

Addendum No. 5

Date: *April 25, 2023*

Solicitation Number: FY23-ITBCON-28

Title: On-Call Stream Restoration and Sanitary Sewer Repair

Issued by: Bridgette Maxie

Bridgette.L.Maxie@charlottenc.gov

Bidders should acknowledge receipt of this addendum on the Bid Form. Failure to acknowledge receipt of this addendum may result in the bid not being considered.

All Bidders are responsible for monitoring CLTWater's Contracting Opportunities website (https://www.charlottenc.gov/Growth-and-Development/Doing-Business) for additional changes or clarifications.

MODIFICATIONS TO THE BID FORM

Delete ARTICLE 5 – BASIS OF BID "BID TABULATION" and replace with the attached Bid Tabulation.

The Addendum 2 Bid Tab (PDF) is hereby replaced with the attached Addendum 5 Bid Tab (PDF).

----- END OF ADDENDUM NO. 5 -----

The below listed attachments follow:

Bid Tab (PDF)

Addendum No. 5 Page 1



BID TABULATION

ON-CALL STREAM RESTORATION AND SANITARY SEWER REPAIR

MECKLENBURG COUNTY, NORTH CAROLINA

B. MOBILIZATION 2.02 PROJECT STAKE 2.03 FOR CLEARING A. CLEARING AND B. FOR CUTTING A 1) SELECT TREE RE 2) SELECT TREE RE 2) SELECT TREE RE 2.04 REMOVE/REPL SPLIT RAIL CHAIN LINK B. REMOVE/REPL 3. SELECT TREE RE 2.05 ROADSIDE STRI A. INSTALL REPLA B. INSTALL REPLA B. INSTALL REPLA B. SELECT BACKET B. AREMOVE/REPL A. REMOVE/REPL B. SELECT BACKET B. SELECT BACKET B. INSTALL REPLA COMMINIMA B. REMOVE/REPL B. SELECT BACKET B. SELECT BACKET B. SELECT BACKET B. JEST STONE C. MISC REMOVE 4.01 RIP RAP A. NO. 5 WASHED B. #57 STONE C. MISC RIPRAP (C. MISC RIPRAP) (C. MISC	DESCRIPTION	Quanity	UNIT	UNIT PRICE	EXTENDED TOTAL
B. MOBILIZATION 2.02 PROJECT STAKE 2.03 FOR CLEARING 2.03 FOR CLEARING B. FOR CUTTING A B. FOR CUTTING A I. SELECT TREE RE 2.04 REMOVE/REPL 3.3 SELECT TREE RE 2.04 REMOVE/REPL 4. REMOVE/REPL 5.05 ROADSIDE STRI A. CHAIN LINK B. REMOVE/REPL 2.05 ROADSIDE STRI A. INSTALL REPLA B. INSTALL REPLA B. INSTALL REPLA 2.06 REMOVE/REPL B. SELECT BACKET B. SELECT BACKET B. REMOVE/REPL B. REMOVE/REPL B. REMOVE/REPL C. REMOVE/REPL B. REMOVE/REPL B. REMOVE/REPL C. REMOVE/REPL B. REMOVE/REPL B. SELECT BACKET B. REMOVE/REPL C. REMOVE/REPL B. REMOVE/REPL B. REMOVE/REPL C. MISCALINE C	SECTION ONE: COMMON ITEMS				
B. MOBILIZATION 2.02 PROJECT STAKE 2.03 FOR CLEARING B. FOR CLEARING AND B. FOR CUTTING A 1) SELECT TREE RE 2) SELECT TREE RE 2.04 REMOVE/REPL SPLIT RAIL CHAIN LINK B. REMOVE/REPL 3. SPLIT RAIL CHAIN LINK B. REMOVE/REPL 3. REMOVE/REPL 3. REMOVE/REPL 4. REMOVE/REPL B. INSTALL REPLA B. INSTALL REPLA 2.06 REMOVE/REPL A. REMOVE/REPL B. SELECT BACKFI B. ABC STONE 3.01 GRADING (CUT 3.02 BORROW EXCA 3.04 ROCK REMOVA 4.01 RIP RAP A. NO. 5 WASHED B. \$57 STONE C. MISC RIPRAP (C 1) CLASS B 3) CLASS I 4) CLASS II 5.02 VARIABLE CON A. CONTRUCTED F B. ROCK AND ROL 5.03 BOULDER J-HO 5.04 LOG VANE B. ROCK SILL 5.05 STEP-POOL STR 5.06 ROCK CROSS VI 5.07 LOG SILL 5.09 TOE PROTECTIC 5.11 SOIL LIFTS 5.11 TOE WOOD 5.11 SOIL LIFTS 5.12 STEEL SHEET PI 5.13 ARTICULATING 6.01 TEMPORARY SI 6.05 TEMPORARY SI 6.06 TEMPORARY SI 6.07 TEMPORARY SI 6.08 COR FIBER MA C. COR FIBER MA B. COR FIBER MA B. COR FIBER MA C. COR FIBER MA B. COR FIBER MA C. COR FIBER MA B. COR FIBER MA C. COR FIBER MA B. COR FIBER MA B. STREAM BYPAS C. STRE	SITE PREPARATION				
2.02 PROJECT STAKE 2.03 FOR CLEARING A. CLEARING AND B. FOR CUTTING A B. FOR CUTTING A B. FOR CUTTING A C. SELECT TREE RI C. SELECT RI	ZATION - START OF ORIGINAL CONTRACT (TOTAL AMOUNT ENTERED NOT TO EXCEED 1.5% OF OF ITEMS 2.02 THROUGH 8.13)	1	LS		\$ -
2.03 FOR CLEARING AND	ZATION - WORK ORDER (TOTAL AMOUNT ENTERED NOT TO EXCEED 3% OF OF ITEMS 2.02 THROUGH 8.13)		LS		\$ -
A. CLEARING AND B. FOR CUTTING A I. SELECT TREE RE 2. SELECT TREE RE 2. SELECT TREE RE 3. SELECT TREE RE 4. REMOVE/REPL A. REMOVE/REPL A. REMOVE/REPL B. SPLIT RAIL CHAIN LINK B. ROADSIDE STRI A. INSTALL REPLA B. INSTALL REPLA B. INSTALL REPLA B. SELECT BACKFI B. REMOVE/REPL A. REMOVE/REPL B. SELECT BACKFI B. ROADSIDE STRI A. INSTALL REPLA B. SELECT BACKFI B. ABC STONE C. REMOVE/REPL B. SELECT BACKFI B. ABC STONE C. MISC RIPRAP (C I) CLASS A I) CLASS I I CLASS I		10	AC		\$ -
B. FOR CUTTING A 1) SELECT TREE RE 2) SELECT TREE RE 2) SELECT TREE RE 2.04 REMOVE/REPL SPLIT RAIL CHAIN LINK B. REMOVE/REPL SPLIT RAIL CHAIN LINK B. REMOVE/REPL SPLIT RAIL CHAIN LINK B. REMOVE/REPL REMOVE/REPL SPLIT RAIL CHAIN LINK B. REMOVE/REPL SPLIT RAIL CHAIN LINK B. REMOVE/REPL SPLIT RAIL SPLIT RAIL REPLA SPLIT RAIL REPLA REMOVE/REPL B. SELECT BACKFILL SPLIT RAIL REPLA SPLIT RAIL REPLA SPLIT RAIL REPLA SPLIT RAIL REPLA REMOVE/REPL SPLIT RAIL REPLA	ARING AND GRUBBING UNDERBRUSH, AS SPECIFIED IG AND GRUBBING UNDERBRUSH OF ITEMS LESS THAN 6-INCHES IN DIAMETER	48,000	SV.		\$ -
2) SELECT TREE RE	TTING AND DISPOSING (OR STACKING) OF TREES, LARGER THAN 6-INCH DIAMETER, AS SPECIFIED	40,000	31		\$ -
3 SELECT TREE RE	Tree removal (6"-18"Diameter)	20			\$ -
2.04 REMOVE/REPL A. REMOVE/REPL SPLIT RAIL CHAIN LINK B. REMOVE/REPL 2.05 ROADSIDE STRI B. INSTALL REPLA B. INSTALL REPLA 2.06 REMOVE/REPL A. REMOVE/REPL B. INSTALL REPLA B. SELECT BACKFIL B. REMOVE/REPL B. SELECT BACKFIL B. REMOVE/REPL B. FST STONE C. MISC RIPRAP (C C. STREAM BYPAS C C. STREAM BYPA	TREE REMOVAL (18"-30"DIAMETER)	10			\$ -
