## PIPELINE REHABILITATION PIGGYBACK AGREEMENT NO. 12376

#### **BETWEEN**

## CITY OF POMPANO BEACH, FLORIDA

#### **AND**

## INSITUFORM TECHNOLOGIES, LLC

	THIS AGREEMENT is made and entered into this	day of _	,
20	("Effective Date") by and between:		

**CITY OF POMPANO BEACH**, a municipal corporation organized and existing under the laws of the State of Florida, having its principal office at 100 W. Atlantic Blvd., Pompano Beach, Florida 33060, referred to here as "City."

and

**INSITUFORM TECHNOLOGIES, LLC,** a Delaware limited liability company whose mailing address is 580 Goddard Avenue, Chesterfield, MO 63005, ("Contractor").

City and Contractor may also be referred to individually as a "Party" and collectively as the "Parties."

## WITNESSETH:

**WHEREAS**, the City's Utilities Department wishes to enter into this Agreement for Cured in Place Pipe (CIPP) Pipeline Rehabilitation Services (hereinafter "Agreement") with Contractor within the limits of the City of Pompano Beach on an as-needed basis, when requested by the City through a written Notice to Proceed; and

**WHEREAS**, Section 32.41(C) of the City Code provides authority for the City Manager to piggyback City purchase of goods and services with state or local public contracts within certain codified guidelines, which guidelines have been met; and

**WHEREAS**, the parties wish to incorporate the terms and conditions of the solicitation and contractual arrangement between the Texas Association of School Boards, Inc. ("TASB") and

Contractor in accordance with TASB's Agreement, a copy of which is attached hereto as Exhibit A, and adopted in its entirety by City and Contractor (hereinafter "Contract"), together with and including contract renewals, amendments and change orders to the extent applicable; and

**WHEREAS,** the City Manager has determined that piggybacking with the TASB Agreement is necessary for pipeline rehabilitation, and is the most economically advantageous way to procure these necessary materials, products, and/or services in a timely and efficient manner.

**NOW THEREFORE**, in consideration of the mutual covenants set forth in this Agreement and other good and valuable consideration, the receipt and sufficiency of which is acknowledged, the parties agree as follows:

- 1. **RECITATIONS.** The foregoing "WHEREAS" clauses are adopted and incorporated in this Agreement.
- 2. **TERM.** The Term of this Agreement shall be for a period of three (3) years from the date of execution by both the City and the Contractor.
- 3. **AS-NEEDED SERVICES.** Contractor agrees to provide Cured in Place Pipe (CIPP) Pipeline Rehabilitation Services within the city limits of the City of Pompano Beach on an as-needed basis, as requested by City through a written Notice to Proceed. The Contract is incorporated into this Agreement for all purposes. In the event of conflict between the Contract and this Agreement, the order of priority shall be: (1) this Agreement; and then (2) the Contract.

The following provisions are included as supplementary to and amending the Contract:

- A. City shall pay Contractor no more than the unit prices set forth in the Contract and in accordance with the provisions of the Contract, not to exceed a total amount of two million dollars (\$2,000,000.00) per approved term this Agreement is in place.
- B. If the City requires services not covered by unit prices already made a part of the Contract, by and through a separate agreement, the Contractor shall submit a detailed written proposal to the authorized City representative before providing any such services.
- C. If permits are required as part of the Cured in Place Pipe (CIPP) Pipeline Rehabilitation Services, Contractor shall submit complete and accurate permit applications to all applicable permitting agencies within five (5) days of receiving all documents from City necessary to file such permit applications. City's Utilities Department shall pay all permit and related fees directly to the permitting agencies, including any permit fees charged by the City.

- D. City of Pompano Beach shall be deemed substituted for TASB, with regard to any and all provisions of the Contract, including, for example and without limitation, with regard to bond requirements, insurance, indemnification, licensing, termination, default, and ownership of documents, including the additional provisions in sections D, E, and F, below. All recitals, representations and warranties of Contractor made in the Contract are restated as if fully set forth herein, made for the benefit of City, and incorporated herein.
- E. Within five (5) days of final execution of this Agreement, Contractor shall furnish City with a certificate of insurance in a form acceptable to City. Such certificate provided by Contractor must state the City will be given thirty (30) days written notice prior to cancellation or material change in coverage. A copy of the additional insured endorsement must be attached and contain language on a form no more restrictive that ISO form CG 20 10 (Additional Insured Owners, Lessees, or Contractor) combined with ISO form CG 20 37 (Additional Insured Owners Lessees or Contractors Completed Operations). Contractor shall not commence work unless and until the requirements for insurance have been fully met by Contractor and appropriate evidence, in the City's sole discretion, has been provided to and approved by the City.
- F. Contractor shall indemnify and hold harmless City, its elected officials, officers, employees and agents, from and against all claims, suits, actions, damages, causes, or action or judgments arising out of the terms of this Agreement for any personal injury, loss of life, or damage to property sustained as a result of the performance or non-performance of services, from and against any orders, judgments, or decrees, which may be entered against City, its elected officials, officers, employees and agents; and from and against all costs, attorney's fees, expenses, and other liabilities incurred in the defense of any such claim, suit, or action, and the investigation thereof. Nothing in the award, resulting agreement, contract or purchase order shall be deemed to affect the rights, privileges, and immunities of the City as set forth in Florida Statute section 768.28. The parties agree that one percent (1%) of the total compensation paid to Contractor for work under this contract shall constitute specific consideration to contractor for the indemnification to be provided under the contract.
- G. Both parties agree that City may terminate this Agreement for any reason upon three (3) days' written notice to Contractor.

## 4. PUBLIC RECORDS.

- A. The City of Pompano Beach is a public agency subject to Chapter 119, Florida Statutes. The Contractor shall comply with Florida's Public Records Law, as amended. Specifically, the Contractor shall:
- 1. Keep and maintain public records required by the City in order to perform the service.
- 2. Upon request from the City's custodian of public records, provide the City with a copy of requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes or as otherwise provided by law.

- 3. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the Contractor does not transfer the records to the City.
- 4. Upon completion of the contract, transfer, at no cost to the City, all public records in possession of the Contractor, or keep and maintain public records required by the City to perform the service. If the Contractor transfers all public records to the City upon completion of the contract, the Contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Contractor keeps and maintains public records upon completion of the contract, the Contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the City, upon request from the City's custodian of public records in a format that is compatible with the information technology systems of the City.
- B. Failure of the Contractor to provide the above described public records to the City within a reasonable time may subject Contractor to penalties under 119.10, Florida Statutes, as amended.

