

BID TABULATION FY 16 WATER & SEWER EXTENSION / REPLACEMENT PROJECTS - CONTRACT 3

RH Price, Inc.

BID ITEM		DESCRIPTION	QUANTITY		UNIT PRICE	TOTAL
SECTION ONE - COMMON ITEMS						
MOBILIZATION						
1		FOR MOBILIZATION TO THE PROJECT SITE, AS SPECIFIED				
	A	"TYPE A" MOBILIZATION (THIS ITEM IS LIMITED TO 3% OF THE TOTAL BID AMOUNT)	1	LS	\$80,000.00	\$80,000.00
	B	"TYPE B" MOBILIZATION (THIS ITEM IS LIMITED TO 50% OF THE "TYPE A" BID AMOUNT)	1	EA	\$8,000.00	\$8,000.00
	C	"TYPE C" MOBILIZATION (THIS ITEM IS LIMITED TO 15% OF THE "TYPE A" BID AMOUNT)	15	EA	\$8,000.00	\$120,000.00
ROCK EXCAVATION						
2		FOR SOLID ROCK EXCAVATION, AS SPECIFIED				
	A	FOR THE FIRST 25 CY ROCK EXCAVATION PER PROJECT	40	CY	\$100.00	\$4,000.00
	B	FOR ADDITIONAL ROCK EXCAVATION AFTER THE INITIAL 25 CY PER PROJECT	160	CY	\$60.00	\$9,600.00
STONE STABILIZATION						
3		FOR STONE STABILIZATION MATERIAL AS SPECIFIED, COMPLETE IN PLACE	10	TN	\$30.00	\$300.00
ASPHALT PAVEMENT						
4		FOR CUTTING (SAWING), MILLING AND REPLACING ALL ASPHALTIC PAVEMENT AS SPECIFIED, COMPLETE IN PLACE				
	A	FOR CUTTING (SAWING) ASPHALT PAVEMENT	5,400	LF	\$1.00	\$5,400.00
	B	FOR REMOVING AND DISPOSING OF ASPHALT PAVEMENT				
	a	1-INCH DEPTH	1,300	SY	\$4.00	\$5,200.00
	C	FOR REPLACING ASPHALT PAVEMENT				
	a	1-INCH DEPTH SURFACE COURSE	4,000	SY	\$11.00	\$44,000.00
	b	1-INCH DEPTH INTERMEADIATE or BASE COURSE	2,000	SY	\$11.00	\$22,000.00
	D	FOR REPLACING ABC STONE BASE				
	a	1-INCH DEPTH OF STONE BASE	175	SY	\$4.00	\$700.00
	F	FOR REMOVING AND REPLACING ROLL TYPE FULL DEPTH COMPACTED ASPHALT CURBING (hand placed or by machine)	75	LF	\$20.00	\$1,500.00
	G	MILLING EXISTING ASPHALT				
	a	MOBILIZATION OF MILLING MACHINE	2	EA	\$4,000.00	\$8,000.00
	b	MILLING TO A DEPTH OF 1.5-INCHES	1,200	SY	\$2.00	\$2,400.00
CONCRETE						
5		FOR CUTTING (SAWING) AND REPLACING CONCRETE DRIVEWAYS AND WALKWAYS, AS SPECIFIED, COMPLETE IN PLACE				
	A	FOR CUTTING (SAWING) CONCRETE	125	LF	\$4.00	\$500.00
	B	FOR REMOVING & DISPOSING OF CONCRETE				
	a	0"-4"DEPTH	175	SY	\$4.00	\$700.00
	b	4"-8" DEPTH	25	SY	\$6.00	\$150.00
	c	FOR EACH ADDITIONAL 2-INCH DEPTH OF REMOVAL AND DISPOSAL OF CONCRETE (Will be in addition to Item B (b) Above)	25	SY	\$2.00	\$50.00
	C	FOR REPLACING CONCRETE				
	a	4" DEPTH	150	SY	\$80.00	\$12,000.00
	b	6"DEPTH	50	SY	\$90.00	\$4,500.00
	c	FOR EACH ADDITIONAL 2-INCH DEPTH OF CONCRETE REPLACEMENT (Will be in addition to Item C (b) or (c) Above)	25	SY	\$20.00	\$500.00
	D	FOR CUTTING AND REPLACING CONCRETE CURB AND GUTTER, AS SPECIFIED, COMPLETE IN PLACE	75	LF	\$50.00	\$3,750.00
BACKFILL						
6		FOR FURNISHING SELECT BACKFILL MATERIAL, AS SPECIFIED, COMPLETE IN PLACE	1,250	CY	\$30.00	\$37,500.00

BID ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL
RESTRICTED SPOIL				
7	FOR THE ADDITIONAL COST OF RESTRICTED SPOIL AREAS, PER LINEAR FOOT OF CONSTRUCTION AS SPECIFIED, COMPLETE			
	A 0'-6' DEPTH	220	LF \$8.00	\$1,760.00
	B 6'-12' DEPTH	200	LF \$12.00	\$2,400.00
	C 12'-18' DEPTH	150	LF \$16.00	\$2,400.00
	D 18' AND DEEPER	25	LF \$24.00	\$600.00
SEEDING AND SOD				
8	FOR SEEDING AND SODDING AREAS, AS SHOWN ON THE PLANS, OR AS DIRECTED BY THE ENGINEER, COMPLETE AS SPECIFIED			
	A FOR FERTILIZING, SEEDING AND MULCHING, AS SPECIFIED, COMPLETE IN PLACE	21,000	SY \$1.00	\$21,000.00
	B FOR REMOVAL/REPLACEMENT OF SOD OR SPECIAL GRASS, AS SPECIFIED, COMPLETE IN PLACE	50	SY \$10.00	\$500.00
CLEARING				
9	FOR CLEARING RIGHT-OF-WAY AND GRUBBING UNDERBRUSH, AS SPECIFIED			
	A CLEARING RIGHT-OF-WAY AND GRUBBING UNDERBRUSH OF ITEMS LESS THAN 6-INCHES IN DIAMETER	4,000	SY \$1.00	\$4,000.00
	B FOR CUTTING AND DISPOSING (OR STACKING) OF TREES, LARGER THAN 6-INCH DIAMETER, AS SPECIFIED			
	a 6" - 12" IN DIAMETER	45	EA \$100.00	\$4,500.00
	b 12" - 18" IN DIAMETER	20	EA \$200.00	\$4,000.00
	c 18" - 24" IN DIAMETER	5	EA \$600.00	\$3,000.00
	d 24" - 30" IN DIAMETER	2	EA \$800.00	\$1,600.00
	e 30" AND LARGER	2	EA \$1,000.00	\$2,000.00
	C CLEARING RIGHT-OF-WAY AND GRUBBING TRUNK SEWER EASEMENTS IN DENSELY FORESTED AREAS	1,000	SY \$1.00	\$1,000.00
EROSION CONTROL				
10	FOR CONSTRUCTING AND MAINTAINING VARIOUS EROSION CONTROL DEVICES, AS SPECIFIED			
	A SILT FENCE	1,000	LF \$2.00	\$2,000.00
	B STONE SILT CHECK DAM	30	EA \$20.00	\$600.00
	C TEMPORARY INLET PROTECTION	20	EA \$100.00	\$2,000.00
	D EROSION CONTROL BLANKET/JUTE NETTING	3,000	SY \$3.00	\$9,000.00
	E STRAW WATTLE	25	EA \$50.00	\$1,250.00
STONE REPLACEMENT				
11	FOR REPLACING C. A. B. C. STONE OR PIT GRAVEL DRIVES, SHOULDERS, AND ROAD, AS SPECIFIED, COMPLETE	650	SY \$8.00	\$5,200.00
UNDERGROUND LOCATES				
12	FOR LOCATING EXISTING UNDERGROUND UTILITIES, AS SPECIFIED			
	A LOCATING GAS MAINS	70	EA \$20.00	\$1,400.00
	B LOCATING PHONE (FIBER OPTICS) CABLES	10	EA \$20.00	\$200.00
	C LOCATING PHONE (NON-FIBER OPTICS) CABLES	75	EA \$20.00	\$1,500.00
	D LOCATING POWER CABLES	15	EA \$20.00	\$300.00
	E LOCATING CABLE TV CABLES	20	EA \$20.00	\$400.00
	F LOCATING STORM PIPES	10	EA \$20.00	\$200.00
	G LOCATING WATER MAINS	40	EA \$20.00	\$800.00
	H LOCATING SEWER MAINS	5	EA \$20.00	\$100.00
RELOCATING UNDERGROUND CABLE & GAS				