A. REMOVE/REPLI SPLIT RAIL CHAIN LINK B. REMOVE/REPLI 2.05 ROADSIDE STRI A. INSTALL REPLA B. INSTALL REPLA B. INSTALL REPLA B. INSTALL REPLA B. SELECT BACKFII B. AREMOVE/REPLI B. SELECT BACKFII B. AREMOVE/REPLI B. TOE PROTECTI B. TOE WOOD B. TOE PROTECTI B. TOE PROTECTI B. TOE PROTECTI B. TOE WOOD B. TEMPORARY SI B. COR FIBER MA C. COR FIBER MA B. COR FIBER MA B. COR FIBER MA B. COR FIBER MA C. CO	FREE REMOVAL (>30 DIAMETER) E/REPLACEMENT OF FENCE OR GATE	10	EA		\$ -
CHAIN LINK	E/REPLACEMENT OF FENCE				
B. REMOVE/REPL 2.05		30			\$ -
2.05 ROADSIDE STRI A. INSTALL REPLAN B. INSTALL REPLAN 2.06 REMOVE/REPL B. SELECT BACKFIL B. TOE PROTECTIC COUR FIBER MA B. STREAM BYPAS C. STREAM BYPAS		30			\$ - \$ -
A. INSTALL REPLA B. INSTALL REPLA B. INSTALL REPLA A. REMOVE/REPL A. REMOVE/REPL B. SELECT BACKFI B. ABC STONE 3.01 GRADING (CUT 3.02 BORROW EXCA 3.04 ROCK REMOVA 4.01 RIP RAP A. NO. 5 WASHED B. #57 STONE C. MISC RIPRAP (C 1) CLASS B 3.0 CLASS I 4.0 CLASS B 3.1 CLASS I 4.0 CLASS II 5.02 VARIABLE CON A. CONTRUCTED F B. ROCK AND ROL B. ROCK AND ROL 5.03 BOULDER J-HO 5.04 LOG VANE OR B. LOG J-HOOK V/ 5.05 STEP-POOL STR 5.06 ROCK CROSS V/ 5.07 LOG SILL 5.09 TOE PROTECTIC A. TOE PROTECTIC 5.11 TOE WOOD 5.11 SOIL LIFTS 5.12 STEEL SHEET PI 5.13 ARTICULATING 6.01 TEMPORARY SI 6.05 TEMPORARY SI 6.06 TEMPORARY SI 6.07 TEMPORARY SI 6.08 COK RIBER MA 6.09 TEMPORARY SI 6.09 TEMPORARY SI 6.01 STREAM BYPAS 6.09 TEMPORARY SI 6.00 TEMPORARY SI 6.01 STREAM BYPAS 6.09 TEMPORARY SI 6.00 TEMPORARY SI 6.01 STREAM BYPAS 6.01 STREAM BYPAS 6.01 STREAM BYPAS 6.02 STREAM BYPAS 6.03 STREAM BYPAS 6.01 STREAM BYPAS 6.03 STREAM BYPAS 6.01 STREAM BYPAS 6.01 STREAM BYPAS 6.01 STREAM BYPAS 6.02 STREAM BYPAS 6.03 STREAM BYPAS 6.05 STREAM BYPAS 6.07 STREAM		50	LF		\$ - \$ -
2.06 A. REMOVE/REPLI B. SELECT BACKFI B. SELECT BACKFI B. ABC STONE B. ABC STONE 3.02 BORROW EXCA 3.04 ROCK REMOVA 4.01 A. NO. 5 WASHED B. #57 STONE C. MISC RIPRAP (C. MISC RIPRAP) (C. MISC RI	REPLACEMENT CONCRETE SIDEWALK	50	SY		\$ -
A. REMOVE/REPLI B. SELECT BACKFII B. SELECT BACKFII B. ABC STONE 3.01 GRADING (CUT 3.02 BORROW EXCA 3.04 ROCK REMOVA 4.01 RIP RAP A. NO. 5 WASHED B. #57 STONE C. MISC RIPRAP (C 1) CIASS A 2) CLASS B 3) CLASS I 4) CLASS II 5.02 VARIABLE CON A. CONTRUCTED F B. ROCK AND ROL B. B. ROCK AND ROL CONTRUCTED F B. ROCK AND ROL SOLUTION OF THE STORY A. LOG VANIE B. LOG VANIE B. LOG VANIE B. LOG STEP-POOL STE 5.04 LOG VANIE B. LOG WANE OR I A. LOG VANIE S.05 STEP-POOL STE 5.06 ROCK CROSS VI 5.07 LOG SILL 5.08 ROCK SILL 5.09 TOE PROTECTIC A. TOE PROTECTIC A. TOE PROTECTIC 5.11 SOIL LIFTS 5.12 STEEL SHEET PI 5.13 ARTICULATING 6.01 TEMPORARY SI 6.02 TEMPORARY SI 6.03 TEMPORARY SI 6.04 TEMPORARY SI 6.05 TEMPORARY SI 6.06 TEMPORARY SI 6.07 TEMPORARY SI 6.08 COOK FIBER MA B. COIR FIBER MA B. STREAM BYPAS C. STREAM BYPAS	REPLACEMENT CONCRETE CURB	50	LF		\$ -
B. SELECT BACKFII	E/REPLACEMENT ASPHALT				\$ -
B. ABC STONE	E/REPLACEMENT ASPHALT		TON TON		\$ - \$ -
3.01 GRADING (CUT 3.02 BORROW EXCA 3.04 ROCK REMOVA 4.01 RIP RAP A NO. 5 WASHED B. #57 STONE C. MISC RIPRAP (C 11) CLASS A 2) CLASS B 3) CLASS II 4) CLASS II 5.02 VARIABLE CON. A. CONTRUCTED 6 B. ROCK AND ROLL 5.03 BOULDER J-HO 5.04 LOG VANE OR A. LOG VANE OR B. LOG VANE OR 5.05 STEP-POOL STR 5.06 ROCK CROSS V. 5.07 LOG SILL 5.09 TOE PROTECTIC A. TOE PROTECTIC 5.11 TOE WOOD 5.11 SOIL LIFTS 5.12 STEEL SHEET PI 5.13 ARTICULATING 6.01 TEMPORARY SI 6.02 TEMPORARY SI 6.03 TEMPORARY SI 6.04 TEMPORARY SI 6.05 TEMPORARY SI 6.06 TEMPORARY SI 6.07 TEMPORARY SI 6.08 COIR FIBER MA C. COIR FIBER MA B. COIR FIBER MA C. C. COIR FIBER MA 6.09 TEMPORARY SI 6.09 TEMPORARY SI 6.00 TEMPORARY SI 6.01 STREAM BYPAS C. STREAM BYPAS			TON		\$ -
3.02 BORROW EXCA 3.04 ROCK REMOVA 4.01 RIP RAP 4. NO. 5 WASHED B. #57 STONE C. MISC RIPRAP (C 1) CIASS A 2) CLASS B 3) CLASS I 4) CLASS I 4) CLASS II 5.02 VARIABLE CON B. ROCK AND ROL 5.03 BOULDER J-HO 5.04 LOG VANE OR 1. LOG VANE OR 1. LOG VANE OR 1. LOG SILL 5.05 STEP-POOL STR 5.06 ROCK CROSS V/ 5.07 LOG SILL 5.09 TOE PROTECTIC B. TOE PROTECTIC 5.1 TOE WOOD 5.11 SOIL LIFTS 5.1 TOE WOOD 5.11 STELS STEL SHEET PI 5.13 ARTICULATING 6.01 TEMPORARY SI 6.03 TEMPORARY SI 6.04 TEMPORARY SI 6.05 TEMPORARY SI 6.06 TEMPORARY SI 6.07 TEMPORARY SI 6.08 COOR FIBER MA 6.07 TEMPORARY SI 6.08 COOR FIBER MA C. C. STREAM BYPAS B. STREAM BYPAS C. STREAM BYPAS	EARTHWORK				
3.04 ROCK REMOVA	G (CUT, PLACE, AND COMPACT) ON-SITE	4,000			\$ -
4.01 RIP RAP A. NO. 5 WASHED B. #57 STONE C. MISS RIPRAP (C. 1) CLASS B 2) CLASS B 3) CLASS I 4) CLASS II 5.02 VARIABLE CON: A. CONTRUCTED F B. ROCK AND ROL 5.03 BOULDER J-HO 5.04 LOG VANE OR A. LOG VANE B. LOG J-HOOK ST 5.06 ROCK CROSS V. 5.07 LOG SILL 5.08 ROCK CROSS V. 5.07 LOG SILL 5.09 TOE PROTECTIC A. TOE PROTECTIC A. TOE PROTECTIC 5.11 SOIL LIFTS 5.12 STEEL SHEET PI 5.13 ARTICULATING 6.01 TEMPORAPY G. 6.02 TEMPORARY SI 6.03 TEMPORARY SI 6.04 TEMPORARY SI 6.05 TEMPORARY SI 6.06 TEMPORARY SI 6.07 TEMPORARY SI 6.08 COUR FIBER MA 6.09 TEMPORARY SI 6.00 TEMPORARY SI 6.00 TEMPORARY SI 6.00 TEMPORARY SI 6.01 TEMPORARY SI 6.02 TEMPORARY SI 6.03 TEMPORARY SI 6.04 TEMPORARY SI 6.05 TEMPORARY SI 6.06 TEMPORARY SI 6.07 TEMPORARY SI 6.08 COUR FIBER MA 6.09 TEMPORARY SI 6.09 STREAM BYPAS	W EXCAVATION	400			\$ -
A. NO. 5 WASHED B. #57 STONE C. MISC RIPRAP (C 1) CIASS A 2) CLASS B 3) CLASS I 4) CLASS I 4) CLASS II 5.02 VARIABLE CON A. CONTRUCTED F B. ROCK AND ROL 5.03 BOULDER J-HO 5.04 LOG VANE OR I COG VANE	EMOVAL (BY DRILLING, BLASTING, OR JACK HAMMERING) STONE PLACEMENT	400	CY		<u>-</u>