## PUBLIC RECORDS CUSTODIAN

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:

CITY CLERK 100 W. Atlantic Blvd., Suite 253 Pompano Beach, Florida 33060 (954) 786-4611 RecordsCustodian@copbfl.com

- 5. **ASSIGNMENT.** Neither party may assign its rights or obligations under this Agreement without the consent of the other.
- 6. **NOTICE.** Notice shall be provided in writing by certified mail return receipt requested, electronic mail, or customarily used overnight transmission with proof of delivery, to the following parties, with mandatory copies, as provided below:

For City: Gregory P. Harrison

City Manager

City of Pompano Beach

100 W. Atlantic Blvd., 4<sup>th</sup> Floor Pompano Beach, Florida 33060

Steve Almyda

Wastewater Collection Manager

City of Pompano Beach 100 W. Atlantic Blvd

Pompano Beach, Florida 33060

Copy to: Mark E. Berman

City Attorney

100 W. Atlantic Blvd., Room 467 Pompano Beach, Florida 33060

Kiandra Russ

Contract Specialist City of Pompano Beach 100 W. Atlantic Blvd

Pompano Beach, FL 33060

**For Contractor:** Kenny Boeh

Commercial Manager

3014 North US Highway 301

Suite No.700 Tampa, FL 33619

7. **GOVERNING LAW AND VENUE; WAIVER OF TRIAL BY JURY**. The Agreement shall be governed by the laws of the State of Florida, both as to interpretation and performance. The parties agree that proper venue for any suit at law or in equity attendant to this Agreement shall be instituted and maintained only in courts of competent jurisdiction in Broward County, Florida. BY ENTERING INTO THIS AGREEMENT, THE PARTIES EXPRESSLY WAIVE ANY RIGHTS EITHER PARTY MAY HAVE TO A TRIAL BY JURY OF ANY CIVIL LITIGATION RELATED TO THIS AGREEMENT.

8. **NONEXCLUSIVITY.** No remedy herein conferred upon any party is intended to be exclusive of any other remedy, and each and every such remedy shall be cumulative and in addition to every other remedy given herein, now or hereafter existing at law or in equity or by statue or otherwise.

- 9. **INDEPENDENT CONTRACTOR.** Both City and Contractor agree that Contractor is an independent contractor and not a City employee. City shall not be liable for any wages, salaries, debts, liabilities or other obligations for Contractor's employees, agents or other representatives performing obligations of Contractor. Except as otherwise provided, neither party is the agent of the other nor is authorized to act on behalf of the other in any matter.
- 10. **COMPLIANCE WITH ALL LAWS.** In the conduct of its activities under this Agreement, Contractor shall comply with all applicable federal and state laws and regulations and all applicable county and city ordinances and regulations, including, but not limited to, compliance with the Americans with Disabilities Act. Ignorance on Contractor's part shall in no way relieve Contractor from this responsibility. Contractor, at its sole expense, shall purchase all necessary licenses and permits required by the State of Florida, Broward County and the City.
- 11. **ENTIRE AGREEMENT.** This Agreement sets forth the entire agreement between Contractor and City with respect to the subject matter of this Agreement. This Agreement supersedes all prior and contemporaneous negotiations, understandings and agreements, written or oral, between the parties. This Agreement may not be modified except by the parties' mutual agreement set forth in writing and signed by the parties.
- 12. **SEVERABILITY**. If any provision of this Agreement is held to be illegal, invalid or unenforceable under any present or future law, and if the rights or obligations of any Party under this Agreement will not be materially and adversely affected thereby, such provision will be fully severable, this Agreement will be construed and enforced as if such illegal, invalid or unenforceable provision had never comprised a part hereof, the remaining provisions of this Agreement will remain in full force and effect and will not be affected by the illegal, invalid or unenforceable provision or by its severance herefrom and in lieu of such illegal, invalid or unenforceable provision, City and Contractor shall negotiate in good faith to restore insofar as practicable the benefits to each party that were affected by such ruling and to include as a part of this Agreement a legal, valid and enforceable provision as similar in terms to such illegal, invalid or unenforceable provision as may be possible.
- 13. **COUNTERPARTS.** This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

## 14. SCRUTINIZED COMPANIES.

By execution of this Agreement, in accordance with the requirements of F.S. 287.135 and F.S. 215.473, Contractor certifies that Contractor is not participating in a boycott of Israel. Contractor further certifies that Contractor is not on the Scrutinized Companies that Boycott Israel list, not on the Scrutinized Companies with Activities in Sudan List, and not on the Scrutinized Companies with Activities in Iran Terrorism Sectors List, nor has Contractor been engaged in business operations in Syria. Subject to limited exceptions provided in state law, the City will not contract for the provision of goods or services with any scrutinized company referred to above. In accordance with Section 287.135, Florida Statutes as amended, a company is ineligible to, and may not, bid on, submit a proposal for, or enter into or renew a contract with any agency or local government entity for goods or services of:

- A. Any amount if, at the time of bidding on, submitting a proposal for, or entering into or renewing such contract, the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, Florida Statutes, or is engaged in a boycott of Israel; or
- B. One million dollars (\$1,000,000.00) or more if, at the time of bidding on, submitting a proposal for, or entering into or renewing such contract, the company:
- C. Is on the Scrutinized Companies with Activities in Sudan List of the Scrutinized Companies with Activities in Iran Terrorism Sectors List, created pursuant to Section 215.473, Florida Statutes; or
- D. Is engaged in business operations in Syria.

Submitting a false certification or being placed on a list created pursuant to Section 215.473, Florida Statutes relating to scrutinized active business operations in Iran after Contractor has submitted a certification, shall be deemed a material breach of contract. The City shall provide notice, in writing, to Contractor of the City's determination concerning the false certification. Contractor shall have five (5) days from receipt of notice to refute the false certification allegation. If such false certification is discovered during the active contract term, Contractor shall have ninety (90) days following receipt of the notice to respond in writing and demonstrate that the determination of false certification was made in error. If Contractor does not demonstrate that the City's determination of false certification was made in error then the City shall have the right to terminate the contract and seek civil remedies pursuant to Section 287.135, Florida Statutes, as amended from time to time.

# 15. AFFIDAVIT OF COMPLIANCE WITH ANTI-HUMAN TRAFFICKING LAWS.

In accordance with section 787.06 (13), Florida Statutes, the undersigned, on behalf of the entity listed below ("Entity"), hereby attests under penalty of perjury that:

A. Entity does not use coercion for labor or services as defined in Section 787.06, Florida Statutes, entitled "Human Trafficking".

