

Addendum No. 2

Date: *April 24, 2023*

Solicitation Number: FY23-ITBCON-28

Title: On-Call Stream Restoration and Sanitary Sewer Repair

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://charlottenc.gov/Water/Projects/Pages/Opportunities.aspx) for additional changes or clarifications.

Questions and Responses - ATTACHED

----- END OF ADDENDUM NO. 2 ------

The below listed attachments follow:

- Notice to Bidders
- Modifications to the Technical Specifications and Modifications to the Bid Form
- Bid Tab (PDF)
- Bid Tab (Electronic-separate attachment)

Addendum No. 2 Page 1





Notice to Bidders

April 21, 2023

ON-CALL STREAM RESTORATION AND SANITARY SEWER REPAIR

BID DATE: April 27, 2023, 2:00 PM

This notice to bidders is being used to clarify certain issues that have been raised during the bidding process. The questions and responses are not in a specific order. The biding documents are NOT being modified in any way as a result of this notice.

The deadline for questions was April 20, 2023.

Response to Questions:

1. <u>Section 5.02-Variable Constructed Riffle:</u> Depths of both constructed and rock & roll riffles are not specified. Requesting that the unit of measure be changed from SY to CY for both constructed and rock & roll riffles or the depth specified.

Response: The variable constructed riffle and rock and roll riffle should have a typical depth of 12". Therefore, the unit of measure should still be SY just with 12" of depth.

2. Links to specs are "broken" in the spec book. Please provide valid links.

Response: Charlotte Water's website has been updated. The new link is: https://www.charlottenc.gov/water/DevelopmentProjects/Design-Manual

This has been addressed in the addendum.

3. Requesting that the project stakeout line item be paid hourly vs by the acre.

Response: The project stakeout should be done per acre to provide the most consistent fee across all projects/workers.

- 4. Line items for traffic control are incidental to grading. Requesting that stand-alone traffic control items be added to the bid tab:
 - a. Lane Closures, paid by daily rate
 - b. Flagging Operations, paid by hourly rate

Response: Traffic control is incidental to grading as noted in Technical Specifications page 27: "If a site requires a lane closure or more complex traffic control than that for a construction entrance, then that traffic control for a lane closure or similar will be negotiated as an additional service for that work order."

5. If plantings are required for a project task outside of dormant season, requesting a mobilization fee be paid for returning to plant during the dormant season.

Response: A separate mobilization fee will not be paid for returning for plantings.

6. Requesting that a stand-alone line be added to the bid tab for disposal, paid by the ton, of non-LCID (appliances, tires, trash, etc) materials that may be encountered.

Response: Additional standalone items for disposal for non-LCID can be considered with project progression. In the past these projects, have not included any or much of disposal as specified.

- 7. Requesting that line items and quantities be added for the following items:
 - a. Removal and Replacement of Asphalt 50 Tons (It appears that pavement repairs are mentioned a few times in the description for Line Item 2.01 Mobilization Work Order. It's a little confusing, so perhaps a separate item for asphalt would be sensible.)
 - b. Select Backfill 100 Tons
 - c. ABC Stone 100 Tons

Response: This comment has been addressed in an addendum and the three line items have been added.

8. Page 70 of the technical specs state Live Stakes and Live Cuttings shall consist of the species as indicated on **Sheet 5 of 8 of the construction plans** in the "Woody Vegetation – Live Staking" planting table. Is there construction plans for the project? Can a planting schedule be provided?

Response: There are no construction plans released for this project. An addendum removes this comment. The planting schedule will be provided with each individual construction drawings.

9. <u>Invitation to Bidders: Article 5-5.01 B, D,E,F,G,H,J:</u> How are these conditions applicable to these bid documents? Are these sections waived for this bid?

Response: These sections are not applicable for this bid These items are removed by the addendum

- 10. Section 18.09 SC: Contract time is 730 days with 3 options for Renewal
 - a. Is this contract time based or Money Based?

Response: The contract will be run either max money or max time based whichever runs out first.

b. Will the owner allow Bond premium riders in lieu of new sets of Bonds for all renewals/amendments?

Response: No we will not allow Bond premium riders in lieu of new bonds. The contractor will need to provide a new set of Payment and Performance bonds for the full amount of the Renewal.

c. Will the owner consider price index increases on an annual basis or sooner possibly with inflation so volatile?

Response: Based on the bidding documents, renewal price increases will be based on section 18.09C.

11. <u>Article 10-10.01:</u> How are LD's assessed? There were no milestones listed in the Agreement.

Response: There are no liquidated damages identified for this project.

- 12. *Article 11*:
 - a. We would like to request that C-900 be allowed as a substitute for DIP specifically with regards to 20" and 42" pipe. Availability of small quantities in certain sizes will make material allocation problematic.

Response: Should there be an issue about on material lead time or allocation, substitutions will be evaluated on a case by case basis.

b. We would like to request .33 wall pipe on aerial steel pipes to be allowed in addition to .25 wall pipe.

Response: Per the special provision, the aerial steel pipes should have a minimum thickness of 0.25" therefore 0.33" wall pipe is allowed as long as it abides to Charlotte Water Standards. Provide a single unit price.

13. Article 12.01: Are any specific Subcontractors required on this project?

Response: No, subcontractors are not required on this project.

14. <u>Article 12.02-03:</u> These sections seem to contradict one another. Please clarify the meaning of this. How can a Low bidder object to a subcontractor and be allowed to not use said entity and then be not awarded the contract due to failure in agreeing to requested substitutions?

Response: No specific subcontractors are required on this project.

- 15. Charlotte Business Inclusion:
 - a. Are tier two subs participation considered as CBI Participation? **Response: Charlotte Water will verify in a separate response**
 - b. Percentages are based off total expenditure. Will LDs be assessed particularly Sec "I" (a) if certain scopes of work are not needed in an unspecified project like this, which may have more CBI committed participation than another scope of work that is utilized?

Response: Charlotte Water will verify in a separate response

 Section two accounts for a large amount of the bid tab and total dollars of this project, but these scopes may not be utilized in situations where stream banks are not eroding a sewer or critical asset.

Response: Charlotte Water will verify in a separate response

16. <u>Bid Tab 8.01:</u> Does this price include the cost of the tee, or are we to always use saddles to connect services to a new main sewer? Can this be altered to include all pipe sizes if tees are required?

Response: Per Charlotte Water standards, saddles should be used to connect services. The cost to connect to the line with the pipe saddle should be included in the unit price.

17. Bid Tab 8.02:

- a. Are these items always going to be from MH to MH? If not can a price for a base footage be included 6 or 12 feet for a point repair?
 - Response: The cost should be based on MH to MH and this is how the projects are expected to be designed.
- b. The adder under (A-J) 2) This line item says "costs for each VF over 6feet" but then states "depths 6.1 to 15 feet". Please clarify?

Response: For clarification on the adder for the additional vertical feet please see the example as follows:

Assume Bid items were

8.01 A.1 8" DIP SEWER (CLASS 350)

\$100/LF

8.01 A.2 ADD ON COSTS FOR EACH VERTICAL FOOT...

\$5/LF

For an 8" pipe that is 100 linear feet long at 8 feet deep, it will be billed as:

- 1) 100 LF standard unit price of \$100
- 2) Add on for each vertical vertical feet unit price of \$5

Total: \$11000

- 1) 100 linear feet x \$100 = \$10000
- 2) 2 vertical feet (8-6 deep) x 100 linear feet x \$5 = \$1000The effective unit rate for pipe 8 feet deep is \$110/LF (100+2*5)
- c. Section (L) does this CCTV need to be in IT Pipes?

Response: CCTV should abide to Charlotte Water design standards.

d. Can any required Anti seep collars have a pay item description added and a unit price provided?

Response: Anti seep collar should be incidental to the bid price.

18. Bid Tab 8.03:

a. Will these sewers use the CW standard details or the CW sewer rehab details for creek crossings?

Response: These sewers will use the Charlotte Water standard details from Chapter 15 -Sanitary Sewer Main Specs and Standards dated July 27, 1995 found here:

https://www.charlottenc.gov/files/assets/water/documents/developmentprojects/design-manual/chapter-15-sanitary-sewer-main-specs-and-standards.pdf

19. Bid Tab 8.04:

a. Will these sewers use the CW standard details or the CW sewer rehab details for creek crossings?

Response: These sewers will use the Charlotte Water standard details from Chapter 15 -Sanitary Sewer Main Specs and Standards dated July 27, 1995 found here:

https://www.charlottenc.gov/files/assets/water/documents/developmentprojects/design-manual/chapter-15-sanitary-sewer-main-specs-and-standards.pdf

b. It appears that there is some missing information regarding the driving of piles under piers between the end of text on pg 87 and the beginning of test in para #1 pg 88. Can you provide the missing information or better explain this scope of work and how it will be paid for?

This will be updated per the addendum as this should be installed as Charlotte Water standards.

https://www.charlottenc.gov/files/assets/water/documents/developmentprojects/design-manual/chapter-15-sanitary-sewer-main-specs-and-standards.pdf

20. Bid Tab 8.06:

- a. Abandonment of sewer in place:
 - i. Is this line item to fill sewers with Flowable fill? If so, there is no pipe size listed. What are the pipe size ranges?

Response: "Abandon Sewer Pipe in Place" will be billed per unit cubic feet of fill instead of linear feet.

This is addressed in the addendum.

- b. Removal of sewer in place:
 - i. Is this complete removal of the structure, or abandon in place?
 - ii. The Method of Payment is per LF, but there is no specific size of pipe listed. What is the pipe size that should be used for this pay item? **Response: This comment has been addressed in an addendum.**
- c. Removal of Sewer Manhole:
 - i. The Method of Payment is per EA, but there is no specific Diameter for said manhole listed. What is the Manhole Diameter that should be used for this pay item?

Response: "Removal of Sewer Manhole" will be billed per unit tonnage instead of linear feet. This comment has been addressed in an addendum.

21. <u>Bid Tab 9.01:</u> Does the contractor include Labor burden ie GL, WC, and benefits to the unit price, or is that to be added during the CO/TM process?

Response: These should be included in the unit price instead of added to the CO/TM.

22. Bid Tab 9.02: Can you better define class 2,3,7 and 8 vehicles?

Response: Class 2,3,7, and 8 vehicles are specific for the type of the equipment listed. This is the general class for the equipment, but an equivalent machinery can

also be considered. General guidance on vehicle sizes can be found: https://afdc.energy.gov/data/10380

23. Bid Tab 9.03:

- a. Can the machine be specified in weight classes?Response: The machinery is listed based on the standards of equipment.
- b. Does the machinery come with or without the operator?

 Response: The machinery unit cost should include the operator.
- 24. So do you want us to include a 2 pump bypass system (primary and backup) for up to 1 MGD and then up to 2 MGD, float switch, check valves, wye etc. Basically everything you need to make a redundant bypass system?

Response: This has been addressed in the addendum to include the bypass system instead of bypass pump.

25. I was confused about the price per foot of hard piping, do you want us to quote a total price of 200' for 6" and 8" or a price per foot of 6" and 8". Quoting per foot is really tough because I have to include the rental price of the pipe, labor for set up and tear down of the pipe, fusion machine for the pipe, machine to assist with set up and tear down.

Response: This has been addressed in the addendum to include up to 300 linear feet of piping in the bypass system and additional linear feet was added as a separate item.

26. Page 70 of the technical specs state Live Stakes and Live Cuttings shall consist of the species as indicated on Sheet 5 of 8 of the construction plans in the "Woody Vegetation – Live Staking" planting table. Is there construction plans for the project? Can a planting schedule be provided?

Response: This has been addressed in the addendum and is addressed in question 8.