A. NO. 5 WASHED B. #57 STONE C. MISC RIPRAP (C 1) CIASS A 2) CLASS B 3) CLASS I 4) CLASS I 4) CLASS II 5.02 VARIABLE CON A. CONTRUCTED F B. ROCK AND ROL 5.03 BOULDER J-HO 5.04 LOG VANE OR I COG VANE					
B. #57 STONE		10	TON		\$ -
1) CIASS A 2) CLASS B 3) CLASS I 4) CLASS I 4) CLASS I 4) CLASS I 5.02 VARIABLE CON A CONTRUCTED F B ROCK AND ROL 5.03 BOULDER J-HO 5.04 LOG VANE OR L A LOG VANE B LOG J-HOOK V/ 5.05 STEP-POOL STR 5.06 ROCK CROSS V/ 5.07 LOG SILL 5.09 TOE PROTECTIC B TOE PROTECTIC B TOE PROTECTIC 5.1 TOE WOOD 5.11 SOIL LIFTS 5.12 STEEL SHEET FJ 5.13 ARTICULATING 6.01 TEMPORARY SI 6.03 TEMPORARY SI 6.04 TEMPORARY SI 6.05 TEMPORARY SI 6.06 TEMPORARY SI 6.07 TEMPORARY SI 6.08 COR FIBER MA 6.09 TEMPORARY SI 6.00 TEMPORARY SI 6.00 TEMPORARY SI 6.01 TEMPORARY SI 6.02 TEMPORARY SI 6.03 TEMPORARY SI 6.05 TEMPORARY SI 6.06 TEMPORARY SI 6.07 TEMPORARY SI 6.08 COR FIBER MA C COR FIBER MA C C COR FIBER MA C C C STREAM BYPAS B SI STEAM BYPAS C C STREAM BYPAS		35	TON		\$ -
2) CLASS B 3) CLASS I 4) CLASS I 4) CLASS I 4) CLASS I 4 CLASS II 5.02 VARIABLE CON A CONTRUCTED F B ROCK AND ROL 5.03 BOULDER J-HO 5.04 LOG VANE B LOG J-HOOK W. 5.05 STEP_POOL STR 5.06 ROCK CROSS W. 5.07 LOG SILL 5.09 TOE PROTECTIC A TOE PROTECTIC A TOE PROTECTIC 5.11 SOIL LIFTS 5.12 STEEL SHEET F 5.13 ARTICULATING 6.01 TEMPORARY SI 6.02 TEMPORARY SI 6.03 TEMPORARY SI 6.05 TEMPORARY SI 6.05 TEMPORARY SI 6.06 TEMPORARY SI 6.07 TEMPORARY SI 6.07 TEMPORARY SI 6.08 COR FIBER MA B COR FIBER MA B COR FIBER MA C COR FIBER MA C C COR FIBER MA C C STREAM BYPAS B STREAM BYPAS B STREAM BYPAS C C STREAM BYPAS C S	PRAP (CLASS A, CLASS B, CLASS I, & CLASS II)	0.5	7011		
3) CLASS			TON TON		\$ \$
A CLASS II			TON		\$ -
A. CONTRUCTED F B. ROCK AND ROL 5.03 BOULDER J-HO 5.04 LOG VANE OR A. LOG VANE B. LOG J-HOOK VI 5.05 STEP-POOL STR 5.06 ROCK CROSS VI 5.07 LOG SILL 5.09 TOE PROTECTIC A. TOE PROTECTIC B. TOE PROTECTIC 5.11 SOIL LIFTS 5.12 STEEL SHEET PI 5.13 ARTICULATING 6.01 TEMPORARY COL 6.02 TEMPORARY SI 6.05 TEMPORARY SI 6.06 TEMPORARY SI 6.07 TEMPORARY SI 6.08 COR FIBER MA A. COR FIBER MA B. COR FIBER MA B. COR FIBER MA C. COR FIBER MA 6.09 TEMPORARY SI 6.00 SITEMAM BYPAS			TON		\$ -
A. CONTRUCTED F B. ROCK AND ROL 5.03 BOULDER J-HO 5.04 LOG VANE OR A. LOG VANE B. LOG J-HOOK V/ 5.05 STEP-POOL STR 5.06 ROCK CROSS V/ 5.07 LOG SILL 5.08 ROCK SILL 5.09 TOE PROTECTIC A. TOE PROTECTIC B. TOE PROTECTIC 5.11 TOE WOOD 5.11 SOIL LIFTS 5.12 STEEL SHEET PI 5.13 ARTICULATING 6.01 TEMPORARY COL 6.02 TEMPORARY SI 6.05 TEMPORARY SI 6.06 TEMPORARY SI 6.07 TEMPORARY SI 6.08 CORFIBER MA A. CORFIBER MA B. CORFIBER MA B. CORFIBER MA C. CORFIBER MA B. CORFIBER MA C. CORFIBER MA 6.09 TEMPORARY SI 6.10 STREAM BYPAS	CHANNEL BANK AND BED PROTECTION				
B. ROCK AND ROL	LE CONSTRUCTED RIFFLE	050	CV		
5.03 BOULDER J-HO		850 200			\$ - \$ -
A. LOG VANE B. LOG J-HOOK W. 5.05 STEP-POOL STR 5.06 ROCK CROSS V. 5.07 LOG SILL 5.08 ROCK SILC S.09 TOE PROTECTIC A. TOE PROTECTIC B. TOE PROTECTIC 5.11 SOIL LIFTS 5.12 STEEL SHEET PI 5.13 ARTICULATING 6.01 TEMPORARY U. 6.03 TEMPORARY U. A. TEMPORARY ST. 6.05 TEMPORARY ST. 6.06 TEMPORARY ST. 6.07 TEMPORARY ST. 6.08 COR FIBER MA B. COR FIBER MA B. COR FIBER MA C. C. COR FIBER MA 6.09 TEMPORARY MA 6.09 TEMPORARY ST. 6.09 TEMPORARY ST. 6.09 TEMPORARY ST. 6.07 TEMPORARY ST. 6.08 COR FIBER MA C. C. COR FIBER MA B. COR FIBER MA C. C. STREAM BYPAS B. STREAM BYPAS B. STREAM BYPAS C. STREAM BYPAS	ER J-HOOK VANE	200			\$ -
B. LOG J-HOOK V/ 5.05 STEP-POOL STR 5.06 ROCK CROSS V/ 5.07 LOG SILL 5.08 ROCK SILL 5.09 TOE PROTECTIC B. TOE PROTECTIC B. TOE PROTECTIC S. TOE WOOD 5.11 SOIL LIFTS 5.12 STEEL SHEET PI 5.13 ARTICULATING A. TEMPORARY U A. TEMPORARY SI B. TEMPORARY SI C. COR FIBER MA B. COR FIBER MA B. COR FIBER MA C. COR FIBER MA C. C. STREAM BYPAS B. STREAM BYPAS B. STREAM BYPAS C. STRE	NE OR LOG J-HOOK VANE				
5.05 STEP-POOL STR 5.06 ROCK CROSS VI 5.07 LOG SILL 5.08 ROCK SILL 5.09 TOE PROTECTIC A. TOE PROTECTIC B. TOE PROTECTIC 5.1 TOE WOOD 5.11 SOIL LIFTS 5.12 STEEL SHEET PI 5.13 ARTICULATING 6.01 TEMPORARY I 6.02 TEMPORARY I 6.03 TEMPORARY SI 6.04 TEMPORARY SI 6.05 TEMPORARY SI 6.06 COR FIBER MA 6.07 TEMPORARY SI 6.08 COIR FIBER MA B. COIR FIBER MA B. COIR FIBER MA C. COIR FIBER MA 6.09 TEMPORARY SI 6.09 TEMPORARY SI 6.10 STREAM BYPAS 6.10 STREAM BYPAS C. STREAM BYPAS		200			\$ -
5.06 ROCK CROSS V/ 5.07 LOG SILL 5.08 ROCK SILL 5.09 TOE PROTECTIC A. TOE PROTECTIC B. TOE PROTECTIC B. TOE PROTECTIC 5.11 SOIL LIFTS 5.12 STEEL SHEET PI 5.13 ARTICULATING 6.01 TEMPRORAY COI 6.02 TEMPORARY II 6.03 TEMPORARY II 6.04 TEMPORARY II 6.05 TEMPORARY II 6.06 TEMPORARY II 6.07 TEMPORARY II 6.07 TEMPORARY II 6.07 TEMPORARY II 6.08 COIR FIBER MA A. COIR FIBER MA B. COIR FIBER MA C. C. COIR FIBER MA C. C. COIR FIBER MA C. C. COIR FIBER MA B. STREAM BYPAS A. STREAM BYPAS B. STREAM BYPAS B. STREAM BYPAS C. STREAM BYPAS		200 1200			\$ - \$ -
5.07 LOG SILL 5.08 ROCK SILL 5.09 TOE PROTECTIC A, TOE PROTECTIC B, TOE PROTECTIC 5.1 TOE WOOD 5.11 SOIL LIFTS 5.12 STEEL SHEET PI 5.13 ARTICULATING 6.01 TEMPORARY GO 6.02 TEMPORARY H 6.03 TEMPORARY H 6.05 TEMPORARY SI 6.06 TEMPORARY SI 6.06 TEMPORARY SI 6.07 TEMPORARY SI 6.08 COIR FIBER MA A COIR FIBER MA B COIR FIBER MA C C COIR FIBER MA 6.09 TEMPORARY SI 6.09 TEMPORARY SI 6.10 STREAM BYPAS 6.10 STREAM BYPAS 6.11 STREAM BYPAS C STREAM BYPAS C STREAM BYPAS C STREAM BYPAS C STREAM BYPAS		200			\$ \$
