

May 25, 2023

Samuel Wally Project Manager 5100 Brookshire Boulevard Charlotte, NC 28216

Re:

Project: On-Call Stream Restoration and Sanitary Sewer Repair

Recommendation of Award

FY23-ITBCON-28

Dear Mr. Wally:

On May 15, 2023, Charlotte Water received bids for the On-Call Stream Restoration and Sanitary Sewer Repair project. A detailed bid tabulation is attached for your review and consideration. Charlotte Water received bids from the following contractors:

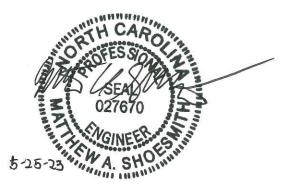
Contractor	<u>Total Bid</u>
RH Price Inc	\$5,593,225.00
Eagle Wood, Inc	\$6,241,553.10

RH Price Inc. was the apparent low bidder in the Total Bid amount of \$5,593,225.00. We have completed our review of the bid documents and find them to be in order. Based on these reviews, we recommend RH Price Inc. as the responsive and responsible low bidder for the project.

If you have any questions or comments, please call me at (704) 954-7490.

Sincerely,

Matthew A. Shoesmith, P.E. KIMLEY-HORN AND ASSOCIATES, INC.



Enclosures: Bid Tabulation



BID TABULATION

ON-CALL STREAM RESTORATION AND SANITARY SEWER REPAIR

MECKLENBURG COUNTY, NORTH CAROLINA MAY 15, 2023

				1	Ea	gle Wood Inc.		RH Price Inc.
ITEM		DESCRIPTION	Quanity L	UNIT	UNIT PRICE	EXTENDED TOTAL	UNIT PRICE	EXTENDED TOTAL
		SECTION ONE: CO	OMMON ITEMS	S				
	5	SITE PREPA		900				
		MOBILIZATION - START OF ORIGINAL CONTRACT (TOTAL AMOUNT ENTERED NOT TO EXCEED 1.5% OF OF ITEMS 2.02 THROUGH 8.13)						
2.01 A.		2.00 - 2.	1 LS		\$ 78,458.00	10)100100	\$72,000.00	\$ 72,000
В.	-	MOBILIZATION - WORK ORDER (TOTAL AMOUNT ENTERED NOT TO EXCEED 3% OF OF ITEMS 2.02 THROUGH 8.13)	1 LS		T	156,917.00	\$144,000.00	\$ 144,000
2.02		PROJECT STAKEOUT	10 AC		\$ 5,790.00		\$6,000.00	\$ 60,000
2.03 A.	-	FOR CLEARING AND GRUBBING UNDERBRUSH, AS SPECIFIED	48,000 SY		\$ 3.55	- 170 100 00	62.00	\$ 144,000
В.		CLEARING AND GRUBBING UNDERBRUSH OF ITEMS LESS THAN 6-INCHES IN DIAMETER FOR CUTTING AND DISPOSING (OR STACKING) OF TREES, LARGER THAN 6-INCH DIAMETER, AS SPECIFIED	48,000 31			\$ 170,400.00	\$3.00	\$ 144,000
	$\overline{}$		20 EA	_	\$ 1,500.00	r	Ć1 000 00	\$ 30.00
		SELECT TREE REMOVAL (8"-18"DIAMETER) SELECT TREE REMOVAL (18"-30"DIAMETER)	10 EA		\$ 2,700.00	\$ 30,000.00 \$ 27,000.00	\$1,000.00 \$2,500.00	
		SELECT TREE REMOVAL (>30"DIAMETER)	10 EA		\$ 4,000.00		\$4,000.00	
2.04		REMOVE/REPLACEMENT OF FENCE OR GATE	10 LA			\$ -	54,000.00	\$ 40,00
A.	-	REMOVE/REPLACEMENT OF FENCE				\$ -		Ś
A.		SPLIT RAIL	30 LF			990.00	\$50.00	
	-	CHAIN LINK	30 LF		\$ 50.00	\$ 1,500.00	\$80.00	\$ 2,40
В.		REMOVE/REPLACEMENT OF GATE	50 LF		\$ 265.00		\$180.00	\$ 9,00
2.05	-	ROADSIDE STRUCTURES				5 -	V 200100	\$