- 27. <u>Herbaceous Plugs</u>: The planting Contractor is to provide the quality, size, source, species and variety of plantings indicated in the Construction Drawings, complying with applicable requirements of ANSI Z60.1 "American Standard for Nursery Stock". The delivered herbaceous plugs are to be freshly dug.
 - a. Plugs are grown in containers, which is what makes them plugs. If they are freshly dug, they are bare roots. Do you want plugs or bare roots? Plugs are better because they typically do not bring invasives in with them.

Response: Plugs are what is wanted for this project. An addendum has been added to address this comment and remove the freshly dug portion.

b. Protective covering is to be provided during delivery, and care is to be taken not to herbaceous plugs. *I don't know what is trying to be said here. Is it important?*

Response: The addendum updates this section to state that the herbaceous plugs will be protected during transport.

c. Herbaceous plugs must have a minimum root collar diameter (RCD) of 1-2 inches or as indicated in the Construction Drawings. Are we talking trees or plugs? Do you mean the pots the plugs are grown in should be 2-inch pots or 2-inch cells in trays? Please clarify.

Response: The 1-2 inch diameter plugs will measured at the root collar. This dimension will be the actual plug and not the container or tray.

Matthew Shoesmith, P.E.

Kimley-Horn and Associates, Inc.





ADDENDUM No. 2

April 21, 2023

ON-CALL STREAM RESTORATION AND SANITARY SEWER REPAIR

BID DATE: April 27, 2023, 2:00 PM

Proposers should acknowledge receipt of this addendum on Form 1. Failure to acknowledge receipt of this addendum may result in the proposal not being considered.

All Proposers are responsible for monitoring CLTWater's Contracting Opportunities website (https://charlottenc.gov/Water/Projects/Pages/Opportunities.aspx) for additional changes or clarifications.

MODIFICATIONS TO THE TECHNICAL SPECIFICATIONS

Section One: Common Items

Entire Document

Delete all references to:

 $https://charlottenc.gov/Water/Development/Resources/Pages/DesignManual.aspx \ Replace \ with:$

https://www.charlottenc.gov/water/DevelopmentProjects/Design-Manual

Instructions to Bidders

Article 5, Section 5.01, page 4 of 11 Delete Items B,D,E,F,G,H,J and re-letter remaining sections.

<u>Updates to 2.01 – Mobilization – Work Order</u>

Delete the following section for the items shall include:

"For permanent pavement repairs when such repairs are not included in the roadway improvements."

Add Section 2.06 – Removal and Replacement of Asphalt

The section should read as follows:

2.06 Removal/Replacement of Asphalt

Scope of Work and Description:

The work covered by this section includes all labor, equipment, and materials required completing all work associated with removal/replacement of existing asphalt as specified on the plans or as directed by the Engineer.

Materials:

The material will match NCDOT standard specifications in Division 6 Asphalt Pavements. Should the asphalt be replaced it should match the existing condition. The Contractor will inspect the asphalt as it is replaced and restored to original specifications.

Construction:

Construction methods for asphalt including the use of select backfill and ABC stone shall be in accordance with Division 6 "ASPHALT PAVEMENTS" of the NCDOT Standard Specifications and the manufacturers' recommendations.

Work covered by this special provision consists of work described in section Division 6 "ASPHALT PAVEMENTS" of the NCDOT Standard Specifications and section 250 "REMOVAL OF EXISTING PAVEMENT" for asphalt removal.

Measurement and Payment:

The quantity of Removal and Replacement of Asphalt, select backfill, and ABC stone will be the actual number of tons brought on the site for the replacement. wood fence to be removed/replaced will be the actual number of linear feet of measured from center of post to center of post, which has been completed and accepted. The quantity of gates to be measured will be per each gate which has been completed and accepted. There will be no separate measurement for incidentals as noted in NCDOT standard sections Division 6.

The quantity of asphalt, select backfill, and ABC stone will be paid under "REMOVE/REPLACE ASPHALT," "SELECT BACKFILL," and "ABC STONE" respectively.

The above prices and payments will be full compensation for all materials, labor, equipment, and incidentals necessary for removal/replacement of asphalt.

Payment will be made under:

2.06 A	REMOVE/REPLACE ASPHALT	TON
2.06 B	SELECT BACKFILL	TON
2.06 C	ABC STONE	TON

Update Section 2.06 – Traffic Control to Section 2.07

Updates to Section 7.05 – Live Stakes

Delete second paragraph under Material that says "Live Stakes and Live Cuttings shall consist of the species as indicated on Sheet 5 of 8 of the construction plans in the "Woody Vegetation – Live Staking" planting table."

Replace with "Live Stakes and Live Cuttings shall consist of the species as indicated on the future construction plans or as directed by the Engineer."

Updates to Section 7.07 – Herbaceous Plugs

Replace the material section of "The delivered herbaceous plugs are to be freshly dug. Care is to be taken to protect foliage and root systems from sun scald, drying, sweating, whipping, and other handling and typing damage. The plantings are not to be bent or bind-tied in such a matter as to destroy their natural shape. Protective covering is to be provided during delivery, and care is to be taken not to herbaceous plugs." with the following:

"The delivered herbaceous plugs are to be fresh. Care is to be taken to protect foliage and root systems from sun scald, drying, sweating, whipping, and other handling and typing damage. The plantings are not to be bent or bind-tied in such a matter as to destroy their natural shape. Protective covering is to be provided during delivery, and care is to be taken not to damage herbaceous plugs."

Replace Measurement and Payment section with the following:

"The quantity of herbaceous plugs, measured as provided above, will be paid for on a contract unit price of "HERBACEOUS PLUGS." Such payment shall be full compensation for all work covered in this special provision, including, but not limited to, furnishing, preparing site, planting and related work."

Section Two: Sewer

Updates to 8.02 DIP Sanitary Sewer Pipe

Under Measurement and Payment, the linear feet of pipe will be broken down to only two instead of four options. They are now as follows:

0 to 6 Feet Deep 6.1 to 15 Feet Deep

Updates to 8.04 Reinforced Concrete Piers

Delete the following section:

"If the required penetration specified on the plans is not obtained, the Contractor will not attempt to drive a second pile at such pier location unless the Engineer has determined that the first pile will be used. A pile which will not be incorporated in the completed structure will be removed or cut off so that the top of the pile is below the concrete footing."

Updates to 8.06 Removal of Existing Utilities

Delete "The Method of Measurement Section" and Replace with:

"The quantity of flowable fill and cement grout used for plugging of abandoned pipe, will be measured for the payment at the contract unit price per cubic yard used to fill the abandoned sewer pipe.

The quantity of manholes and pipes removed, as required and accepted, will be measured for payment at the contract unit price per tonnage removed of Sewer Pipe and per each Sewer Manhole."

Delete "The Basis of Payment" Section and replace with:

The quantity of flowable fill and cement grout, measured as provided above, will be paid for at the contract unit price per cubic yard of "ABANDON SEWER PIPE IN PLACE."

The quantity of removed sewer pipe and sewer manholes, measured as provided above, will be paid for at the contract unit price per tonnage of "REMOVAL OF SEWER PIPE" and per each "REMOVAL OF SEWER MANHOLE" removed. The above prices and payments will be full compensation for all materials, labor, equipment, and incidentals necessary for removal or abandonment.

Payment will be made under:

8.06 A	ABANDON S	EWER PIPE IN PLACETO	N
8.06 B	REMOVAL O	F SEWER PIPETOI	N
8 06 C	REMOVAL O	F SEWER MANHOLE TO	N

Updates to 8.12 Bypass Pumping

Replace "Method of Measurement" with the following:

The quantity of Bypass Pumping system (the Pumpwatch and bypass pumps) to be measured will be actual days the system is being operated and accepted by the Engineer. The daily rate of bypass pump operating is per pump system based on its flow capacities up to and including 2 MGD. This pump system includes the primary and backup pumps along with float switch, check valve and up to and including 300 linear feet of water tight piping.

Pumps with a capacity over 2 MGD will be considered a negotiated price for material specified in once approved by Charlotte Water and the Engineer.

The quantity of additional hard piping based on the approved bypass pumping plan to be measured will be the actual number of linear feet of piping used and accepted by the Engineer beyond the initial 300 linear feet.

Replace "Measurement and Payment" with the following:

The quantity of Bypass Pump, measured as provided above, will be paid for at the contract unit price per "COST PER DAY PER PUMP SYSTEM UP TO 300 LINEAR FEET OF PIPING" and "COST PER PUMPWATCH (24/7)" separately.

The initial cost, set-up (including the multiple pumps), operation, maintenance, and monitoring of the bypass pumps is incidental to the daily operating cost of pump system.

The quantity of Hard Piping, measured as provided above, will be paid for at the contract linear feet price per "WATERTIGHT HARD PIPING" for all additional linear feet.

The above prices and payments will be full compensation for all materials, labor, equipment, and incidentals necessary for Bypass Pumping.

Payment will be made under:

8.12 A-B COST PER DAY PER PUMP SYSTEM (for specific diameter on Bid Tab) DAY
8.12 C COST PER DAY PER PUMPWATCH (24/7)
8.12 D WATERTIGHT HARD PIPING (for specific diameter on Bid Tab)LF

MODIFICATIONS TO THE BID FORM

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

This addendum **must** be acknowledged as <u>Addendum No.2</u> on the Execution of Bid/Proposal Signature Page.

Matthew Shoesmith, P.E.

Kimley-Horn and Associates, Inc.