5.09 TOE PROTECTIC A. TOE PROTECTIC B. TOE PROTECTIC 5.1 TOE WOOD 5.11 SOIL LIFTS 5.12 STEEL SHEET PI 5.13 ARTICULATING 6.01 TEMPORARY OF 6.02 TEMPORARY OF 6.03 TEMPORARY OF 6.04 TEMPORARY OF 6.05 TEMPORARY SI 6.06 TEMPORARY SI 6.07 TEMPORARY SI 6.08 COUR FIBER MA B. COIR FIBER MA B. COIR FIBER MA C. COIR FIBER MA 6.09 TEMPORARY SI 6.09 TEMPORARY SI 6.10 STREAM BYPAS A. STREAM BYPAS B. STREAM BYPAS C. STREAM BYPAS		20			\$ -
A. TOE PROTECTIC B. TOE PROTECTIC 5.1 TOE PROTECTIC 5.11 SOIL LIFTS 5.12 STEEL SHEET PI 5.13 ARTICULATING 6.01 TEMPRORY COI 6.02 TEMPORARY II 6.03 TEMPORARY II 6.05 TEMPORARY II 6.06 TEMPORARY II 6.07 TEMPORARY II 6.08 COIR FIBER MA A. COIR FIBER MA B. COIR FIBER MA C. COIR FIBER MA C. COIR FIBER MA C. COIR FIBER MA C. COIR FIBER MA A. STREAM BYPAS B. STREAM BYPAS B. STREAM BYPAS C. STREAM BYPAS		20	EA		\$ -
B. TOE PROTECTIC 5.1 TOE WOOD 5.11 SOIL LIFTS 5.12 STEEL SHEET PI 5.13 ARTICULATING 6.01 TEMPRORY CO. 6.02 TEMPORARY H. 6.03 TEMPORARY ST. A. TEMPORARY ST. B. TEMPORARY ST. 6.05 TEMPORARY ST. 6.06 TEMPORARY ST. 6.07 TEMPORARY ST. 6.08 COIR FIBER MA B. COIR FIBER MA C. COIR FIBER MA C. COIR FIBER MA 6.09 TEMPORARY ST. 6.10 STREAM BYPAS 6.11 STREAM BYPAS B. STREAM BYPAS C. STREAM BYPAS			01/		
5.1 TOE WOOD 5.11 SOIL LIFTS 5.12 STEEL SHEET JI 5.13 ARTICULATING 6.01 TEMPORARY OF 6.02 TEMPORARY II 6.03 TEMPORARY II 6.03 TEMPORARY II 6.05 TEMPORARY SI 6.06 TEMPORARY SI 6.07 TEMPORARY SI 6.08 COUR FIBER MA B. COUR FIBER MA B. COUR FIBER MA C. C. COIR FIBER MA 6.09 TEMPORARY SI 6.09 TEMPORARY SI 6.10 STREAM BYPAS A. STREAM BYPAS B. STREAM BYPAS C. STREAM BYPAS		20 500			\$ - \$ -
5.11 SOIL LIFTS 5.12 STEEL SHEET PI 5.13 ARTICULATING 6.01 TEMPRORY COI 6.02 TEMPORARY H. 6.03 TEMPORARY B. B. TEMPORARY SI 6.05 TEMPORARY SI 6.06 TEMPORARY SI 6.07 TEMPORARY SI 6.08 COIR FIBER MA A. COIR FIBER MA B. COIR FIBER MA C. C. COIR FIBER MA 6.09 TEMPORARY SI 6.09 TEMPORARY SI 6.10 STREAM BYPAS B. STREAM BYPAS C. STREAM BYPAS		300			\$ -
5.13 ARTICULATING 6.01 TEMPRORY COI 6.02 TEMPORARY H. 6.03 TEMPORARY ST A. TEMPORARY ST B. TEMPORARY ST 6.05 TEMPORARY ST 6.06 TEMPORARY ST 6.07 TEMPORARY ST 6.08 COIR FIBER MA B. COIR FIBER MA C. COIR FIBER MA C. COIR FIBER MA C. STREAM BYPAS A. STREAM BYPAS B. STREAM BYPAS B. STREAM BYPAS C. STREAM BYPAS		500			\$ -
6.01 TEMPRORY COI 6.02 TEMPORARY H. 6.03 TEMPORARY H. 6.03 TEMPORARY H. 6.05 TEMPORARY SI 6.06 TEMPORARY SI 6.07 TEMPORARY SI 6.08 COIR FIBER MA B. COIR FIBER MA C. COIR FIBER MA C. COIR FIBER MA FILE MARKET SI 6.09 TEMPORARY SI 6.10 STREAM BYPAS A. STREAM BYPAS B. STREAM BYPAS C. STREAM BYPAS C. STREAM BYPAS C. STREAM BYPAS	HEET PILE BANK PROTECTION	2700			\$ -
6.02 TEMPORARY H. 6.03 TEMPORARY U. A. TEMPORARY U. B. TEMPORARY U. 6.05 TEMPORARY SI 6.06 TEMPORARY SI 6.07 TEMPORARY SI 6.08 COIR FIBER MA A. COIR FIBER MA B. COIR FIBER MA C. C. COIR FIBER MA 6.09 TEMPORARY SI 6.10 STEEAM BYPAS A. STREAM BYPAS B. STREAM BYPAS C. STREAM BYPAS C. STREAM BYPAS	ATING CONCRETE BLOCKS	450	SF		<u>-</u>
6.02 TEMPORARY H. 6.03 TEMPORARY U. 6.03 TEMPORARY U. A. TEMPORARY U. B. TEMPORARY SI 6.05 TEMPORARY SI 6.06 TEMPORARY TEMPORARY SI 6.07 TEMPORARY TEMPORARY SI 6.08 COIR FIBER MA B. COIR FIBER MA B. COIR FIBER MA C. C. COIR FIBER MA 6.09 TEMPORARY SE 6.10 STREAM BYPAS A. STREAM BYPAS B. STREAM BYPAS C. STREAM BYPAS C. STREAM BYPAS	DRY CONSTRUCTION ENTRANCE EROSION CONTROL	20	FΑ		\$ -
6.03 TEMPORARY U A. TEMPORARY ST B. TEMPORARY ST 6.05 TEMPORARY ST 6.06 TEMPORARY ST 6.07 TEMPORARY ST 6.08 COIR FIBER MA B. COIR FIBER MA C. COIR FIBER MA 6.09 TEMPORARY ST 6.10 STREAM BYPAS A. STREAM BYPAS B. STREAM BYPAS C. STREAM BYPAS	RARY HAUL/ACCESS ROADS - GRAVEL	2000			\$ -
B. TEMPORARY M	RARY UTILITY MAT PROTECTION				
6.05 TEMPORARY SI 6.06 TEMPORARY TSI 6.07 TEMPORARY TSI 6.08 COIR FIBER MA A. COIR FIBER MA B. COIR FIBER MA C. C. COIR FIBER MA 6.09 TEMPORARY SI 6.10 STREAM BYPAS A. STREAM BYPAS B. STREAM BYPAS C. STREAM BYPAS C. STREAM BYPAS		100			\$ -
6.06 TEMPORARY TF 6.07 TEMPORARY ST 6.08 COUR FIBER MA B. COUR FIBER MA C. C. COUR FIBER MA 6.09 TEMPORARY ST 6.10 STREAM BYPAS A. STREAM BYPAS B. STREAM BYPAS C. STREAM BYPAS C. STREAM BYPAS C. STREAM BYPAS		400 10000			\$ - \$ -
6.07 TEMPORARY ST 6.08 COIR FIBER MA A. COIR FIBER MA B. COIR FIBER MA C. COIR FIBER MA 6.09 TEMPORARY SE 6.10 STREAM BYPAS B. STREAM BYPAS C. STREAM BYPAS C. STREAM BYPAS	RARY TREE PROTECTION/SAFETY FENCE	5000			\$ -
A. COIR FIBER MA B. COIR FIBER MA C. COIR FIBER MA 6.09 TEMPORARY S 6.10 STREAM BYPAS A. STREAM BYPAS B. STREAM BYPAS C. STREAM BYPAS	RARY STREAM/DITCH CROSSING	20			\$ -
B. COIR FIBER MA C. COIR FIBER MA 6.09 TEMPORARY SE 6.10 STREAM BYPAS B. STREAM BYPAS C. STREAM BYPAS					
C. COIR FIBER MA COIR FIBER MAPPAS COIR FIBER MAPPAS COIR STREAM BYPAS COIR STREAM BYPAS	BER MATTING-400G	3000			\$ -
6.09 TEMPORARY SE 6.10 STREAM BYPAS A. STREAM BYPAS B. STREAM BYPAS C. STREAM BYPAS	BER MATTING-700G BER MATTING-900G	4000 500			\$ - \$ -
6.10 STREAM BYPAS A. STREAM BYPAS B. STREAM BYPAS C. STREAM BYPAS	RARY SEED AND MULCH		AC		\$ -
B. STREAM BYPAS C. STREAM BYPAS	I BYPASS PUMP				
C. STREAM BYPAS	BYPASS PUMP-AROUND OPERATION 2-INCH PUMP		DAY		\$ -
	I BYPASS PUMP-AROUND OPERATION 4-INCH PUMP		DAY DAY		\$ -
6.11 SPECIAL STILLIN	I BYPASS PUMP-AROUND OPERATION 6-INCH PUMP STILLING BASIN		EA EA		\$ - \$ -
	RARY ROCK SILT CHECK	20			\$ -
	PLANTING				
	VENT SEEDING-RIPARIAN	26000			\$ -
	NENT SEEDING-NON-RIPARIAN	26000			\$ -
7.05 LIVE STAKES 7.06 TUBELINGS		3000 200			\$ - \$ -
7.07 HERBACEOUS F			EA		\$ -