A.	\rightarrow	INSTALL REPLACEMENT CONCRETE SIDEWALK	50 SY			\$ 4,450.00	\$120.00	\$ 6,00
В.		INSTALL REPLACEMENT CONCRETE CURB	50 LF		\$ 47.00	\$ 2,350.00	\$100.00	\$ 5,00
2.06		REMOVE/REPLACEMENT ASPHALT				5 -		\$
A.		REMOVE/REPLACEMENT ASPHALT	50 TO	N	\$ 118.00	5,900.00	\$250.00	\$ 12,50
В.	-	SELECT BACKFILL	100 TO	N	\$ 130.00	13,000.00	\$50.00	\$ 5,00
В.		ABC STONE	100 TO	N	\$ 130.00	13,000.00	\$85.00	\$ 8,50
		EARTH	WORK	-				
3.01		GRADING (CUT, PLACE, AND COMPACT) ON-SITE	4,000 CY		\$ 60.00	\$ 240,000.00	\$60.00	\$ 240,00
3.02		BORROW EXCAVATION	400 CY		\$ 90.00	\$ 36,000.00	\$30.00	\$ 12,00
3.04		ROCK REMOVAL (BY DRILLING, BLASTING, OR JACK HAMMERING)	400 CY		\$ 351.00	\$ 140,400.00	\$225.00	\$ 90,00
	_	STONE PLA	CEMENT					
4.01		RIP RAP				\$ -		\$
A.		NO. 5 WASHED STONE	10 TO		9 04100	\$ 840.00	\$80.00	\$ 80
В.	$\overline{}$	#57 STONE	35 TO	N	\$ 84.00	2/510100	\$80.00	\$ 2,80
C.		MISC RIPRAP (CLASS A, CLASS B, CLASS I, & CLASS II)				\$ -		\$
		CIASS A	25 TO		\$ 119.00	\$ 2,975.00	\$110.00	\$ 2,75
		CLASS B	50 TOI		\$ 119.00	5,950.00	\$100.00	\$ 5,00
		CLASS I	50 TO		y 220100	6,000.00	\$100.00	
	4)	CLASS II	25 TO	N	\$ 124.00	\$ 3,100.00	\$110.00	\$ 2,75
F-02		CHANNEL BANK AND	BED PROTECTION					
5.02		VARIABLE CONSTRUCTED RIFFLE	000 54			\$ - \$ 68,000,00	\$200.00	\$ 470.00
A. B.	-	CONTRUCTED RIFFLE	850 SY		7	00,000100	\$200.00	
	$\overline{}$	ROCK AND ROLL RIFFLE	200 SY		\$ 172.00 S \$ 198.00 S	\$ 34,400.00	\$480.00	\$ 96,00
5.03		BOULDER J-HOOK VANE	200 LF			\$ 39,600.00	\$100.00	\$ 20,0
5.04 A.		LOG VANE OR LOG J-HOOK VANE	200 LF		\$ 132.00	\$ 26,400.00	\$95.00	\$ 10.0
В.	-	LOG J-HOOK VANE	200 LF		\$ 132.00	\$ 26,400.00	\$100.00	\$ 19,0 \$ 20,0
5.05		STEP-POOL STRUCTURES	1200 SY		\$ 324.00	\$ 388,800.00	\$220.00	\$ 264,0
5.06		ROCK CROSS VANE	200 LF			\$ 46,400.00	\$140.00	\$ 28,0
5.07	-	LOG SILL	20 EA		\$ 2,300.00	\$ 46,000.00	\$1,500.00	\$ 30,0
5.08	-	ROCK SILL	20 EA		\$ 5,200.00	\$ 104,000.00	\$1,800.00	\$ 36,0
5.09		TOE PROTECTION	20 04			\$ -	72,000.00	\$
A.	-	TOE PROTECTION-BOULDER	20 SY			\$ 12,300.00	\$280.00	\$ 5,6
B.	-	TOE PROTECTION-RIP RAP	500 SY		\$ 139.00	\$ 69,500.00	\$280.00	\$ 140,0
5.1		TOE WOOD	300 LF		\$ 130.00	\$ 39,000.00	\$64.00	\$ 19,2
5.11		SOIL LIFTS	500 SY		\$ 159.00		\$70.00	\$ 35,0
5.12	$\overline{}$	STEEL SHEET PILE BANK PROTECTION	2700 SF		\$ 97.50	\$ 263,250.00	\$60.00	\$ 162,0
5.13	-	ARTICULATING CONCRETE BLOCKS	450 SF		\$ 63.00		\$75.00	
		EROSION (
5.01		TEMPRORY CONSTRUCTION ENTRANCE	20 EA		\$ 11,800.00	\$ 236,000.00	\$10,000.00	\$ 200,0
6.02		TEMPORARY HAUL/ACCESS ROADS - GRAVEL	2000 LF		\$ 118.00		\$40.00	\$ 80,0
6.03	-	TEMPORARY UTILITY MAT PROTECTION			\$ -	\$ -		\$