BID TABULATION

ON-CALL STREAM RESTORATION AND SANITARY SEWER REPAIR MECKLENBURG COUNTY, NORTH CAROLINA

		SECTION ONE: COMMON ITEMS	Quanity	UNIT	UNIT PRICE	EXTENDED TOTAL
	П	SITE PREPARATION MOBILIZATION - START OF ORIGINAL CONTRACT (TOTAL AMOUNT ENTERED NOT TO EXCEED 1.5% OF OF ITEMS 2.02 THROUGH 8.13)				
2.01	A. B.	MOBILIZATION - START OF ORIGINAL CONTRACT (TOTAL AMOUNT ENTERED NOT TO EXCEED 1.5% OF OFTEMS 2.02 THROUGH 8.13) MOBILIZATION - WORK ORDER (TOTAL AMOUNT ENTERED NOT TO EXCEED 3% OF OFTEMS 2.02 THROUGH 8.13)	1	LS LS		\$
2.02		PROJECT STAKEOUT FOR CLEARING AND GRUBBING UNDERBRUSH, AS SPECIFIED	10	AC		\$
	A. B.	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	SY		\$
	1	SELECT TREE REMOVAL (6"-18"DIAMETER)	20			\$
	3	SELECT TREE REMOVAL (>30"DIAMETER)	10 10			\$
2.04	A.	REMOVE/REPLACEMENT OF FENCE OR GATE REMOVE/REPLACEMENT OF FENCE				
		SPLIT RAIL CHAIN LINK	30 30			\$
2.05	В.	REMOVE/REPLACEMENT OF GATE	50			\$
2.05	A.	ROADSIDE STRUCTURES INSTALL REPLACEMENT CONCRETE SIDEWALK	50			\$
	B.	INSTALL REPLACEMENT CONCRETE CURB EARTHWORK	50	LF		\$
3.01		GRADING (CUT, PLACE, AND COMPACT) ON-SITE ROBBOW EXCAVATION	4,000 400			\$
3.04		ROCK REMOVAL (BY DRILLING, BLASTING, OR JACK HAMMERING) STONE PLACEMENT	400			\$
4.01	П	RIP RAP				
	A. B.	NO. 5 WASHED STONE #57 STONE	10 35	TON		\$
	C. 1	MISC RIPRAP (CLASS A, CLASS B, CLASS I, & CLASS II) CIASS A	25	TON		Ś
	2	CLASS B CLASS I	50	TON TON		\$
	4	CLASS II		TON		\$
5.02	П	CHANNEL BANK AND BED PROTECTION VARIABLE CONSTRUCTED RIFFLE				
	A. B.	CONTRUCTED RIFFLE ROCK AND ROLL RIFFLE	850 200	SY		\$
5.03 5.04	H	BOULDER J-HOOK VANE LOG VANE OR LOG J-HOOK VANE	200	LF		\$
	A.	LOG VANE	200	LF		\$
5.05	В.	LOG J-HOOK VANE STEP-POOL STRUCTURES	200 1200	SY		\$
5.06 5.07	₩	ROCK CROSS VANE LOG SILL	200 20	EA		\$
5.08	#	ROCK SILL TOE PROTECTION	20			\$
	A. B.	TOE PROTECTION-BOULDER	20 500			\$
5.1	В.	TOE PROTECTION-RIP RAP TOE WOOD	300	LF		\$
5.11 5.12		SOIL LIFTS STEEL SHEET PILE BANK PROTECTION	500 2700			\$
5.13	ш	ARTICULATING CONCRETE BLOCKS EROSION CONTROL	450	SF		\$
6.01		TEMPRORY CONSTRUCTION ENTRANCE TEMPORARY HAUL/ACCESS ROADS - GRAVEL	20 2000			\$
6.03		TEMPORARY UTILITY MAT PROTECTION				
	B.	TEMPORARY STEEL MAT TEMPORARY MUD MAT	100 400	SY		\$
6.05		TEMPORARY SILT FENCE TEMPORARY TREE PROTECTION/SAFETY FENCE	10000 5000	LF LF		\$
6.07 6.08		TEMPORARY STREAM/DITCH CROSSING COIR FIBER MATTING	20	EA		\$
0.00	A.	COIR FIBER MATTING-400G	3000	SY		\$
	B. C.	COIR FIBER MATTING-700G COIR FIBER MATTING-900G	4000 500			\$
6.09		TEMPORARY SEED AND MULCH STREAM BYPASS PUMP	20	AC		\$
	A. B.	STREAM BYPASS PUMP-AROUND OPERATION 2-INCH PUMP STREAM BYPASS PUMP-AROUND OPERATION 4-INCH PUMP	120 90	DAY		\$
6.11	C.	STREAM BYPASS PUMP-AROUND OPERATION 6-INCH PUMP		DAY		\$
6.13		SPECIAL STILLING BASIN TEMPORARY ROCK SILT CHECK	20	EA		\$
7.03		PERMANENT SEEDING-RIPARIAN	26000			\$
7.04 7.05	+	PERMANENT SEEDING-NON-RIPARIAN LIVE STAKES	26000 3000			\$
7.06 7.07		TUBELINGS HERBACEOUS PLUGS	200 90	EΑ		\$
7.08		TOP SOIL	600	CY		\$
7.09		SECTION TWO: SEWER	10000	51		\$
	П	FOR INSTALLING NEW PVC SEWERS TO REPLACE EXISTING SEWERS FROM MANHOLE TO MANHOLE, EITHER IN THE SAME				
8.01		FOR INSTALLING NEW PVC SEWERS TO REPLACE EXISTING SEWERS FROM MANHOLE TO MANHOLE, EITHER IN THE SAME TRENCH ON IN NEW LOCATIONS, AS SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFIED BEDIONS REQUIREMENTS, AS SPECIFIED, COMMETER IN PLACE				
8.01	A. B.	FOR INSTALLING NEW PVC SEWERS TO REPLACE EXISTING SEWERS FROM MANHOLE TO MANHOLE, EITHER IN THE SAME TRENCH ON IN NEW LOCATIONS, AS SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFIED BEDIONG REQUIREMENTS, AS SPECIFIED, COMPLETE IN PLACE 4° PVC SANITARY SEWER 4° PVC SANITARY SEWER ALTERAL CONNECTION	100 10	EA		5 5
8.01	A. B. C.	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 SPECIFIED BEDIONS REQUIREMENTS, AS SPECIFIED, COMPLETE IN PLACE 1º PVC SANITARY SEWER 1º PVC SANITARY SEWER LATERAL CONNECTION 1º PVC CLEAN OUT		EA		\$ \$ \$
8.01	C.	FOR INSTALLING NEW PVC SEWERS TO REPLACE EXISTING SEWERS FROM MANHOLE TO MANHOLE, EITHER IN THE SAME TRENCH OR IN NEW LOCATIONS, AS SPECIFED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFED BEDIONG REQUIREMENTS, AS SPECIFED, COMPLETE IN PLACE 4° PVC SANITARY SEWER 4° PVC SANITARY SEWER TO REPLACE EXISTING SEWERS FROM MANHOLE TO MANHOLE, EITHER IN THE SAME PVC CLEAN COUNTY OF THE SAME SEWERS TO REPLACE EXISTING SEWERS FROM MANHOLE TO MANHOLE, EITHER IN THE SAME PERCHO REN IN WOLCATIONS, VARIOUS DIAMETERS AS SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFED BEDIONG REQUIREMENTS, CCTV OF NEW AND EXISTING SEWERS, ANTI-SEPE COLLARS, INCLUDING COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFED, COMPLETE IN PLACE	10	EA		
	C. A. 1	FOR INSTALLING NEW PVC SEWERS TO REPLACE EXISTING SEWERS FROM MANHOLE TO MANHOLE, EITHER IN THE SAME TRENCH OR IN NEW LOCATIONS, AS SPECIFED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFED BEDIONG REQUIREMENTS, AS SPECIFED, COMPLETE IN PLACE 4° PVC SANITARY SEWER 4° PVC SANITARY SEWER LATERAL CONNECTION 4° PVC CLEAN COULD FEWERS TO REPLACE EXISTING SEWERS FROM MANHOLE TO MANHOLE, EITHER IN THE SAME PRENCH OR IN NEW LOCATIONS, VARIOUS DIAMPTERS AS SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFED BEDIONG REQUIREMENTS, CCTV OF NEW AND EXISTING SEWERS, ANTI-SEPE COLLARS, NULLIDING COMMETTE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFIED, COMPLET IN PLACE 8° DID SEWER (CLASS 350)	10	EA EA		
	A. 1	FOR INSTALLING NEW PVC SEWERS TO REPLACE EXISTING SEWERS FROM MANHOLE TO MANHOLE, EITHER IN THE SAME TRENCH ON IN NEW LOCATIONS, AS SPECIFIED BELOW, VARIOUS DEPTHS, BACKPILLING WITH EXCAVATED SOIL, ALL SPECIFIED BEDIONG REQUIREMENTS, AS SPECIFIED, COMPLETE IN PLACE 4° PVC SANITARY SEWER AT SEWER AT SEME ALL CONNECTION 4° PVC SANITARY SEWER AT SEME ALL CONNECTION 4° PVC SANITARY SEWER AT SEME ALL CONNECTION 4° PVC SANITARY SEWER AT SEME ALL CONNECTION 5° PVC SANITARY SEWER AT SEME ALL CONNECTION 4° PVC SANITARY SEWER AT SEME ALL CONNECTION 5° PVC SANITARY SEWER AT SEME ALL CONNECTION 6° PVC SANITARY SEWER AT SEME ALL CONNECTION 10° PVC SANITARY SERVER AND OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS, AS SPECIFIED, COMPATE IN PLACE 2° PVC SANITARY SERVER AND OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS, AS SPECIFIED, COMPATE IN PLACE 2° PVC SANITARY SERVER AT SEME ALL CONNECTION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS, AS SPECIFIED, COMPATE IN PLACE 2° PVC SANITARY SERVER AND SERVER AS SPECIFIED SERVER AS SPECIFIED SERVER AND SERVER AS SPECIFIED SERVER AS SPEC	10	EA EA		
	A. 1 2 B. 1	FOR INSTALLING NEW PVC SEWERS TO REPLACE EXISTING SEWERS FROM MANHOLE TO MANHOLE, EITHER IN THE SAME TRENCH ON IN NEW LOCATIONS, AS SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFIED BEDDION REQUIREMENTS, AS SPECIFIED, COMPLETE IN PLACE 4° PVC SANITARY SEWER AT SEWER AT SEME ALL CONNECTION 4° PVC SANITARY SEWER AT SEME ALL CONNECTION 5° PVC SANITARY SEWER ALL CONNECTION OF SEWER SEWERS, ANTI-SEEP COLLARS, INCLUDING COMPLETE RESTORATION OF GRASSES AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS, AS SPECIFIED, COMPLETE IN PLACE 5° D'PS SEWER (CLASS 330) 10° OF SETE DEEP 10° DE SEWER (CLASS 330)	100 100 100 100	EA EA LF LF LF		
	A. 1 2 B. 1 2 C.	FOR INSTALLING NEW PVC SEWERS TO REPLACE EXISTING SEWERS FROM MANHOLE TO MANHOLE, EITHER IN THE SAME TRENCH ON IN NEW LOCATIONS, AS SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFIED BEDIONG REQUIREMENTS, AS SPECIFIED, COMPLETE IN PLACE 4° PVC SANITARY SEWER AT SEWER AT SEME ALL CONNECTION 4° PVC SANITARY SEWER AT SEME ALL CONNECTION 4° PVC SANITARY SEWER AT SEME ALL CONNECTION 5° PVC SANITARY SEWER AT SEME ALL CONNECTION 4° PVC SANITARY SEWER AT SEME ALL CONNECTION 6° PVC SANITARY SEWER AT SEME ALL CONNECTION 6° PVC SANITARY SEWER AT SEME ALL CONNECTION 6° PVC SANITARY SEWER AT SEME ALL CONNECTION 10° CICKET OF SEWER SEME ALL CONNECTION 10° CICKET OF SEWER SEME ALL CONNECTION 10° CICKET OF SEWER SEME ALL CONNECTION 10° DE SEWER SEME ALL SEME ALL CONNECTION 10° DE SEWER SEME ALL SEME ALL CONNECTION 10° DE SEWER SEME ALL S	100 100 100 100 100 100	EA EA LF LF LF LF LF LF		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
	A. 1 2 8. 1 2 C. 1	FOR INSTALLING NEW PVC SEWERS TO REPLACE EXISTING SEWERS FROM MANHOLE TO MANHOLE, EITHER IN THE SAME TRENCH OR IN NEW LOCATIONS, AS SPECIFED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFED BEDOING REQUIREMENTS, AS SPECIFED, COMPLETE IN PLACE 4° PVC SANITARY SEWER 4° PVC CLEAN OUT 5° PVC CLEAN OUT 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 SPECIFED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFED BEDOING REQUIREMENTS, CCTV OF NEW AND EXISTING SEWERS, ANTI-SEEP COLLARS, INCLUDING COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFED, COMPLETE IN PLACE 8° DIP SEWER (CLASS 350) TO FRET DEEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 10° DIP SEWER (CLASS 350) TO 6 PEET DEEP	100 100 100 100	EA EA LF		5 5 5
	A. 1 2 B. 1 2 C. 1 1 2 D.	FOR INSTALLING NEW PVC SEWERS TO REPLACE EXISTING SEWERS FROM MANHOLE, EITHER IN THE SAME TRENCH ON IN NEW LOCATIONS, AS SPECIFED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFED BEDOING REQUIREMENTS, AS SPECIFED, COMPLETE IN PLACE **P PC SANITARY SEWER **P PC CLEAN OUT **FOR CLEAN OUT *	100 100 100 100 100 100 100	EA EA LF		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