## 16. AFFIDAVIT OF COMPLIANCE WITH FOREIGN ENTITY LAWS.

The undersigned, on behalf of the entity listed below ("Entity"), hereby attests under penalty of perjury as follows:

- A. Entity is not owned by the government of a foreign country of concern as defined in Section 287.138, Florida Statutes.
- B. The government of a foreign country of concern does not have a controlling interest in Entity.

- C. Entity is not organized under the laws of, and does not have a principal place of business in, a foreign country of concern.
- D. Entity is not owned or controlled by the government of a foreign country of concern, as defined in Section 692.201, Florida Statutes.
- E. Entity is not a partnership, association, corporation, organization, or other combination of persons organized under the laws of or having its principal place of business in a foreign country of concern, as defined in Section 692.201, Florida Statutes, or a subsidiary of such entity.
- F. Entity is not a foreign principal, as defined in Section 692.201, Florida Statutes.
- G. Entity is in compliance with all applicable requirements of Sections 692.202, 692.203, and 692.204, Florida Statutes.
- H. The undersigned is authorized to execute this affidavit on behalf of Entity.

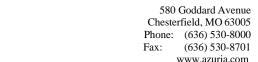
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**IN WITNESS WHEREOF**, the parties have caused this Agreement to be executed the day and year first written above.

	CITY	OF POMPANO BEACH
	By:	REX HARDIN, MAYOR
		REX TIMEDIN, MIXTOR
	By:	GREGORY P. HARRISON, CITY MANAGER
Attest:		
KERVIN ALFRED, CITY CLERK	_	(SEAL)
,,		
Approved as to Form:		
MARK E. BERMAN, CITY ATTORNEY		

## "CONTRACTOR"

	Insituform Technologies, LLC	, TECH
Witnesses:		SEA
1	By: pliane Soutridge	87.
Janet Hass	Burt Keating, President & Chief Operat	ing OfficePELAW
Janet Hass, Contracting and Attesting Officer	Diane Partridge, Contracting and Att	esting Officer
(Print or Type Name)		
Whittney Schulte, Contracting and Attesting Officering or Type Name)	icer	
STATE OF MISSOURI COUNTY OF ST. LOUIS		
or nonline notarization, this 5th day of President & Chief Operating Officer of Insitu company on behalf of the company. He is p		Beating as * ted liability*
Personally Known identification.	(type of identificat	.1011) as
* Diane Partridge, Contracting and Attesting O	fficer Snux	
NOTARY'S SEAL:	NOTARY PUBLIC, STATE OF MISSO	URI
	JANA LAUSE  (Name of State Of Missouried, Princed or State Of	Stamped)





## INSITUFORM TECHNOLOGIES, LLC

## PRESIDENT APPOINTMENT OF CONTRACTING AND ATTESTING OFFICERS

The undersigned, being the President of Insituform Technologies, LLC, a Delaware Limited Liability Company (the "Company"), and pursuant to the authority set forth in the Limited Liability Company Operating Agreement of the Company, hereby determines that:

- 1. Christlanda Adkins, Janet Hass, Diane Partridge, Whittney Schulte, Ursula Youngblood and Patrizia Sordillo are appointed as Contracting and Attesting Officers of the Company, each with the authority, individually and in the absence of the others, subject to the control of the Board of Managers of the Company, to: (i) certify and attest to the signature of any officer of the Company; (ii) enter into and bind the Company to perform pipeline rehabilitation activities of the Company and all matters related thereto, including the maintenance of one or more offices and facilities of the Company; (iii) execute and to deliver documents on behalf of the Company; and (iv) take such other action as is or may be necessary and appropriate to carry out the project, activities and work of the Company.
- 2. Any person previously appointed or serving as a Contracting and Attesting Officer of the Company prior to the date hereof and who is not named above is hereby removed from any such appointment.

Dated: September 30, 2022

Burt M. Keating

President



January 24, 2024

Sent Via Email: uyoungblood@aegion.com

Ursula J Youngblood Insituform Technologies, LLC 580 Goddard Ave Chesterfield, MO 63005

Welcome to BuyBoard!

**Re:** *Notice of National Purchasing Cooperative Award;* Proposal Invitation No. 730-24, Cured in Place Pipe (CIPP) for Pipeline Rehabilitation (Thermo Cured Products)

Congratulations, The National Purchasing Cooperative (National Cooperative) has awarded your company a BuyBoard® contract based on the above-referenced Proposal Invitation. The contract is effective for an initial one-year term of April 1, 2024 through March 31, 2025, and may be subject to two possible one-year renewals. Please refer to the Proposal Invitation for the contract documents, including the National Purchasing Cooperative Vendor Award Agreement and General Terms and Conditions of the Contract.

To review the items your company has been awarded, please review Proposal Tabulation No. 730-24 at <a href="https://www.buyboard.com/vendor">www.buyboard.com/vendor</a>. Only items marked as awarded to your company are included in this contract award, and only those awarded items may be sold through the BuyBoard contract. All sales must comply with the contract terms and must be at or below the awarded pricing as set forth in the General Terms and Conditions.

The contract will be posted on the BuyBoard website as an online electronic catalog(s). You are reminded that, in accordance with the General Terms and Conditions, all purchase orders from National Cooperative members must be processed through the BuyBoard. Except as expressly authorized in writing by the Cooperative's administrator, you are not authorized to process a purchase order received directly from a National Cooperative member that has not been processed through the BuyBoard or provided to the Cooperative. If you receive a purchase order directly from a National Cooperative member that you have reason to believe has not been received by the National Cooperative or processed through the BuyBoard, you must promptly forward a copy of the purchase order by e-mail to info@buyboard.com

A list of National Cooperative members is available on the buyboard.com website. Once the contract is active, the BuyBoard vendor relations staff will be contacting you to assist with resources available and provide any support you may need as an awarded BuyBoard vendor.

On behalf of the National Cooperative, we are looking forward to your participation in the program. If you have any questions, feel free to contact me at bids@BuyBoard.com.

Sincerely,

Leigh Clover, Bid Analyst

Texas Association of School Boards, Inc.,

Procurement Administrator for the National Purchasing Cooperative

v.02.01.2021





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## STATE SERVICE DESIGNATION

This form must be completed in the electronic proposal submission system (or, if submitting a hard copy Proposal, timely request and complete the in accordance with the Instructions to Proposers).