BID ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL
13	FOR RELOCATING UNDERGROUND CABLES/PLASTIC NATURAL GAS MAINS AS SPECIFIED, COMPLETE IN PLACE			
A	RELOCATING PHONE (FIBER OPTICS) CABLES	50	LF \$5.00	\$250.00
B	RELOCATING PHONE (NON-FIBER OPTICS) CABLES	50	LF \$5.00	\$250.00
C	RELOCATING POWER CABLES	50	LF \$5.00	\$250.00
D	RELOCATING CABLE TV CABLES	50	LF \$5.00	\$250.00
E	RELOCATING PLASTIC NATURAL GAS MAINS	225	LF \$5.00	\$1,125.00
STORM DRAIN REPLACEMENT				
14	FOR STORM DRAIN REPLACEMENT, AS SPECIFIED, COMPLETE IN PLACE			
A	FOR REMOVING AND REPLACING STORM DRAIN PIPE (REUSING THE EXISTING PIPE)	75	LF \$10.00	\$750.00
B	FOR SUBSTITUTING NEW CLASS III RCP			
a	18" DIAMETER AND SMALLER	30	LF \$15.00	\$450.00
b	21" DIAMETER AND LARGER	5	LF \$30.00	\$150.00
C	FOR SUBSTITUTING NEW CORRUGATED METAL PIPE			
a	18" DIAMETER AND SMALLER	10	LF \$15.00	\$150.00
b	21" DIAMETER AND LARGER	10	LF \$30.00	\$300.00
STORM WATER JUNCTION BOXES				
15	FOR CONSTRUCTING NEW STORM WATER JUNCTION BOXES, AS SPECIFIED, AS DIRECTED, COMPLETE IN PLACE	1	EA \$800.00	\$800.00
TRAFFIC CONTROL				
16	FOR MAINTAINING TRAFFIC AS SPECIFIED			
A	TRAFFIC CONTROL DEVICES (ALL SIGNS, CONES, BARRELS, ETC.) COMPLETE	1	LS \$30,000.00	\$30,000.00
B	FOR TWO (2) FULL TIME FLAGGERS WITH PADDLE SIGNS	30	DYS \$300.00	\$9,000.00
C	FOR CONCRETE BARRIERS (BORE PITS)	40	LF \$10.00	\$400.00
D	FOR TYPE B (30"X60") FLASHING ARROW PANEL	2	EA \$1,000.00	\$2,000.00
E	FOR TRUCK MOUNTED IMPACT ATTENUATOR	1	EA \$1,000.00	\$1,000.00
F	FOR OFF-DUTY POLICE OFFICER WITH MARKED PATROL VEHICLE	40	HR \$40.00	\$1,600.00
PAVEMENT MARKINGS				
17	FOR REPLACEMENT OF EXISTING PAVEMENT MARKING LINES AND SYMBOLS USING PAVEMENT MARKINGS AS SPECIFIED, COMPLETE IN PLACE			
A	4-INCH SOLID WHITE (OR YELLOW) LINE			
a	PAINTED	50	LF \$2.00	\$100.00
b	THERMOPLASTIC	50	LF \$8.00	\$400.00
B	4-INCH WHITE (OR YELLOW) SKIP LINE			
a	PAINTED	50	LF \$2.00	\$100.00
b	THERMOPLASTIC	50	LF \$8.00	\$400.00
C	4-INCH SOLID DOUBLE YELLOW LINE			
a	PAINTED	50	LF \$2.00	\$100.00
b	THERMOPLASTIC	50	LF \$8.00	\$400.00
D	8-INCH SOLID WHITE LINE			
a	PAINTED	50	LF \$2.00	\$100.00
b	THERMOPLASTIC	50	LF \$8.00	\$400.00
E	LEFT TURN / RIGHT TURN / STRAIGHT ARROW SYMBOL			
a	PAINTED	1	EA \$200.00	\$200.00
b	THERMOPLASTIC	1	EA \$600.00	\$600.00
BRICK STRUCTURES				
18	FOR REMOVING AND REPLACING BRICK STRUCTURES (EXCLUDING BRICK), AS SPECIFIED, COMPLETE IN PLACE	25	CF \$20.00	\$500.00
RIP RAP				

BID ITEM		DESCRIPTION	QUANTITY		UNIT PRICE	TOTAL
19		FOR STONE RIP-RAP (WITHOUT GROUT AND WITHOUT EROSION FABRIC) AS SPECIFIED, COMPLETE IN PLACE	100	SY	\$30.00	\$3,000.00
JACK & BORE						
20		FOR FURNISHING AND INSTALLING (DRY-BORE) WITH STEEL ENCASEMENT, AS SPECIFIED, COMPLETE IN PLACE				
	A	FOR FURNISHING \$3,000,000.00 COMMERCIAL OR PUBLIC LIABILITY INSURANCE, AS SPECIFIED IN THE SPECIAL PROVISIONS	1	EA	\$1.00	\$1.00
	B	FOR MOBILIZATION, EXCAVATION AND BACKFILL OF THE BORE PIT, AS SPECIFIED, COMPLETE IN PLACE				
	a	0' - 5' DEPTH	10	EA	\$500.00	\$5,000.00
	b	EACH ADDITIONAL FOOT OF DEPTH	5	VF	\$200.00	\$1,000.00
	C	12-3/4-INCH DIAMETER CASING (t=.250")	100	LF	\$170.00	\$17,000.00
	D	FOR SUBSTITUTING CASING (ADD ON TO "C" ABOVE)				
	a	16-INCH DIAMETER CASING (t=0.250")	5	LF	\$40.00	\$200.00
	b	16-INCH DIAMETER CASING (t=0.281")	5	LF	\$60.00	\$300.00
	c	18-INCH DIAMETER CASING (t=0.250")	5	LF	\$50.00	\$250.00
	d	18-INCH DIAMETER CASING (t=0.312")	5	LF	\$70.00	\$350.00
	e	20-INCH DIAMETER CASING (t=0.250")	5	LF	\$60.00	\$300.00
	f	20-INCH DIAMETER CASING (t=0.344")	5	LF	\$80.00	\$400.00
	g	24-INCH DIAMETER CASING (t=0.250")	5	LF	\$90.00	\$450.00
	h	24-INCH DIAMETER CASING (t=0.406")	5	LF	\$110.00	\$550.00
	i	30-INCH DIAMETER CASING (t=0.469")	5	LF	\$250.00	\$1,250.00
	j	36-INCH DIAMETER CASING (t=0.375")	5	LF	\$300.00	\$1,500.00
	k	36-INCH DIAMETER CASING (t=0.562")	5	LF	\$350.00	\$1,750.00
	E	FURNISH AND INSTALL ANTI-FLOTATION SPRIDERS, SPACERS, AND OR INSULATORS, COMPLETE IN PLACE AS DIRECTED BY THE ENGINEER	6	EA	\$150.00	\$900.00
	F	FOR GROUTING INCOMPLETE ENCASING PIPE, AS SPECIFIED, COMPLETE IN PLACE				
	a	16-INCH CASING PIPE AND SMALLER	5	LF	\$10.00	\$50.00
	b	18-INCH TO TO 24-INCH CASING PIPE	5	LF	\$10.00	\$50.00
	c	30-INCH TO TO 36-INCH CASING PIPE	5	LF	\$20.00	\$100.00
TUNNELLING						
21		FOR INSTALLING 48' TUNNEL (12 GAUGE), ANCHORING THE CARRIER PIPE, AND AND NECESSARY MORTAR END SEALING AS SPECIFIED, COMPLETE IN PLACE. THE UNIT PRICE BID SHALL NOT BE LESS THAN \$700.00/LF.				
	A	48-INCH TUNNEL	20	LF	\$800.00	\$16,000.00
	B	MOBILIZATION, EXCAVATION, SHORING AND BACKFILL OF THE TUNNEL PIT				
	a	0' - 5' DEPTH	2	EA	\$500.00	\$1,000.00
	b	EACH ADDITIONAL FOOT OF DEPTH	4	VF	\$200.00	\$800.00
NBR PIPE GASKETS						
22		FOR SUBSTITUTING NITRILE RUBBER (NBR) PIPE GASKETS FOR DUCTILE IRON PIPE, AS SPECIFIED, COMPLETE IN PLACE				
	A	4-INCH GASKETS	3	EA	\$12.00	\$36.00
	B	6-INCH GASKETS	4	EA	\$14.00	\$56.00
	C	8-INCH GASKETS	5	EA	\$20.00	\$100.00
	D	12-INCH GASKETS	5	EA	\$30.00	\$150.00
	E	16-INCH GASKETS	5	EA	\$60.00	\$300.00
	F	24-INCH GASKETS	1	EA	\$80.00	\$80.00
GEOTECHNICAL TESTING						
23		FOR MATERIAL/DENSITY TESTING, AS SPECIFIED				

BID ITEM		DESCRIPTION	QUANTITY		UNIT PRICE	TOTAL
	A	SOILS TECHNICIAN SERVICES (FIELD SERVICES) AS SPECIFIED	450	HR	\$5.00	\$2,250.00
	B	LABORATORY TESTING SERVICES, (STANDARD PROCTOR COMPACTION TEST) AS SPECIFIED	15	EA	\$450.00	\$6,750.00
RESTRICTED WORK HOURS						
24		FOR THE ADDITIONAL COST OF RESTRICTED WORK HOURS				
	A	FOR THE ADDITIONAL COST OF RESTRICTED WORK HOURS OF 9:00 AM TO 4:00 PM, PER LINEAR FOOT OF CONSTRUCTION, AS SPECIFIED	800	LF	\$7.00	\$5,600.00
	B	FOR THE ADDITIONAL COST OF RESTRICTED WORK HOURS OF 6:00 PM TO 6:00 AM AT NIGHT AND/OR WEEKENDS OF 6:00 PM FRIDAY TO 6:00 AM MONDAY, PER LINEAR FOOT OF CONSTRUCTION, AS SPECIFIED	100	LF	\$10.00	\$1,000.00
LIQUIDATED DAMAGES						
25		\$400/DAY	0	DYS	\$400.00	\$0.00
		SUBTOTAL COMMON ITEMS				\$565,008.00
CONTINGENCY ALLOWANCE						
26		CONTINGENCY (10% OF SUB-TOTAL)	1	EA		\$56,500.80
		TOTAL COMMON ITEMS				\$621,508.80
SECTION TWO - WATER						
24" DIP CLASS 250						
1		FOR FURNISHING AND INSTALLING 24-INCH DUCTILE IRON PIPE (PRESSURE CLASS 250), WITH PUSH ON JOINTS, AS SPECIFIED, COMPLETE IN PLACE				
	A	0-4 FEET OF COVER	1,000	LF	\$85.00	\$85,000.00
	B	4-6 FEET OF COVER	200	LF	\$89.00	\$17,800.00
	C	6-8 FEET OF COVER	50	LF	\$93.00	\$4,650.00
	D	8 FEET AND DEEPER	50	LF	\$97.00	\$4,850.00
16" DIP CLASS 250						
2		FOR FURNISHING AND INSTALLING 16-INCH DUCTILE IRON PIPE (PRESSURE CLASS 250), WITH PUSH ON JOINTS, AS SPECIFIED, COMPLETE IN PLACE				
	A	0-4 FEET OF COVER	1,000	LF	\$51.00	\$51,000.00
	B	4-6 FEET OF COVER	200	LF	\$55.00	\$11,000.00
	C	6-8 FEET OF COVER	50	LF	\$59.00	\$2,950.00
	D	8 FEET AND DEEPER	25	LF	\$63.00	\$1,575.00
12" PVC OR 12" DIP CLASS 350						
3		FOR FURNISHING AND INSTALLING 12-INCH POLYVINYL CHLORIDE PIPE (DR 14), WITH PUSH-ON JOINTS, AS SPECIFIED, COMPLETE IN PLACE.				
	A	0-4 FEET OF COVER	1,000	LF	\$41.00	\$41,000.00
	B	4-6 FEET OF COVER	150	LF	\$43.00	\$6,450.00
	C	6-8 FEET OF COVER	50	LF	\$45.00	\$2,250.00
	D	8 FEET AND DEEPER	25	LF	\$47.00	\$1,175.00
3a		FOR FURNISHING AND INSTALLING 12-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350), WITH PUSH-ON JOINTS, AS SPECIFIED, COMPLETE IN PLACE.				
	A	0-4 FEET OF COVER	1,000	LF	\$41.00	\$41,000.00
	B	4-6 FEET OF COVER	150	LF	\$43.00	\$6,450.00
	C	6-8 FEET OF COVER	50	LF	\$45.00	\$2,250.00
	D	8 FEET AND DEEPER	25	LF	\$47.00	\$1,175.00
8"PVC OR 8" DIP CLASS 350						
4		FOR FURNISHING AND INSTALLING 8-INCH POLYVINYL CHLORIDE PIPE (DR 14), WITH PUSH-ON JOINTS AS SPECIFIED, COMPLETE IN PLACE				
	A	0-4 FEET OF COVER	2,000	LF	\$26.00	\$52,000.00
	B	4-6 FEET OF COVER	150	LF	\$28.00	\$4,200.00