	A. 1 2 8. 1 2 C. 1 2 D. 1	FOR INSTALLING NEW PVC SEWERS TO REPLACE EXISTING SEWERS FROM MANHOLE, EITHER IN THE SAME TRENCH ON IN NEW LOCATIONS, AS SPECIFED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFED BEDOING REQUIREMENTS, AS SPECIFED, COMPLETE IN PLACE 4° PVC SANITARY SEWER 4° PVC SANITARY SEWER AT SEWERS TO REPLACE EXISTING SEWERS FROM MANHOLE TO MANHOLE, EITHER IN THE SAME PVC CLEAN OUT 5° PVC CLEAN OUT FOR INSTALLING NEW DIP SEWERS TO REPLACE EXISTING SEWERS FROM MANHOLE TO MANHOLE, EITHER IN THE SAME TRENCH OR IN IN EVOLOCATIONS, VARIOUS DIAMETERS AS SPECIFED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFED BEDOING REQUIREMENTS, CCTV OF NEW AND EXISTING SEWERS, ANTI-SEEP COLLARS, INCLUDING COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFED, COMPLETE IN PLACE 8° DIP SEWER (CLASS 300) 10° OF RETO EEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 10° OP SEWER (CLASS 300) 10° OF RETO EEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 10° OF SEWER (CLASS 300) 10° OF RETO EEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 10° OF SEWER (CLASS 300) 10° OF RETO EEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 10° DE SEWER (CLASS 300) 10° OF SETE DEEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 10° OF SEWER (CLASS 300) 10° OF SETE DEEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 10° OP SEWER (CLASS 300) 10° OF SETE DEEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 10° OP SEWER (CLASS 300) 10° OF SETE DEEP	100 100 100 100 100 100	EA EA LF		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
	A. 1 2 8 1 2 C. 1 2 2 D. 1 2 2 E. 1 1	FOR INSTALLING NEW PVC SEWERS TO REPLACE EXISTING SEWERS FROM MANHOLE, EITHER IN THE SAME TRENCH ON IN NEW LOCATIONS, AS SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFIED BEDOING REQUIREMENTS, AS SPECIFIED, COMPLETE IN PLACE **P PC SANITARY SEWER **P PC CLEAN OUT **FOR CLEAN OUT	100 100 100 100 100 100 100 100 100 100	EA EA LF		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
	C. A. 1 1 2 2 B. 1 2 2 C. 1 1 2 2 E. 1 1 2 2 F.	FOR INSTALLING NEW PVC SEWERS TO REPLACE EXISTING SEWERS FROM MANHOLE, EITHER IN THE SAME TRENCH ON IN NEW LOCATIONS, AS SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFED BEDOING REQUIREMENTS, AS SPECIFIED, COMPLETE IN PLACE 4° PVC SANITARY SEWER 4° PVC SANITARY SEWER AT SERVER AS SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFIED REPLACE EXISTING SEWERS FROM MANHOLE TO MANHOLE, EITHER IN THE SAME TRENCH OR IN IN EVOLOCATIONS, VARIOUS DIAMETERS AS SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFIED BEDOING REQUIREMENTS, CCTV OF NEW AND EXISTING SEWERS, ANTI-SEEP COLLARS, INCLUDING COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFIED, COMPLETE IN PLACE 8° DIP SEWER (CLASS 300) 10° OF RETO ELEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 10° OP SEWER (CLASS 300) 10° OF RETO ELEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 10° OF SEWER (CLASS 300) 10° OF RETO ELEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 10° OF SEWER (CLASS 300) 10° OF RETO ELEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 20° OF SEWER (CLASS 300) 10° OF SETE DEEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 20° OP SEWER (CLASS 300) 20° OF SEWER (CLASS 300)	100 100 100 100 100 100 100 100 100 100	EA EA LF		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	C. A. 1 2 2 B. B. 1 2 2 C. C. 1 2 2 E. E. 1 2 2 E. F. 1 1 1 2 2	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 SPECIFIED BEDONG REQUIREMENTS, AS SPECIFIED, COMPLETE IN PLACE 4" PVC SANITARY SEWER 4" PVC SANITARY SEWER AT THE ALL CONNECTION 4" PVC CLEAN DUT 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 RESTONATION OF GRASSES AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFIED, COMPLETE IN PLACE 5" DP SEWER (CLASS 350) 10" OF FEET DEEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP ADD ON COSTS FOR RACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP ADD ON COSTS FOR RACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP ADD ON COSTS FOR RACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP ADD ON COSTS FOR RACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP ADD ON COSTS FOR RACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP ADD ON COSTS FOR RACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP ADD ON COSTS FOR RACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP ADD ON COSTS FOR RACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP ADD ON COSTS FOR RACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP ADD ON COSTS FOR RACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP ADD ON COSTS FOR RACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP ADD ON COSTS FOR RACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP ADD ON COSTS FOR RACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP ADD ON COSTS FOR RACH VERTICAL FOOT FOR DEPT	100 100 100 100 100 100 100 100 100 100	EA EA LF		5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	C. A. A. 1 2 2 8. 8. 1 1 2 2 C. 1 1 2 2 F. 1 1 2 2 G. G.	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 SPECIFED BEDDION REQUIREMENTS, AS SPECIFIED, COMPLETE IN PACE 4" PVC SAINTARY SEWER 4" PVC SAINTARY SEWER AT SEWER AT SEWERS TO REPLACE EXISTING SEWERS FROM MANHOLE TO MANHOLE, EITHER IN THE SAME TRENCH OR IN NEW LOCATIONS, VARIOUS DIAMETERS AS SPECIFED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFED 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 ITEMS, AS SPECIFIED, COMPLETE IN PLACE 5" DP SEWER (LASS 350) OTO 6 FEET DEEP ADD ON COSTS FOR EACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 10" OP SEWER (LASS 350) OTO 6 FEET DEEP ADD ON COSTS FOR BACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 10" OP SEWER (LASS 350) OTO 6 FEET DEEP ADD ON COSTS FOR BACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 10" OP SEWER (LASS 350) OTO 6 FEET DEEP ADD ON COSTS FOR BACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 20" OP SEWER (LASS 350) OTO 6 FEET DEEP ADD ON COSTS FOR BACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 20" OP SEWER (LASS 350) OTO 6 FEET DEEP ADD ON COSTS FOR BACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 20" OP SEWER (LASS 350) OTO 6 FEET DEEP ADD ON COSTS FOR BACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 20" OP SEWER (LASS 350) OTO 6 FEET DEEP ADD ON COSTS FOR BACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 20" ON SEWER (LASS 350) OTO 6 FEET DEEP ADD ON COSTS FOR BACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 20" ON SEWER (LASS 350) OTO 6 FEET DEEP ADD ON COSTS FOR BACH VERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 20" OP SEWER (LASS 350) OTO 6 FEET DEEP ADD ON COSTS F	100 100 100 100 100 100 100 100 100 100	EA LF LF LF LF LF LF LF LF LF L		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	C. A. A. 12 2 8 B. 11 2 2 C. C. 11 2 2 E. 12 2 G. G. 11 2 2 G. G. 11 2 2 C.	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 SPECIFIED BEDONG REQUIREMENTS, AS SPECIFIED, COMPLETE IN PLACE 4° PVC SAINTARY SEWER 4° PVC SAINTARY SEWER 4° PVC SAINTARY SEWER LATERAL CONNECTION 4° PVC CLEAN OUT 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 SPECIFED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFIED BEDDING REQUIREMENTS, CCTV OF NEW AND EXISTING SEWERS, ANTI-SEEP COLLARS, INCLUDING COMPLETE RESTORATION OF GRASSES AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS, AS SPECIFIED, COMPLETE IN PLACE 5° DP SEWER (CLASS 350) OTO 6 FEET DEEP ADD ON COSTS FOR BACH WERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 10° DP SEWER (CLASS 350) OTO 6 FEET DEEP ADD ON COSTS FOR BACH WERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 10° DP SEWER (CLASS 350) OTO 6 FEET DEEP ADD ON COSTS FOR BACH WERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 10° DP SEWER (CLASS 350) OTO 6 FEET DEEP ADD ON COSTS FOR BACH WERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 10° DP SEWER (CLASS 350) OTO 6 FEET DEEP ADD ON COSTS FOR BACH WERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 20° DP SEWER (CLASS 350) OTO 6 FEET DEEP ADD ON COSTS FOR BACH WERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 20° DP SEWER (CLASS 350) OTO 6 FEET DEEP ADD ON COSTS FOR BACH WERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 20° DP SEWER (CLASS 350) OTO 6 FEET DEEP ADD ON COSTS FOR BACH WERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 20° DP SEWER (CLASS 350) OTO 6 FEET DEEP ADD ON COSTS FOR BACH WERTICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 20° DP SEWER (CLASS 350) OTO 6 FEET DEEP ADD ON COSTS FOR BACH WERTICAL FOOT FOR DEPTHS FROM	100 100 100 100 100 100 100 100 100 100	EA EA LF		5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	C. A. 1 2 2 8 8 1 2 2 C. D. 1 1 2 2 F. E. 1 1 2 2 G. G. 1 1 2 2 H.	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 SPECIFIED BEDONG REQUIREMENTS, AS SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFIED BETONG REQUIREMENTS, AS SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL AND SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL ON THE SEPARATE BID UNDER SEPARATE BID ON THE SEPARATE BID ON TO SEPET DEEP 10° DIP SEWER (CLASS 350) 10° DIS FEET DEEP ADD ON COSTS FOR BACH WERRICAL FOOT FOR DEPTHS FROM 6.1 FEET DEEP TO 15 FEET DEEP 20° DIP SEWER (CLASS 350) 10° DIP SEWER (CLASS 350)	100 100 100 100 100 100 100 100 100 100	EA LF LF LF LF LF LF LF LF LF L		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