As set forth in the Proposal Invitation, it is the Cooperative's intent that other governmental entities in the United States have the opportunity to purchase goods or services awarded under the Contract, subject to applicable state law, through a piggy-back award or similar agreement through the National Purchasing Cooperative BuyBoard. If you plan to service the entire United States or only specific states, you must complete the State Service Designation information in the electronic proposal submission system. (Note: If you plan to service Texas Cooperative members, be sure that you complete the Texas Regional Service Designation form.) In addition to this form, to be considered for a piggy-back award by the National Purchasing Cooperative, you must have an authorized representative sign the National Purchasing Cooperative Vendor Award Agreement that follows this page.

If you serve different states for different products or services included in your Proposal, you must complete and submit a separate State Service Designation form for each group of products and clearly indicate the products or services to which the designation applies. (Additional forms can be obtained by contacting <a href="mailto:bids@buyboard.com">bids@buyboard.com</a> at least five (5) business days prior to the Proposal Due Date.) By designating a state or states, you are certifying that you are authorized and willing to provide the proposed products and services in those states. Designating states in which you are either unable or unwilling to provide the specified products and services shall be grounds for either rejection of your Proposal or, if awarded, termination of your Contract.

xx"

I will service all states in the United States.

**INSITUFORM** will service all states in the United States

I will not service all states in the United States.

Alabama

Alaska Arizona

Arkansas

AIRGISGS

California (Public Contract Code 20118 & 20652)

Colorado Connecticut Delaware

District of Columbia

Florida Georgia Hawaii Idaho Illinois Indiana Iowa

Kentucky Louisiana Maine

Kansas

Maryland Massachusetts

Michigan Minnesota Mississippi

Missouri

Montana Nebraska

Nevada

New Hampshire New Jersey New Mexico New York

North Carolina North Dakota

Ohio Oklahoma

Oregon
Pennsylvania
Rhode Island
South Carolina
South Dakota
Tennessee
Texas
Utah

Vermont Virginia Washington West Virginia Wisconsin Wyoming





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## NATIONAL PURCHASING COOPERATIVE VENDOR AWARD AGREEMENT

In accordance with the Terms and Conditions associated with this Proposal Invitation, a contract awarded under this Proposal Invitation may be "piggy-backed" by another governmental entity. The National Purchasing Cooperative is an intergovernmental purchasing cooperative formed by certain school districts outside of Texas to serve its members throughout the United States. If you agree to be considered for a piggy-back award by the National Purchasing Cooperative, you agree to the following terms and agree to serve National Purchasing Cooperative members in the states you have indicated on the State Service Designation form, in your Proposal.

## By signing this form, Proposer (referred to in this Agreement as "Vendor") agrees as follows:

- 1. Vendor acknowledges that if The Local Government Purchasing Cooperative ("Texas Cooperative") awards Vendor a contract under this Proposal Invitation ("Underlying Award"), the National Purchasing Cooperative ("National Cooperative") may but is not required to "piggy-back" on or re-award all or a portion of that Underlying Award ("Piggy-Back Award"). By signing this National Cooperative Vendor Award Agreement ("Agreement"), Vendor accepts and agrees to be bound by any such Piggy-Back Award as provided for herein.
- 2. In the event National Cooperative awards Vendor a Piggy-Back Award, the National Cooperative Administrator ("BuyBoard Administrator") will notify Vendor in writing of such Piggy-Back Award, which award shall commence on the effective date stated in the Notice and end on the expiration date of the Underlying Award, subject to annual renewals as authorized in writing by the BuyBoard Administrator. Vendor agrees that no further signature or other action is required of Vendor in order for the Piggy-Back Award and this Agreement to be binding upon Vendor. Vendor further agrees that no interlineations or changes to this Agreement by Vendor will be binding on National Cooperative, unless such changes are agreed to by its BuyBoard Administrator in writing.
- 3. Vendor agrees that it shall offer its goods and services to National Cooperative members at the same pricing and same general terms and conditions, subject to applicable state laws in the state of purchase, as required by the Underlying Award. However, nothing in this Agreement prevents Vendor from offering National Cooperative members better (i.e., lower) competitive pricing and more favorable terms and conditions than those in the Underlying Award.
- 4. Vendor hereby agrees and confirms that it will serve those states it has designated on the State Service Designation Form of this Proposal Invitation. Any changes to the states designated on the State Service Designation Form must be approved in writing by the BuyBoard Administrator.
- 5. Vendor agrees to pay National Cooperative the service fee provided for in the Underlying Award based on the amount of purchases generated from National Cooperative members through the Piggy-Back Award. Vendor shall remit payment to National Cooperative on such schedule as it specifies (which shall not be more often than monthly). Further, upon request, Vendor shall provide National Cooperative with copies of all purchase orders generated from National Cooperative members, vendor invoices, and/or such other documentation regarding those purchase orders as the Cooperative's administrators may require in their reasonable discretion for purposes of reviewing and verifying purchase activity. Vendor further agrees that National Cooperative shall have the right, upon reasonable written notice, to review Vendor's records pertaining to purchases made by National Cooperative members in order to verify the accuracy of service fees.
- 6. Vendor agrees that the Underlying Award, including its General Terms and Conditions, are adopted by reference to the fullest extent such provisions can reasonably apply to the post-proposal/contract award phase. The rights and responsibilities that would ordinarily inure to the Texas Cooperative pursuant to the Underlying Award shall inure to National Cooperative; and, conversely, the rights and responsibilities that would ordinarily inure to Vendor in the Underlying Award shall inure to Vendor in this Agreement. Vendor recognizes and agrees that Vendor and National Cooperative are the only parties to this Agreement, and that nothing in this Agreement has application to other third parties, including the Texas Cooperative. In the event of conflict between this Agreement and the terms of the Underlying Award, the terms of this Agreement shall control, and then only to the extent necessary to reconcile the conflict.



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- 7. This Agreement shall be governed and construed in accordance with the laws of the State of Texas and venue for any dispute shall lie in the federal district court of Travis County, Texas.
- 8. Vendor acknowledges and agrees that the award of a Piggy-Back Award is within the sole discretion of National Cooperative, and that this Agreement does not take effect unless and until National Cooperative awards Vendor a Piggy-Back Award and the BuyBoard Administrator notifies Vendor in writing of such Piggy-Back Award as provided for herein.

WHEREFORE, by signing below Vendor agrees to the foregoing and warrants that it has the authority to enter into this Agreement.

<u>INSITUFORM TECHNOLOGIES, LLC.</u>	
Name of Vendor	Proposal Invitation Number
Visula L. Houng blood.	Ursula J. Youngblood
Signature of Authorized Company Official	Printed Name of Authorized Company Official
26 Oct	tober 2023
	Date

2/1s.