ITEM			DESCRIPTION	Quanity	UNIT UNIT PRICE	EXTENDED TOTAL
7.08	Ţ		TOP SOIL	600	CY	\$ -
7.09			SOD CECTION TIME CELVED	10000	SY	\$ -
			SECTION TWO: SEWER		T T	
			FOR INSTALLING NEW PVC SEWERS TO REPLACE EXISTING SEWERS FROM MANHOLE TO MANHOLE, EITHER IN THE SAME			
0.01			TRENCH OR IN NEW LOCATIONS, AS SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFIED BEDDING REQUIREMENTS, AS SPECIFIED, COMPLETE IN PLACE			
8.01	A.		4" PVC SANITARY SEWER	100	IF .	\$ -
	В.		4" PVC SANITARY SEWER LATERAL CONNECTION		EA	\$ -
	C.		4" PVC CLEAN OUT	10	EA	\$ -
			FOR INSTALLING NEW DIP SEWERS TO REPLACE EXISTING SEWERS FROM MANHOLE TO MANHOLE, EITHER IN THE SAME			
			TRENCH OR IN NEW LOCATIONS, VARIOUS DIAMETERS AS SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL. ALL SPECIFIED BEDDING REQUIREMENTS. CCTV OF NEW AND EXISTING SEWERS. ANTI-SEEP COLLARS.			
			INCLUDING COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID			
8.02			ITEMS), AS SPECIFIED, COMPLETE IN PLACE			
0.02	A.		8" DIP SEWER (CLASS 350)			
			O TO 6 FEET DEEP	100		\$ -
	В.	2)	ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 10" DIP SEWER (CLASS 350)	100	LF	\$ -
	D.	1)	0 TO 6 FEET DEEP	100	LF	\$ -
			ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP	100		\$ -
	C.	1)	12" DIP SEWER (CLASS 350) 0 TO 6 FEET DEEP	100	LE.	
	-		ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP	100		\$ -
	D.	_	16" DIP SEWER (CLASS 250)			
			O TO 6 FEET DEEP	100		-
	F	-	ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 20" DIP SEWER (CLASS 250)	100	LF	\$ -
	L.		0 TO 6 FEET DEEP	100	LF	\$ -
		2)	ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP	100		\$ -
	F.	4)	24" DIP SEWER (CLASS 250)	100	15	
	╁		0 TO 6 FEET DEEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP	100		\$ -
	G.	_	30" DIP SEWER (CLASS 250)	100		•
			O TO 6 FEET DEEP	100		\$ -
	H.	2)	ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 36" DIP SEWER (CLASS 250)	100	LF	-
	111.	1)	0 TO 6 FEET DEEP	100	LF	\$ -
			ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP	100		\$ -
	I.		42" DIP SEWER (CLASS 250)	400	15	
	-		0 TO 6 FEET DEEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP	100		\$ -
	J.	-/	48" DIP SEWER (CLASS 250)	100		•
			O TO 6 FEET DEEP	100		\$ -
	-	2)	ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP THE ADD ON COST FOR SUBSTITUTING RESTRAINED JOINT DUCTILE IRON PIPE FOR ANY DUCTILE IRON PIPE INCLUDED IN THE	100	LF	\$ -
	K.		CONTRACT, AS SPECIFIED, COMPLETE IN PLACE			
			8" RJ DIP SEWER		LF	\$ -
	-		10" RJ DIP SEWER		LF	-
	-	_	12" RJ DIP SEWER 16" RJ DIP SEWER		LF LF	\$ -
	+		20" RJ DIP SEWER		LF	\$ -
			24" RJ DIP SEWER		LF	-
	-		30" RJ DIP SEWER 36" RJ DIP SEWER		LF LF	\$ -
	+		42" RJ DIP SEWER		LF	\$ -
		10)	48" RJ DIP SEWER	40	LF	\$ -
			FOR CLEANING AND TELEVISING NEW SEWER MAIN AND EXISTING SEWERS TO FURTHER EVALUATE THE SEWERS, AS SPECIFIED, ANY REQUIRED CLEANING. ANY LENGTH OF SEWER. COMPLETE IN PLACE FOR VARIOUS PIPE DIAMETERS IN ACCORDANCE TO			
	L.	Ì	IANY REQUIRED CLEANING, ANY LENGTH OF SEWER, COMPLETE IN PLACE FOR VARIOUS PIPE DIAMETERS IN ACCORDANCE TO NASSCO STANDARDS			
	1	1)		2000	LF	\$ -
	Ţ		EXISTING SEWER MAINS FROM 12" TO 21" IN DIAMETER	1000		\$ -
	+	3)	EXISTING SEWER MAINS FROM 24" TO 48" IN DIAMETER FOR INSTALLING AERIAL STEEL PIPE CROSSINGS, ANY LOCATION, VARIOUS PIPE DIAMETERS, AS SPECIFIED, COMPLETE IN	500	Lr	\$ -
8.03	1	L	PLACE.			
	A.		8" DIAMETER (GRADE "B") STEEL SEWERS	•		
-	+		0 TO 20 FEET LONG GREATER THAN 20 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 20 FEET, ADD TO ITEM (A)(1) ABOVE		EA LF	\$ -
	B.		10" DIAMETER (GRADE "B") STEEL SEWERS	20		-
	Ĭ	1)	0 TO 20 FEET LONG		EA	\$ -
	_		GREATER THAN 20 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 20 FEET, ADD TO ITEM (B)(1) ABOVE	20	LF	\$ -
}	C.	_	12" DIAMETER (GRADE "B") STEEL SEWERS 0 TO 20 FEET LONG	1	EA	\$ -
	t		GREATER THAN 20 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 20 FEET, ADD TO ITEM (C)(1) ABOVE		LF	\$ -
	D.		16" DIAMETER (GRADE "B") STEEL SEWERS	•		
-	+		0 TO 20 FEET LONG GREATER THAN 20 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 20 FEET, ADD TO ITEM (D)(1) ABOVE		EA LF	\$ - \$ -
	E.	2)	24" DIAMETER (GRADE "B") STEEL SEWERS	20	LI	Ψ -
	Ī	_	0 TO 20 FEET LONG		EA	\$ -
	Ĺ	2)		20	LF	\$ -
8.04			FOR INSTALLING REINFORCED CONCRETE PIERS, ANY LOCATION, AS SPECIFIED IN ACCORDANCE TO CLTW DETAIL, COMPLETE IN PLACE.			
0.04	A.		REINFORCED CONCRETE PIER			
	Ţ		0 TO 6 VERTICAL FEET, COST PER PIER		EA	\$ -
-	В.	2)	GREATER THAN 6 VERTICAL FEET, PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET, ADD TO ITEM (A)(1) ABOVE REINFORCED CONCRETE ANCHOR PIER	20	VF	\$ -
	ß.	1)	0 TO 6 VERTICAL FEET, COST PER ANCHOR PIER	1	EA	\$ -
	Ţ		GREATER THAN 6 VERTICAL FEET, PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET, ADD TO ITEM (B)(1) ABOVE		VF	\$ -
8.06	1		FOR REMOVAL OF EXISTING UTILITIES, ANY LOCATION, AS SPRECIFIED, COMPLETE IN PLACE			