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1		A.	8	" DIAMETER (GRADE "B") STEEL SEWERS	1	FΔ		4	
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A 1 STREAM ORGAN CONCRETE TEST AND A STREAM ORGAN CONTRACTOR CONTR	-		F	OR INSTALLING REINFORCED CONCRETE PIERS, ANY LOCATION, AS SPECIFIED IN ACCORDANCE TO CLTW DETAIL, COMPLETE	20	LF		>	-
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1 1 1 1 1 1 1 1 1 1	9.00								
2 WITE SECOND CONT PARAMORES AND CONTEST C	8.08	A.							
1		- 2) V	/ITH 24" CAM-LOCK WATERTIGHT COVER				\$	
5 ABOUND COST PARAMORES ON A PART OF DEPOSIT AND STORY AND STOR		3	() A	DD ON COST IF MANHOLE IS IN PAVED AREA (ADD ON ITEMS (A)(1) AND (A)(2) ABOVE) AYMENT FOR EACH VERTICAL FOOT OVER 6 FEET (ADD ON TO ITEMS (A)(1) AND (A)(2) ABOVE)				\$	-
1 WITH SP FOUND CORPORATION 2 6 5 5) A	DD ON COST IF MANHOLE IS A FLAT-TOP (ADD ON ITEMS (A)(1) AND (A)(2) ABOVE)				\$	-
3 AND OW COLD'S AND AMONOURS OR IN PAPER DISEASE AND OWN TITLES BEIGHT AND RESPONSED TO THE COLOR OF THE COLOR OWN THE COLOR) V	/ITH 30" SOLID COVER				\$	-
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1 WITH 35 YOUR COVERT WAS AND COVER AS A CONTINUE CITES AND CI								\$	
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1 1 1 1 1 1 1 1 1 1		4	I) P	AYMENT FOR EACH VERTICAL FOOT OVER 6 FEET (ADD ON TO ITEMS (C)(1) AND (C)(2) ABOVE)	20	VF			-
3 20 WITH 39 CAMALOCK WATERRIGHT COVER		D.	8	FOOT DIAMETER MANHOLE UP TO 6 FEET IN DEPTH IN UNPAVED AREAS				\$	
4 ANTIMET FOR EACH VERTICAL FOOT OWNS FEET KIND ON TO THESS (CILL) AND CICIL) AND CICIL AND								\$	-
3 AD OR DICKOST # MANHOLE SA PLAT-TOP (ADD ON ITEMS (SIZE) AND (CIZE) AND								\$	-
E. DUMATER 1.3 19 of ST STRUCE LATERALS 2.2 IF STANKER 2.3 10 ST SWER 3.3 10 SWER 4.6 A. S. 3.3 10 SWER 4.6 A. S. 3.3 10 SWER 4.6 A. S. 4.6 A. S) A	DD ON COST IF MANHOLE IS A FLAT-TOP (ADD ON ITEMS (C)(1) AND (C)(2) ABOVE)				\$	-
3 35 SEMPRE		c			3				
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Column C		- 2	(1) 4 (2) 8	or 6" SERVICE LATERALS " SEWER	4 4	EA		\$ \$	-
FOR REMOVING ENSTRING MANHOLE CHIMNEY OR CONE SECTIONS DOWN TO SOLID WALL MATERIAL AND INSTALLING NEW PRECAST CONCRETE MANHOLE RISES SECTIONS TO THE SPECIFIED ELEVATION, MISTALLING A TAIL-TOP SECTION OR AS STREEMED, VANIOUS MANHOLE DRUMERS AS LISTED BLOW, ANY LOCATION, MAY WEIGHT OF NEW MANHOLE RISES SECTIONS REQUIRED, MAKEVILLING WITH ELECATOR SOLID MEMBERS AS LISTED BLOW, ANY LOCATION, MAY WEIGHT OF NEW MANHOLE RISES SECTIONS REQUIRED, MAKEVILLING WITH ELECATOR SOLID MEMBERS AS LISTED BLOW, ANY LOCATION, MAY WEIGHT OF NEW MANHOLE CHIMNEY OR CONE SECTION AND INSTALL NEW A-FOOT-DIAMETER RISES SECTIONS TO THE SPECIFIED OR REQUIRED SELVATION, PAYMENT FOR SECTION AND INSTALL NEW A-FOOT-DIAMETER RISES SECTIONS TO THE SPECIFIED OR REQUIRED SELVATION, PAYMENT FOR SECTION WITH SECTION AND INSTALL NEW A-FOOT-DIAMETER RISES SECTIONS TO THE SPECIFIED OR REQUIRED SELVATION, PAYMENT FOR SECTION WATER DIAMETER. BEMOVE EXISTING MANHOLE CHIMNEY OR CONE SECTION AND INSTALL NEW S-FOOT-DIAMETER RISES SECTIONS TO THE SPECIFIED OR REQUIRED SELVATION, PAYMENT FOR SECTION WATER DIAMETER. BEMOVE EXISTING MANHOLE CHIMNEY OR CONE SECTION AND INSTALL NEW S-FOOT-DIAMETER RISES SECTIONS TO THE SPECIFIED OR REQUIRED SELVATION, PAYMENT FOR SECH VEHICLE FOOT OR NEW RECAST RISES NISTALLED 2 OF INSTALL PRACTICAL ORDING SECTION WITH A 30° CAMALOCK WATERTIGHT COVER 3 IN STALL 3-FOOT-DIAMETER MANHOLES. 4 IN STALL 3-FOOT-DIAMETER MANHOLES. 5 IN STALL 3-FOOT-DIAMETER MANHOLES. 5 IN STALL 3-FOOT-DIAMETER MANHOLES. 6 IN STALL 3-FOOT-DIAMETER MANHOLES. 7 IN STALL 3-FOOT-DIAMETER MANHOLES. 8 IN		1	(1) 4 (2) 8 (3) 1	'or 6" SERVICE LATERALS SEWER "SEWER "SEWER	4 4	EA EA		\$	- - -
A EXISTING 4-FOOT DIAMETER MANHOLES 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 1 INSTALL REAT-TOP WITH A 22" CAM-LOCK WATERTIGHT COVER 2 INSTALL REAT-TOP WITH A 22" CAM-LOCK WATERTIGHT COVER 5 EA 5 8. BL SEXTING 5-FOOT DIAMETER MANHOLES 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 1 INSTALL REAT-TOP WITH A 20" CAM-LOCK WATERTIGHT COVER 2 INSTALL REAT-TOP WITH A 20" CAM-LOCK WATERTIGHT COVER 3 INSTALL SFOOT-LONG CONE SECTION WITH A 70" CAM-LOCK WATERTIGHT COVER 4 INSTALL REAT-TOP WITH A 20" CAM-LOCK WATERTIGHT COVER 5 EA 5 6 EA 5		3	(1) 4 (2) 8 (3) 1 (4) 1 (5) 1	"or 6" SERVICE LATERALS SEMER 0" SEWER 5" SEWER 5" SEWER	4 4 4 4	EA EA EA		\$	-
REMOVE EXISTING MANHOLE CHIMMEY OR CONE SECTION AND INSTALL NEW 4-POOT-DIAMETER RISER SECTIONS TO THE SPECIFIED OR REQUIRED LEEVATION, PAYMENT FOR EACH VERTICAL FOOT OF NEW PRECAST RISER INSTALLED 10 VF S 11 INSTALLA FACTOP WITH A 28" CAMA-LOCK WATERTIGHT COVER 12 INSTALLA FACTOP ON THOSE AS "CAMA-LOCK WATERTIGHT COVER SED		3	D D D D D D D D D D D D D D D D D D D	"OF STERRICE LATERALS "SEWER "STEWER "	4 4 4 4	EA EA EA		\$	-
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B. EMSTRING S-FOOT DIAMETER MANHOLES REMOVE EXISTING MANHOLE CHIMMEY OR CORE SECTION AND INSTALL NEW S-FOOT-DIAMETER RISER SECTIONS TO THE SPECIFICA OR REQUIRED ELEVATION, PAYMENT FOR EACH VERTICAL FOOT OF NEW PRECAST RISER INSTALLED 10 VF \$ \$ 13 INSTALL FLAT-TOP WITH A 30" CAM-LOCK WATERTIGHT COVER \$ 5 2 DIASTING S-FOOT DIAMETER MANHOLES REMOVE EXISTING MANHOLE CHIMMEY OR CORE SECTION AND INSTALL NEW S-FOOT-DIAMETER RISER SECTIONS TO THE SPECIFIED AND IN ACCORDANCE WATERTIGHT COVER \$ 5 2 DIASTING S-FOOT DIAMETER MANHOLES REMOVE EXISTING MANHOLE CHIMMEY OR CORE SECTION AND INSTALL NEW S-FOOT-DIAMETER RISER SECTIONS TO THE SPECIFIED AND IN ACCORDANCE WATERTIGHT COVER \$ 5 2 INSTALL FLAT-TOP WITH A 30" CAM-LOCK WATERTIGHT COVER \$ 5 3 INSTALL FLAT-TOP WITH A 30" CAM-LOCK WATERTIGHT COVER \$ 5 5 EA \$ 5 5 FA \$ 5 6 FOR INSTALLIA S-FOOT-LONG CORE SECTION WITH A 30" CAM-LOCK WATERTIGHT COVER \$ 5 7 FOR INSTALLIA S-FOOT-LONG CORE SECTION WITH A 30" CAM-LOCK WATERTIGHT COVER \$ 5 8.10 10 VF \$ 5 10 VF \$ 5 11 ONLY INSTALL S-FOOT-LONG CORE SECTION WITH A 30" CAM-LOCK WATERTIGHT COVER \$ 5 12 INSTALL FLAT-TOP WITH A 30" CAM-LOCK WATERTIGHT COVER \$ 5 13 INSTALL FLAT-TOP WITH A 30" CAM-LOCK WATERTIGHT COVER \$ 5 14 OF AN INSTALLIA S-FOOT-LONG CORE SECTION WITH A 30" CAM-LOCK WATERTIGHT COVER \$ 5 15 EA \$ 5 16 OF AN INSTALLIA SOUTH SHOW WE WATER TO SHAP WATER TO THE VEHT PIPE OF THE VEHT PIPE OF THE VEHT PIPE OF THE VEH PIPE OF	8.09	3	D D D D D D D D D D	"OF SERVICE LATERALS "SEWER "S	4 4 4 4 2 2	EA EA EA EA EA		\$	
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REMOVE EXISTING MANHOLE CHIMNEY OR CONE SECTION AND INSTALL NEW 6-FOOT-DIAMETER RISER SECTIONS TO THE SPECIFIED OR REQUIRED LEEVATION, PAYMENT FOR EACH VERTICAL FOOT OF NEW PRECAST RISER INSTALLED 10 VF 5 2) INSTALL FART-TOP WITH A 30° CAM-LOCK WATERTIGHT COVER 5 S 5 EA 5 S 6 A 6 S 7 S 7 S 7 S 7 S 7 S 7 S 7 S 7 S 7 S 7		A	D D D D D D D D D D	"OF STERRICE LATERALS STEWER "OT SEWER "OT SEW	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	EA EA EA EA EA EA VF EA EA		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	- - - - - - -
1 SPECIFIED OR REQUIRED LEEVATION, PAYMENT FOR EACH VERTICAL FOOT OF NEW PRECAST RISER INSTALLED 10 VF 2 INSTALL FACT-TOP WITH A 30" CAM-LOCK WATERTIGHT COVER 3 INSTALL FACT-TOP WITH A 30" CAM-LOCK WATERTIGHT COVER 5 EA 5 S 6 RA 6 S 6 RO 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 OPTOTROM OF THE VERTICAL HEIGHT INSTALLED MEASURED FROM THE OPTOTROM OF THE VERTICAL HEIGHT INSTALLED MEASURED FROM THE OPTOTROM OF THE VERTICAL HEIGHT INSTALLED MEASURED FROM THE OPTOTROM OF THE VERTICAL HEIGHT INSTALLED MEASURED FROM THE OPTOTROM OF THE PIPE TO THE VENT PIPE OF THE VENT		A	D D D D D D D D D D	"OF STERRICE LATERALS STEWER "OF SEWER "OF SEW	4 4 4 4 4 4 4 4 4 2 2 2 2 2 2 2 2 2 2 2	EA EA EA EA EA EA EA EA VF EA EA		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
1 1 1 10 VF		A	C C C C C C C C C C	"OF STENICE LATERALS STEWER 7'S SEWER 7'S SEWER 7'S SEWER 7'S SEWER 7'S SEWER 8'S SEWER 9'S SEWER 10'S SEWER 1	4 4 4 4 4 4 4 4 4 2 2 2 2 2 2 2 2 2 2 2	EA EA EA EA EA EA EA EA VF EA EA		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
3 INSTALLIAN REW YETERNAL DROP CONNECTION AT IN A 30" CAMA-LOCK WATERTICHT COVER FOR INSTALLING NEW YEAT 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 OF DENING. 10 FOR INSTALLING NEW YET PIPES AT EXSTINS CHORN, ANY LOCATION, ANY HEIGHT, AS SPECIFIED AND IN ACCORDANCE WITH CHARLOTTE WATER STANDARD SPECIFICATIONS AND DETAILS. 10 VF S S OF THE STANDARD SPECIFICATION SAND EXTRACT, CONTRETE IN PLACE. 11 FOR INSTALLING NEW YETERNAL DROP CONNECTION AT NEW OR EXISTING MANHOLES, DUTLIE IRON BROPS ONLY, VARIOUS DROP PIE DIAMETERS AND LENGTHS, COMPLETE BY STANDARD SPECIFICATION OF GRASSED AREAS (RESTORTION OF PAVED AREAS PAID UNIDER SPRARATE BID ITEMS), AS SPECIFIED, COMPLETE IN PLACE. 