BID ITEM		DESCRIPTION	QUANTITY		UNIT PRICE	TOTAL
	C	6-8 FEET OF COVER	50	LF	\$30.00	\$1,500.00
	D	8 FEET AND DEEPER	25	LF	\$32.00	\$800.00
4a		FOR FURNISHING AND INSTALLING 8-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350), WITH PUSH-ON JOINTS AS SPECIFIED, COMPLETE IN PLACE				
	A	0-4 FEET OF COVER	2,000	LF	\$29.00	\$58,000.00
	B	4-6 FEET OF COVER	150	LF	\$31.00	\$4,650.00
	C	6-8 FEET OF COVER	50	LF	\$33.00	\$1,650.00
	D	8 FEET AND DEEPER	25	LF	\$35.00	\$875.00
6" PVC OR DIP CLASS 350						
5		FOR FURNISHING AND INSTALLING 6-INCH POLYVINYL CHLORIDE PIPE (DR 14), WITH PUSH-ON JOINTS, AS SPECIFIED, COMPLETE IN PLACE				
	A	0-4 FEET OF COVER	2,000	LF	\$23.00	\$46,000.00
	B	4-6 FEET OF COVER	150	LF	\$25.00	\$3,750.00
	C	6-8 FEET OF COVER	50	LF	\$27.00	\$1,350.00
	D	8 FEET AND DEEPER	25	LF	\$29.00	\$725.00
5a		FOR FURNISHING AND INSTALLING 6-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350) WITH PUSH-ON JOINTS, AS SPECIFIED, COMPLETE IN PLACE				
	A	0-4 FEET OF COVER	2,000	LF	\$27.00	\$54,000.00
	B	4-6 FEET OF COVER	150	LF	\$29.00	\$4,350.00
	C	6-8 FEET OF COVER	50	LF	\$31.00	\$1,550.00
	D	8 FEET AND DEEPER	25	LF	\$33.00	\$825.00
2" PVC						
6		FOR FURNISHING AND INSTALLING 2-INCH POLYVINYL CHLORIDE PIPE (DR 14 OR LESS) WITH PUSH-ON JOINTS AS SPECIFIED, COMPLETE IN PLACE				
	A	0-4 FEET OF COVER	3,000	LF	\$16.00	\$48,000.00
	B	4-6 FEET OF COVER	150	LF	\$18.00	\$2,700.00
	C	6-8 FEET OF COVER	50	LF	\$20.00	\$1,000.00
	D	8 FEET AND DEEPER	25	LF	\$22.00	\$550.00
SUBSTITUTING RESTRAINED JOINT DIP & PVC						
7		FOR SUBSTITUTING RESTRAINED JOINT DUCTILE IRON PIPE AND POLYVINYL CHLORIDE PIPE, AS SPECIFIED, COMPLETE IN PLACE				
	A	24-INCH DUCTILE IRON PIPE (PRESSURE CLASS 250)	175	LF	\$40.00	\$7,000.00
	B	16-INCH DUCTILE IRON PIPE (PRESSURE CLASS 250)	175	LF	\$20.00	\$3,500.00
	C	12-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350)	450	LF	\$8.00	\$3,600.00
	D	8-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350)	100	LF	\$6.00	\$600.00
	E	6-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350)	100	LF	\$5.00	\$500.00
	F	12-INCH POLYVINYL CHLORIDE PIPE (DR 14)	450	LF	\$12.00	\$5,400.00
	G	8-INCH POLYVINYL CHLORIDE PIPE (DR 14)	100	LF	\$8.00	\$800.00
	H	6-INCH POLYVINYL CHLORIDE PIPE (DR 14)	100	LF	\$6.00	\$600.00
SUBSTITUTE 2" RED BRASS OR 3" DIP						
8		SUBSTITUTING 2-INCH RED BRASS PIPE, (REGULAR STRENGTH SCHEDULE 40 - ASTM B 43) OR 3-INCH DUCTILE IRON PIPE, COMPLETE WITH ADAPTOR COUPLINGS, AS DIRECTED, COMPLETE IN PLACE	20	LF	\$40.00	\$800.00
STONE BEDDING (when not otherwise specified with the Pipe)						
9		FOR FURNISHING AND INSTALLING STONE BEDDING AS SPECIFIED, COMPLETE IN PLACE				
	A	FOR 24-INCH PIPE	50	LF	\$4.00	\$200.00
	B	FOR 16-INCH PIPE	50	LF	\$3.00	\$150.00
	C	FOR 12-INCH PIPE	25	LF	\$2.00	\$50.00
	D	FOR 6-INCH PIPE AND/OR 8-INCH PIPE	25	LF	\$1.00	\$25.00

BID ITEM		DESCRIPTION	QUANTITY		UNIT PRICE	TOTAL
	E	FOR 2-INCH PIPE	25	LF	\$1.00	\$25.00
BUTTERFLY VALVES						
10		FOR FURNISHING AND INSTALLING DIRECT BURY BUTTERFLY VALVES, COMPLETE WITH VALVE BOXES, AS SPECIFIED, COMPLETE IN PLACE				
	A	24" BUTTERFLY VALVES	1	EA	\$6,600.00	\$6,600.00
	B	16" BUTTERFLY VALVES	1	EA	\$4,600.00	\$4,600.00
GATE VALVES						
11		FOR FURNISHING AND INSTALLING MAIN LINE GATE VALVES, AS SPECIFIED, COMPLETE IN PLACE				
	A	12" GATE VALVES	3	EA	\$1,700.00	\$5,100.00
	B	8" GATE VALVES	10	EA	\$1,050.00	\$10,500.00
	C	6" GATE VALVES	10	EA	\$750.00	\$7,500.00
	D	2" GATE VALVES	10	EA	\$500.00	\$5,000.00
TAPPING SLEEVE & VALVES						
12		FOR FURNISHING AND INSTALLING TAPPING SLEEVE AND VALVE ASSEMBLIES, AS SPECIFIED, COMPLETE IN PLACE				
	A	24" X 12"	1	EA	\$4,200.00	\$4,200.00
	B	24" X 8"	1	EA	\$2,800.00	\$2,800.00
	C	24" X 6"	1	EA	\$2,400.00	\$2,400.00
	D	16" X 12"	1	EA	\$4,100.00	\$4,100.00
	E	16" X 8"	1	EA	\$2,700.00	\$2,700.00
	F	16" X 6"	1	EA	\$2,300.00	\$2,300.00
	G	12" X 12"	1	EA	\$5,300.00	\$5,300.00
	H	12" X 8"	1	EA	\$2,600.00	\$2,600.00
	I	12" X 6"	2	EA	\$2,200.00	\$4,400.00
	J	8" X 8"	4	EA	\$2,900.00	\$11,600.00
	K	8" X 6"	5	EA	\$2,100.00	\$10,500.00
	L	6" X 6"	10	EA	\$2,400.00	\$24,000.00
VALVE EXTENSION STEMS						
13		FOR FURNISHING AND INSTALLING EXTENSION STEMS ON PROPOSED VALVES, AS SPECIFIED, COMPLETE IN PLACE				
	A	BASE STEM TO 5' IN LENGTH	1	EA	\$150.00	\$150.00
	B	EXTRA LENGTH PER FOOT	2	VF	\$20.00	\$40.00
TAPPING SADDLES & CORPORATIONS						
14		FOR FURNISHING AND INSTALLING TAPPING SADDLES AND CORPORATIONS, AS SPECIFIED, COMPLETE IN PLACE				
	A	24" X 2"	1	EA	\$1,100.00	\$1,100.00
	B	16" X 2"	1	EA	\$900.00	\$900.00
	C	12" X 2"	4	EA	\$850.00	\$3,400.00
	D	8" X 2"	10	EA	\$700.00	\$7,000.00
	E	6" X 2"	10	EA	\$650.00	\$6,500.00
FIRE HYDRANTS						
15		FOR FURNISHING AND INSTALLING FIRE HYDRANTS, AS SPECIFIED, COMPLETE IN PLACE				
	A	WITH TEES ON 24-INCH PIPE	1	EA	\$4,500.00	\$4,500.00
	B	WITH TEES ON 16-INCH PIPE	1	EA	\$3,800.00	\$3,800.00
	C	WITH TEES ON 12-INCH PIPE	3	EA	\$3,400.00	\$10,200.00
	D	WITH TEES ON 8-INCH PIPE	5	EA	\$3,250.00	\$16,250.00
	E	WITH TEES ON 6-INCH PIPE	5	EA	\$3,200.00	\$16,000.00
	F	6-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350) (RESTRAINED JOINT)	50	LF	\$20.00	\$1,000.00

