIR RELEASE (TO BE INSTALLED IN SAME PIT AS NEW VALVE)	5	EA	\$1,900.00	\$9,500.00	\$550.00	\$2,750.00
5	VAULT DEMOLITION						
A	IN PAVEMENT						
i	REMOVE PRECAST TOP	3	EA	\$1,000.00	\$3,000.00	\$1,000.00	\$3,000.00
ii	REMOVE PRECAST TOP AND WALLS	3	EA	\$1,500.00	\$4,500.00	\$2,000.00	\$6,000.00
B	OUTSIDE OF PAVEMENT						
i	REMOVE PRECAST TOP	3	EA	\$750.00	\$2,250.00	\$500.00	\$1,500.00
ii	REMOVE PRECAST TOP AND WALLS	3	EA	\$1,000.00	\$3,000.00	\$500.00	\$1,500.00
6	FURNISH AND INSTALL RED BRASS AIR RELEASE ON EXISTING MAIN						
A	2" AIR RELEASE (16" THROUGH 24" MAIN)						
i	0' TO 4' DEEP	1	EA	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
ii	4.1' TO 8.0' DEEP	1	EA	\$2,200.00	\$2,200.00	\$2,000.00	\$2,000.00
iii	8.1' TO 10.0' DEEP	1	EA	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
iv	GREATER THAN 10.1' DEEP	1	EA	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00
B	1" AIR RELEASE (8" AND 12" MAIN)						
i	0' TO 4' DEEP	1	EA	\$1,400.00	\$1,400.00	\$1,500.00	\$1,500.00
ii	4.1' TO 8.0' DEEP	1	EA	\$1,600.00	\$1,600.00	\$1,500.00	\$1,500.00
iii	8.1' TO 10.0' DEEP	1	EA	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00
iv	GREATER THAN 10.1' DEEP	1	EA	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
7	FURNISH AND INSTALL 2" RED BRASS BLOW-OFF ON EXISTING MAIN						
A	6" AND 8" MAIN	1	EA	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00
B	12" MAIN	1	EA	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00
C	16" MAIN	1	EA	\$2,500.00	\$2,500.00	\$4,000.00	\$4,000.00
D	20" MAIN	1	EA	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00
E	24" MAIN	1	EA	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00
F	ADDER FOR 6" THROUGH 12", 5' TO 8' DEEP	10	VF	\$250.00	\$2,500.00	\$100.00	\$1,000.00
G	ADDER FOR 6" THROUGH 12", 8.1' TO 10' DEEP	10	VF	\$450.00	\$4,500.00	\$100.00	\$1,000.00
H	ADDER FOR 6" THROUGH 12", GREATER THAN 10.1' DEEP	10	VF	\$700.00	\$7,000.00	\$200.00	\$2,000.00
I	ADDER FOR 16" THROUGH 24", 6' TO 9' DEEP	10	VF	\$350.00	\$3,500.00	\$150.00	\$1,500.00
J	ADDER FOR 16" THROUGH 24", 9.1' TO 11' DEEP	10	VF	\$600.00	\$6,000.00	\$150.00	\$1,500.00
K	ADDER FOR 16" THROUGH 24", GREATER THAN 11.1' DEEP	10	VF	\$950.00	\$9,500.00	\$150.00	\$1,500.00
8	FURNISH AND INSTALL LINE STOP						
A	2"	1	EA	\$5,500.00	\$5,500.00	\$5,000.00	\$5,000.00
B	4"	1	EA	\$6,500.00	\$6,500.00	\$5,800.00	\$5,800.00