12 DIAMED WE SEVER WE SEVER SEVER SEVER AND SPECIFICATION OF THE VENT PIPE OF THE WE SHICK SEVER TO CONNECT TO DESIGN ON NEW SEVER SEVER AND LINGUIS SEVER THAN SEET, PRAYMEN FOR FEAR VERTICAL FROM POP CONNECTION 4 EA S S 1 DIAMED WE SEVER TO CONNECT TO DESIGN ON NEW SEVER B. 13 DIAMED WE SEVER SEVER SEVER SEVER SEVER AND TO TIEM (A[1]) OR (B[1]) ABOVE S S 1 DIAMED SEVER TO CONNECT TO DESIGN ON NEW SEVER SEVER TO CONNECT TO DESIGN ON NEW SEVER SEVER TO CONNECT TO DESIGN ON NEW SEVER SEVER SEVER SEVER SEVER TO CONNECT TO DESIGN ON NEW SEVER SE		A	C C C C C C C C C C	"OF SERVICE LATERALS "SEWER "OF SEWER FOR REMOVING EXISTING MANHOLE CHIMNEY OR CONE SECTIONS DOWN TO SOLID WALL MATERIAL AND INSTALLING NEW RECAST CONCRETE MANHOLE RISER SECTIONS TO THE SPECIFIED ELEVATION, INSTALLING A FLAT-TOP SECTION OR A TARDADRO CONE SECTION AS SPECIFIED LOW ANDION SAMAHOLE DIAMPERS AS ISSEED BELOW, ANY LOCATION, ANY HEIGHT OF FEW 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 KASTING 4-FOOT DIAMETER MANHOLES EMOVE EXISTING MANHOLE CHIMNEY OR CONE SECTION AND INSTALL NEW 4-FOOT-DIAMETER RISER SECTIONS TO THE EMOVE EXISTING MANHOLE CHIMNEY OR CONE SECTION AND INSTALL NEW 4-FOOT-DIAMETER RISER SECTIONS TO THE STALL 3-TOP LONG CONE SECTION WITH A 24" CAM-LOCK WATERTIGHT COVER SYSTALL 3-TOP LONG CONE SECTION WITH A 24" CAM-LOCK WATERTIGHT COVER SYSTALL SHATOT-LONG CONE SECTION WITH A 30" CAM-LOCK WATERTIGHT COVER STALL SHATOT-LONG CONE SECTION WITH A 30" CAM-LOCK WATERTIGHT COVER SYSTALL SHATOT-LONG CONE SECTION WITH A 30" CAM-LOCK WATERTIGHT COVER SYSTALL SHATOT-LONG CONE SECTION WITH A 30" CAM-LOCK WATERTIGHT COVER SYSTALL SHATOT-LONG CONE SECTION WITH A 30" CAM-LOCK WATERTIGHT COVER SYSTALL SHOOT-LONG CONE SECTION WITH A 30" CAM-LOCK WATERTIGHT COVER SYSTALL SHOOT-LONG CONE SECTION WITH A 30" CAM-LOCK WATERTIGHT COVER SYSTALL SHOOT-LONG CONE SECTION WITH A 30" CAM-LOCK WATERTIGHT COVER SYSTALL SHOOT-LONG CONE SECTION WITH A 30" CAM-LOCK WATERTIGHT COVER SYSTALL SHOOT-LONG CONE SECTION WITH A 30" CAM-LOCK WATERTIGHT COVER SYSTALL SHOOT-LONG CONE SECTION WITH A 30" CAM-LOCK WATERTIGHT COVER SYSTALL SHOOT-LONG CONE SECTION WITH A 30" CAM-LOCK WATERTIGHT COVER SYSTALL SHOOT-LONG CONE SECTION WITH A 30" CAM-LOCK WATERTIGHT COVER SYSTALL SHOOT-LONG CONE SECTION WITH A 30" CAM-LO	10 5 5 5	EA EA EA EA EA EA VF EA EA EA		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	-
STANDARD SPECIFICATIONS AND DETAILS, COMPLETE IN PLACE. PAYMENT TO BE MADE BASED ON THE VERTICAL HEIGHT INSTALLED MEASURED FROM THE BOTTOM OF THE VET PIPE TO THE VENT PIPE OF DENIEN. A. A. COCRDANCE WITH CHARLOTTE WATER STANDARD SPECIFICATIONS AND DETAILS. FOR INSTALLING NEW VENT PIPES IN NEW FLAT-TOP SECTIONS, ANY LOCATION, ANY HEIGHT, AS SPECIFIED AND IN A. A. COCRDANCE WITH CHARLOTTE WATER STANDARD SPECIFICATIONS AND DETAILS. FOR INSTALLING NEW WENT PIPES A RESTINGM ANAMHOLES, ANY LOCATION, ANY HEIGHT, AS SPECIFIED AND IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND DETAILS, COMPLETE IN PLACE. FOR INSTALLING NEW EXTERNAL DROP CONNECTIONS AT NEW OR EXISTING MANHOLES, DUCTLIE IRON DROPS ONLY, VARIOUS DROP PIPE DIAMETERS AND LENGTHS, COMPLETE IN PLACE. 8.11 8.1		A	C C C C C C C C C C	"OF STERRICE LATERALS "SEWER "OF SEWER "OF SEW	10 10 10 10 10 10	EA E		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
8.10 INSTALLED MEASURED FROM THE BOTTOM OF THE VENT PIPE TO THE VENT PIPE TO THE VENT PIPE OF NEW SENTER A. A. CACORDANCE WITH CHARLOTTE WATER STANDARD SPECIFICATIONS, ANY LOCATION, ANY HEIGHT, AS SPECIFIED AND IN A B. WITH THE STANDARDS SPECIFICATIONS AND DETAILS. COMPLETE IN PLACE. FOR INSTALLING NEW VENT PIPES AT EXISTING MANHOLES, ANY LOCATION, ANY HEIGHT, AS SPECIFIED AND IN ACCORDANCE WITH THE STANDARDS SPECIFICATIONS AND DETAILS, COMPLETE IN PLACE. FOR INSTALLING NEW EXTERNAL DROP CONNECTIONS AT NEW OR EXISTING MANHOLES, DUTLIE IRON DROPS ONLY, VARIOUS DROP PIPE INMERTERS AND LEMSTHS, COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SPARATE BID ITEMS), AS SPECIFIED, COMPLETE IN PLACE. 8. INCH EXTERNAL DROP CONNECTION AT NEW OR EXISTING MANHOLES, DUTLIE IRON DROPS ONLY, VARIOUS DROP PIPE INMERTER BY A SECURITY OF THE VARIANCE OF THE VARIANCE BY A SECURITY OF THE VARIANCE BY A SECURI		A	C C C C C C C C C C	"OF STEWNICE LATERALS STEWER 7" SEWER 7" SEWER 7" SEWER 7" SEWER 7" SEWER 7" SEWER 8" STEWER 7" SEWER 8" STEWER 8" STEWER 8" STEWER 9" SEWER 9" SEW	10 10 5 5 5 5 10 10 5 5 5 5	EA EA EA EA EA EA VF EA EA VF EA EA EA		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
A. A. A. A. CACOBANCE WITH FIRES IN NEW FLAT-TOP SECTIONS, ANY LOCATION, ANY HEIGHT, AS SPECIFIED AND IN A. A. CACOBANCE WITH CHARILOTTE WATER STANDARDS SPECIFICATIONS AND DEFAILS 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. FOR INSTALLING NEW EXTERNAL DROP CONNECTIONS AT NEW OR EXISTING MANHOLES, DUTTLE IRON DROPS ONLY, VARIOUS DROP PIPE DIAMETERS AND LENGTHS, COMPLETE IN PLACE. 8.11 8.1NCH EXTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES INCLUDING 10 FEET OF NEW 8-INCH SEWER TO CONNECT TO EXIST OR NEW SEWER 1.1 DIRON UP TO 6 FEET IN VERTICAL LENGTH AT A NEW/EXISTING MANHOLE, COST PER DROP CONNECTION 4 EA 5 1.2 DIRON GREATER HAN 6 FEET, PAYMENT FOR EACH VERTICAL EOOT OVER 6 FEET, ADD TO ITEM (A[1]) OR (8[1]) AROVE 1. DIRON CHART STANDARD CONNECTION A NEW OR EXIST MANHOLES INCLUDING 10 FEET OF NEW 8-INCH SEWER TO CONNECT 1. TO EXIST OR NEW SEWER 1. TO EXEST O		A	D D D D D D D D D D	"OF STEWNER "OF SEWER "OF	10 10 5 5 5 5 10 10 5 5 5 5	EA EA EA EA EA EA VF EA EA VF EA EA EA		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
B. FOR INSTALLING NEW VERT PIPES AT EXISTING MANHOLES, ANY LOCATION, ANY HEIGHT, AS SPECIFIED AND IN ACCORDANCE B. 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 INMERTERS AND LEMSTRYS, COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SPARATE BID ITEMS), AS SPECIFIED, COMPLETE IN PLACE. 8.11 8.11 8.11 8.11 1.		A	D D D D D D D D D D	"OF SERVICE LATERALS SSEWER 7" SEWER 7" SEWER 7" SEWER 7" SEWER 7" SEWER 7" SEWER 8" SEWER 8" SEWER 8" SEWER 8" SEWER 9" SEWER 9" SEWER 9" SEWER 9" SEWER 10" SEWER 10	10 10 5 5 5 5 10 10 5 5 5 5	EA EA EA EA EA EA VF EA EA VF EA EA EA		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
FOR INSTALLING NEW EXTERNAL DROP CONNECTIONS AT NEW OR EXISTING MANHOLES, DUCTILE IRON DROPS ONLY, VARIOUS BROP PIPE DIAMETERS AND LEMGINS, COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFIED, COMPLETE IN PLACE. A. SINCH EXTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES INCLUDING 10 FEET OF NEW 8-INCH SEWER TO CONNECT TO EXIST OR NEW SEWER 3. J DROP GREATER THAN SETTINAL ENGITH AT A NEW/EXISTING MANHOLE, COST PER DROP CONNECTION 4 EA S 3. J DROP GREATER THAN SETTINAL SECTION OF OR EXIST MANHOLES INCLUDING 10 FEET OF NEW 8-INCH SEWER TO CONNECT 5 TO EXIST OR NEW SEWER 8. T DE SEXT OR NEW SEWER 1. TO EXIST OR NEW SEWER		A	C C C C C C C C C C	"OF STEWNER "OF SEWER "OF	10 5 5 5 5	EA E		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
VARIOUS DROP PIPE DIAMETERS AND LENGTHS, COMPLETE RESTORATION OF GRASSE AREAS (RESTORATION OF PAVED AREAS PAID UNDER SPARATE BID ITEMS), AS SPECIFIED, COMPLETE IN PLACE. 8.11 8. INCH EXTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES INCLUDING 10 FEET OF NEW 8-INCH SEWER TO CONNECT A. TO EXIST OR NEW SEWER 1.1) DROP UP TO 6 FEET IN VERTICAL LENGTH AT A NEW/EXISTING MANHOLE, COST PER DROP CONNECTION 4. EA. S 7.2) DROP GREATER THAN 5 FEET, PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET, ADD TO TIEM (A)[1], OR (B)[2] ABOVE 1. JOINCH EXTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES INCLUDING 10 FEET OF NEW 8-INCH SEWER TO CONNECT 1. TO EXIST OR NEW SEWER 1. TO EXIST OR NEW SEWER		A	D D D D D D D D D D	"OF STEWNER "OF SEWER "OF	10 10 5 5 5	EA E		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
8.11 B-INCH EXTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES INCLUDING 10 FEET OF NEW B-INCH SEWER TO CONNECT A, TO EXIST OR NEW SEWER S 1) DROP UP TO 6 FEET IN VERTICAL LENGTH AT A NEW/EXISTING MANHOLE, COST PER DROP CONNECTION 4 EA 5 2) DROP GREATER THAN 6 FEET, PARMENT FOR EACH VERTICAL FOOT OVER 6 FEET, ADD TO TIEM (A)(1) OR (B)(2) ABOVE 10 VE 5 10-INCH EXTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES INCLUDING 10 FEET OF NEW B-INCH SEWER TO CONNECT 10 EXIST OR NEW SEWER TO CONNECT 10 EXIST		A	D D D D D D D D D D	"OF STENDER AT STRUCE LATERALS "SEWER "O" SEWER "O" SEWE	10 10 5 5 5	EA E		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
B-INCH EXTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES INCLUDING 10 FEET OR NEW 8-INCH SEWER TO CONNECT 1. DE MOST OR NEW SEWER 1. DI DROP UP TO G FEET IN VERTICAL LENGTH AT A NEWEXESTING MANHOLE, COST PER DROP CONNECTION 2. DI DROP GREATER THAN 6 FEET, PAWHENF FOR FACH VERTICAL FOOT OVER 6 FEET, ADD TO IT IEM, (14) (10) OR (18):2) ABOVE 1. DI-INCH EXTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES INCLUDING 10 FEET OF NEW 8-INCH SEWER TO CONNECT 1. DE MOST OR NEW SEWER 1. DE MOST OR		A	C C C C C C C C C C	"OF SERVICE LATERALS "SEWER ")" SEWER ")" SEWE	10 10 5 5 5	EA E		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
1) DROP UP TO 6 FEET IN VERTICAL LENGTH AT A NEW/EXISTING MANHOLE, COST PER DROP CONNECTION 4 EA \$ 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 \$ 10-INCH EXTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES INCLUDING 10 FEET OF NEW 8-INCH SEWER TO CONNECT 8. IT DEMST OR NEW SEWER	8.10	A	C C C C C C C C C C	"OF STEWNER "OF SEWER "OF	10 10 5 5 5	EA E		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
10-INCH EXTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES INCLUDING 10 FEET OF NEW 8-INCH SEWER TO CONNECT B. TO EXIST OR NEW SEWER	8.10	A	C D D D D D D D D D	"OF SEWER BY	10 10 5 5 5	EA E		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
B. TO EXIST OR NEW SEWER	8.10	A	C C C C C C C C C C	"OF SEWER BY	100 5 5 5 5 100 100 100 100 100 100 100 100 100 100	EA EA EA VF EA		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
	8.10	A	C C C C C C C C C C	"OF SEWER "OF SE	100 5 5 5 5 100 100 100 100 100 100 100 100 100 100	EA EA EA VF EA		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	