BID ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL	
G	6-INCH 90° RESTRAINED JOINT BEND	2	EA	\$150.00	\$300.00
FIRE HYDRANT EXTENSIONS					
16	FOR FURNISHING AND INSTALLING FIRE HYDRANT EXTENSIONS, AS SPECIFIED, COMPLETE IN PLACE	5	VF	\$500.00	\$2,500.00
DIP COMPACT FITTINGS					
17	FOR FURNISHING AND INSTALLING DUCTILE IRON COMPACT FITTINGS AS SPECIFIED, COMPLETE IN PLACE	1,500	LBS	\$4.00	\$6,000.00
THRUST BLOCKS					
18	FOR FURNISHING, FORMING, AND PLACING CONCRETE BLOCKING AS SPECIFIED AND/OR AS SHOWN ON THE PLANS				
A	REINFORCED CONCRETE BLOCKING	50	CF	\$24.00	\$1,200.00
B	PLAIN CONCRETE BLOCKING	125	CF	\$12.00	\$1,500.00
DRY BORE					
19	FOR DRY-BORE, WITHOUT STEEL ENCASEMENT PIPE, OPENINGS NOT GREATER THAN 4-INCHES LARGER THAN O.D. OF PIPE BELLS, FOR THE INSERTION OF 6, 8 OR 12-INCH WATER MAINS, AS SPECIFIED.				
A	FOR THE FIRST 10 LF (PER BORE SITE)	20	EA	\$400.00	\$8,000.00
B	FOR ADDITIONAL LENGTH (EXCLUDING FIRST 10 LF PER BORE SITE)	150	LF	\$40.00	\$6,000.00
PUNCHING OR DRILLING WITHOUT CASING PIPE					
20	FOR PUNCHING OR DRILLING, WITHOUT ENCASEMENT PIPE, OPENINGS 4-INCHES IN DIAMETER, FOR THE INSERTION OF 2-INCH WATER PIPE, AS SPECIFIED.	125	LF	\$30.00	\$3,750.00
AIR RELEASE VALVES					
21	FOR FURNISHING AND INSTALLING AIR RELEASE VALVES AS SPECIFIED AND AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE				
A	ON 24-INCH PIPE - 2" AIR RELEASE	2	EA	\$2,100.00	\$4,200.00
B	ON 16-INCH PIPE - 2" AIR RELEASE	2	EA	\$2,000.00	\$4,000.00
C	ON 12-INCH PIPE - 1" AIR RELEASE	1	EA	\$1,100.00	\$1,100.00
D	ON 8-INCH PIPE - 1" AIR RELEASE	1	EA	\$1,050.00	\$1,050.00
E	ON 6-INCH PIPE - 1" AIR RELEASE	1	EA	\$1,000.00	\$1,000.00
PERMANENT 2-INCH BLOW-OFF STANDARD DETAIL NN					
22	FOR FURNISHING AND INSTALLING PERMANENT 2" BLOW-OFFS (STANDARD DETAIL NN), AS SPECIFIED, COMPLETE IN PLACE				
A	ON 24-INCH PIPE	1	EA	\$2,600.00	\$2,600.00
B	ON 16-INCH PIPE	1	EA	\$1,800.00	\$1,800.00
C	ON 12-INCH PIPE	1	EA	\$1,250.00	\$1,250.00
D	ON 8-INCH PIPE	1	EA	\$1,200.00	\$1,200.00
E	ON 6-INCH PIPE	2	EA	\$1,150.00	\$2,300.00
F	ON 2-INCH PIPE	5	EA	\$1,100.00	\$5,500.00
PERMANENT 2-INCH BLOW-OFF STANDARD DETAIL DD					
23	FOR FURNISHING AND INSTALLING PERMANENT 2" BLOW-OFFS (STANDARD DETAIL DD), AS SPECIFIED, COMPLETE IN PLACE				
A	ON 24-INCH PIPE (INCLUDING THRUST RING PER STANDARD DETAIL #10)	1	EA	\$3,200.00	\$3,200.00
B	ON 16-INCH PIPE (INCLUDING THRUST RING PER STANDARD DETAIL #10)	1	EA	\$2,000.00	\$2,000.00
C	ON 12-INCH PIPE	1	EA	\$700.00	\$700.00
D	ON 8-INCH PIPE	2	EA	\$600.00	\$1,200.00
E	ON 6-INCH PIPE	5	EA	\$500.00	\$2,500.00
TEMPORARY 2" BLOW-OFFS					
24	FOR FURNISHING, USING, AND REMOVING TEMPORARY GALVANIZED STEEL PIPE, DUCTILE IRON OR RED BRASS 2-INCH BLOW-OFFS REQUIRED FOR TESTING	5	EA	\$400.00	\$2,000.00

BID ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL	
WATER SERVICES					
25	FOR FURNISHING AND INSTALLING WATER SERVICES, AS SPECIFIED, COMPLETE IN PLACE				
A	FOR COPPER TUBING (TYPE K) - OPEN CUT METHOD				
a	3/4-INCH TUBING	275	LF	\$16.00	\$4,400.00
b	1-INCH TUBING	5	LF	\$18.00	\$90.00
B	FOR COPPER TUBING (TYPE K) - BY PUNCH METHOD				
a	3/4-INCH TUBING	275	LF	\$23.00	\$6,325.00
b	1-INCH TUBING	5	LF	\$24.00	\$120.00
C	FOR WATER SERVICES INSTALLED AS PART OF MAIN LINE PIPE INSTALLATION				
a	3/4-INCH WATER SERVICES	100	EA	\$500.00	\$50,000.00
b	1-INCH WATER SERVICES	1	EA	\$700.00	\$700.00
D	FOR WATER SERVICES INSTALLED ON EXISTING MAINS (EXISTING BY OTHERS OR EXISTING BY THE CONTRACTOR)				
a	3/4-INCH WATER SERVICES	25	EA	\$700.00	\$17,500.00
b	1-INCH WATER SERVICES	1	EA	\$900.00	\$900.00
CONNECTION TO PRIVATE WATER					
26	FOR CONNECTION TO EXISTING PRIVATE SERVICE PIPE (INSTALLED BY PLUMBER), AS SPECIFIED. THIS ITEM SHALL BE USED IN CONJUNCTION WITH THE NEW WATER SERVICES ITEM ABOVE.				
A	3/4-INCH	1	EA	\$75.00	\$75.00
B	1-INCH	1	EA	\$100.00	\$100.00
TRANSFER OF WATER SERVICES					
27	ADDITIONAL COST FOR TRANSFERRING EXISTING WATER SERVICES TO PROPOSED WATER MAIN TO CONFORM TO CMUD STANDARDS, AS SPECIFIED, COMPLETE IN PLACE				
A	SERVICES	50	EA	\$500.00	\$25,000.00
28	INTENTIONALLY LEFT BLANK				
IRRIGATION					
29	FOR FURNISHING AND INSTALLING IRRIGATION SERVICES, AS SPECIFIED, COMPLETE IN PLACE				
A	SPLIT CONNECTION - DUAL CHECK VALVE AT METER	1	EA	\$650.00	\$650.00
B	SPLIT CONNECTION - BACKFLOW PREVENTER AT PROPERTY LINE	1	EA	\$700.00	\$700.00
C	DEDICATED SERVICE - DUAL CHECK VALVE AT METER	1	EA	\$750.00	\$750.00
D	DEDICATED SERVICE - BACKFLOW PREVENTER AT PROPERTY LINE	1	EA	\$800.00	\$800.00
CONNECT TO EXISTING WATER MAIN WITHOUT RP JUMPER					
30	FOR CONNECTIONS TO EXISTING WATER MAINS AT NON-RP JUMPER LOCATIONS (INCLUDING LONG PATTERN SOLID SLEEVE), AS SPECIFIED, COMPLETE IN PLACE.				
A	24-INCH DIAMETER	1	EA	\$2,300.00	\$2,300.00
B	16-INCH DIAMETER	1	EA	\$1,600.00	\$1,600.00
C	12-INCH DIAMETER	1	EA	\$1,000.00	\$1,000.00
D	8-INCH DIAMETER	2	EA	\$950.00	\$1,900.00
E	6-INCH DIAMETER	2	EA	\$800.00	\$1,600.00
F	2-INCH DIAMETER	1	EA	\$600.00	\$600.00
CONNECT TO EXISTING WATER MAIN AT RP JUMPER					
31	FOR CONNECTIONS TO EXISTING WATER MAINS AT RP JUMPER LOCATIONS, AS SPECIFIED, COMPLETE IN PLACE				
A	FOR FURNISHING, USING, AND REMOVING A 2-INCH DIAMETER REDUCED PRESSURE (RP) PRINCIPLE BACKFLOW PREVENTER JUMPER PER STANDARD DETAILS G	7	EA	\$2,000.00	\$14,000.00