ITEM	-	DESCRIPTION	Quanity	UNIT	UNIT PRICE	EXTENDED TOTAL	UNIT PRICE	EXTENDED TOTAL
	IA.I	TEMPORARY STEEL MAT	100		\$ 210.00	\$ 21,000.00	\$180.00 \$	18,000
	B.	TEMPORARY MUD MAT	400		\$ 193.00	\$ 77,200.00	\$180.00 \$	72,000
6.05	10.	TEMPORARY SILT FENCE	10000		\$ 5.25	\$ 52,500.00	\$3.00 \$	30,000
6.06		TEMPORARY TREE PROTECTION/SAFETY FENCE	5000	LF	\$ 3.00	\$ 15,000.00	\$2.50 \$	12,500
6.07		TEMPORARY STREAM/DITCH CROSSING	20	EA	\$ 2,875.00	\$ 57,500.00	\$8,500.00 \$	170,000
6.08		COIR FIBER MATTING				\$ -	\$	
	A.	COIR FIBER MATTING-400G	3000		\$ 10.00	\$ 30,000.00	\$6.00 \$	18,000
	В.	COIR FIBER MATTING-700G	4000		\$ 11.00	\$ 44,000.00	\$7.00 \$	28,000
	C.	COIR FIBER MATTING-900G	500			\$ 6,000.00	\$8.00 \$	4,000
6.09		TEMPORARY SEED AND MULCH	20	AC	\$ 2,250.00	\$ 45,000.00	\$1,600.00 \$	32,000
6.10		STREAM BYPASS PUMP		122-21	\$ -	\$ -	\$	25.000
	A.	STREAM BYPASS PUMP-AROUND OPERATION 2-INCH PUMP		DAY	\$ 250.00	\$ 30,000.00	\$300.00 \$	36,000 54,000
	B.	STREAM BYPASS PUMP-AROUND OPERATION 4-INCH PUMP		DAY	\$ 900.00	\$ 81,000.00	\$600.00 \$	81,000
	C.	STREAM BYPASS PUMP-AROUND OPERATION 6-INCH PUMP		DAY	\$ 1,050.00	\$ 94,500.00 \$ 16,000.00	\$900.00 \$	60,00
6.11		SPECIAL STILLING BASIN		EA	\$ 400.00 \$ 1,750.00	The state of the s	\$1,500.00 \$ \$900.00 \$	18,00
6.13		TEMPORARY ROCK SILT CHECK		EA	\$ 1,750.00	\$ 35,000.00	\$900.00 \$	10,00
7.03		PERMANENT SEEDING-RIPARIAN PERMANENT SEEDING-RIPARIAN	26000	SY	\$ 0.89	\$ 23,140.00	\$1.50 \$	39,00
7.03		PERMANENT SEEDING-NON-RIPARIAN	26000			\$ 23,140.00	\$1.50 \$	
7.05	\vdash	LIVE STAKES	3000			\$ 24,000.00	\$6.00 \$	18,00
7.06		TUBELINGS		EA	\$ 12.00		\$15.00 \$	3,00
7.07	-	HERBACEOUS PLUGS		EA	\$ 12.00		\$12.00 \$	1,0
7.08	\vdash	TOP SOIL	600		\$ 88.00		\$60.00 \$	36,0
7.09		SOD	10000		\$ 7.70	\$ 77,000.00	\$11.00 \$	110,0
7.03		SECTION TW	O: SEWER	*	A-10			
			OLOCULA	1				
		FOR INSTALLING NEW PVC SEWERS TO REPLACE EXISTING SEWERS FROM MANHOLE TO MANHOLE, EITHER IN THE SAME						
		TRENCH OR IN NEW LOCATIONS, AS SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL				THE GARDS	1	
8.01		SPECIFIED BEDDING REQUIREMENTS, AS SPECIFIED, COMPLETE IN PLACE				\$ -	\$	
	A.	4" PVC SANITARY SEWER	100		\$ 101.00	\$ 10,100.00	\$75.00 \$	7,5
	В.	4" PVC SANITARY SEWER LATERAL CONNECTION		EA	\$ 3,308.00	\$ 33,080.00	\$1,500.00 \$	15,0
	C.	4" PVC CLEAN OUT	10	EA	\$ 1,181.00	\$ 11,810.00	\$1,000.00 \$	10,0
8.02		EXCAVATED SOIL, ALL SPECIFIED BEDDING REQUIREMENTS, CCTV OF NEW AND EXISITING SEWERS, ANTI-SEEP COLLARS, INCLUDING COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFIED, COMPLETE IN PLACE				s -		5
	A.	8" DIP SEWER (CLASS 350)				\$ -	9	
		0 TO 6 FEET DEEP	100	LF	\$ 164.00	\$ 16,400.00	\$290.00 \$	29,0
		ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP		LF	\$ 10.00	\$ 1,000.00	\$6.00 \$	5 6
		10" DIP SEWER (CLASS 350)			\$ -	\$ -	5	5
		O TO 6 FEET DEEP	100	LF	\$ 177.00	\$ 17,700.00	\$295.00	29,
	2)	ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP	100	LF	\$ 10.00	\$ 1,000.00	\$6.00 \$	
	C.	12" DIP SEWER (CLASS 350)			\$ -	\$ -	5	\$
	1)	0 TO 6 FEET DEEP	100	LF	\$ 206.00		\$315.00 \$	31,
	2)	ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP	100	LF.	\$ 10.00	\$ 1,000.00	\$6.00	\$
		16" DIP SEWER (CLASS 250)			\$ -	\$ -	3	\$
	1)	0 TO 6 FEET DEEP		LF.	\$ 277.00		\$360.00	36
	2)	ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP	100	LF	\$ 10.00	\$ 1,000.00	\$6.00	\$
	E.	20" DIP SEWER (CLASS 250)			\$ -	\$ -		\$