ITEM			DESCRIPTION	Quanity	UNIT	UNIT PRICE	EXTENDED TOTAL
	A.		ABANDON SEWER PIPE IN PLACE	100			\$ -
	B.		REMOVAL OF SEWER PIPE REMOVAL OF SEWER MANHOLE		TON TON		\$ -
	0.		REMOVAL OF SEWER MAINTOLE	10	1011		-
			FOR INSTALLLING NEW PRECAST CONRETE MANHOLES WITH A CONE SECTION TOP ON EXIST OR NEW SEWERS, VARIOUS				
8.08			DEPTHS AND SIZES OF SEWERS, COMPLETE RESTORATION, AS SPECIFIED, COMPLETE IN PLACE.				
0.00	A.		4 FOOT DIAMETER MANHOLE UP TO 6 FEET IN DEPTH IN UNPAVED AREAS				
			WITH 24" SOLID COVER		EA		\$ -
	+		WITH 24" CAM-LOCK WATERTIGHT COVER ADD ON COST IF MANHOLE IS IN PAVED AREA (ADD ON ITEMS (A)(1) AND (A)(2) ABOVE)		EA EA		\$ -
	+		PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET (ADD ON TO ITEMS (A)(1) AND (A)(2) ABOVE)		VF		\$ -
			ADD ON COST IF MANHOLE IS A FLAT-TOP (ADD ON ITEMS (A)(1) AND (A)(2) ABOVE)		EA		\$ -
	B.		5 FOOT DIAMETER MANHOLE UP TO 6 FEET IN DEPTH IN UNPAVED AREAS				
	+		WITH 30" SOLID COVER WITH 30" CAM-LOCK WATERTIGHT COVER		EA EA		\$ -
	H		ADD ON COST IF MANHOLE IS IN PAVED AREA (ADD ON ITEMS (B)(1) AND (B)(2) ABOVE)		EA		\$ -
		4)	PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET (ADD ON TO ITEMS (B)(1) AND (B)(2) ABOVE)		VF		\$ -
	_		ADD ON COST IF MANHOLE IS A FLAT-TOP (ADD ON ITEMS (B)(1) AND (B)(2) ABOVE) 6 FOOT DIAMETER MANHOLE UP TO 6 FEET IN DEPTH IN UNPAVED AREAS	6	EA		-
	C.		6 FOOT DIAMETER MANHOLE UP TO 6 FEET IN DEPTH IN UNPAVED AREAS WITH 30" SOLID COVER	2	EA		\$ -
	Ħ		WITH 30" CAM-LOCK WATERTIGHT COVER		EA		\$ -
			ADD ON COST IF MANHOLE IS IN PAVED AREA (ADD ON ITEMS (C)(1) AND (C)(2) ABOVE)		EA		\$ -
	+		PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET (ADD ON TO ITEMS (C)(1) AND (C)(2) ABOVE)		VF EA		-
	D.		ADD ON COST IF MANHOLE IS A FLAT-TOP (ADD ON ITEMS (C)(1) AND (C)(2) ABOVE) 8 FOOT DIAMETER MANHOLE UP TO 6 FEET IN DEPTH IN UNPAVED AREAS	3	EA		-
	Ħ		WITH 30" SOLID COVER	2	EA		\$ -
	П	,	WITH 30" CAM-LOCK WATERTIGHT COVER		EA	ļ	\$ -
	H		ADD ON COST IF MANHOLE IS IN PAVED AREA (ADD ON ITEMS (C)(1) AND (C)(2) ABOVE) PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET (ADD ON TO ITEMS (C)(1) AND (C)(2) ABOVE)		EA VF	1	\$ -
	H		ADD ON COST IF MANHOLE IS A FLAT-TOP (ADD ON ITEMS (C)(1) AND (C)(2) ABOVE)		EA	1	\$ -
	П		COST FOR ADDITIONAL CONNECTING SEWER INCLUDING 10 FEET OF DIP SEWER, ANY LOCATION, ANY DEPTH, ANY MANHOLE				
	E.		DIAMETER ## == C SEPARCE ATERNIC		F.4		
	+		4" or 6" SERVICE LATERALS 8" SEWER		EA EA		\$ -
	T		10" SEWER		EA		\$ -
			12" SEWER		EA		\$ -
	Ш		16" SEWER		EA		-
	+	6)	20" SEWER	2	EA		-
8.09			PRECAST CONCRETE MANHOLE RISER SECTIONS TO THE SPECIFIED ELEVATION, INSTALLING A FLAT-TOP SECTION OR A STANDARD CONE SECTION AS SPECIFIED, VARIOUS MANHOLE DIAMETERS AS LISTED BELOW, ANY LOCATION, ANY HEIGHT OF NEW MANHOLE RISER SECTIONS REQUIRED, BACKFILLING WITH EXCAVATED SOIL, REMOVAL AND DISPOSAL OF ALL EXISTING MATERIALS OFF-SITE, AS SPECIFIED AND IN ACCORDANCE WITH CLTW DETAILS, COMPLETE IN PLACE				
	A.		EXISTING 4-FOOT DIAMETER MANHOLES				
ļ			REMOVE EXISTING MANHOLE CHIMNEY OR CONE SECTION AND INSTALL NEW 4-FOOT-DIAMETER RISER SECTIONS TO THE SPECIFIED OR REQUIRED ELEVATION, PAYMENT FOR EACH VERTICAL FOOT OF NEW PRECAST RISER INSTALLED				
	Ш	1)			VF		\$ -
	+		INSTALL FLAT-TOP WITH A 24" CAM-LOCK WATERTIGHT COVER INSTALL 3-FOOT-LONG CONE SECTION WITH A 24" CAM-LOCK WATERTIGHT COVER		EA EA		\$ - \$
	B.		EXISTING 5-FOOT DIAMETER MANHOLES		LA		-
			REMOVE EXISTING MANHOLE CHIMNEY OR CONE SECTION AND INSTALL NEW 5-FOOT-DIAMETER RISER SECTIONS TO THE SPECIFIED OR REQUIRED ELEVATION, PAYMENT FOR EACH VERTICAL FOOT OF NEW PRECAST RISER INSTALLED	10	VF		\$ -
			INSTALL FLAT-TOP WITH A 30" CAM-LOCK WATERTIGHT COVER		EA		\$ -
	_		INSTALL 3-FOOT-LONG CONE SECTION WITH A 30" CAM-LOCK WATERTIGHT COVER EXISTING 6-FOOT DIAMETER MANHOLES	5	EA	<u> </u>	-
	U.						
			REMOVE EXISTING MANHOLE CHIMNEY OR CONE SECTION AND INSTALL NEW 6-FOOT-DIAMETER RISER SECTIONS TO THE SPECIFIED OR REQUIRED ELEVATION, PAYMENT FOR EACH VERTICAL FOOT OF NEW PRECAST RISER INSTALLED	10	VF		¢ .
	H		INSTALL FLAT-TOP WITH A 30" CAM-LOCK WATERTIGHT COVER		EA		\$ -
	П		INSTALL 3-FOOT-LONG CONE SECTION WITH A 30" CAM-LOCK WATERTIGHT COVER		EA		\$ -
8.10			FOR INSTALLING NEW VENT PIPES AT MANHOLES, ANY LOCATION, ANY HEIGHT, AS SPECIFIED AND IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND DETAILS, COMPLETE IN PLACE. PAYMENT TO BE MADE BASED ON THE VERTICAL HEIGHT INSTALLED MEASURED FROM THE BOTTOM OF THE VENT PIPE TO THE VENT PIPE OPENING.				
0.10	H		FOR INSTALLING NEW VENT PIPES IN NEW FLAT-TOP SECTIONS, ANY LOCATION, ANY HEIGHT, AS SPECIFIED AND IN			1	
	1 1		ACCORDANCE WITH CHARLOTTE WATER STANDARD SPECIFICATIONS AND DETAILS.	10	VF		\$ -
	Α.		FOR INSTALLING NEW VENT PIPES AT EXISTING MANHOLES, ANY LOCATION, ANY HEIGHT, AS SPECIFIED AND IN ACCORDANCE. I				1
	A. B.		FOR INSTALLING NEW VENT PIPES AT EXISTING MANHOLES, ANY LOCATION, ANY HEIGHT, AS SPECIFIED AND IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND DETAILS, COMPLETE IN PLACE.	10	VF		\$ -
8.11	A.		WITH THE STANDARD SPECIFICATIONS AND DETAILS, COMPLETE IN PLACE. FOR INSTALLING NEW EXTERNAL DROP CONNECTIONS AT NEW OR EXISTING MANHOLES, DUCTILE IRON DROPS ONLY, VARIOUS DROP PIPE DIAMETERS AND LENGTHS, COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFIED, COMPLETE IN PLACE.	10	VF		\$ -
8.11	A.		WITH THE STANDARD SPECIFICATIONS AND DETAILS, COMPLETE IN PLACE. FOR INSTALLING NEW EXTERNAL DROP CONNECTIONS AT NEW OR EXISTING MANHOLES, DUCTILE IRON DROPS ONLY, VARIOUS DROP PIPE DIAMETERS AND LENGTHS, COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFIED, COMPLETE IN PLACE. 8-INCH EXTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES INCLUDING 10 FEET OF NEW 8-INCH SEWER TO CONNECT	10	VF		
8.11	A.		WITH THE STANDARD SPECIFICATIONS AND DETAILS, COMPLETE IN PLACE. FOR INSTALLING NEW EXTERNAL DROP CONNECTIONS AT NEW OR EXISTING MANHOLES, DUCTILE IRON DROPS ONLY, VARIOUS DROP PIPE DIAMETERS AND LENGTHS, COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFIED, COMPLETE IN PLACE. 8-INCH EXTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES INCLUDING 10 FEET OF NEW 8-INCH SEWER TO CONNECT TO EXIST OR NEW SEWER				\$ -
8.11	A.	1)	WITH THE STANDARD SPECIFICATIONS AND DETAILS, COMPLETE IN PLACE. FOR INSTALLING NEW EXTERNAL DROP CONNECTIONS AT NEW OR EXISTING MANHOLES, DUCTILE IRON DROPS ONLY, VARIOUS DROP PIPE DIAMETERS AND LENGTHS, COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFIED, COMPLETE IN PLACE. 8-INCH EXTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES INCLUDING 10 FEET OF NEW 8-INCH SEWER TO CONNECT TO EXIST OR NEW SEWER DROP UP TO 6 FEET IN VERTICAL LENGTH AT A NEW/EXISTING MANHOLE, COST PER DROP CONNECTION		VF EA		\$ - \$ - \$ -
8.11	A.	1)	WITH THE STANDARD SPECIFICATIONS AND DETAILS, COMPLETE IN PLACE. FOR INSTALLING NEW EXTERNAL DROP CONNECTIONS AT NEW OR EXISTING MANHOLES, DUCTILE IRON DROPS ONLY, VARIOUS DROP PIPE DIAMETERS AND LENGTHS, COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFIED, COMPLETE IN PLACE. 8-INCH EXTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES INCLUDING 10 FEET OF NEW 8-INCH SEWER TO CONNECT TO EXIST OR NEW SEWER DROP UP TO 6 FEET IN VERTICAL LENGTH AT A NEW/EXISTING MANHOLE, COST PER DROP CONNECTION DROP GREATER THAN 6 FEET, PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET, ADD TO ITEM (A)(1) OR (B)(2) ABOVE	4			\$ - \$ - \$ -
8.11	A. A.	1) 2)	WITH THE STANDARD SPECIFICATIONS AND DETAILS, COMPLETE IN PLACE. FOR INSTALLING NEW EXTERNAL DROP CONNECTIONS AT NEW OR EXISTING MANHOLES, DUCTILE IRON DROPS ONLY, VARIOUS DROP PIPE DIAMETERS AND LENGTHS, COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFIED, COMPLETE IN PLACE. 8-INCH EXTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES INCLUDING 10 FEET OF NEW 8-INCH SEWER TO CONNECT TO EXIST OR NEW SEWER DROP UP TO 6 FEET IN VERTICAL LENGTH AT A NEW/EXISTING MANHOLE, COST PER DROP CONNECTION DROP GREATER THAN 6 FEET, PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET, ADD TO ITEM (A)(1) OR (B)(2) ABOVE 10-INCH EXTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES INCLUDING 10 FEET OF NEW 8-INCH SEWER TO CONNECT	4	EA		\$ - \$ - \$ -
8.11	A. A. B.	1) 2)	WITH THE STANDARD SPECIFICATIONS AND DETAILS, COMPLETE IN PLACE. FOR INSTALLING NEW EXTERNAL DROP CONNECTIONS AT NEW OR EXISTING MANHOLES, DUCTILE IRON DROPS ONLY, VARIOUS DROP PIPE DIAMETERS AND LENGTHS, COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFIED, COMPLETE IN PLACE. 8-INCH EXTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES INCLUDING 10 FEET OF NEW 8-INCH SEWER TO CONNECT TO EXIST OR NEW SEWER DROP UP TO 6 FEET IN VERTICAL LENGTH AT A NEW/EXISTING MANHOLE, COST PER DROP CONNECTION DROP GREATER THAN 6 FEET, PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET, ADD TO ITEM (A)(1) OR (B)(2) ABOVE 10-INCH EXTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES INCLUDING 10 FEET OF NEW 8-INCH SEWER TO CONNECT TO EXIST OR NEW SEWER	4	EA VF		\$ -
8.11	A. A. B.	1) 2)	WITH THE STANDARD SPECIFICATIONS AND DETAILS, COMPLETE IN PLACE. FOR INSTALLING NEW EXTERNAL DROP CONNECTIONS AT NEW OR EXISTING MANHOLES, DUCTILE IRON DROPS ONLY, VARIOUS DROP PIPE DIAMETERS AND LENGTHS, COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFIED, COMPLETE IN PLACE. 8-INCH EXTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES INCLUDING 10 FEET OF NEW 8-INCH SEWER TO CONNECT TO EXIST OR NEW SEWER DROP UP TO 6 FEET IN VERTICAL LENGTH AT A NEW/EXISTING MANHOLE, COST PER DROP CONNECTION DROP GREATER THAN 6 FEET, PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET, ADD TO ITEM (A)(1) OR (B)(2) ABOVE 10-INCH EXTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES INCLUDING 10 FEET OF NEW 8-INCH SEWER TO CONNECT	4	EA		\$ - \$ - \$ - \$ -