BID ITEM		DESCRIPTION	QUANTITY		UNIT PRICE	TOTAL
	B	FOR REMOVING/REPLACING THE RP JUMPER DAILY DUE TO LOCATION AND/OR RESTRICTIONS IMPOSED BY NCDOT OR THE ENGINEER (ADD ON TO A. ABOVE) (PAYMENT IS LIMITED TO ONCE PER PROJECT)	1	EA	\$400.00	\$400.00
	C	FOR COMPLETING A CONNECTION TO AN EXISTING MAIN (INCLUDING LONG PATTERN SOLID SLEEVE)				
	a	24-INCH DIAMETER	1	EA	\$2,300.00	\$2,300.00
	b	16-INCH DIAMETER	1	EA	\$1,600.00	\$1,600.00
	c	12-INCH DIAMETER	1	EA	\$1,000.00	\$1,000.00
	d	8-INCH DIAMETER	2	EA	\$950.00	\$1,900.00
	e	6-INCH DIAMETER	3	EA	\$800.00	\$2,400.00
	f	2-INCH DIAMETER	2	EA	\$650.00	\$1,300.00
	D	FOR HYDROSTATIC TESTING A 16-INCH OR 24-INCH STUB OUT	1	EA	\$400.00	\$400.00
LINE STOPS						
32		FOR FURNISHING AND INSTALLING LINE STOPS ON EXISTING WATER MAINS AS SPECIFIED COMPLETE				
	A	12-INCH DIAMETER	1	EA	\$8,000.00	\$8,000.00
	B	8-INCH DIAMETER	1	EA	\$5,500.00	\$5,500.00
	C	6-INCH DIAMETER	1	EA	\$4,500.00	\$4,500.00
LOCKOUT / TAGOUT DEVICE						
33		FOR FURNISHING AND INSTALLING A LOCKOUT/TAGOUT DEVICE AT THE MAINLINE ISOLATION VALVE, AS SPECIFIED	1	EA	\$100.00	\$100.00
ABANDONMENT OF EXISITING WATER MAIN						
34		FOR ABANDONMENT OF EXISTING WATER MAINS, AS SPECIFIED ON PLANS AND AS DIRECTED BY THE ENGINEER				
	A	CUT AND PLUG (WATERTIGHT) EXISTING WATER MAINS				
	a	24-INCH MAIN	1	EA	\$1,600.00	\$1,600.00
	b	16-INCH MAIN	1	EA	\$1,200.00	\$1,200.00
	c	12-INCH MAIN	1	EA	\$800.00	\$800.00
	d	8-INCH MAIN	1	EA	\$700.00	\$700.00
	e	6-INCH MAIN	1	EA	\$650.00	\$650.00
	f	2-INCH MAIN	3	EA	\$500.00	\$1,500.00
	B	REMOVING EXISTING VALVE BOXES AND ABANDONING EXISTING VALVE	4	EA	\$200.00	\$800.00
OFFSITE WATER DISPOSAL						
35		FOR OFF-SITE DISPOSAL OF WATER AT THE TIME OF DISINFECTION AS SPECIFIED AND AS DIRECTED BY THE ENGINEER				
	A	FOR 24-INCH PIPE	500	LF	\$1.00	\$500.00
	B	FOR 16-INCH PIPE	500	LF	\$1.00	\$500.00
	C	FOR 12-INCH PIPE	2,300	LF	\$0.50	\$1,150.00
	D	FOR 8-INCH PIPE	2,300	LF	\$0.50	\$1,150.00
	E	FOR 6-INCH PIPE	1,600	LF	\$0.50	\$800.00
	F	FOR 2-INCH PIPE	1,000	LF	\$0.50	\$500.00
ONSITE WATER DISPOSAL						
36		FOR ON-SITE DISPOSAL OF WATER AT THE TIME OF DISINFECTION, AS SPECIFIED, AND AS DIRECTED BY THE ENGINEER	4	EA	\$200.00	\$800.00
ADJUST VALVE BOXES						
37		FOR ADJUSTING EXISTING VALVE BOXES, AS SPECIFIED, COMPLETE IN PLACE	5	EA	\$200.00	\$1,000.00
REPLACE SANITARY SEWER MAINS						
38		FOR REPLACING SANITARY SEWER MAINS, AS SPECIFIED AND DIRECTED BY THE ENGINEER				

BID ITEM		DESCRIPTION	QUANTITY		UNIT PRICE	TOTAL
	A	FOR REMOVING EXISTING 8-INCH SEWER MAINS, REPLACING SAME WITH DUCTILE IRON PIPE (PRESSURE CLASS 350) COMPLETE IN PLACE	10	LF	\$50.00	\$500.00
	B	FOR REMOVING EXISTING 6-INCH SEWER LATERAL, REPLACING SAME WITH DUCTILE IRON PIPE (PRESSURE CLASS 350) COMPLETE IN PLACE	15	LF	\$40.00	\$600.00
	C	FOR REMOVING EXISTING 4-INCH SEWER LATERAL, REPLACING SAME WITH DUCTILE IRON PIPE (PRESSURE CLASS 350) COMPLETE IN PLACE	15	LF	\$40.00	\$600.00
		TOTAL BID WATER ITEMS				\$1,022,050.00
SECTION THREE - SANITARY SEWER						
8" PVC SANITARY SEWER						
1		FOR FURNISHING AND INSTALLING 8-INCH SANITARY SEWER PIPE, AS SPECIFIED, COMPLETE IN PLACE IN NEW OR OLD TRENCH				
	A	0'-6' DEPTH	750	LF	\$29.00	\$21,750.00
	B	6'-8' DEPTH	2500	LF	\$33.00	\$82,500.00
	C	8'-10' DEPTH	2500	LF	\$37.00	\$92,500.00
	D	10'-12' DEPTH	800	LF	\$42.00	\$33,600.00
	E	12'-14' DEPTH	500	LF	\$47.00	\$23,500.00
	F	14'-16' DEPTH	250	LF	\$56.00	\$14,000.00
	G	16'-18' DEPTH	50	LF	\$80.00	\$4,000.00
	H	18'-20' DEPTH	20	LF	\$110.00	\$2,200.00
	I	20' AND DEEPER	10	LF	\$150.00	\$1,500.00
	J	FOR SUBSTITUTING 8-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350) AS SPECIFIED, COMPLETE IN PLACE	1000	LF	\$10.00	\$10,000.00
	K	FOR REMOVING AND DISPOSING OF OLD PIPE IF NEW SEWER IS INSTALLED IN OLD OR EXISTING TRENCH	500	LF	\$4.00	\$2,000.00
	L	INCIDENTAL ITEMS FOR FLOW CONTROL, BYPASS PUMPING (SMALLER THAN 6" PUMP), ANY OTHER ITEMS NOT COVERED IN THE PIPE COST FOR PIPE INSTALLED IN OLD OR EXISTING TRENCH.	500	LF	\$4.00	\$2,000.00
10" PVC SANITARY SEWER						
2		FOR FURNISHING AND INSTALLING 10-INCH SANITARY SEWER PIPE, AS SPECIFIED, COMPLETE IN PLACE IN NEW OR OLD TRENCH				
	A	0'-6' DEPTH	200	LF	\$31.00	\$6,200.00
	B	6'-8' DEPTH	500	LF	\$35.00	\$17,500.00
	C	8'-10' DEPTH	100	LF	\$39.00	\$3,900.00
	D	10'-12' DEPTH	50	LF	\$44.00	\$2,200.00
	E	12'-14' DEPTH	10	LF	\$49.00	\$490.00
	F	14'-16' DEPTH	10	LF	\$59.00	\$590.00
	G	16'-18' DEPTH	10	LF	\$80.00	\$800.00
	H	18'-20' DEPTH	10	LF	\$120.00	\$1,200.00
	I	20' AND DEEPER	10	LF	\$155.00	\$1,550.00
	J	FOR SUBSTITUTING 10-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350) AS SPECIFIED, COMPLETE IN PLACE	100	LF	\$12.00	\$1,200.00
	K	FOR REMOVING AND DISPOSING OF OLD PIPE IF NEW SEWER IS INSTALLED IN OLD OR EXISTING TRENCH	50	LF	\$5.00	\$250.00
	L	INCIDENTAL ITEMS FOR FLOW CONTROL, BYPASS PUMPING (SMALLER THAN 6" PUMP), ANY OTHER ITEMS NOT COVERED IN THE PIPE COST FOR PIPE INSTALLED IN OLD OR EXISTING TRENCH.	50	LF	\$5.00	\$250.00
12" PVC SANITARY SEWER						