		DESCRIPTION	Quanity	UNIT	UNIT PRICE	EXTENDED TOTAL
	Т	12-INCH EXTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES INCLUDING 10 FEET OF NEW 8-INCH SEWER TO CONNECT				
	l c.	TO EXIST OR NEW SEWER				
	Ť	1) DROP UP TO 6 FEET IN VERTICAL LENGTH AT A NEW/EXISTING MANHOLE, COST PER DROP CONNECTION	4	EA		Ś -
	_	2) DROP GREATER THAN 6 FEET, PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET, ADD TO ITEM (C)(1) OR (C)(2) ABOVE		VF		Š -
	+	2) biol diester mirroret, i simeri foresci etiment for otter ett., sob fortem (e)(2) store	10	**		7
		FOR PERFORMING BYPASS PUMPING BASED UP TO AND INCLUDE 2 MGD CAPACITY, ALL OTHER BYPASS PUMPING TO BE				
8.12		NEGIOTATED FOR A WORK CHANGE DIRECTIVE				
	Α.	COST PER DAY PER 0-1 MGD PUMP	5	DAY		4
	В.	COST PER DAY PER 1.01-2 MGD PUMP		DAY		\$ -
	C.	COST PER PUMPWATCH (24/7)		DAY		\$ -
	D	COST PER FOOT OF HARD PIPING WITH ALL NECESSARY WATERTIGHT CONNECTIONS	,	DATE		\$ -
	١,	1) 6" HARD PIPING	200	16		Ś -
	+	2) 8" HARD PIPING	200			\$ -
	+	Z) is there is no	200	LF		-
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				
	-100	1) IN EXISTING 4 FOOT DIAMETER MANHOLES - ANY SPECIFIED MATERIAL	10	VF		ς -
	+	2) IN EXISTING 4 FOOT DIAMETER MANHOLES - HYDROGEN SULFIDE RESISTANT MATERIAL AS SPECIFIED		VF		Ś -
	+	3) IN EXISTING 4 FOOT DIAMETER MANHOLES - MY SPECIFIED MATERIAL		VF		\$.
	+	4) IN EXISTING 5 FOOT DIAMETER MANHOLES - HYDROGEN SULFIDE RESISTANT MATERIAL AS SPECIFIED		VF		\$ -
	+	5) IN EXISTING 6 FOOT DIAMETER MANHOLES - ANY SPECIFIED MATERIAL 5) IN EXISTING 6 FOOT DIAMETER MANHOLES - ANY SPECIFIED MATERIAL		VF		
	+	IN EXISTING 6 FOOT DIAMETER MANHOLES - HYDROGEN SULFIDE RESISTANT MATERIAL AS SPECIFIED		VF VF		\$ - \$ -
	+			VF		\$ -
	-	7) IN EXISTING 8 FOOT DIAMETER MANHOLES - ANY SPECIFIED MATERIAL				
	-	8) IN EXISTING 8 FOOT DIAMETER MANHOLES - HYDROGEN SULFIDE RESISTANT MATERIAL AS SPECIFIED	10	VF		\$ -
		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				
	B.	PLACE				
		1) EXISTING INTERNAL 4-FOOT DIAMETER MANHOLES		VF		\$ -
		2) EXISTING INTERNAL 5-FOOT DIAMETER MANHOLES		VF		\$ -
	Т	3) EXISTING INTERNAL 6-FOOT DIAMETER MANHOLES	10	VF		\$ -
	Т	4) EXISTING INTERNAL 8-FOOT DIAMETER MANHOLES	10	VF		\$ -
		SECTION THREE: UNSPECIFIED TIME AND MA	TEDIAL			
	_		IENIAL			
9.01		LABOR REGULAR TIME				
		A. CONTRACTOR PROJECT MANAGER		HR		\$ -
		B. SUPERINTENDENT w/CDL		HR		\$ -
		C. EQUIPMENT OPERATOR w/CDL	40	HR		\$ -
		D. PIPE LAYER W/CDL	40			\$
	t	D. PIPE LAYER W/CDL E. LABORER W/CDL		HR		\$ -
9.02	ŧ					
9.02	A.	E. LABORER W/CDL	40			
9.02	A. B.	E. LABORER W/CDL VEHICLES	40	HR		\$ -
9.02		E. LABORER W/CDL VEHICLES UP TO CLASS 7 ENCLOSED CREW SUPPORT TRUCK, UNLIMITED MILEAGE	5 5	HR		\$ -
9.02	B.	E. LABORER W/CDL VENCES UP TO CLASS 7 ENCLOSED CREW SUPPORT TRUCK, UNLIMITED MILEAGE UP TO CLASS 7 OUMP TRUCK, UNLIMITED MILEAGE UP TO CLASS 7 ANE ROOT PAT EQ. UNLIMITED MILEAGE UP TO CLASS 7 ANE ROOT PAT EQ. UNLIMITED MILEAGE	5 5 5	DAY DAY DAY		\$ - \$ - \$ - \$ -
9.02	B. C.	E. LABORER W/CDL VEHICLE UP TO CLASS 7 ENCLOSED CREW SUPPORT TRUCK, UNLIMITED MILEAGE UP TO CLASS 7 OLIMP TRUCK, UNLIMITED MILEAGE UP TO CLASS 7 STAKE BODY FLAT BED, UNIMITED MILEAGE UP TO CLASS 7 STAKE BODY FLAT BED, UN	5 5 5 5	DAY DAY DAY DAY		\$ - \$ - \$ -
9.02	D.	E. LABORER W/CDL VEHICLES UP TO CLASS 7 ENCLOSED CREW SUPPORT TRUCK, UNLIMITED MILEAGE UP TO CLASS 7 DUMP TRUCK, UNLIMITED MILEAGE UP TO CLASS 7 ATRA EBODY FATE RED, UNLIMITED MILEAGE 12-TON CAPACITY TRAILER, UNLIMITED MILEAGE LASS 2 OR 3 TRUCK, CLASS 4 HOTEV, UNLIMITED MILEAGE	5 5 5 5 5	DAY DAY DAY DAY DAY		\$ - \$ - \$ - \$ - \$ - \$ -
9.02	B. C. D. E.	E. LABORER W/CDL VEHICLES UP TO CLASS 7 ENCLOSED CREW SUPPORT TRUCK, UNLIMITED MILEAGE UP TO CLASS 7 DUMP TRUCK, UNLIMITED MILEAGE UP TO CLASS 7 STAKE BODY FATE BLO, UNLIMITED MILEAGE 12-TON CAPACITY TRAILER, UNLIMITED MILEAGE CLASS 2 OR 3 TRUCK, CASS 4 HICH, UNLIMITED MILEAGE CLASS 2 OR 3 TRUCK, CASS 4 HICH, UNLIMITED MILEAGE SOLAR POWERED ARROW BOARD (QUIET)	5 5 5 5 5	DAY DAY DAY DAY		\$ - \$ - \$ - \$ - \$ - \$ -
9.02	D.	E. LABORER W/CDL VEHICLES UP TO CLASS 7 ENCLOSED CREW SUPPORT TRUCK, UNLIMITED MILEAGE UP TO CLASS 7 DUMP TRUCK, UNLIMITED MILEAGE UP TO CLASS 7 STAKE BOOT PAT BE ON, UNLIMITED MILEAGE 12-TON CAPACTY TRAILER, UNLIMITED MILEAGE 12-TON CAPACTY TRAILER, UNLIMITED MILEAGE CLASS 2 OR 3 TRUCK, CLASS 4 THICK, UNLIMITED MILEAGE SOAR POWERED ARROW BOARD (QUIET) ROAD TRACTOR AND TRAILER ROAD TRACTOR AND TRAILER	5 5 5 5 5 5	DAY DAY DAY DAY DAY DAY DAY		\$ - \$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
9.02	B. C. D. E.	E_LABORRE W/CDL VEHICLES UP TO CLASS 7 FUND TRUCK, UNLIMITED MILEAGE UP TO CLASS 7 DUMP TRUCK, UNLIMITED MILEAGE UP TO CLASS 7 STATKE TRAILER, UNLIMITED MILEAGE UP TO CLASS 7 STATKE TRAILER, UNLIMITED MILEAGE 12-TON CLASS 7 STATKE TRAILER, UNLIMITED MILEAGE CLASS 2 OR 3 TRUCK ACROSS 64 HTCH, UNLIMITED MILEAGE CLASS 2 OR 3 TRUCK ACROSS 64 HTCH, UNLIMITED MILEAGE SOLAR POWER ACROSS 64 HTCH, UNLIMITED MILEAGE 10-12 TO TRAILER 11 12-25 TON CLAOM WEIGHT, UNIMITED MILEAGE	40 5 5 5 5 5 5 5	DAY DAY DAY DAY DAY DAY DAY DAY		\$ - \$ - \$ 5
9.02	B. C. D. E. F.	E. LABORER W/CDL VEHICLES UP TO CLASS 7 ENCLOSED CREW SUPPORT TRUCK, UNLIMITED MILEAGE UP TO CLASS 7 DUMP TRUCK, UNLIMITED MILEAGE UP TO CLASS 7 DUMP TRUCK, UNLIMITED MILEAGE 12-TON CAPACITY TRAILER, UNLIMITED MILEAGE 12-TON CAPACITY TRAILER, UNLIMITED MILEAGE CLASS 2 OR 3 TRUCK, CLASS 4 THICK, UNLIMITED MILEAGE SOLAR POWERED ARROW BOARD (QUIET) ROAD TRAICTOR AND TRAILER 11 12-25 TON LOAD WEIGHT, UNIMITED MILEAGE 12 25.01 - 5 TON LOAD WEIGHT, UNIMITED MILEAGE 25 25.01 - 5 TON LOAD WEIGHT, UNIMITED MILEAGE 25 25.01 - 5 TON LOAD WEIGHT, UNIMITED MILEAGE	40 5 5 5 5 5 5 5 5	DAY DAY DAY DAY DAY DAY DAY DAY DAY		\$ - \$ - \$ 5
	B. C. D. E.	E_LABORER W/CDL VEHICLES UP TO CLASS 7 FUNCIOSED CREW SUPPORT TRUCK, UNLIMITED MILEAGE UP TO CLASS 7 DUMP TRUCK; UNLIMITED MILEAGE UP TO CLASS 7 DUMP TRUCK; UNLIMITED MILEAGE UP TO CLASS 7 STAYK FROMER FUNCION	40 5 5 5 5 5 5 5 5	DAY DAY DAY DAY DAY DAY DAY DAY		\$ - \$ - \$ 5