## LOCATION/AUTHORIZED SELLER LISTINGS

If you have more than one location/authorized seller that will service a Contract awarded under this Proposal Invitation, please list each location/authorized seller below. If additional sheets are required, please duplicate this form as necessary. NOTE: Awarded Vendors shall remain responsible for all aspects of the Contract, including processing of Purchase Orders, and shall be responsible for the performance of all locations and authorized sellers under and in accordance with the Contract. If you are a product manufacturer and wish to designate Designated Dealers as defined in the General Terms and Conditions to receive Cooperative member Purchase Orders on your behalf, you must complete the Manufacturer Designated Dealer form.

Location/Authorized Seller Name	Contact Person	Contact Information (Mailing Address, Phone, Fax, Email)
Insituform Technologies, LLC	Chrissy Koller Bid Manager	580 Goddard Avenue Chesterfield, MO 63005
Insituform Technologies, LLC	Christopher Hulse Commercial Manager	707 E. Ordinance Road Baltimore, MD 21226 (410) 271-5079
Insituform Technologies, LLC	Dave Raymond Business Development Mgr	6966 Business Park Blvd Jacksonville FL 32256 (904) 465-3267
Insituform Technologies, LLC	Chantal Evans Strategic Account Manager	19165 SW 119th Avenue Tualatin OR 97062 (303) 482-6178
Insituform Technologies, LLC	Michael Cronin Business Development Mgr	253 B Worcester Road Charlton MA 01507 (413) 205-9541
Insituform Technologies, LLC	Dave Raymond Business Development Mgr	6972 Business Park Blvd Jacksonville FL 32256 (904) 465-3267
Insituform Technologies, LLC	Jay Ferguson Business Development Mgr	2130 Stout Field West Indianapolis, IN 46241 (317) 408-7136
Insituform Technologies, LLC	Kenny Boeh Business Development Mgr	3014 North US Hwy 301, Ste #700 Tampa FL 33619 (412) 310-8826
Insituform Technologies, LLC	Brian McCrary Business Development Mgr	17220 Bel Ray Place Belton MO 64012 (816) 206-7703
Insituform Technologies, LLC	Jay Ferguson Business Development Mgr	1088 Victory Drive Howell MI 48843 (317) 408-7136



## LOCATION/AUTHORIZED SELLER LISTINGS

If you have more than one location/authorized seller that will service a Contract awarded under this Proposal Invitation, please list each location/authorized seller below. If additional sheets are required, please duplicate this form as necessary. NOTE: Awarded Vendors shall remain responsible for all aspects of the Contract, including processing of Purchase Orders, and shall be responsible for the performance of all locations and authorized sellers under and in accordance with the Contract. If you are a product manufacturer and wish to designate Designated Dealers as defined in the General Terms and Conditions to receive Cooperative member Purchase Orders on your behalf, you must complete the Manufacturer Designated Dealer form.

Location/Authorized Seller Name	Contact Person	Contact Information (Mailing Address, Phone, Fax, Email)
Insituform Technologies, LLC	Christopher Hulse Commercial Manager	709 E. Ordnance Road, Suite #501 Baltimore, MD 21226 (410) 271-5079
Insituform Technologies, LLC	Kevin Coburn Area Mgr, Business Development	318 Orchard Lane Bloomington IL 60108 (630) 842-8539
Insituform Technologies, LLC	Anthony Ostgulen Business Development Mgr	13187 Crookhaven Ct. Rosemount MN 55068 (651) 253-0236
Insituform Technologies, LLC	Fred Valizdeh Bid Manager	13502 Almeda School Road Houston, Texas 77047 713.247.9178
Insituform Technologies, LLC	Timothy Naylor Business Development Mgr	3413 Hunter Rd., Ste. E San Marcos, Tx 78666 512-677-8732
Insituform Technologies, LLC	Timothy Peterie Business Development Mgr	1103 Postwood Dr. Corinth, TX 76210 214.317.0950
Insituform Technologies, LLC	Todd Venable Business Development Mgr	645 S. 24th St., Ste. 101 Tempe AZ 85282 (480) 938-7145
Insituform Technologies, LLC	Terry R. Henry Business Development Mgr	10260 Matern Place Santa Fe Springs CA 90670 (562) 413-1585
Insituform Technologies, LLC	Brian McCrary Business Development Manager	1614 N. 83rd Street Kansas City, MO 64118 (816) 206-7703
Insituform Technologies, LLC	Ryan Miller Manager - Business Development	1410 Gould Blvd LaVergne TN 37086 (615) 967-8462



## LOCATION/AUTHORIZED SELLER LISTINGS

If you have more than one location/authorized seller that will service a Contract awarded under this Proposal Invitation, please list each location/authorized seller below. If additional sheets are required, please duplicate this form as necessary. NOTE: Awarded Vendors shall remain responsible for all aspects of the Contract, including processing of Purchase Orders, and shall be responsible for the performance of all locations and authorized sellers under and in accordance with the Contract. If you are a product manufacturer and wish to designate Designated Dealers as defined in the General Terms and Conditions to receive Cooperative member Purchase Orders on your behalf, you must complete the Manufacturer Designated Dealer form.

Location/Authorized Seller Name	Contact Person	<b>Contact Information</b> (Mailing Address, Phone, Fax, Email)
Insituform Technologies, LLC	Bob Van Horne Business Development Mgr	1076-A Van Buren Avenue Indian Trail NC 28079 (704) 221-8443
Insituform Technologies, LLC	Leanne Goodhue Business Development Mgr	9654 Titan Court Littleton CO 80125 (720) 355-4135
Insituform Technologies, LLC	Emily Bennett Bid Manager	709 E. Ordnance Road, Ste 501 Baltimore MD 21226
Insituform Technologies, LLC	Neal Shearer Business Development	18378 Tom Drive Hammond LA 70403 (985) 507-2023
Insituform Technologies, LLC		