BID ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL
3	FOR FURNISHING AND INSTALLING 12-INCH SANITARY SEWER PIPE, AS SPECIFIED, COMPLETE IN PLACE IN NEW OR OLD TRENCH			
A	0'-6' DEPTH	200	LF \$35.00	\$7,000.00
B	6'-8' DEPTH	500	LF \$39.00	\$19,500.00
C	8'-10' DEPTH	100	LF \$43.00	\$4,300.00
D	10'-12' DEPTH	50	LF \$48.00	\$2,400.00
E	12'-14' DEPTH	10	LF \$53.00	\$530.00
F	14'-16' DEPTH	10	LF \$63.00	\$630.00
G	16'-18' DEPTH	10	LF \$85.00	\$850.00
H	18'-20' DEPTH	10	LF \$125.00	\$1,250.00
I	20' AND DEEPER	10	LF \$160.00	\$1,600.00
J	FOR SUBSTITUTING 12-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350) AS SPECIFIED, COMPLETE IN PLACE	100	LF \$14.00	\$1,400.00
K	FOR REMOVING AND DISPOSING OF OLD PIPE IF NEW SEWER IS INSTALLED IN OLD OR EXISTING TRENCH	50	LF \$6.00	\$300.00
L	INCIDENTAL ITEMS FOR FLOW CONTROL, BYPASS PUMPING (SMALLER THAN 6" PUMP), ANY OTHER ITEMS NOT COVERED IN THE PIPE COST FOR PIPE INSTALLED IN OLD OR EXISTING TRENCH.	50	LF \$6.00	\$300.00
15" PVC SANITARY SEWER				
4	FOR FURNISHING AND INSTALLING 15-INCH SANITARY SEWER PIPE, AS SPECIFIED, COMPLETE IN PLACE IN NEW OR OLD TRENCH			
A	0'-6' DEPTH	200	LF \$42.00	\$8,400.00
B	6'-8' DEPTH	500	LF \$46.00	\$23,000.00
C	8'-10' DEPTH	100	LF \$50.00	\$5,000.00
D	10'-12' DEPTH	50	LF \$55.00	\$2,750.00
E	12'-14' DEPTH	10	LF \$60.00	\$600.00
F	14'-16' DEPTH	10	LF \$70.00	\$700.00
G	16'-18' DEPTH	10	LF \$90.00	\$900.00
H	18'-20' DEPTH	10	LF \$130.00	\$1,300.00
I	20' AND DEEPER	10	LF \$165.00	\$1,650.00
J	FOR SUBSTITUTING 16-INCH DUCTILE IRON PIPE (PRESSURE CLASS 250) AS SPECIFIED, COMPLETE IN PLACE	100	LF \$18.00	\$1,800.00
K	FOR REMOVING AND DISPOSING OF OLD PIPE IF NEW SEWER IS INSTALLED IN OLD OR EXISTING TRENCH	50	LF \$7.00	\$350.00
L	INCIDENTAL ITEMS FOR FLOW CONTROL, BYPASS PUMPING (SMALLER THAN 6" PUMP), ANY OTHER ITEMS NOT COVERED IN THE PIPE COST FOR PIPE INSTALLED IN OLD OR EXISTING TRENCH.	50	LF \$7.00	\$350.00
SEWER CONNECTIONS				
5	FOR CONNECTION TO AN EXISTING MANHOLE			
A	FOR CONNECTION TO AN EXISTING MANHOLE, AS SPECIFIED, COMPLETE IN PLACE	6	EA \$3,200.00	\$19,200.00
B	FOR CONNECTION TO AN EXISTING STUB-OUT, AS SPECIFIED, COMPLETE IN PLACE	1	EA \$200.00	\$200.00
C	FOR CONNECTION TO AN EXISTING SANITARY SEWER MAIN WITH STRADDLE TYPE MANHOLE, AS SPECIFIED, COMPLETE IN PLACE (MANHOLE TO BE PAID FOR BY MANHOLE PAY ITEMS)	1	EA \$3,200.00	\$3,200.00
LATERALS				
6	FOR SEWER LATERAL CONNECTIONS TO THE MAIN, AS SPECIFIED, COMPLETE IN PLACE			
A	INTO MANHOLES (REGARDLESS OF SIZE)			
a	AT THE INVERT	2	EA \$100.00	\$200.00

BID ITEM		DESCRIPTION	QUANTITY		UNIT PRICE	TOTAL
	b	ELEVATED, INCLUDING BASIC 0'-3' DEPTH INSIDE DROP INCLUDING BEND AND TEE (4" AND 6" DIAMETER ONLY)	1	EA	\$300.00	\$300.00
	c	FOR EXTRA DEPTH OF 4" OR 6" INSIDE DROP	5	VF	\$20.00	\$100.00
	B	INTO TEES (PVC OR VCP) (4" AND 6" ONLY)	10	EA	\$50.00	\$500.00
	C	INTO TEES (DIP) (4" AND 6" ONLY)	4	EA	\$300.00	\$1,200.00
	D	FOR 4" OR 6" CLEAN OUTS, COMPLETE WITH STAND PIPE AND REMOVAL AIRTIGHT PLUG	15	EA	\$500.00	\$7,500.00
	E	FOR 4" X 4" TIMBER LOCATOR POSTS	15	EA	\$10.00	\$150.00
	F	FOR INSTALLATION ON EXISTING MAINS (EXISTING BY OTHERS OR THE CONTRACTOR), (ADD ON TO A(a), A(b), B, OR C ABOVE)	5	EA	\$400.00	\$2,000.00
7		FOR SEWER LATERALS, AS SPECIFIED, COMPLETE IN PLACE				
	A	FOR 4-INCH (SCHEDULE 40 PVC) PIPE - OPEN CUT				
	a	0'-6' DEPTH	100	LF	\$16.00	\$1,600.00
	b	6'-10' DEPTH	150	LF	\$20.00	\$3,000.00
	c	10'-14' DEPTH	25	LF	\$30.00	\$750.00
	d	14'-18' DEPTH	10	LF	\$44.00	\$440.00
	e	18' AND DEEPER	5	LF	\$70.00	\$350.00
	B	FOR SUBSTITUTING 6-INCH SCHEDULE 40 PVC PIPE. (ADD TO "A" ABOVE)	10	LF	\$4.00	\$40.00
	C	FOR SUBSTITUTING 4-INCH PRESSURE CLASS 350 PIPE. (ADD TO "A" ABOVE)	25	LF	\$20.00	\$500.00
	D	FOR SUBSTITUTING 6-INCH PRESSURE CLASS 350 PIPE. (ADD TO "A" ABOVE)	5	LF	\$10.00	\$50.00
	E	INSTALLATION OF LATERAL PIPE BY THE DRY BORE METHOD WITHOUT ENCASEMENT				
	a	FOR 4-INCH PRESSURE CLASS 350 PIPE.	50	LF	\$60.00	\$3,000.00
	b	FOR 6-INCH PRESSURE CLASS 350 PIPE.	10	LF	\$60.00	\$600.00
	F	FOR MOBILIZATION, EXCAVATION, SHORING AND BACKFILL OF THE DRY BORE PIT				
	a	0'-5' DEPTH	2	EA	\$400.00	\$800.00
	b	EACH ADDITIONAL FOOT OF DEPTH	5	VF	\$40.00	\$200.00
MANHOLES						
8		FOR BASIC 4-FOOT DIAMETER MANHOLES, 0'-6' DEPTH, AS SPECIFIED, BACKFILLED COMPLETE IN PLACE				
	A	WITH GROUTED ON FRAME AND COVER	20	EA	\$2,500.00	\$50,000.00
	B	BOLTED FRAME TO MANHOLE (TO BE ADDED TO "A" ABOVE)	2	EA	\$50.00	\$100.00
	C	FOR EXTRA DEPTH ON 4-FOOT DIAMETER MANHOLES AS SPECIFIED, BACKFILLED, COMPLETE IN PLACE	50	VF	\$200.00	\$10,000.00
9		FOR OUTSIDE DROPS AT MANHOLES, AS SPECIFIED, COMPLETE IN PLACE				
	A	FOR BASIC 0'-3' DEPTH INCLUDING BEND AND TEE	1	EA	\$1,200.00	\$1,200.00
	B	FOR EXTRA DEPTH (EXCLUDING THE FIRST 3 VERTICAL FEET)	3	VF	\$50.00	\$150.00
	C	FOR CONNECTION TO AN EXISTING MANHOLE, (ADD TO "A" AND "B" ABOVE)	1	EA	\$500.00	\$500.00
10		FOR INSIDE DROPS AT MANHOLES, AS SPECIFIED, COMPLETE IN PLACE				
	A	FOR BASIC 0'-3' DEPTH INCLUDING BEND AND TEE	1	EA	\$400.00	\$400.00
	B	FOR EXTRA DEPTH (EXCLUDING THE FIRST 3 VERTICAL FEET)	3	VF	\$20.00	\$60.00
	C	FOR CONNECTION TO AN EXISTING MANHOLE, (ADD TO "A" AND "B" ABOVE)	1	EA	\$400.00	\$400.00
11		FOR REMOVING AND REPLACING MANHOLE STEPS IN AN EXISTING MANHOLE, AS SPECIFIED, COMPLETE IN PLACE	3	EA	\$50.00	\$150.00
12		FOR MOBILIZATION, EXCAVATION, BACKFILL FOR RAISING BURIED MANHOLES AS SPECIFIED, COMPLETE IN PLACE				
	A	4-FOOT DIAMETER MANHOLES				
	a	RAISE 0-2'	10	EA	\$300.00	\$3,000.00
	b	RAISE 2'-6'	10	EA	\$600.00	\$6,000.00
	c	RAISE 6'-10'	10	EA	\$1,000.00	\$10,000.00
	B	REPLACE EXISTING FRAME AND COVER AS ORIGINALLY INSTALLED	10	EA	\$100.00	\$1,000.00