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				State Utility Contractors, Inc. Monroe, NC		Sanders Utility Construction Co., Inc. Charlotte, NC	
ITEM	DESCRIPTION	QUANTITY					
C	6"	1	EA	\$7,000.00	\$7,000.00	\$8,500.00	\$8,500.00
D	8"	1	EA	\$8,000.00	\$8,000.00	\$9,000.00	\$9,000.00
E	12"	1	EA	\$10,000.00	\$10,000.00	\$12,400.00	\$12,400.00
F	16"	1	EA	\$14,000.00	\$14,000.00	\$14,400.00	\$14,400.00
G	20"	1	EA	\$20,000.00	\$20,000.00	\$18,000.00	\$18,000.00
H	24"	1	EA	\$25,000.00	\$25,000.00	\$22,000.00	\$22,000.00
I	24" PCCP	1	EA	\$32,000.00	\$32,000.00	\$32,000.00	\$32,000.00
J	ADDER FOR 6" THROUGH 12", 5' TO 8' DEEP	10	VF	\$250.00	\$2,500.00	\$100.00	\$1,000.00
K	ADDER FOR 6" THROUGH 12", 8.1' TO 10' DEEP	10	VF	\$450.00	\$4,500.00	\$200.00	\$2,000.00
L	ADDER FOR 6" THROUGH 12", GREATER THAN 10.1' DEEP	10	VF	\$700.00	\$7,000.00	\$500.00	\$5,000.00
M	ADDER FOR 16" THROUGH 24", 6' TO 9' DEEP	10	VF	\$350.00	\$3,500.00	\$100.00	\$1,000.00
N	ADDER FOR 16" THROUGH 24", 9.1' TO 11' DEEP	10	VF	\$600.00	\$6,000.00	\$200.00	\$2,000.00
O	ADDER FOR 16" THROUGH 24", GREATER THAN 11.1' DEEP	10	VF	\$950.00	\$9,500.00	\$500.00	\$5,000.00
9	FURNISH AND INSTALL MAIN LINE PIPING						
A	2" PVC	75	LF	\$90.00	\$6,750.00	\$75.00	\$5,625.00
B	4" DIP	75	LF	\$100.00	\$7,500.00	\$100.00	\$7,500.00
C	6" DIP	75	LF	\$105.00	\$7,875.00	\$125.00	\$9,375.00
D	8" DIP	75	LF	\$110.00	\$8,250.00	\$150.00	\$11,250.00
E	12" DIP	75	LF	\$160.00	\$12,000.00	\$200.00	\$15,000.00
F	16" DIP	75	LF	\$175.00	\$13,125.00	\$225.00	\$16,875.00
G	20" DIP	75	LF	\$200.00	\$15,000.00	\$250.00	\$18,750.00
H	24" DIP	75	LF	\$220.00	\$16,500.00	\$275.00	\$20,625.00
I	ADDER FOR 4" THROUGH 12", 5' TO 8' DEEP	10	VF	\$8.00	\$80.00	\$100.00	\$1,000.00
J	ADDER FOR 4" THROUGH 12", 8.1' TO 10' DEEP	10	VF	\$16.00	\$160.00	\$100.00	\$1,000.00
K	ADDER FOR 4" THROUGH 12", GREATER THAN 10.1' DEEP	10	VF	\$28.00	\$280.00	\$200.00	\$2,000.00
L	ADDER FOR 16" THROUGH 24", 6' TO 9' DEEP	10	VF	\$15.00	\$150.00	\$100.00	\$1,000.00
M	ADDER FOR 16" THROUGH 24", 9.1' TO 11' DEEP	10	VF	\$25.00	\$250.00	\$100.00	\$1,000.00
N	ADDER FOR 16" THROUGH 24", GREATER THAN 11.1' DEEP	10	VF	\$35.00	\$350.00	\$200.00	\$2,000.00
10	FITTINGS REQUIRED FOR MAINS AND VALVES 4" DIAMETER AND LARGER	3,000	LBS	\$5.00	\$15,000.00	\$20.00	\$60,000.00
11	FURNISH AND INSTALL SADDLE AND CORP. STOP ON EXISTING MAIN						