	730-24 Cured In Place Pipe (CIPP) for Pipeline Rehabilitation		ed Produc	ts) - Price Li	isting	I
	Insituform Technologies	, LLC				I
-4!	A. CIDD Mainline Debabilitation Consider Applications	0	11-24	Unit Daise	Futanalan	
ection 1	A - CIPP Mainline Rehabilitation Gravity Applications    6" x 4.5mm	Quantity 1	<u>Unit</u> LF	Unit Price \$ 50.00	Extension \$50.00	
2	8" x 6.0mm	1	LF	\$ 45.00	\$45.00	
3	10" x 6.0mm	1	LF	\$ 50.00	\$50.00	
5	12" x 6.0mm 15" x 7.5mm	1 1	LF LF	\$ 60.00 \$ 75.00	\$60.00 \$75.00	
6	18" x 9.0mm	1	LF	\$ 75.00 \$ 90.00	\$90.00	
7	21" x 9.0mm	1	LF	\$ 120.00	\$120.00	
8	24" x 10.5mm	1	LF	\$ 145.00	\$145.00	
9	27" x 10.5mm	1	LF.	\$ 170.00	\$170.00	
10 11	30" x 12.0mm 33" x 12.0mm	1 1	LF LF	\$ 190.00 \$ 210.00	\$190.00 \$210.00	
12	36" x 12.0mm	1	LF	\$ 245.00	\$245.00	
13	42" x 13.5mm	1	LF	\$ 300.00	\$300.00	
14	48" x 15.0mm	1	LF	\$ 430.00	\$430.00	
15	54" x 18.0mm	1	LF.	\$ 530.00	\$530.00	
16 17	6" & 8" Additional 1.5mm 10" & 12" Additional 1.5mm	1 1	LF LF	\$ 1.00 \$ 6.00	\$1.00 \$6.00	
18	15" & 18" Additional 1.5mm	1	LF	\$ 19.00	\$19.00	
19	21" & 24" Additional 1.5mm	1	LF	\$ 23.00	\$23.00	
20	27" Additional 1.5mm	1	LF	\$ 25.00	\$25.00	
21	30" Additional 1.5mm	1	LF	\$ 30.00	\$30.00	
22 23	33" Additional 1.5mm 36" Additional 1.5mm	1	LF LF	\$ 32.00 \$ 36.00	\$32.00 \$36.00	
23	36" Additional 1.5mm 42" Additional 1.5mm	1 1	LF LF	\$ 36.00 \$ 41.00	\$36.00	
25	48" Additional 1.5mm	1	LF	\$ 48.00	\$48.00	
26	54" Additional 1.5mm	1	LF	\$ 55.00	\$55.00	
27	6" - 12" CIPP Setup Charge Per Install Length	1	LF.	\$ 20.00	\$20.00	
28	15" - 21" CIPP Setup Charge Per Install Length	1	LF LF	\$ 30.00	\$30.00	
29 30	24" - 36" CIPP Setup Charge Per Install Length 36" or Larger CIPP Setup Charge Per Install Length	1 1	LF LF	\$ 45.00 \$ 65.00	\$45.00 \$65.00	
31	6" - 10" Backyard Easement Setup Per Install Length	1	LF	\$ 4.00	\$4.00	
32	12" - 18" Backyard Easement Setup Per Install Length	1	LF	\$ 6.00	\$6.00	
33	Preliner	1	LF	\$ 25.00	\$25.00	
34	Timber/Matting/Rock/Access	1	SY	\$ 250.00	\$250.00	
35 36	CIPP Short Length Add-On (<300 LF) Non-Standard Resin System Add-On	1 1	IN/DIA/FT IN/DIA/FT	\$ 25.00 \$ 25.00	\$25.00 \$25.00	
37	Scaffold setup Non-Standard	1	EA	\$ 15,000.00	\$15,000.00	
38	Steel plate (per plate)	1	Day	\$ 300.00	\$300.00	
39	Internal reconnects	1	EA	\$ 350.00	\$350.00	
40	Man Entry Internal reconnects	1	EA	\$ 1,000.00	\$1,000.00	
te: A	ny CIPP over 54" will be on an individual quote basis.		SUM TOTA	L SECTION A:	\$20	,171.00
					* -	,
tion 41	B - Pipebursting Rehabilitation  Burst existing 6" or 8" to 8" IPS SDR 19 (0'- 8' deep)	Quantity 1	<u>Unit</u> LF	<u>Unit Price</u> \$ 85.00	Extension \$85.00	
42	Burst existing 6" or 8" to 8" IPS SDR 19 (8'- 12' deep)	1	LF	\$ 90.00	\$90.00	
43	Burst existing 8" or 10" to 10" IPS SDR 19 ( 0'- 8' deep)	1	LF	\$ 90.00	\$90.00	
44	Burst existing 8" or 10" to 10" IPS SDR 19 (8'- 12' deep)	1	LF	\$ 100.00	\$100.00	
45	Burst existing 10" or 12" to 12" IPS SDR 19 (0'- 8' deep )	1	LF	\$ 115.00	\$115.00	
46 47	Burst existing 10" or 12" to 12" IPS SDR 19 ( 8'- 12' deep)  Burst existing 12" or 15" to 16" IPS SDR 19 ( 0'- 8' deep)	1	LF LF	\$ 120.00 \$ 130.00	\$120.00 \$130.00	
4 <i>1</i> 48	Burst existing 12" or 15" to 16" IPS SDR 19 (0'- 8' deep)  Burst existing 12" or 15" to 16" IPS SDR 19 (0'- 8' deep)	1 1	LF LF	\$ 130.00 \$ 140.00	\$130.00 \$140.00	
<del>40</del> 49	Burst existing 15" or 18" to 18" IPS SDR 19 (0'- 8' deep)	1	LF	\$ 150.00	\$150.00	
	Burst existing 15" or 18" to 18" IPS SDR 19 (8'- 12' deep)	1	LF	\$ 160.00	\$160.00	
50	Burst existing 18" or 21" to 22" IPS SDR 19 (0'- 8' deep)	1	Ŀ	\$ 190.00	\$190.00	
51	D 4 1 4 1 4 2 1 4 1 4		LF	\$ 210.00	\$210.00	
51 52	Burst existing 18" or 21" to 22" IPS SDR 19 (8'- 12' deep)	1	1.5	00.00	ተባለ ሰላ	
51 52 53	8" - 12" Pipeburst Setup Charge Per Install Length	1	LF I F	\$ 20.00 \$ 35.00	\$20.00 \$35.00	
51 52 53 54			LF	\$ 35.00	\$35.00	
51 52 53 54 55	8" - 12" Pipeburst Setup Charge Per Install Length 16" - 22" Pipeburst Setup Charge Per Install Length	1		\$ 35.00 \$ 25.00 \$ 25.00		
51 52 53 54 55 56 57	8" - 12" Pipeburst Setup Charge Per Install Length 16" - 22" Pipeburst Setup Charge Per Install Length Pipeburst Short Length Add-On (<300 LF) Change Pipeburst Pipe to Potable Water Grade or Non-Standard Pipe Type Add-On Pipeburst Lateral Setup Charge	1 1 1 1	LF IN/DIA/FT IN/DIA/FT EA	\$ 35.00 \$ 25.00 \$ 25.00 \$ 2,000.00	\$35.00 \$25.00 \$25.00 \$2,000.00	
51 52 53 54 55 56 57	8" - 12" Pipeburst Setup Charge Per Install Length 16" - 22" Pipeburst Setup Charge Per Install Length Pipeburst Short Length Add-On (<300 LF) Change Pipeburst Pipe to Potable Water Grade or Non-Standard Pipe Type Add-On Pipeburst Lateral Setup Charge Pipeburst Lateral	1 1 1	LF IN/DIA/FT IN/DIA/FT	\$ 35.00 \$ 25.00 \$ 25.00	\$35.00 \$25.00 \$25.00	
51 52 53 54 55 56 57 58 <b>e: A</b>	8" - 12" Pipeburst Setup Charge Per Install Length 16" - 22" Pipeburst Setup Charge Per Install Length Pipeburst Short Length Add-On (<300 LF) Change Pipeburst Pipe to Potable Water Grade or Non-Standard Pipe Type Add-On Pipeburst Lateral Setup Charge Pipeburst Lateral ny pipebursting over 22", greater than 1 standard size increase, or deeper than	1 1 1 1	LF IN/DIA/FT IN/DIA/FT EA	\$ 35.00 \$ 25.00 \$ 25.00 \$ 2,000.00	\$35.00 \$25.00 \$25.00 \$2,000.00	