BID ITEM	DESCRIPTION		QUANTITY		UNIT PRICE	TOTAL
	C	FURNISH AND INSTALL NEW GROUTED ON FRAME AND COVER	10	EA	\$400.00	\$4,000.00
PLUGGING SEWERS						
13		FOR PLUGGING EXISTING ABANDONED/INACTIVE SEWERS CONNECTING TO MANHOLES, PIPE DIAMETER AS NOTED, AS SPECIFIED, COMPLETE IN PLACE.				
	A	EXIST 4-INCH TO 8-INCH-DIAMETER SEWERS	10	EA	\$200.00	\$2,000.00
	B	EXIST 10-INCH TO 15-INCH-DIAMETER SEWERS	10	EA	\$200.00	\$2,000.00
ABANDONING MANHOLES						
14		FOR ABANDONING EXISTING MANHOLES IN PLACE BY REMOVING THE MANHOLE TO 3 FEET BELOW GRADE, PLUGGING CONNECTING PIPES WITH CONCRETE, AND FILLING MANHOLE WITH IMPORTED STONE, IMPORTING SOIL AS NECESSARY FOR FINAL RESTORATION, VARIOUS MANHOLE DIAMETERS, COMPLETE IN PLACE, INCLUDING COMPLETE RESTORATION.				
	A	EXIST 4-FOOT-DIAMETER MANHOLES				
	a	MANHOLES IN UNPAVED AREAS	3	EA	\$400.00	\$1,200.00
	b	MANHOLES IN PAVED AREAS	3	EA	\$600.00	\$1,800.00
	B	EXIST 5-FOOT-DIAMETER MANHOLES				
	a	MANHOLES IN UNPAVED AREAS	3	EA	\$600.00	\$1,800.00
	b	MANHOLES IN PAVED AREAS	3	EA	\$800.00	\$2,400.00
BYPASS PUMPING						
15		FOR PERFORMING BYPASS PUMPING, COST PER DAY PER PUMP, WITH ALL NECESSARY PIPING, ALL OTHER BYPASS PUMPING TO BE CONSIDERED INCIDENTAL TO THE WORK WITH COSTS INCLUDED IN OTHER BID ITEMS				
	A	6-INCH PUMP	2	EA	\$500.00	\$1,000.00
	B	4-INCH PUMP	4	EA	\$400.00	\$1,600.00
WASTEWATER FORCEMAINS						
16		FOR FURNISHING AND INSTALLING 4-INCH PVC SANITARY FORCEMAIN PIPE (SDR 14 OR LESS), AS SPECIFIED, COMPLETE IN PLACE IN NEW OR OLD TRENCH				
	A	0'-6' DEPTH	50	LF	\$18.00	\$900.00
	B	6'-8' DEPTH	10	LF	\$20.00	\$200.00
	C	8' AND DEEPER	5	LF	\$22.00	\$110.00
	D	FOR SUBSTITUTING DUCTILE IRON PIPE (PRESSURE CLASS 350) AS SPECIFIED COMPLETE IN PLACE	20	LF	\$16.00	\$320.00
17		FOR FURNISHING AND INSTALLING 6-INCH PVC SANITARY FORCEMAIN PIPE (SDR 14 OR LESS), AS SPECIFIED, COMPLETE IN PLACE IN NEW OR OLD TRENCH				
	A	0'-6' DEPTH	50	LF	\$19.00	\$950.00
	B	6'-8' DEPTH	10	LF	\$21.00	\$210.00
	C	8' AND DEEPER	5	LF	\$23.00	\$115.00
	D	FOR SUBSTITUTING DUCTILE IRON PIPE (PRESSURE CLASS 350) AS SPECIFIED COMPLETE IN PLACE	20	LF	\$6.00	\$120.00
18		FOR FURNISHING AND INSTALLING 8-INCH PVC SANITARY FORCEMAIN PIPE (SDR 14 OR LESS), AS SPECIFIED, COMPLETE IN PLACE IN NEW OR OLD TRENCH				
	A	0'-6' DEPTH	50	LF	\$23.00	\$1,150.00
	B	6'-8' DEPTH	10	LF	\$25.00	\$250.00
	C	8' AND DEEPER	5	LF	\$27.00	\$135.00
	D	FOR SUBSTITUTING DUCTILE IRON PIPE (PRESSURE CLASS 350) AS SPECIFIED COMPLETE IN PLACE	20	LF	\$3.00	\$60.00
SUBSTITUTING RESTRAINED JOINT DIP AND PVC PIPE						
19		FOR SUBSTITUTING RESTRAINED JOINT DUCTILE IRON AND POLYVINYL CHLORIDE PIPE, AS SPECIFIED, COMPLETE IN PLACE				

BID ITEM		DESCRIPTION	QUANTITY		UNIT PRICE	TOTAL
	A	4-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350)	250	LF	\$3.00	\$750.00
	B	6-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350)	150	LF	\$5.00	\$750.00
	C	8-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350)	75	LF	\$6.00	\$450.00
	D	4-INCH POLYVINYL CHLORIDE PIPE (DR 14)	250	LF	\$3.00	\$750.00
	E	6-INCH POLYVINYL CHLORIDE PIPE (DR 14)	150	LF	\$4.00	\$600.00
	F	8-INCH POLYVINYL CHLORIDE PIPE (DR 14)	75	LF	\$6.00	\$450.00
DIP COMPACT FITTINGS						
20		FOR FURNISHING AND INSTALLING EPOXY COATED & LINED DUCTILE IRON COMPACT FITTINGS AS SPECIFIED, COMPLETE IN PLACE	750	LBS	\$5.00	\$3,750.00
AIR RELEASE/VACUUM RELIEF VALVES						
21		FOR FURNISHING AND INSTALLING AUTOMATIC AIR RELEASE/VACUUM RELIEF VALVES, IN SPECIAL VAULT, PER DETAIL, COMPLETE IN PLACE AS SPECIFIED				
	A	FOR FURNISHING AND INSTALLING AUTOMATIC AIR RELEASE/VACUUM RELIEF VALVES, COMPLETE WITH ALL NEEDED APPURTENANCES, COMPLETE IN PLACE AS SPECIFIED	2	EA	\$4,000.00	\$8,000.00
	B	FOR VALVE VAULT, 0'-6' DEPTH, AS SPECIFIED, BACKFILLED COMPLETE IN PLACE, WITH MANHOLE FRAMES AND COVERS, STEPS, ETC., AS SHOWN ON STANDARD DETAIL.	2	EA	\$7,000.00	\$14,000.00
	C	FOR EXTRA DEPTH ON VALVE VAULT AS SPECIFIED, BACKFILLED, COMPLETE IN PLACE	6	VF	\$500.00	\$3,000.00
POINT REPAIRS TO EXISTING SEWERS						
22		FOR PERFORMING POINT REPAIRS TO EXISTING GRAVITY SEWERS USING DUCTILE IRON PIPE ONLY (EXCEPT FOR 4" AND 6" SERVICE LATERALS, AS NOTED BELOW), REPAIR LENGTH AS SPECIFIED BELOW, VARIOUS PIPE DIAMETERS, VARIOUS DEPTHS OF SEWER, INCLUDING STONE BEDDING, BACKFILLING USING EXCAVATED SOIL, INCLUDING COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFIED AND IN ACCORDANCE WITH DETAIL B, COMPLETE IN PLACE.				
	A	REPAIR TO EXIST 4" OR 6" SERVICE LATERALS USING PVC PIPE				
	1	0 TO 10 FEET DEEP				
	1(a)	0 TO 6 FEET LONG	5	EA	\$2,000.00	\$10,000.00
	1(b)	FOR EACH ADDITIONAL FOOT OVER 6 FEET, (ADD TO ITEM 1(a) ABOVE)	10	LF	\$25.00	\$250.00
	1(c)	ADDITIONAL COST PER FOOT TO USE PRESSURE CLASS 350 DIP (ADD TO ITEMS 1(a) AND 1(b) ABOVE)	1	LF	\$50.00	\$50.00
	B	REPAIR TO EXIST 8 INCH DIAMETER SEWERS				
	1	0 TO 5 FEET DEEP				
	1(a)	0 TO 12 FEET LONG	10	LF	\$1,800.00	\$18,000.00
	1(b)	FOR EACH ADDITIONAL FOOT OVER 12 FEET, (ADD TO ITEM 1(a) ABOVE)	20	LF	\$70.00	\$1,400.00
	2	5.1 TO 10 FEET DEEP				
	2(a)	0 TO 12 FEET LONG	10	EA	\$2,300.00	\$23,000.00
	2(b)	FOR EACH ADDITIONAL FOOT OVER 12 FEET, (ADD TO ITEM 2(a) ABOVE)	20	LF	\$80.00	\$1,600.00
	3	10.1 TO 15 FEET DEEP				
	3(a)	0 TO 12 FEET LONG	5	EA	\$3,300.00	\$16,500.00
	3(b)	FOR EACH ADDITIONAL FOOT OVER 12 FEET, (ADD TO ITEM 3(a) ABOVE)	10	LF	\$100.00	\$1,000.00
	4	15.1 TO 20 FEET DEEP				
	4(a)	0 TO 12 FEET LONG	5	EA	\$4,300.00	\$21,500.00
	4(b)	FOR EACH ADDITIONAL FOOT OVER 12 FEET, (ADD TO ITEM 4(a) ABOVE)	10	LF	\$140.00	\$1,400.00
	C	REPAIR TO EXIST 10 INCH OR 12 INCH DIAMETER SEWERS				
	1	0 TO 5 FEET DEEP				
	1(a)	0 TO 12 FEET LONG	10	EA	\$2,000.00	\$20,000.00
	1(b)	FOR EACH ADDITIONAL FOOT OVER 12 FEET, (ADD TO ITEM 1(a) ABOVE)	20	LF	\$80.00	\$1,600.00
	2	5.1 TO 10 FEET DEEP				