A	FOR 3/4" THROUGH 2" SERVICE ON 6" DIAMETER PIPE	1	EA	\$1,200.00	\$1,200.00	\$500.00	\$500.00
B	FOR 3/4" THROUGH 2" SERVICE ON 8" DIAMETER PIPE	1	EA	\$1,400.00	\$1,400.00	\$500.00	\$500.00
C	FOR 3/4" THROUGH 2" SERVICE ON 12" DIAMETER PIPE	1	EA	\$1,600.00	\$1,600.00	\$500.00	\$500.00
D	FOR 3/4" THROUGH 2" SERVICE ON 16" DIAMETER PIPE	1	EA	\$2,000.00	\$2,000.00	\$500.00	\$500.00
E	FOR 3/4" THROUGH 2" SERVICE ON 24" DIAMETER PIPE	1	EA	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00
F	FOR 3/4" THROUGH 2" SERVICE ON 24" DIAMETER PCCP	1	EA	\$6,000.00	\$6,000.00	\$1,000.00	\$1,000.00
G	ADDER FOR 6" THROUGH 12", 5' TO 8' DEEP	10	VF	\$250.00	\$2,500.00	\$100.00	\$1,000.00
H	ADDER FOR 6" THROUGH 12", 8.1' TO 10' DEEP	10	VF	\$450.00	\$4,500.00	\$100.00	\$1,000.00
I	ADDER FOR 6" THROUGH 12", GREATER THAN 10.1' DEEP	10	VF	\$700.00	\$7,000.00	\$100.00	\$1,000.00
J	ADDER FOR 16" THROUGH 24", 6' TO 9' DEEP	10	VF	\$350.00	\$3,500.00	\$150.00	\$1,500.00

CMU CONTRACT FOR MISCELLANEOUS WATER AND SEWER				1		2	
				State Utility Contractors, Inc. Monroe, NC		Sanders Utility Construction Co., Inc. Charlotte, NC	
ITEM	DESCRIPTION	QUANTITY					
K	ADDER FOR 16" THROUGH 24", 9.1' TO 11' DEEP	10	VF	\$600.00	\$6,000.00	\$150.00	\$1,500.00
L	ADDER FOR 16" THROUGH 24", GREATER THAN 11.1' DEEP	10	VF	\$950.00	\$9,500.00	\$150.00	\$1,500.00
12	FURNISH AND INSTALL SERVICE LINE						
A	3/4" OR 1" COPPER VIA PUNCH METHOD	150	LF	\$60.00	\$9,000.00	\$100.00	\$15,000.00
B	3/4" OR 1" COPPER VIA OPEN CUT METHOD	150	LF	\$35.00	\$5,250.00	\$25.00	\$3,750.00
C	1.5" OR 2" COPPER VIA PUNCH METHOD	100	LF	\$85.00	\$8,500.00	\$100.00	\$10,000.00
D	1.5" OR 2" COPPER VIA OPEN CUT METHOD	100	LF	\$50.00	\$5,000.00	\$50.00	\$5,000.00
E	3" COPPER OR DIP VIA PUNCH METHOD	50	LF	\$125.00	\$6,250.00	\$150.00	\$7,500.00
F	3" COPPER OR DIP VIA OPEN CUT METHOD	50	LF	\$75.00	\$3,750.00	\$100.00	\$5,000.00
G	4" DIP RESTRAINED JOINT VIA OPEN CUT METHOD	25	LF	\$95.00	\$2,375.00	\$100.00	\$2,500.00
H	6" DIP RESTRAINED JOINT VIA OPEN CUT METHOD	25	LF	\$100.00	\$2,500.00	\$125.00	\$3,125.00
13	FURNISH AND INSTALL FIRE LINE DETECTOR CHECK						
A	ON 4" SERVICE LINE	1	EA	\$6,500.00	\$6,500.00	\$5,000.00	\$5,000.00
B	ON 6" SERVICE LINE	1	EA	\$7,000.00	\$7,000.00	\$6,000.00	\$6,000.00
C	ON 8" SERVICE LINE	1	EA	\$12,000.00	\$12,000.00	\$7,000.00	\$7,000.00
D	ON 10" SERVICE LINE	1	EA	\$15,000.00	\$15,000.00	\$8,500.00	\$8,500.00