	1)	0 TO 6 FEET DEEP		LF	\$ 354.00		\$440.00	\$ 44
	2)	ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP	100) LF	\$ 11.00	\$ 1,100.00	\$7.00	5
	F.	24" DIP SEWER (CLASS 250)			\$ -	\$ -		
	1	0 TO 6 FEET DEEP		LF	\$ 537.00		\$490.00	\$ 49
					\$ 12.00	\$ 1,200.00	\$8.00	^
	2)	ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP	100	, Li		ć		
	G. 2)	30" DIP SEWER (CLASS 250)			\$ -	\$ -	¢630.00	ė en
	G. 1)	30" DIP SEWER (CLASS 250) 0 TO 6 FEET DEEP	100) LF	\$ - \$ 711.00		\$620.00	
	G. 1)	30" DIP SEWER (CLASS 250) 0 TO 6 FEET DEEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP	100		\$ - \$ 711.00 \$ 13.00	\$ 71,100.00 \$ 1,300.00	\$620.00 \$10.00	
	G. 1) H.	30" DIP SEWER (CLASS 250) 0 TO 6 FEET DEEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 36" DIP SEWER (CLASS 250)	100	D LF	\$ - \$ 711.00 \$ 13.00 \$ -	\$ 1,300.00 \$	\$10.00	\$ 1 \$
	G. 1) H. 1)	30" DIP SEWER (CLASS 250) O TO 6 FEET DEEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 36" DIP SEWER (CLASS 250) O TO 6 FEET DEEP	100	D LF D LF	\$ - \$ 711.00 \$ 13.00 \$ - \$ 862.00	\$ 1,300.00 \$ - \$ 86,200.00	\$10.00 ! \$750.00 !	\$ 1 \$ \$ 75
	G. 1) H. 1)	30" DIP SEWER (CLASS 250) O TO 6 FEET DEEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 36" DIP SEWER (CLASS 250) O TO 6 FEET DEEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP	100	D LF	\$ - \$ 711.00 \$ 13.00 \$ - \$ 862.00 \$ 14.00	\$ 1,300.00 \$	\$10.00	\$ 1 \$ \$ 75
	2) G. 1) 2) H. 1) 2)	30" DIP SEWER (CLASS 250) O TO 6 FEET DEEP ADD ON COSTS FOR FACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 36" DIP SEWER (CLASS 250) O TO 6 FEET DEEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 42" DIP SEWER (CLASS 250)	100 100 100 100	D LF D LF D LF	\$ 711.00 \$ 13.00 \$ - \$ 862.00 \$ 14.00	\$ 1,300.00 \$ - \$ 86,200.00 \$ 1,400.00 \$ -	\$10.00 \$750.00 \$11.00	\$ 1 \$ \$ 75 \$ 1
	G. 1) 2) H. 1) 2) I. 1)	30" DIP SEWER (CLASS 250) 0 TO 6 FEET DEEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 36" DIP SEWER (CLASS 250) 0 TO 6 FEET DEEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 42" DIP SEWER (CLASS 250) 0 TO 6 FEET DEEP 0 TO 6 FEET DEEP	100 100 100 100 100	LF D LF D LF	\$ 711.00 \$ 13.00 \$ - \$ 862.00 \$ 14.00 \$ -	\$ 1,300.00 \$ - \$ 86,200.00 \$ 1,400.00 \$ - \$ 121,700.00	\$10.00 \$750.00 \$11.00 \$1,100.00	\$ 1 \$ 75 \$ 110
	G. 1) 2) H. 1) 2) I. 1) 2)	30" DIP SEWER (CLASS 250) 0 TO 6 FEET DEEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 36" DIP SEWER (CLASS 250) 0 TO 6 FEET DEEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 42" DIP SEWER (CLASS 250) 0 TO 6 FEET DEEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP	100 100 100 100 100	D LF D LF D LF	\$ 711.00 \$ 13.00 \$ - \$ 862.00 \$ 14.00 \$ - \$ 1,217.00 \$ 15.00	\$ 1,300.00 \$ - \$ 86,200.00 \$ 1,400.00 \$ - \$ 121,700.00	\$10.00 \$750.00 \$11.00	\$ 1 \$ \$ 75 \$ 1 \$
	G. 1) 2) H. 1) 2) I. 1) J.	30" DIP SEWER (CLASS 250) 0 TO 6 FEET DEEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 36" DIP SEWER (CLASS 250) 0 TO 6 FEET DEEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 42" DIP SEWER (CLASS 250) 0 TO 6 FEET DEEP 0 TO 6 FEET DEEP	100 100 100 100 100 100	LF D LF D LF	\$ 711.00 \$ 13.00 \$ - \$ 862.00 \$ 14.00 \$ -	\$ 1,300.00 \$ - \$ 86,200.00 \$ 1,400.00 \$ - \$ 121,700.00 \$ - \$ -	\$10.00 \$750.00 \$11.00 \$1,100.00	\$ 62, \$ 1, \$ \$ 75, \$ \$ 1, \$ \$ \$ 1, \$ \$ \$ \$ 1, \$ \$ \$ \$ 1, \$ \$ \$ \$