9.02	B. C. D. E. F. G.	E. LABORER W/CDL VEHICLES UP TO CLASS 7 ENCLOSED CREW SUPPORT TRUCK_UNLIMITED MILEAGE UP TO CLASS 7 STAKE BOOF FAR THE CONLIMITED MILEAGE UP TO CLASS 7 STAKE BOOF FAR THE CONLIMITED MILEAGE 12-TON CAPACITY TRAILER, UNLIMITED MILEAGE 12-TON CAPACITY TRAILER, UNLIMITED MILEAGE CLASS 2 CAP STAKE, CLASS 4 THE CONLIMITED MILEAGE SOLAR POWERED ARROW BOARD (QUIET) ROAD TRAICTOR AND TRAILER 11 12-25 TON LOAD WEIGHT, UNIMITED MILEAGE 12-50.1-50 TON LOAD WEIGHT, UNLIMITED MILEAGE CLASS 8 DUMP TRUCK, UNLIMITED MILEAGE CLASS 8 DUMP TRUCK, UNLIMITED MILEAGE CLASS 8 DUMP TRUCK, UNLIMITED MILEAGE	40 5 5 5 5 5 5 5 5 5 40 40	DAY DAY DAY DAY DAY DAY DAY DAY HR		\$ - \$ - \$ 5
	B. C. D. E. F. G.	E_LABORER W/CDL UP TO CLASS 7 FUNCIOSED CREW SUPPORT TRUCK, UNLIMITED MILEAGE UP TO CLASS 7 FUNCIOSED CREW SUPPORT TRUCK, UNLIMITED MILEAGE UP TO CLASS 7 FUNCIONED FUNCIONED MILEAGE UP TO CLASS 7 STAYK FROILER FUNCIONED MILEAGE UP TO CLASS 7 STAYK FROILER FUNCIONED MILEAGE LOSAS ROWER DARROW CLASS BOARD (QUILITE) SOLD TRACTOR AND TRAILER 10 23-25 TO AND TRACTOR AND TRAILER 11 2-25 TO AND TRAILER 12 2-5.15 S DOUND TRAUCK, UNLIMITED MILEAGE 12 2.5.15 S DOUND TRAUCK, UNLIMITED MILEAGE MACHINERY SEARCATOR MACHINERY SEARCATOR MACHINERY SEARCATOR	40 5 5 5 5 5 5 5 5 40 40 40	HR DAY		\$ - \$ - \$ 5
	B. C. D. E. F. G.	E. LABORER W/CDL VEHICLES UP TO CLASS 7 ENCLOSED CREW SUPPORT TRUCK_UNLIMITED MILEAGE UP TO CLASS 7 STACK DESCRIPTION OF TRUCK_UNLIMITED MILEAGE UP TO CLASS 7 STACK BOOF FLAT BEO, UNLIMITED MILEAGE 12-TON CHAPACTY TRAILER, UNLIMITED MILEAGE 12-TON CHAPACTY TRAILER, UNLIMITED MILEAGE CLASS 2 CAR TRUCK, CLASS 4 HICK, UNLIMITED MILEAGE SOLAR POWERED ARROW BOARD (QUET) MOAD TRACTOR AND TRAILER 1) 12-25 TON LOAD WEIGHT, UNIMITED MILEAGE CLASS 8 DUMP TRUCK, UNLIMITED MILEAGE CLASS 8 DUMP TRUCK, UNLIMITED MILEAGE CLASS 8 DUMP TRUCK, UNLIMITED MILEAGE MINI CLASS AND NABROW AND 1/4 - 1/3 CY BUCKETS J SMALL CLASS AND NABROW AND 1/4 - 1/3 CY BUCKETS J SMALL CLASS AND 1/2 AND 1/4 S PUBLICKETS	40 5 5 5 5 5 5 5 5 5 40 40 40 40	HR DAY		\$ - \$ - \$ 5
	B. C. D. E. F. G.	E_LABORER W/CDL UP TO CLASS 7 FUNCIOSED CREW SUPPORT TRUCK, UNLIMITED MILEAGE UP TO CLASS 7 FUNCIOSED CREW SUPPORT TRUCK, UNLIMITED MILEAGE UP TO CLASS 7 FUNCIONED FUNCIONED MILEAGE UP TO CLASS 7 STAYK FROILER FUNCIONED MILEAGE UP TO CLASS 7 STAYK FROILER FUNCIONED MILEAGE LOSAS ROWER DARROW CLASS BOARD (QUILITE) SOLD TRACTOR AND TRAILER 10 23-25 TO AND TRACTOR AND TRAILER 11 2-25 TO AND TRAILER 12 2-5.15 S DOUND TRAUCK, UNLIMITED MILEAGE 12 2.5.15 S DOUND TRAUCK, UNLIMITED MILEAGE MACHINERY SEARCATOR MACHINERY SEARCATOR MACHINERY SEARCATOR	40 5 5 5 5 5 5 5 5 5 40 40 40 40	HR DAY		\$ - \$ - \$ 5
	B. C. D. E. F. G.	E. LABORER W/CDL VEHICLES UP TO CLASS 7 ENCLOSED CREW SUPPORT TRUCK_UNLIMITED MILEAGE UP TO CLASS 7 STACK DESCRIPTION OF TRUCK_UNLIMITED MILEAGE UP TO CLASS 7 STACK BOOF FLAT BEO, UNLIMITED MILEAGE 12-TON CHAPACTY TRAILER, UNLIMITED MILEAGE 12-TON CHAPACTY TRAILER, UNLIMITED MILEAGE CLASS 2 CAR TRUCK, CLASS 4 HICK, UNLIMITED MILEAGE SOLAR POWERED ARROW BOARD (QUET) MOAD TRACTOR AND TRAILER 1) 12-25 TON LOAD WEIGHT, UNIMITED MILEAGE CLASS 8 DUMP TRUCK, UNLIMITED MILEAGE CLASS 8 DUMP TRUCK, UNLIMITED MILEAGE CLASS 8 DUMP TRUCK, UNLIMITED MILEAGE MINI CLASS AND NABROW AND 1/4 - 1/3 CY BUCKETS J SMALL CLASS AND NABROW AND 1/4 - 1/3 CY BUCKETS J SMALL CLASS AND 1/2 AND 1/4 S PUBLICKETS	40 5 5 5 5 5 5 5 5 5 40 40 40 40	HR DAY		\$ - \$ - \$ 5
	B. C. D. E. F. G.	E_LABORE W/CDL VEHICLES UP TO CLASS 7 FOLKOPED CREW SUPPORT TRUCK, UNLIMITED MILEAGE UP TO CLASS 7 TOLKEP TRUCK, UNLIMITED MILEAGE UP TO CLASS 7 STAKE BODY FLAT BED, UNLIMITED MILEAGE 12-TON CARACTY FROMEY, UNLIMITED MILEAGE CLASS 2 OR 3 TRUCK, CLASS 4 HITCH, UNLIMITED MILEAGE CLASS 2 OR 3 TRUCK, CLASS 4 HITCH, UNLIMITED MILEAGE SOLAR POWERFAL WINNINTED MILEAGE SOLAR POWERFAL WINNINTED MILEAGE 11 12-25 TON CARD WEIGHT, UNLIMITED MILEAGE 21 25 CLASS 5 DUMP WEIGHT, UNLIMITED MILEAGE CLASS 5 DUMP SUFFER WINNITED MILEAGE 21 25 CLASS 5 DUMP SITCH, UNLIMITED MILEAGE (LASS 5 DUMP SITCH, UNLIMITED MILEAGE MACHICASS AND MARROW AND 1/4 - 1/3 CY BUCKETS 11 SMALI CLASS AND ARROW AND 1/4 - 1/3 CY BUCKETS 11 SMALI CLASS AND 1/2 AND 3/4 CY BUCKETS 12 MEDIUM CLASS AND 1/2 AND 3/4 CY BUCKETS 13 MEDIUM CLASS AND 1/2 AND 3/4 CY BUCKETS	40 5 5 5 5 5 5 5 5 5 40 40 40 40 5 5 5 5	HR DAY DAY DAY DAY DAY DAY DAY DA		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	B. C. D. E. F. G.	E. LABORER W/CDL VEHICLES UP TO CLASS 7 ENCLOSED CREW SUPPORT TRUCK, UNLIMITED MILEAGE UP TO CLASS 7 STAKE BOOF FAR THE TRUCK UNLIMITED MILEAGE UP TO CLASS 7 STAKE BOOF FAR BO, UNLIMITED MILEAGE 12-TON CAPACITY TRAILER, UNLIMITED MILEAGE 12-TON CAPACITY TRAILER, UNLIMITED MILEAGE SOLAR POWERED ARROW BOARD (QUIET) ROAD TRACTOR AND TRAILER 11 12-25 TON LOAD WEIGHT, UNIMITED MILEAGE 12 25.01 - 5 TON LOAD WEIGHT, UNIMITED MILEAGE CLASS 8 DUMP TRUCK, UNLIMITED MILEAGE CLASS 8 DUMP TRUCK, UNLIMITED MILEAGE CLASS 8 DUMP TRUCK, UNLIMITED MILEAGE MINI CLASS AND NABROW AND 1/4 - 1/3 CY BUCKETS 1 SMALL CLASS AND 1/2 AND 1/4 FUICKETS 1 MACINICARS AND 1/2 AND 1/4 FUICKETS 1 MEDIUM CLASS AND 1 CY BUCKET SUB-bold Sub-bold Sub-bold Sub-bold	40 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	HR DAY		\$ - \$ - \$ - \$ - \$ 5 - \$
	B. C. D. E. F. G.	E_LABORE W/CDL VEHICLES UP TO CLASS 7 FOLKOPED CREW SUPPORT TRUCK, UNLIMITED MILEAGE UP TO CLASS 7 TOLKEP TRUCK, UNLIMITED MILEAGE UP TO CLASS 7 STAKE BODY FLAT BED, UNLIMITED MILEAGE 12-TON CARACTY FROMEY, UNLIMITED MILEAGE CLASS 2 OR 3 TRUCK, CLASS 4 HITCH, UNLIMITED MILEAGE CLASS 2 OR 3 TRUCK, CLASS 4 HITCH, UNLIMITED MILEAGE SOLAR POWERFAL WINNINTED MILEAGE SOLAR POWERFAL WINNINTED MILEAGE 11 12-25 TON CARD WEIGHT, UNLIMITED MILEAGE 21 25 CLASS 5 DUMP WEIGHT, UNLIMITED MILEAGE CLASS 5 DUMP SUFFER WINNITED MILEAGE 21 25 CLASS 5 DUMP SITCH, UNLIMITED MILEAGE (LASS 5 DUMP SITCH, UNLIMITED MILEAGE MACHICASS AND MARROW AND 1/4 - 1/3 CY BUCKETS 11 SMALI CLASS AND ARROW AND 1/4 - 1/3 CY BUCKETS 11 SMALI CLASS AND 1/2 AND 3/4 CY BUCKETS 12 MEDIUM CLASS AND 1/2 AND 3/4 CY BUCKETS 13 MEDIUM CLASS AND 1/2 AND 3/4 CY BUCKETS	40 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	HR DAY DAY DAY DAY DAY DAY DAY DA	тоты	\$