14	RELOCATE EXISTING 3/4" OR 1" METER BOX ASSEMBLY	1	EA	\$3,000.00	\$3,000.00	\$500.00	\$500.00
15	METER BOX PARTS						
A	ADDER FOR NEW CONCRETE METER BOX	5	EA	\$450.00	\$2,250.00	\$100.00	\$500.00
B	ADDER FOR NEW DWF PLASTIC METER BOX LID	5	EA	\$450.00	\$2,250.00	\$150.00	\$750.00
C	ADDER FOR NEW YOKE	5	EA	\$200.00	\$1,000.00	\$100.00	\$500.00
D	ADDER FOR NEW ANGLE VALVE AND FITTINGS	5	EA	\$600.00	\$3,000.00	\$100.00	\$500.00
16	RELOCATE EXISTING VAULT ASSEMBLY						
A	FOR 1.5" OR 2" SERVICE	1	EA	\$4,000.00	\$4,000.00	\$1,000.00	\$1,000.00
i	ADDER FOR NEW 2' X 3' VAULT	1	EA	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00
ii	ADDER FOR NEW FRAME AND COVER	1	EA	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00
iii	ADDER FOR NEW PLUMBING PER CMU STANDARD DETAIL, INCLUDES NEW METER	1	EA	\$9,000.00	\$9,000.00	\$2,500.00	\$2,500.00
B	FOR 3" OR 4" SERVICE	1	EA	\$7,000.00	\$7,000.00	\$9,000.00	\$9,000.00
i	ADDER FOR NEW 4' X 6' VAULT	1	EA	\$4,000.00	\$4,000.00	\$3,000.00	\$3,000.00
ii	ADDER FOR NEW FRAME AND COVER	1	EA	\$1,700.00	\$1,700.00	\$1,000.00	\$1,000.00
iii	ADDER FOR NEW PLUMBING PER CMU STANDARD DETAIL, INCLUDES NEW METER	1	EA	\$16,000.00	\$16,000.00	\$10,000.00	\$10,000.00
C	FOR 6" OR 8" SERVICE	1	EA	\$8,000.00	\$8,000.00	\$20,000.00	\$20,000.00
i	ADDER FOR NEW 6' X 8' VAULT	1	EA	\$7,000.00	\$7,000.00	\$2,000.00	\$2,000.00
ii	ADDER FOR NEW FRAME AND COVER	1	EA	\$3,000.00	\$3,000.00	\$1,000.00	\$1,000.00
iii	ADDER FOR NEW PLUMBING PER CMU STANDARD DETAIL, INCLUDES NEW METER	1	EA	\$18,000.00	\$18,000.00	\$25,000.00	\$25,000.00
D	FOR 10" X 6" OR 10" X 12" X 6" COMBO	1	EA	\$18,000.00	\$18,000.00	\$40,000.00	\$40,000.00
i	ADDER FOR NEW 8'X10' VAULT	1	EA	\$9,500.00	\$9,500.00	\$5,000.00	\$5,000.00

CMU CONTRACT FOR MISCELLANEOUS WATER AND SEWER			1		2		
			State Utility Contractors, Inc. Monroe, NC		Sanders Utility Construction Co., Inc. Charlotte, NC		
ITEM	DESCRIPTION	QUANTITY					
ii	ADDER FOR NEW FRAME AND COVER	1	EA	\$4,000.00	\$4,000.00	\$1,000.00	\$1,000.00
iii	ADDER FOR NEW PLUMBING PER CMU STANDARD DETAIL, INCLUDES NEW METER	1	EA	\$37,000.00	\$37,000.00	\$50,000.00	\$50,000.00
17	LOCATE AND CLOSE CORP. ON MAIN						
A	0 TO 4 FEET OF COVER	5	EA	\$750.00	\$3,750.00	\$1,000.00	\$5,000.00
B	4.1 TO 6 FEET OF COVER	5	EA	\$1,200.00	\$6,000.00	\$2,000.00	\$10,000.00
C	6.1 TO 10 FEET OF COVER	5	EA	\$2,000.00	\$10,000.00	\$5,000.00	\$25,000.00