ITEM		DESCRIPTION	Quanity	UNIT	UNIT PRICE	EXTENDED TOTAL	UNIT PRICE	EXTENDED TOTAL
	\prod	THE ADD ON COST FOR SUBSTITUTING RESTRAINED JOINT DUCTILE IRON PIPE FOR ANY DUCTILE IRON PIPE INCLUDED IN THE						
	K.	CONTRACT, AS SPECIFIED, COMPLETE IN PLACE			\$	- S2	\$	
		8" RJ DIP SEWER		LF	\$ 27.00 \$	1,080.00	\$22.00 \$	880.00
		10" RJ DIP SEWER		LF	\$ 30.00 \$	1,200.00	\$26.00 \$	1,040.00
		12" RJ DIP SEWER		LF	\$ 36.00 \$	1,440.00	\$32.00 \$	1,280.00
		16" RJ DIP SEWER		LF	\$ 80.00 \$	3,200.00	\$57.00 \$	2,280.00
		20" RJ DIP SEWER 24" RJ DIP SEWER		LF	\$ 108.00 \$ \$ 144.00 \$	4,320.00	\$79.00 \$	3,160.00
		30" RJ DIP SEWER		LF	\$ 144.00 \$ \$ 254.00 \$	5,760.00 10,160.00	\$103.00 \$ \$194.00 \$	4,120.00 7,760.00
		36" RJ DIP SEWER		LF	\$ 295.00 \$	11,800.00	\$228.00 \$	9,120.00
		42" RJ DIP SEWER		LF	\$ 325.00 \$	13,000.00	\$246.00 \$	9,840.00
		48" RJ DIP SEWER		LF	\$ 348.00 \$	13,920.00	\$276.00 \$	11,040.00
	L	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 NASSCO STANDARDS			\$	-	\$	
	1)	EXISTING SEWER MAINS LESS THAN OR EQUAL TO 10" IN DIAMETER	2000	LF	\$ 7.00 \$	14,000.00	\$7.00 \$	14,000.00
	2)	EXISTING SEWER MAINS FROM 12" TO 21" IN DIAMETER	1000	LF	\$ 21.00 \$	21,000.00	\$11.00 \$	11,000.00
	3)	EXISTING SEWER MAINS FROM 24" TO 48" IN DIAMETER	500	LF	\$ 57.00 \$	28,500.00	\$15.00 \$	7,500.00
		FOR INSTALLING AERIAL STEEL PIPE CROSSINGS, ANY LOCATION, VARIOUS PIPE DIAMETERS, AS SPECIFIED, COMPLETE IN						
8.03		PLACE.			\$		\$	(A)
	A.	8" DIAMETER (GRADE "B") STEEL SEWERS			\$		\$	
		0 TO 20 FEET LONG		EA	\$ 10,871.00 \$	10,871.00	\$11,700.00 \$	11,700.00
		GREATER THAN 20 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 20 FEET, ADD TO ITEM (A)(1) ABOVE	20	LF	\$ 313.00 \$	6,260.00	\$240.00 \$	4,800.0
	B.	10" DIAMETER (GRADE "B") STEEL SEWERS			\$	-	\$	-
		O TO 20 FEET LONG		EA	\$ 12,171.00 \$	12,171.00	\$12,200.00 \$	12,200.00
		GREATER THAN 20 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 20 FEET, ADD TO ITEM (B)(1) ABOVE	20	LF	\$ 354.00 \$	7,080.00	\$250.00 \$	5,000.00
	C. 11	12" DIAMETER (GRADE "B") STEEL SEWERS 0 TO 20 FEET LONG		F.0.	\$ - \$ \$ 13,766.00 \$	13.755.00	\$43.300.00 ¢	13,200.00
		GREATER THAN 20 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 20 FEET, ADD TO ITEM (C)(1) ABOVE		LF.	\$ 13,766.00 \$	13,766.00	\$13,200.00 \$ \$290.00 \$	
	D 21	16" DIAMETER (GRADE "B") STEEL SEWERS	20	LF	\$ 378.00 \$	7,560.00	\$290.00 \$	5,800.00
	1)	0 TO 20 FEET LONG	1	EA	\$ 17,134.00 \$	17,134.00	\$16,600.00 \$	16,600.00
		GREATER THAN 20 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 20 FEET, ADD TO ITEM (D)(1) ABOVE		LF	\$ 395.00 \$	7,900.00	\$340.00 \$	6,800.00
	F Z/	24" DIAMETER (GRADE "B") STEEL SEWERS	20	Li	\$ - \$	7,500.00	\$340.00 \$	0,000.00
	1)	0 TO 20 FEET LONG	1	EA	\$ 22,452.00 \$	22,452.00	\$21,800.00 \$	21,800.00
		GREATER THAN 20 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 20 FEET, ADD TO ITEM (E)(1) ABOVE		LF	\$ 541.00 \$	10,820.00	\$470.00 \$	9,400.00
8.04		FOR INSTALLING REINFORCED CONCRETE PIERS, ANY LOCATION, AS SPECIFIED IN ACCORDANCE TO CLTW DETAIL, COMPLETE IN PLACE.			\$	14	s	_ 32
	A.	REINFORCED CONCRETE PIER			\$		\$	3 5 .(
		0 TO 6 VERTICAL FEET, COST PER PIER		EA	\$ 21,861.00 \$	21,861.00	\$27,800.00 \$	27,800.00
		GREATER THAN 6 VERTICAL FEET, PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET, ADD TO ITEM (A)(1) ABOVE	20	VF	\$ 661.00 \$	13,220.00	\$360.00 \$	7,200.00