51 52 53 54 55 56 57 58 <b>e: A</b>	8" - 12" Pipeburst Setup Charge Per Install Length 16" - 22" Pipeburst Setup Charge Per Install Length Pipeburst Short Length Add-On (<300 LF) Change Pipeburst Pipe to Potable Water Grade or Non-Standard Pipe Type Add-On Pipeburst Lateral Setup Charge Pipeburst Lateral	1 1 1 1	LF IN/DIA/FT IN/DIA/FT EA LF	\$ 35.00 \$ 25.00 \$ 25.00 \$ 2,000.00	\$35.00 \$25.00 \$25.00 \$2,000.00 \$100.00	
51 52 53 54 55 56 57 58 <b>te: A</b>	8" - 12" Pipeburst Setup Charge Per Install Length 16" - 22" Pipeburst Setup Charge Per Install Length Pipeburst Short Length Add-On (<300 LF) Change Pipeburst Pipe to Potable Water Grade or Non-Standard Pipe Type Add-On Pipeburst Lateral Setup Charge Pipeburst Lateral ny pipebursting over 22", greater than 1 standard size increase, or deeper than	1 1 1 1	LF IN/DIA/FT IN/DIA/FT EA LF	\$ 35.00 \$ 25.00 \$ 25.00 \$ 2,000.00 \$ 100.00	\$35.00 \$25.00 \$25.00 \$2,000.00 \$100.00	
51 52 53 54 55 56 57 58 ee: A will	8" - 12" Pipeburst Setup Charge Per Install Length 16" - 22" Pipeburst Setup Charge Per Install Length Pipeburst Short Length Add-On (<300 LF) Change Pipeburst Pipe to Potable Water Grade or Non-Standard Pipe Type Add-On Pipeburst Lateral Setup Charge Pipeburst Lateral ny pipebursting over 22", greater than 1 standard size increase, or deeper than be on an individual quote basis.  C - Bypass for Gravity Pipelines and Associated Items	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF IN/DIA/FT IN/DIA/FT EA LF SUM TOTA	\$ 35.00 \$ 25.00 \$ 25.00 \$ 2,000.00 \$ 100.00 L SECTION B:	\$35.00 \$25.00 \$25.00 \$2,000.00 \$100.00	785.00
51 52 53 54 55 56 57 58 <b>te: A</b> <b>will</b>	8" - 12" Pipeburst Setup Charge Per Install Length 16" - 22" Pipeburst Setup Charge Per Install Length Pipeburst Short Length Add-On (<300 LF) Change Pipeburst Pipe to Potable Water Grade or Non-Standard Pipe Type Add-On Pipeburst Lateral Setup Charge Pipeburst Lateral ny pipebursting over 22", greater than 1 standard size increase, or deeper than be on an individual quote basis.  C - Bypass for Gravity Pipelines and Associated Items Bypass System Equip/pipe delivery, tear down, pick up 4"	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF IN/DIA/FT IN/DIA/FT EA LF SUM TOTA Unit EA	\$ 35.00 \$ 25.00 \$ 25.00 \$ 2,000.00 \$ 100.00 L SECTION B: Unit Price \$ 15,000.00	\$35.00 \$25.00 \$25.00 \$2,000.00 \$100.00 \$3, Extension \$15,000.00	785.00
51 52 53 54 55 56 57 58 <b>te: A</b> will	8" - 12" Pipeburst Setup Charge Per Install Length 16" - 22" Pipeburst Setup Charge Per Install Length Pipeburst Short Length Add-On (<300 LF) Change Pipeburst Pipe to Potable Water Grade or Non-Standard Pipe Type Add-On Pipeburst Lateral Setup Charge Pipeburst Lateral ny pipebursting over 22", greater than 1 standard size increase, or deeper than be on an individual quote basis.  C - Bypass for Gravity Pipelines and Associated Items Bypass System Equip/pipe delivery, tear down, pick up 4" Bypass System Equip/pipe delivery, tear down, pick up 6"	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF IN/DIA/FT IN/DIA/FT EA LF SUM TOTA  Unit EA EA	\$ 35.00 \$ 25.00 \$ 25.00 \$ 2,000.00 \$ 100.00 L SECTION B: Unit Price \$ 15,000.00 \$ 25,000.00	\$35.00 \$25.00 \$25.00 \$2,000.00 \$100.00 \$3, Extension \$15,000.00 \$25,000.00	785.00
53 54 55 56 57 58 <b>te: A</b> will ction 59 60 61	8" - 12" Pipeburst Setup Charge Per Install Length 16" - 22" Pipeburst Setup Charge Per Install Length Pipeburst Short Length Add-On (<300 LF) Change Pipeburst Pipe to Potable Water Grade or Non-Standard Pipe Type Add-On Pipeburst Lateral Setup Charge Pipeburst Lateral ny pipebursting over 22", greater than 1 standard size increase, or deeper than be on an individual quote basis.  C - Bypass for Gravity Pipelines and Associated Items Bypass System Equip/pipe delivery, tear down, pick up 4" Bypass System Equip/pipe delivery, tear down, pick up 6" Bypass System Equip/pipe delivery, tear down, pick up 8"	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF IN/DIA/FT IN/DIA/FT EA LF SUM TOTA  Unit EA EA EA	\$ 35.00 \$ 25.00 \$ 25.00 \$ 2,000.00 \$ 100.00 L SECTION B: Unit Price \$ 15,000.00 \$ 25,000.00 \$ 30,000.00	\$35.00 \$25.00 \$25.00 \$2,000.00 \$100.00 \$3, Extension \$15,000.00 \$25,000.00	785.00
51 52 53 54 55 56 57 58 <b>te: A</b> will	8" - 12" Pipeburst Setup Charge Per Install Length 16" - 22" Pipeburst Setup Charge Per Install Length Pipeburst Short Length Add-On (<300 LF) Change Pipeburst Pipe to Potable Water Grade or Non-Standard Pipe Type Add-On Pipeburst Lateral Setup Charge Pipeburst Lateral ny pipebursting over 22", greater than 1 standard size increase, or deeper than be on an individual quote basis.  C - Bypass for Gravity Pipelines and Associated Items Bypass System Equip/pipe delivery, tear down, pick up 4" Bypass System Equip/pipe delivery, tear down, pick up 6"	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF IN/DIA/FT IN/DIA/FT EA LF SUM TOTA  Unit EA EA	\$ 35.00 \$ 25.00 \$ 25.00 \$ 2,000.00 \$ 100.00 L SECTION B: Unit Price \$ 15,000.00 \$ 25,000.00	\$35.00 \$25.00 \$25.00 \$2,000.00 \$100.00 \$3, Extension \$15,000.00 \$25,000.00	785.00