D	GREATER THAN 10.1 FEET OF COVER	5	EA	\$3,500.00	\$17,500.00	\$7,000.00	\$35,000.00
18	RECOVER & ADJUST PAVED OVER VALVE BOX OR RING AND COVER						
A	SURFACE LOCATE AND POT HOLE OF PAVED OVER VALVE	5	EA	\$1,000.00	\$5,000.00	\$1,000.00	\$5,000.00
B	RAISE VALVE BOX TO EXISITNG GRADE						
i	TOP SECTION ONLY	5	EA	\$350.00	\$1,750.00	\$500.00	\$2,500.00
ii	WHOLE BOX, UP TO 5' DEEP	5	EA	\$1,200.00	\$6,000.00	\$1,000.00	\$5,000.00
iii	WHOLE BOX, 5.1' TO 10' DEEP	5	EA	\$2,000.00	\$10,000.00	\$2,000.00	\$10,000.00
iv	WHOLE BOX, BEYOND 10' DEEP	5	EA	\$4,000.00	\$20,000.00	\$5,000.00	\$25,000.00
C	RAISE RING AND COVER TO EXISITNG GRADE	5	EA	\$500.00	\$2,500.00	\$1,500.00	\$7,500.00
D	ADDER FOR REPLACING VALVE BOX AND LID	5	EA	\$300.00	\$1,500.00	\$250.00	\$1,250.00
E	ADDER FOR REPLACING LID	5	EA	\$100.00	\$500.00	\$150.00	\$750.00
F	ADDER FOR REPLACING RING AND COVER	5	EA	\$600.00	\$3,000.00	\$250.00	\$1,250.00
G	ADDER FOR REPLACING COVER	5	EA	\$300.00	\$1,500.00	\$200.00	\$1,000.00
19	ABANDON GATE VALVE IN-PLACE, REMOVE TOP SECTION OF VALVE BOX AND CLOSE VALVE						
A	IN PAVEMENT	5	EA	\$1,200.00	\$6,000.00	\$1,000.00	\$5,000.00
B	OUTSIDE PAVEMENT	5	EA	\$600.00	\$3,000.00	\$500.00	\$2,500.00
20	OPERATE VALVES FOR PURPOSE OF ISOLATION						
A	OPERATE GATE VALVES 12" AND SMALLER	5	EA	\$750.00	\$3,750.00	\$500.00	\$2,500.00
B	OPERATE BUTTERFLY OR OTHER VALVES 16" AND LARGER	5	EA	\$850.00	\$4,250.00	\$500.00	\$2,500.00
C	VACUUM DEBRIS FROM VALVE BOX	5	EA	\$400.00	\$2,000.00	\$3,000.00	\$15,000.00
D	DEWATER VAULT	5	EA	\$600.00	\$3,000.00	\$2,000.00	\$10,000.00
E	CLEAN OUT DEBRIS FROM VAULT	5	EA	\$900.00	\$4,500.00	\$3,000.00	\$15,000.00
	WATER SUBTOTAL				\$1,521,845.00		\$1,612,045.00
	SEWER ITEMS						
1	SURFACE LOCATE AND POT HOLE OF PAVED OVER MANHOLE RING AND COVER	35	EA	\$2,000.00	\$70,000.00	\$500.00	\$17,500.00
2	RAISE MANHOLE RING AND COVER TO GRADE						
A	IN PAVEMENT						
i	RAISE 0" TO 4"	5	EA	\$450.00	\$2,250.00	\$500.00	\$2,500.00



CMU CONTRACT FOR MISCELLANEOUS WATER AND SEWER				1		2	
				State Utility Contractors, Inc. Monroe, NC		Sanders Utility Construction Co., Inc. Charlotte, NC	
ITEM	DESCRIPTION	QUANTITY					
ii	RAISE 4.1" TO 8"	5	EA	\$600.00	\$3,000.00	\$500.00	\$2,500.00
iii	RAISE 8.1" TO 12"	5	EA	\$750.00	\$3,750.00	\$500.00	\$2,500.00
iv	RAISE 12.1" TO 16"	5	EA	\$1,000.00	\$5,000.00	\$1,000.00	\$5,000.00
B	OUTSIDE OF PAVEMENT						