BID ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL	
	2(a) 0 TO 12 FEET LONG	10	EA	\$2,500.00	\$25,000.00
	2(b) FOR EACH ADDITIONAL FOOT OVER 12 FEET, (ADD TO ITEM 2(a) ABOVE)	20	LF	\$90.00	\$1,800.00
	3 10.1 TO 15 FEET DEEP				
	3(a) 0 TO 12 FEET LONG	5	EA	\$3,500.00	\$17,500.00
	3(b) FOR EACH ADDITIONAL FOOT OVER 12 FEET, (ADD TO ITEM 3(a) ABOVE)	10	LF	\$110.00	\$1,100.00
	4 15.1 TO 20 FEET DEEP				
	4(a) 0 TO 12 FEET LONG	5	EA	\$4,500.00	\$22,500.00
	4(b) FOR EACH ADDITIONAL FOOT OVER 12 FEET, (ADD TO ITEM 4(a) ABOVE)	10	LF	\$150.00	\$1,500.00
D	INSTALL DUCTILE IRON TEE WITHIN POINT REPAIR SEGMENT AND RECONNECT LATERAL TO TEE (UP TO 6 FEET OF LATERAL)(ANY DEPTH)				
	1 8 INCH TEE	5	EA	\$800.00	\$4,000.00
	2 10 INCH OR 12 INCH TEE	5	EA	\$1,000.00	\$5,000.00
REPLACE EXISTING SERVICE CONNECTIONS AND INSTALL NEW SERVICE LATERALS					
23	FOR REPLACING EXISTING SERVICE LATERAL CONNECTIONS AT MAIN SEWER AND INSTALLING NEW LATERAL PIPE TO PROPERTY LINE VIA EXCAVATION. CONNECTION TO BE DUCTILE IRON TEE ONLY, EXCEPT AFTER CIPP OR PIPE BURSTING, THEN CONNECTION TO BE AS SPECIFIED. LATERAL PIPE TO BE PVC OR DUCTILE IRON AS NOTED, CONNECTIONS TO VARIOUS SIZE MAIN SEWERS, VARIOUS LATERAL DEPTHS, INCLUDING STONE BEDDING, BACKFILLING WITH EXCAVATED SOIL, INCLUDING COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFIED AND IN ACCORDANCE WITH DETAIL, COMPLETE IN PLACE. ITEM TO BE PAID FOR SERVICE LATERAL WORK ONLY OR AS PART OF A POINT REPAIR PAID IN BID ITEM 22 ABOVE.				
A	NEW CONNECTION AND 6 FEET OF NEW LATERAL PIPE (PVC OR DIP AS NOTED) INCLUDING ALL REQUIRED FITTINGS AND CONNECTION TO EXISTING LATERAL PIPE WHEN REQUIRED.				
	1 LATERAL 0 TO 5 FEET DEEP AT THE MAIN SEWER				
	1(a) DIP TEE CONNECTION TO EXIST 8 INCH MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	2	EA	\$2,400.00	\$4,800.00
	1(b) DIP TEE CONNECTION TO EXIST 10 OR 12 INCH MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	2	EA	\$2,800.00	\$5,600.00
	1(c) CONNECTION AFTER CIPP OR PIPE BURSTING TO EXIST 12 INCH OR SMALLER MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	2	EA	\$2,200.00	\$4,400.00
	1(d) ADDITIONAL COST TO USE PRESSURE CLASS 350 DIP FOR THE LATERAL INSTEAD OF PVC (ADD TO ITEMS 1(a) (b) (c) ABOVE)	5	EA	\$200.00	\$1,000.00
	2 LATERAL 5.1 TO 10 FEET DEEP AT THE MAIN SEWER				
	2(a) DIP TEE CONNECTION TO EXIST 8 INCH MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	2	EA	\$3,000.00	\$6,000.00
	2(b) DIP TEE CONNECTION TO EXIST 10 OR 12 INCH MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	2	EA	\$3,400.00	\$6,800.00
	2(c) CONNECTION AFTER CIPP OR PIPE BURSTING TO EXIST 12 INCH OR SMALLER MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	2	EA	\$2,800.00	\$5,600.00
	2(d) ADDITIONAL COST TO USE PRESSURE CLASS 350 DIP FOR THE LATERAL INSTEAD OF PVC (ADD TO ITEMS 2(a) (b) (c) ABOVE)	7	EA	\$200.00	\$1,400.00
	3 LATERAL 10.1 TO 15 FEET DEEP AT THE MAIN SEWER				
	3(a) DIP TEE CONNECTION TO EXIST 8 INCH MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	2	EA	\$4,000.00	\$8,000.00
	3(b) DIP TEE CONNECTION TO EXIST 10 OR 12 INCH MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	2	EA	\$4,400.00	\$8,800.00

BID ITEM		DESCRIPTION	QUANTITY		UNIT PRICE	TOTAL
	3(c)	CONNECTION AFTER CIPP OR PIPE BURSTING TO EXIST 12 INCH OR SMALLER MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	2	EA	\$3,800.00	\$7,600.00
	3(d)	ADDITIONAL COST TO USE PRESSURE CLASS 350 DIP FOR THE LATERAL INSTEAD OF PVC (ADD TO ITEMS 3(a) (b) (c) ABOVE)	2	EA	\$200.00	\$400.00
	4	LATERAL 15.1 TO 20 FEET DEEP AT THE MAIN SEWER				
	4(a)	DIP TEE CONNECTION TO EXIST 8 INCH MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	2	EA	\$5,000.00	\$10,000.00
	4(b)	DIP TEE CONNECTION TO EXIST 10 OR 12 INCH MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	2	EA	\$5,400.00	\$10,800.00
	4(c)	CONNECTION AFTER CIPP OR PIPE BURSTING TO EXIST 12 INCH OR SMALLER MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	2	EA	\$4,800.00	\$9,600.00
	4(d)	ADDITIONAL COST TO USE PRESSURE CLASS 350 DIP FOR THE LATERAL INSTEAD OF PVC (ADD TO ITEMS 4(a) (b) (c) ABOVE)	2	EA	\$200.00	\$400.00
B		NEW LATERAL PIPE FROM END OF TEE CONNECTION AND 6 FEET OF PIPE, PAID UNDER ITEM 23A, TO THE TERMINATION POINT AS SPECIFIED BY THE ENGINEER, OR NEW LATERAL INSTALLATION INTO A NEW OR EXISTING MANHOLE, INCLUDING ALL REQUIRED FITTINGS, VARIOUS PIPE DIAMETERS AND MATERIALS, VARIOUS LATERAL DEPTHS				
	1	LATERAL PIPE 0 TO 5 FEET DEEP				
	1(a)	4 INCH OR 6 INCH PVC LATERAL PIPE	10	LF	\$50.00	\$500.00
	1(b)	ADDITIONAL COST TO USE PRESSURE CLASS 350 DIP FOR THE LATERAL INSTEAD OF PVC (ADD TO ITEM 1(a) ABOVE)	5	LF	\$20.00	\$100.00
	2	LATERAL PIPE 5.1 TO 10 FEET DEEP				
	2(a)	4 INCH OR 6 INCH PVC LATERAL PIPE	10	LF	\$60.00	\$600.00
	2(b)	ADDITIONAL COST TO USE PRESSURE CLASS 350 DIP FOR THE LATERAL INSTEAD OF PVC (ADD TO ITEM 2(a) ABOVE)	5	LF	\$20.00	\$100.00
	3	LATERAL PIPE 10.1 TO 15 FEET DEEP				
	3(a)	4 INCH OR 6 INCH PVC LATERAL PIPE	2	LF	\$80.00	\$160.00
	3(b)	ADDITIONAL COST TO USE PRESSURE CLASS 350 DIP FOR THE LATERAL INSTEAD OF PVC (ADD TO ITEM 3(a) ABOVE)	1	LF	\$20.00	\$20.00
	4	LATERAL PIPE 15.1 TO 20 FEET DEEP				
	4(a)	4 INCH OR 6 INCH PVC LATERAL PIPE	2	LF	\$120.00	\$240.00
	4(b)	ADDITIONAL COST TO USE PRESSURE CLASS 350 DIP FOR THE LATERAL INSTEAD OF PVC (ADD TO ITEM 4(a) ABOVE)	1	LF	\$20.00	\$20.00
C		FOR INSTALLING CLEANOUT AT END OF NEW 4 INCH OR 6 INCH LATERAL PIPE, (PAID UNDER ITEM 23B) ANY TYPE, ANY DEPTH, IN ACCORDANCE WITH DETAIL G, WHERE REQUIRED BY THE ENGINEER				
	1	CLEANOUT FOR 4" OR 6" PVC LATERAL PIPE	5	EA	\$500.00	\$2,500.00
	2	CLEANOUT FOR 4" OR 6" DIP LATERAL PIPE	2	EA	\$900.00	\$1,800.00
D		FOR CONNECTION OF NEW LATERAL PIPE TO EXISTING OR NEW MANHOLE, INCLUDING CONSTRUCTING INVERT OR CHANNEL, PERFORMING CORE DRILLING AND SEALING CONNECTION WITH NON-SHRINK GROUT AND AN EXTERNAL CONCRETE COLLAR, COST PER CONNECTION, ANY DEPTH, ANY LATERAL DIAMETER AND PIPE MATERIAL.	1	EA	\$1,500.00	\$1,500.00
PIPE BURSTING						
24		FOR PERFORMING PIPE-BURSTING OF EXISTING SEWERS WITH NEW HDPE PIPE, VARIOUS EXISTING PIPE MATERIALS, VARIOUS DEPTHS, INCLUDING COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFIED, COMPLETE IN PLACE.				
	A	EXISTING 6" DIAMETER SEWER TO:				
	1	NEW 8" DIAMETER HDPE SEWER	100	LF	\$100.00	\$10,000.00

BID ITEM		DESCRIPTION	QUANTITY		UNIT PRICE	TOTAL
	2	NEW 10" DIAMETER HDPE SEWER	10	LF	\$110.00	\$1,100.00
B		EXISTING 8" DIAMETER SEWER TO:				
	1	NEW 8" DIAMETER HDPE SEWER	500	LF	\$110.00	\$55,000.00
	2	NEW 10" DIAMETER HDPE SEWER	100	LF	\$125.00	\$12,500.00
	3	NEW 12" DIAMETER HDPE SEWER	200	LF	\$140.00	\$28,000.00
C		EXISTING 10" DIAMETER SEWER TO:				
	1	NEW 10" DIAMETER HDPE SEWER	100	LF	\$125.00	\$12,500.00
	2	NEW 12" DIAMETER HDPE SEWER	500	LF	\$140.00	\$70,000.00
		TOTAL BID SEWER ITEMS				\$1,078,740.00
		TOTAL BID COMMON ITEMS				\$621,508.80
		TOTAL BID WATER ITEMS				\$1,022,050.00
		TOTAL BID SEWER ITEMS				\$1,078,740.00
		TOTAL BID COMBINED				\$2,722,298.80