10 20 20 20 20 20 20 20	ITEM		DESCRIPTION	Quanity	UNIT	UNIT PRICE	EXTENDED TOTAL
13 DROP UP TO FOR FEET IN VERTICAL ELECTRA AT A REWIXED MANIFOLE COST PER PROPECTION CONTROL (1) OR (C)D ABOVE 10 /W 5			12-INCH EXTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES INCLUDING 10 FEET OF NEW 8-INCH SEWER TO CONNECT				
2 DICKO GRAZIER INMA 6 FEEL , AVAINANT FOR EACH VERVICAL FOOL OF IREM (S)(1) OR (S)(2) MOVE 10 FEEL	(). 					
12 COR PERCENTING ENVIRON PLANT PRODUCTS AND PLANT PLANT PRODUCTS AND PLANT PLANT PRODUCTS AND PLANT PLANT PRODUCTS AND PLA		1)	DROP UP TO 6 FEET IN VERTICAL LENGTH AT A NEW/EXISTING MANHOLE, COST PER DROP CONNECTION	4	EA		\$ -
BLICAN DECENTATION OF A VOICE CHANGE CIRCLE		2	DROP GREATER THAN 6 FEET, PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET, ADD TO ITEM (C)(1) OR (C)(2) ABOVE	10	VF		\$ -
A. COST FREADWING TO JAMOD PURIS WITHOUT SYSTEM B. DOST FREADWING TO JAMOD PURIS WITH ALL RECESSARY WATERTICH CONNECTIONS C. COST FREADWING THAN PURIS WITH ALL RECESSARY WATERTICH CONNECTIONS D. DOST FREADWING THAN PURIS WITH ALL RECESSARY WATERTICH CONNECTIONS D. DOST FREADWING THAN PURIS WITH ALL RECESSARY WATERTICH CONNECTIONS D. J. PURIS WATER CONNECTION THAN PURIS WITH ALL RECESSARY WATERTICH CONNECTIONS D. J. PURIS WATER CONNECTION THAN PURIS WATER STREAM PURIS WATER CONNECTION THAN PURIS			FOR PERFORMING BYPASS PUMPING BASED UP TO AND INCLUDE 2 MGD CAPACITY, ALL OTHER BYPASS PUMPING TO BE				
B	8.12						
C. COST FREPROPHY AND PROPROPHY. WITH ALL RECESSARY WATERTICHT CONNECTIONS 1. 1) O' FARDE PROPRICE OR WATER PROPROPHY WITH ALL RECESSARY WATERTICHT CONNECTIONS 2. 2) "FARDE PROPRICE OR GROWN THIS 200C) 5. 1. 2) O' FARDE PROPRICE OR GROWN THIS 200C) 8. 13 FOR INSTALLING CT-INFOCK CREATINGS MARKETS OR EXISTING WATER AND AND CARTON. COMPLETE IN PLACE FOR INSTALLING CT-INFOCK CREATINGS MARKETS OR EXISTING WATER AND AND CARTON. COMPLETE IN PLACE FOR INSTALLING CT-INFOCK CREATINGS MARKETS OR EXISTING WATER AND AND CARTON. COMPLETE IN PLACE FOR INSTALLING CT-INFOCK CREATINGS WATER AND CREATINGS WATER AND CREATING WATER AND CREATINGS WATE	Į.	١.	COST PER DAY PER 0-1 MGD PUMP SYSTEM	5	DAY		\$ -
D	E	3.	COST PER DAY PER 1.01-2 MGD PUMP SYSTEM	5	DAY		\$ -
1 1	() .		5	DAY		\$ -
23 SHARD PIPMIC (Regional final 2002) 200 5 5							\$ -
STATE STAT							\$ -
FOR INSTALLING 1" THICK CEMENTIOUS MORTAR ON EXISTING INTERNAL MANIPOLE WALLS & BENCHES, AS SPECIFIED AND IN A COCCROANCE WITH CHARGICITE WARTS FASIANDARDS, ANY IOCATION, COMPLETE IN PLACE 2 IN IN XISTING 4 FOOT DAMPETER MANIPOLES. ANY SPECIFIED MATERIAL 3 IN IN XISTING 4 FOOT DAMPETER MANIPOLES. ANY SPECIFIED MATERIAL 4 IN REXISTING 5 FOOT DAMPETER MANIPOLES. HORDEROSE SINGH MATERIAL AS SPECIFIED 5 IN EXISTING 5 FOOT DAMPETER MANIPOLES. HORDEROSE SINGH MATERIAL AS SPECIFIED 6 IN EXISTING 5 FOOT DAMPETER MANIPOLES. HORDEROSE SINGH MATERIAL AS SPECIFIED 7 IN EXISTING 6 FOOT DAMPETER MANIPOLES. HORDEROSE SINGH MATERIAL AS SPECIFIED 8 IN EXISTING 6 FOOT DAMPETER MANIPOLES. HORDEROSE SINGH MATERIAL AS SPECIFIED 9 IN EXISTING 6 FOOT DAMPETER MANIPOLES. HORDEROSE SINGH MATERIAL AS SPECIFIED 10 IV S S S S S S S S S S S S S S S S S S		2)	8" HARD PIPING (Beyond first 300LF)	200	LF		\$ -
FOR INSTALLING 1" THICK CEMENTIOUS MORTAR ON EXISTING INTERNAL MANIPOLE WALLS & BENCHES, AS SPECIFIED AND IN A COCCROANCE WITH CHARGICITE WARTS FASIANDARDS, ANY IOCATION, COMPLETE IN PLACE 2 IN IN XISTING 4 FOOT DAMPETER MANIPOLES. ANY SPECIFIED MATERIAL 3 IN IN XISTING 4 FOOT DAMPETER MANIPOLES. ANY SPECIFIED MATERIAL 4 IN REXISTING 5 FOOT DAMPETER MANIPOLES. HORDEROSE SINGH MATERIAL AS SPECIFIED 5 IN EXISTING 5 FOOT DAMPETER MANIPOLES. HORDEROSE SINGH MATERIAL AS SPECIFIED 6 IN EXISTING 5 FOOT DAMPETER MANIPOLES. HORDEROSE SINGH MATERIAL AS SPECIFIED 7 IN EXISTING 6 FOOT DAMPETER MANIPOLES. HORDEROSE SINGH MATERIAL AS SPECIFIED 8 IN EXISTING 6 FOOT DAMPETER MANIPOLES. HORDEROSE SINGH MATERIAL AS SPECIFIED 9 IN EXISTING 6 FOOT DAMPETER MANIPOLES. HORDEROSE SINGH MATERIAL AS SPECIFIED 10 IV S S S S S S S S S S S S S S S S S S							
A DOCORANCE WITH CHARGOTE WATER STANDARDS, ANY LOCATION, COMPLETE IN PLACE 1) IN IXESTING A FOOD TOMATER MANIOLIS. ANY SPECIFIED MATERIAL 2) IN IXESTING A FOOD TOMATER MANIOLIS. ANY SPECIFIED MATERIAL 3) IN IXESTING STOOT TOMATER MANIOLIS. ANY SPECIFIED MATERIAL 4) IN IXESTING STOOT TOMATER MANIOLIS. ANY SPECIFIED MATERIAL 5) IN IXESTING STOOT TOMATER MANIOLIS. ANY SPECIFIED MATERIAL 5) IN IXESTING STOOT TOMATER MANIOLIS. ANY SPECIFIED MATERIAL 5) IN IXESTING STOOT TOMATER MANIOLIS. ANY SPECIFIED MATERIAL AS SPECIFIED 6) IN IXESTING STOOT TOMATER MANIOLIS. ANY SPECIFIED MATERIAL 7) IN IXESTING STOOT TOMATER MANIOLIS. ANY SPECIFIED MATERIAL 8) IN IXESTING STOOT TOMATER MANIOLIS. ANY SPECIFIED MATERIAL AS SPECIFIED 9) IN IXESTING STOOT TOMATER MANIOLIS. ANY SPECIFIED MATERIAL 9) IN IXESTING STOOT TOMATER MANIOLIS. ANY SPECIFIED MATERIAL 9) IN IXESTING STOOT TOMATER MANIOLIS. ANY SPECIFIED MATERIAL 10 IVF S 10 IVF IXES AND SPECIFIED AND IXES ANY SPECIFIED MATERIAL 10 IVF S 10 IVF IXES AND SPECIFIED AND IXES AND AND	8.13		FOR INSTALLING CEMENTIOUS MORTAR ON EXISTING MANHOLES, AS SPECIFIED, ANY LOCATION, COMPLETE IN PLACE				