	B.	REINFORCED CONCRETE ANCHOR PIER			\$ - \$		\$	521
	1)	0 TO 6 VERTICAL FEET, COST PER ANCHOR PIER		EA	\$ 19,498.00 \$	19,498.00	\$27,600.00 \$	27,600.00
12/1/2021	2)	GREATER THAN 6 VERTICAL FEET, PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET, ADD TO ITEM (B)(1) ABOVE	20	VF	\$ 531.00 \$	10,620.00	\$360.00 \$	7,200.00
8.06		FOR REMOVAL OF EXISTING UTILITIES, ANY LOCATION, AS SPRECIFIED, COMPLETE IN PLACE			\$ - \$		\$	250
	A.	ABANDON SEWER PIPE IN PLACE	100	-	\$ 868.00 \$	86,800.00	\$700.00 \$	70,000.00
	B.	REMOVAL OF SEWER PIPE REMOVAL OF SEWER MANHOLE		TON	\$ 390.00 \$ \$ 390.00 \$	3,900.00	\$400.00 \$	4,000.00
8.08		FOR INSTALLLING NEW PRECAST CONRETE MANHOLES WITH A CONE SECTION TOP ON EXIST OR NEW SEWERS, VARIOUS DEPTHS AND SIZES OF SEWERS, COMPLETE RESTORATION, AS SPECIFIED, COMPLETE IN PLACE.	10	TON	\$ 390.00 \$	3,900.00	\$400.00 \$	4,000.00
		4 FOOT DIAMETER MANHOLE UP TO 6 FEET IN DEPTH IN UNPAVED AREAS			\$		\$	
		WITH 24" SOLID COVER		EA	\$ 7,090.00 \$	14,180.00	\$7,300.00 \$	14,600.0
		WITH 24" CAM-LOCK WATERTIGHT COVER		EA	\$ 7,444.00 \$	14,888.00	\$7,500.00 \$	15,000.0
		ADD ON COST IF MANHOLE IS IN PAVED AREA (ADD ON ITEMS (A)(1) AND (A)(2) ABOVE)		EA	\$ 1,861.00 \$	3,722.00	\$1,400.00 \$	2,800.0
		PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET (ADD ON TO ITEMS (A)(1) AND (A)(2) ABOVE)		VF	\$ 561.00 \$	11,220.00	\$400.00 \$	8,000.0
		ADD ON COST IF MANHOLE IS A FLAT-TOP (ADD ON ITEMS (A)(1) AND (A)(2) ABOVE)	8	EA	\$ 1,477.00 \$	11,816.00	\$500.00 \$	4,000.00
		5 FOOT DIAMETER MANHOLE UP TO 6 FEET IN DEPTH IN UNPAVED AREAS		EA.	\$ - \$	40.692.22	\$ \$	******
		WITH 30" SOLID COVER		EA EA	\$ 9,335.00 \$ \$ 9,335.00 \$	18,670.00	\$13,000.00 \$	26,000.00
		WITH 30" CAM-LOCK WATERTIGHT COVER		EA	\$ 9,335.00 \$ \$ 2,245.00 \$	18,670.00 4,490.00	\$13,000.00 \$ \$1,500.00 \$	26,000.00
		ADD ON COST IF MANHOLE IS IN PAVED AREA (ADD ON ITEMS (B)(1) AND (B)(2) ABOVE)		VF	\$ 2,245.00 \$	4,490.00 15,120.00	\$1,500.00 \$	3,000.00 10,000.00
		DAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET (ADD ON TO ITEMS (RV(1) AND (RV(2) AROVE)	20			15,120.00	\$ 00.000	10,000.0
	4)	PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET (ADD ON TO ITEMS (B)(1) AND (B)(2) ABOVE) ADD ON COST IS MANHOLE IS A FLAT-TOP (ADD ON ITEMS (B)(1) AND (B)(2) ABOVE)					\$700.00 6	4 200 0
	4) 5)	ADD ON COST IF MANHOLE IS A FLAT-TOP (ADD ON ITEMS (B)(1) AND (B)(2) ABOVE)		EA	\$ 1,896.00 \$	11,376.00	\$700.00 \$	4,200.0
	4) 5) C.	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	\$ 1,896.00 \$ \$ - \$	11,376.00	\$	
	4) 5) C.	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 WITH 30" SOLID COVER	2	EA EA	\$ 1,896.00 \$ \$ - \$ \$ 14,062.00 \$	11,376.00 - 28,124.00	\$20,600.00 \$	41,200.00
	4) 5) C. 1) 2)	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 WITH 30" SOLID COVER WITH 30" CAM-LOCK WATERTIGHT COVER	2 2	EA EA	\$ 1,896.00 \$ \$ - \$ \$ 14,062.00 \$ \$ 14,062.00 \$	11,376.00 - 28,124.00 28,124.00	\$20,600.00 \$ \$20,600.00 \$	41,200.00 41,200.00
	4) 5) C. 1) 2) 3)	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 WITH 30" SOLID COVER	2 2 2 2	EA EA	\$ 1,896.00 \$ \$ - \$ \$ 14,062.00 \$	11,376.00 - 28,124.00	\$20,600.00 \$	4,200.00 - 41,200.00 41,200.00 4,400.00 14,000.00