i	RAISE 0" TO 4"	5	EA	\$200.00	\$1,000.00	\$250.00	\$1,250.00
ii	RAISE 4.1" TO 8"	5	EA	\$300.00	\$1,500.00	\$250.00	\$1,250.00
iii	RAISE 8.1" TO 12"	5	EA	\$600.00	\$3,000.00	\$500.00	\$2,500.00
iv	RAISE 12.1" TO 16"	5	EA	\$800.00	\$4,000.00	\$500.00	\$2,500.00
C	ADDER FOR REPLACING MANHOLE RING AND COVER	5	EA	\$550.00	\$2,750.00	\$300.00	\$1,500.00
3	REPLACE MANHOLE RING AND COVER						
A	IN PAVEMENT	15	EA	\$1,500.00	\$22,500.00	\$1,000.00	\$15,000.00
B	OUTSIDE OF PAVEMENT	15	EA	\$900.00	\$13,500.00	\$500.00	\$7,500.00
4	REPLACE MANHOLE COVER	10	EA	\$275.00	\$2,750.00	\$250.00	\$2,500.00
5	REPLACE TOP OF MANHOLE WITH PRECAST CONCRETE CONE SECTION						
A	IN PAVEMENT	5	EA	\$4,500.00	\$22,500.00	\$2,000.00	\$10,000.00
B	OUTSIDE OF PAVEMENT	5	EA	\$2,500.00	\$12,500.00	\$1,000.00	\$5,000.00
6	FURNISH AND INSTALL CLEAN-OUT ON EXISTING SANITARY SEWER LATERAL, 4" & 6" DIAMETER						
A	0' TO 4' DEEP	5	EA	\$750.00	\$3,750.00	\$500.00	\$2,500.00
B	4.1' TO 8' DEEP	5	EA	\$1,000.00	\$5,000.00	\$500.00	\$2,500.00
C	8.1' TO 10' DEEP	5	EA	\$1,500.00	\$7,500.00	\$2,000.00	\$10,000.00
D	BEYOND 10.1' DEEP	5	EA	\$2,000.00	\$10,000.00	\$5,000.00	\$25,000.00
7	FURNISH AND INSTALL DIP SANITARY SEWER LATERAL, 4" & 6" DIAMETER, INCLUDES CLEAN-OUT AT R/W						
A	0' TO 4' DEEP	30	LF	\$80.00	\$2,400.00	\$100.00	\$3,000.00
B	4.1' TO 8' DEEP	30	LF	\$100.00	\$3,000.00	\$100.00	\$3,000.00
C	8.1' TO 10' DEEP	30	LF	\$140.00	\$4,200.00	\$150.00	\$4,500.00
D	BEYOND 10.1' DEEP	30	LF	\$200.00	\$6,000.00	\$200.00	\$6,000.00
8	FURNISH AND INSTALL SANITARY SEWER TAP OR TEE ON MAIN, 4" & 6" DIAMETER						
A	0' TO 4' DEEP	10	EA	\$800.00	\$8,000.00	\$2,000.00	\$20,000.00
B	4.1' TO 8' DEEP	10	EA	\$1,000.00	\$10,000.00	\$3,500.00	\$35,000.00
C	8.1' TO 10' DEEP	10	EA	\$1,500.00	\$15,000.00	\$4,000.00	\$40,000.00
D	BEYOND 10.1' DEEP	10	EA	\$2,000.00	\$20,000.00	\$7,500.00	\$75,000.00
	SEWER SUBTOTAL				\$264,850.00		\$305,500.00
	WATER SUBTOTAL				\$1,521,845.00		\$1,612,045.00
	COMMON SUBTOTAL				\$379,575.00		\$641,190.00

CMU CONTRACT FOR MISCELLANEOUS WATER AND SEWER			1		2	
			State Utility Contractors, Inc. Monroe, NC		Sanders Utility Construction Co., Inc. Charlotte, NC	
ITEM	DESCRIPTION	QUANTITY				
	MOBILIZATION SUBTOTAL				\$225,000.00	\$150,000.00
	SUB-SUBTOTAL				\$2,391,270.00	\$2,708,735.00
9	CONTINGENCY (5% OF SUB-SUBTOTAL)				\$119,563.50	\$135,436.75
	GRAND TOTAL				\$2,510,833.50	\$2,844,171.75