1) IN LESTING OF FOOT DAMETER MANNOLES - HAPROCORD SULFIDE RESISTANI MATERIAL AS SPECIFED 10 V S			FOR INSTALLING 1" THICK CEMENTIOUS MORTAR ON EXISTING INTERNAL MANHOLE WALLS & BENCHES, AS SPECIFIED AND IN				
2 N. EXISTING FOOT DIAMETER MANHOLES - HYDROGOR SULFIDE RESISTANT MATERIAL AS SPECIFIED 10 VF S	Į.	٨.	ACCORDANCE WITH CHARLOTTE WATER STANDARDS, ANY LOCATION, COMPLETE IN PLACE				
3 IN EXISTING SEPOT DIAMETER MANHOLES - HYDROCOED SUFED RESISTANT MATERIAL AS SPECIFED 10 VF 5				10	VF		\$ -
1 N. RESTRING, S. FOOD TO IMMETER MANHOLES. HYDROGEN SLIFIDE RESISTANT MATERIAL AS SPECIFED 10 VF S				10	VF		\$ -
10 N. EXISTING A FOOT DIAMETER MANHOLES. HYDROGEN SULFIDE RISSITANT MATERIAL AS SPECIFED		3)	IN EXISTING 5 FOOT DIAMETER MANHOLES - ANY SPECIFIED MATERIAL	10	VF		\$ -
1 1 1 1 1 1 1 1 1 1		4)	IN EXISTING 5 FOOT DIAMETER MANHOLES - HYDROGEN SULFIDE RESISTANT MATERIAL AS SPECIFIED	10	VF		\$ -
17 IN LESTING BY FOOT DIAMETER MANHOLES - ANY SECIFIED MATERIAL 10 ye \$ \$ \$ \$ \$ \$ \$ \$ \$		5)	IN EXISTING 6 FOOT DIAMETER MANHOLES - ANY SPECIFIED MATERIAL	10	VF		\$ -
B) IN EXISTING B FOOT DIAMETER MANHOLES - HYDROCEN SULFIDE RESISTANT MATERIAL AS SPECIFIED 10 VF S		6)	IN EXISTING 6 FOOT DIAMETER MANHOLES - HYDROGEN SULFIDE RESISTANT MATERIAL AS SPECIFIED	10	VF		\$ -
FOR INSTALLING SPECIAL EXTERIOR CEMENTIOUS MORTRAR PRODUCT ON THE OUTSIDE OF EXPOSED MANHOLE WALLS, MINIMUMU T-THICK, AS SPECIED AND IN ACCORDANCE WITH CHARLOTTE WATER STANDARDS, ANY LOCATION, COMPLETE IN MINIMUM T-THICK, AS SPECIED AND IN ACCORDANCE WITH CHARLOTTE WATER STANDARDS, ANY LOCATION, COMPLETE IN 10 VF				10	VF		\$ -
MINIMUM In THICK, AS SPECIFIC AND IN ACCORDANCE WITH CHARLOTTE WATER STANDARDS, ANY LOCATION, COMPLETE IN PLACE 1) EXISTINIC INTERNAL 4-FOOT DIAMETER MANHOLES 10 VF S 2) EXISTINIC INTERNAL 4-FOOT DIAMETER MANHOLES 10 VF S 3) EXISTINIC INTERNAL 4-FOOT DIAMETER MANHOLES 10 VF S 4) ROSTINIC INTERNAL 4-FOOT DIAMETER MANHOLES 10 VF S 5) EXISTINIC INTERNAL 4-FOOT DIAMETER MANHOLES 10 VF S 6) CONTROL OF A CONT		8)		10	VF		\$ -
B							
1) EXISTING INTERNAL 4-FOOT DIAMETER MANHOLES							
2) EXISTING INTERNAL S-FOOT DIAMETER MANHOLES	E	3.	PLACE				
3) EXISTING INTERNAL 6-FOOT DIAMETER MANHOLES		1)	EXISTING INTERNAL 4-FOOT DIAMETER MANHOLES	10	VF		\$ -
4 EXISTING INTERNAL 8-FOOT DIAMETER MANHOLES		2)	EXISTING INTERNAL 5-FOOT DIAMETER MANHOLES	10	VF		\$ -
SECTION THREE: UNSPECIFIED TIME AND MATERIAL 9.01		3)	EXISTING INTERNAL 6-FOOT DIAMETER MANHOLES	10	VF		\$ -
9.01 LABOR REGULAR TIME		4)	EXISTING INTERNAL 8-FOOT DIAMETER MANHOLES	10	VF		\$ -
A. CONTRACTOR PROJECT MANAGER			SECTION THREE: UNSPECIFIED TIME AND MAT	ΓERIAL			
B. SUPERINTENDENT WCDL	9.01	Т	LABOR REGULAR TIME				
B. SUPERINTENDENT WCDL		Α	. CONTRACTOR PROJECT MANAGER	40	HR		\$ -
C. GOUIPMENT OPERATOR W/CDL		В	. SUPERINTENDENT w/CDL	40	HR		\$ -
D. PIPE LAYER W/CDL							\$ -
E. LABORER W/CDL							\$ -
A UP TO CLASS 7 ENCLOSED CREW SUPPORT TRUCK, UNLIMITED MILEAGE 5 DAY \$		E	. LABORER w/CDL				\$ -
A UP TO CLASS 7 ENCLOSED CREW SUPPORT TRUCK, UNLIMITED MILEAGE 5 DAY \$	9.02	1	VEHICLES				
C. UP TO CLASS 7 STAKE BODY FLAT BED, UNLIMITED MILEAGE 5 DAY \$	Į.	٨.	UP TO CLASS 7 ENCLOSED CREW SUPPORT TRUCK, UNLIMITIED MILEAGE	5	DAY		\$ -
D. 12-TON CAPACITY TRAILER, UNLIMITED MILEAGE 5 DAY \$							\$ -
D. 12-TON CAPACITY TRAILER, UNLIMITED MILEAGE 5 DAY \$ -	(<u>).</u>	UP TO CLASS 7 STAKE BODY FLAT BED. UNLIMIITED MILEAGE	5	DAY		\$ -
E CLASS 2 OR 3 TRUCK, CLASS 4 HITCH, UNLIMITED MILEAGE 5 DAY \$ -							\$ -
F. SOLAR POWERED ARROW BOARD (QUIET) S DAY S - C	Ī		CLASS 2 OR 3 TRUCK, CLASS 4 HITCH, UNLIMITED MILEAGE				\$ -
G. ROAD TRACTOR AND TRAILER							*
1) 12-25 TON LOAD WEIGHT, UNIMITED MILEAGE		ì.					
2) 25.01 - 50 TON LOAD WEIGHT, UNLIMITED MILEAGE		1		40	HR		\$ -
H. CLASS 8 DUMP TRUCK, UNLIMITIED MILEAGE	+						, ,
9.03 MACHINERY/EXCAVATOR A. MINI CLASS AND NARROW AND 1/4 - 1/3 CY BUCKETS B. 1) SMALL CLASS AND 1/2 AND 3/4 CY BUCKETS C. 2) MEDIUM CLASS AND 1 CY BUCKET Sub-total CONTINGENCY (10% OF ITEMS 2.01 THROUGH 9.03) MACHINERY/EXCAVATOR DAY S C DAY S C C C D T L S C C C T S C C C T S C C C T S C C C T C C C T C C C C							*
A		+		40			<u> </u>
B. 1) SMALL CLASS AND 1/2 AND 3/4 CY BUCKETS 5 DAY \$ -		١.		5	DAY		\$ -
C. 2) MEDIUM CLASS AND 1 CY BUCKET							*
Sub-total 1 LS \$ CONTINGENCY (10% OF ITEMS 2.01 THROUGH 9.03) 1 LS \$ S							
CONTINGENCY (10% OF ITEMS 2.01 THROUGH 9.03) 1 LS \$							<u>, </u>
CONTINGENCY (10% OF ITEMS 2.01 THROUGH 9.03) 1 LS \$	Т		Sub-total	1	IS		ls -
		+					•
			PORTINGENOT (1078 OF TELEMO 2.01 THROUGH 5.00)	ı	LJ		