	D.	DESCRIPTION 8 FOOT DIAMETER MANHOLE UP TO 6 FEET IN DEPTH IN UNPAVED AREAS	Quanity	UNIT	UNIT PRICE	EXTENDED TOTAL	UNIT PRICE	EXTENDED TOTAL
	40.1) WITH 30" SOLID COVER			\$ -	\$ -		\$ -
) WITH 30" CAM-LOCK WATERTIGHT COVER		EA	\$ 24,697.00		\$29,400.00	\$ 58,800.
				EA	\$ 24,697.00		\$29,400.00	\$ 88,200.
	1) 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	\$ 2,109.00		\$3,000.00	\$ 6,000.
	5) ADD ON COST IF MANHOLE IS A FLAT-TOP (ADD ON ITEMS (C)(1) AND (C)(2) ABOVE)		VF	\$ 1,654.00		\$1,400.00	\$ 28,000.
	1	COST FOR ADDITIONAL CONNECTING SEWER INCLUDING 10 FEET OF DIP SEWER, ANY LOCATION, ANY DEPTH, ANY MANHOLE		EA	\$ 2,836.00	\$ 8,508.00	\$2,700.00	\$ 8,100
	F.	DIAMETER				2		
	1	4" or 6" SERVICE LATERALS			\$ 1,772,00	\$ -		\$ -
		8" SEWER		EA	T 2/172.00	A CARLEST AND A	\$3,000.00	\$ 12,000
		10° SEWER		EA	7		\$3,700.00	\$ 14,800.
		12" SEWER		EA	\$ 2,091.00		\$3,900.00	\$ 15,600.
		16" SEWER		EA	\$ 2,570.00 \$ 3,545.00		\$4,600.00	\$ 18,400
		20" SEWER		EA	\$ 6,712.00		\$5,900.00 \$7,700.00	\$ 23,600.
8.09		FOR REMOVING EXISTING MANHOLE CHIMNEY OR CONE SECTIONS DOWN TO SOLID WALL MATERIAL AND INSTALLING NEW 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					<i>\$1,700.00</i>	\$ 15,400.
0.03	_					\$ -		\$ -
	A.	EXISTING 4-FOOT DIAMETER MANHOLES				ė	1.	•
	1)	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	10	VF	\$ 590.00	\$ 5,900.00	\$1,200.00	\$ 12,000.4
		INSTALL FLAT-TOP WITH A 24" CAM-LOCK WATERTIGHT COVER		EA	\$ 4,372.00	\$ 21,860.00	\$1,600.00	\$ 8,000.0
	3)	INSTALL 3-FOOT-LONG CONE SECTION WITH A 24" CAM-LOCK WATERTIGHT COVER	5	EA	\$ 4,490.00	\$ 22,450.00	\$1,900.00	\$ 9,500.
	В.	EXISTING 5-FOOT DIAMETER MANHOLES			\$ -	\$ -	72,500.00	\$,500
		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 INSTALL FLAT-TOP WITH A 30" CAM-LOCK WATERTIGHT COVER		VF EA	\$ 768.00 \$ 4,490.00	\$ 7,680.00 \$ 22,450.00	\$1,500.00 \$2,100.00	\$ 15,000. \$ 10,500.
	3)	INSTALL 3-FOOT-LONG CONE SECTION WITH A 30" CAM-LOCK WATERTIGHT COVER		EA	\$ 4,844.00	\$ 24,220.00	\$2,700.00	13,500.
	C.	EXISTING 6-FOOT DIAMETER MANHOLES			\$ -	\$ -	\$2,700.00	
	1)	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		VF	\$ 850.00	\$ 8,500.00	\$1,800.00	5 18,000.
		INSTALL FLAT-TOP WITH A 30" CAM-LOCK WATERTIGHT COVER		EA	\$ 5,553.00	\$ 27,765.00	\$2,700.00	13,500.
	3)	INSTALL 3-FOOT-LONG CONE SECTION WITH A 30" CAM-LOCK WATERTIGHT COVER	5	EA	\$ 5,672.00	\$ 28,360.00	\$4,200.00	21,000
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. FOR INSTALLING NEW VENT PIPES IN NEW FLAT-TOP SECTIONS, ANY LOCATION, ANY HEIGHT, AS SPECIFIED AND IN			\$ -	\$ -	ţ	
	Α.	ACCORDANCE WITH CHARLOTTE WATER STANDARD SPECIFICATIONS AND DETAILS.	10	VE	¢ 057.00		W	
		FOR INSTALLING NEW VENT PIPES AT EXISTING MANHOLES, ANY LOCATION, ANY HEIGHT, AS SPECIFIED AND IN ACCORDANCE	10	VI	\$ 957.00	\$ 9,570.00	\$600.00 \$	6,000.
	B.	WITH THE STANDARD SPECIFICATIONS AND DETAILS, COMPLETE IN PLACE.	10	V/E	\$ 886.00	f 2.050.00		
8.11		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		, 000.00	\$ 8,860.00	\$950.00	9,500.
	Α.	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				\$ -	5	
_	1)	DROP UP TO 6 FEET IN VERTICAL LENGTH AT A NEW/EXISTING MANHOLE, COST PER DROP CONNECTION	4	EA	\$ 6,972.00	\$ 27,888.00	\$3,600.00 \$	14,400.0
	2)	DROP GREATER THAN 6 FEET, PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET, ADD TO ITEM (A)(1) OR (B)(2) ABOVE	10	VF	\$ 254.00	\$ 2,540.00	\$170.00 \$	1,700.0
		10-INCH EXTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES INCLUDING 10 FEET OF NEW 8-INCH SEWER TO						1,700.
	В.	CONNECT TO EXIST OR NEW SEWER			\$ -	\$	Ś	
	1)	DROP UP TO 6 FEET IN VERTICAL LENGTH AT A NEW/EXISTING MANHOLE, COST PER DROP CONNECTION	4	EA	\$ 8,212.00	\$ 32,848.00	\$5,000.00 \$	20,000.
	2)	DROP GREATER THAN 6 FEET, PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET, ADD TO ITEM (B)(1) OR (B)(2) ABOVE	10	VF	\$ 342.00	\$ 3,420.00	\$180.00 \$	1,800.
1.	c.	12-INCH EXTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES INCLUDING 10 FEET OF NEW 8-INCH SEWER TO CONNECT TO EXIST OR NEW SEWER			¢ .	ė		1,000.1
	_	DROP UP TO 6 FEET IN VERTICAL LENGTH AT A NEW/EXISTING MANHOLE, COST PER DROP CONNECTION						

ITEM		DESCRIPTION	Quanity	UNIT	UNIT PRICE	EXTENDED TOTAL	UNIT PRICE	EXTENDED TOTAL
	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	\$ 366.00	\$ 3,660.00	\$190.00	\$ 1,900
8.12		FOR PERFORMING BYPASS PUMPING BASED UP TO AND INCLUDE 2 MGD CAPACITY, ALL OTHER BYPASS PUMPING TO BE NEGIOTATED FOR A WORK CHANGE DIRECTIVE			2			
	Α.	COST PER DAY PER 0-1 MGD PUMP SYSTEM	-	DAY	\$ 3,994.00	\$	£3 500 00	\$
	В.	COST PER DAY PER 1.01-2 MGD POMP SYSTEM		DAY	\$ 3,994.00	\$ 19,970.00	\$3,500.00 \$4,000.00	\$ 17,500
	C.	COST PER PUMPWATCH (24/7)		DAY	\$ 4,833.00	\$ 24,165.00 \$ 22,625.00		\$ 20,000
	D.	COST PER FOOT OF HARD PIPING WITH ALL NECESSARY WATERTIGHT CONNECTIONS		DAT	\$ 4,525.00	\$ 22,625.00	\$3,300.00	\$ 16,500 \$
		6" HARD PIPING (Beyond first 300LF)	200	10	\$ 24.00	\$ 4,800,00	\$8,50	
		8" HARD PIPING (Beyond first 300LF)	200		\$ 24.00	\$ 4,800.00	\$10.00	\$ 1,700 \$ 2,000
						-7	7.533.5	7 2/000
8.13		FOR INSTALLING CEMENTIOUS MORTAR ON EXISTING MANHOLES, AS SPECIFIED, ANY LOCATION, COMPLETE IN PLACE FOR INSTALLING 1" THICK CEMENTIOUS MORTAR ON EXISTING INTERNAL MANHOLE WALLS & BENCHES, AS SPECIFIED AND IN				\$ -		\$
	A.	ACCORDANCE WITH CHARLOTTE WATER STANDARDS, ANY LOCATION, COMPLETE IN PLACE				\$		\$
	1)	IN EXISTING 4 FOOT DIAMETER MANHOLES - ANY SPECIFIED MATERIAL	10	VF	\$ 447.00	\$ 4,470.00	\$580.00	\$ 5,80
	2)	IN EXISTING 4 FOOT DIAMETER MANHOLES - HYDROGEN SULFIDE RESISTANT MATERIAL AS SPECIFIED	10	VF	\$ 516.00	\$ 5,160.00	\$660.00	\$ 6,60
	3	IN EXISTING 5 FOOT DIAMETER MANHOLES - ANY SPECIFIED MATERIAL	10	VF	\$ 516.00	\$ 5,160.00	\$700.00	\$ 7,00
	4	IN EXISTING 5 FOOT DIAMETER MANHOLES - HYDROGEN SULFIDE RESISTANT MATERIAL AS SPECIFIED	10	VF	\$ 599.00	\$ 5,990.00	\$790.00	\$ 7,9
	5	IN EXISTING 6 FOOT DIAMETER MANHOLES - ANY SPECIFIED MATERIAL	10	VF	\$ 619.00	\$ 6,190.00	\$810.00	\$ 8,1
	6	IN EXISTING 6 FOOT DIAMETER MANHOLES - HYDROGEN SULFIDE RESISTANT MATERIAL AS SPECIFIED	10	VF	\$ 687.00	\$ 6,870.00	\$930.00	\$ 9,3
	7	IN EXISTING 8 FOOT DIAMETER MANHOLES - ANY SPECIFIED MATERIAL	10	VF	\$ 826.00	\$ 8,260.00	\$1,040.00	\$ 10,4
	8	IN EXISTING 8 FOOT DIAMETER MANHOLES - HYDROGEN SULFIDE RESISTANT MATERIAL AS SPECIFIED	10	VF	\$ 928.00	\$ 9,280.00	\$1,200.00	\$ 12,0
	В.	FOR INSTALLING SPECIAL EXTERIOR CEMENTIOUS MORTAR PRODUCT ON THE OUTSIDE OF EXPOSED MANHOLE WALLS, MINIMUM 1" THICK, AS SPECIFIED AND IN ACCORDANCE WITH CHARLOTTE WATER STANDARDS, ANY LOCATION, COMPLETE IN PLACE				\$ -		\$
	-	EXISTING INTERNAL 4-FOOT DIAMETER MANHOLES		VF	\$ 619.00	\$ 6,190.00	\$950.00	\$ 9,5
	_	EXISTING INTERNAL 5-FOOT DIAMETER MANHOLES		VF	\$ 722.00	\$ 7,220.00	\$1,100.00	
	_	EXISTING INTERNAL 6-FOOT DIAMETER MANHOLES		VF	\$ 826.00	\$ 8,260.00		\$ 11,5
	4	EXISTING INTERNAL 8-FOOT DIAMETER MANHOLES SECTION THREE: UNSPECIFIE		VF	17/	\$ 11,010.00	\$1,500.00	\$ 15,0
9.01	П	LABOR REGULAR TIME	ED TIME AN	ID IVIA	ERIAL	\$ -		\$
	I A	. CONTRACTOR PROJECT MANAGER	40	HR	\$ 97.00	\$ 3,880.00	\$125.00	\$ 5,00
		. SUPERINTENDENT W/CDL		HR	\$ 83.00	\$ 3,320.00		\$ 4,6
	-	EQUIPMENT OPERATOR w/CDL		HR	\$ 71.00	\$ 2,840.00	\$80.00	
		. PIPE LAYER w/CDL		HR	\$ 56.00	\$ 2,240.00		\$ 3,2
		LABORER w/CDL		HR	\$ 51.00	\$ 2,040.00	\$80.00	\$ 3,2
.02	1	VEHICLES	-40	1111	3 31.00	\$ 2,040.00	980.00	÷ 3,,
	A.	UP TO CLASS 7 ENCLOSED CREW SUPPORT TRUCK, UNLIMITIED MILEAGE	5	DAY	\$ 1,013.00	\$ 5,065.00	\$400.00	\$ 2,0
	В.	UP TO CLASS 7 DUMP TRUCK, UNLIMITED MILEAGE		DAY	\$ 1,395.00	\$ 6,975.00	\$500.00	
	C.	UP TO CLASS 7 STAKE BODY FLAT BED, UNLIMITED MILEAGE		DAY	\$ 1,077.00	\$ 5,385.00	\$600.00	
	D.	12-TON CAPACITY TRAILER, UNLIMITED MILEAGE		DAY	\$ 128.00	\$ 640.00	\$100.00	
	E.	CLASS 2 OR 3 TRUCK, CLASS 4 HITCH, UNLIMITED MILEAGE		DAY	\$ 190.00	\$ 950.00	\$300.00	\$ 1,5
	F.	SOLAR POWERED ARROW BOARD (QUIET)		DAY	\$ 353.00	\$ 1,765.00	\$100.00	
	G.	ROAD TRACTOR AND TRAILER		DAI	3 333.00	\$ 1,765.00	\$100.00	\$
		12-25 TON LOAD WEIGHT, UNIMITED MILEAGE	40	HR	\$ 211.00	\$ 8,440.00	\$120.00	¥
	_	25.01 - 50 TON LOAD WEIGHT, UNLIMITED MILEAGE		HR	\$ 282.00	\$ 11,280.00	\$150.00	\$ 6,0
	H. 2/	CLASS 8 DUMP TRUCK, UNLIMITIED MILEAGE		HR	\$ 128.00	\$ 5,120.00	\$150.00	
.03	***	MACHINERY/EXCAVATOR	40	Titt	2 120.00	\$ 3,120.00	\$130.00	\$ 6,0
	Α.	MINI CLASS AND NARROW AND 1/4 - 1/3 CY BUCKETS		DAY	\$ 1,175.00	¢ = 975.00	£1.000.00	÷
	2000	SMALL CLASS AND 1/2 AND 3/4 CY BUCKETS		DAY	\$ 1,175.00	\$ 5,875.00	\$1,000.00	\$ 5,0
		MEDIUM CLASS AND 1/2 AND 5/4 CY BUCKETS				\$ 6,475.00	\$1,500.00	\$ 7,5
	L. 2)	וואובטוטוא כנאסט אואט ז כן פטכאבן	5	DAY	\$ 1,550.00	\$ 7,750.00	\$1,800.00	\$ 9,0
		Sub-total Sub-total	1	LS	227	\$ 5,674,121.00		\$ 5,084,7
_		CONTINGENCY (10% OF ITEMS 2.01 THROUGH 9.03)		LS		\$ 567,412.10		\$ 508,4
		MINIMUM.			25/0			