65					
	Set Up 6" Pump (Per Pump)	1	EA	\$ 1,500.00	\$1,500.00
66	Set Up 8" Pump (Per Pump)	1	EA	\$ 2,500.00	\$2,500.00
67	Set Up 12" Pump (Per Pump)	1	EA	\$ 4,000.00	\$4,000.00
68	Set Up 4" Piping	1	LF	\$ 10.00	\$10.00
69	Set Up 6" Piping	1	LF	\$ 25.00	\$25.00
70	Set Up 8" Piping	1	LF	\$ 40.00	\$40.00
71	Set Up 12" Piping	1	LF	\$ 50.00	\$50.00
72	Set Up 18" Piping	1	LF	\$ 70.00	\$70.00
73	Set Up >18" up to 30" Piping	1	LF	\$ 125.00	\$125.00
74	Operate 4" pumping System (Fuel & Maint. Per pump)	1	DAY	\$ 400.00	\$400.00
75	Operate 6" pumping System (Fuel & Maint. Per pump)	1	DAY	\$ 800.00	\$800.00
76	Operate 8" pumping System (Fuel & Maint. Per pump)	1	DAY	\$ 1,200.00	\$1,200.00
77	Operate 12" pumping System (Fuel & Maint. Per pump)	1	DAY	\$ 1,500.00	\$1,500.00
78	Bypass Pump watch labor	1	DAY	\$ 1,300.00	\$2,750.00
79	Bypass Line watch labor Plug rental 8" - 15"	1	DAY	\$ 2,350.00	\$2,350.00
80		1	DAY	\$ 350.00	\$350.00
81	Plug rental 18" - 30"	1	DAY	\$ 750.00	\$750.00
82	Plug rental >30"	1	DAY	\$ 1,000.00	\$1,000.00
83	Bypass - Driveway Ramp (Setup, Operate, Maintain)	1	DAY	\$ 750.00	\$750.00
84	Bypass - Street Ramp (Setup, Operate, Maintain)	1	DAY	\$ 750.00	\$750.00
85	Bypass - Street Trenching for 8" Pipe (Setup, Operate, Maintain)	1	LF	\$ 200.00	\$200.00
86	Bypass - Street Trenching for 12" Pipe (Setup, Operate, Maintain)	1	LF	\$ 250.00	\$250.00
87	Bypass - Street Trenching for 18" Pipe (Setup, Operate, Maintain)	1	LF	\$ 300.00	\$300.00
88	Bypass Plan (3rd Party Certified)	1	EA	\$ 3,000.00	\$3,000.00
			SUM TOTA	L SECTION C:	\$195,670.00
Section	D - Clean/TV & Evaluation for Gravity Pipelines	Quantity	<u>Unit</u>	Unit Price	Extension
89	6" Clean and TV	1	LF	\$ 7.00	\$7.00
90	8" Clean and TV	1	LF	\$ 7.00	\$7.00
91	10" Clean and TV	1	LF	\$ 8.00	\$8.00
92	12" Clean and TV	1	LF	\$ 10.00	\$10.00
93	15" Clean and TV	1	LF	\$ 12.00	\$12.00
94	18" Clean and TV	1	LF	\$ 14.00	\$14.00
95	21" Clean and TV	1	LF	\$ 15.00	\$15.00
96	24" Clean and TV	1	LF	\$ 17.00	\$17.00
97	27" Clean and TV	1	LF	\$ 21.00	\$21.00
98	30" Clean and TV	1	LF	\$ 23.00	\$23.00
	33" Clean and TV	1	LF	•	\$28.00
99			LF		\$35.00
100	36" Clean and TV	1		\$ 35.00	
101	42" Clean and TV	1	LF 	\$ 41.00	\$41.00
102	48" Clean and TV	1	LF	\$ 52.00	\$52.00
103	54" Clean and TV	1	LF	\$ 62.00	\$62.00
104	6" - 18" Post TV Inspection After Rehabilitation	1	LF	\$ 5.00	\$5.00
105	21" - 36" Post TV Inspection After Rehabilitation	1	LF	\$ 6.00	\$6.00
106	42" or Larger Post TV Inspection After Rehabilitation	1	LF	\$ 6.00	\$6.00
107	Re-setup for TV Due to Point Repairs	1	EA	\$ 250.00	\$250.00
101					\$250.00
108	Root/Grease removal 6" - 12"	1	LF	\$ 5.00	\$5.00
	Root/Grease removal 6" - 12"  Root/Grease removal 15" - 18"	1	LF LF	\$ 5.00 \$ 10.00	
108					\$5.00
108 109 110	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24"	1	LF LF	\$ 10.00 \$ 15.00	\$5.00 \$10.00 \$15.00
108 109 110 111	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf)	1 1 1	LF LF EA	\$ 10.00 \$ 15.00 \$ 1,500.00	\$5.00 \$10.00 \$15.00 \$1,500.00
108 109 110 111 112	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines)	1 1 1	LF LF EA IN/DIA/LF	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00	\$5.00 \$10.00 \$15.00 \$1,500.00 \$5.00
108 109 110 111 112 113	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines) Above Ground Physical Inspection	1 1 1 1	LF LF EA IN/DIA/LF LF	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00 \$ 5.00	\$5.00 \$10.00 \$15.00 \$1,500.00 \$5.00
108 109 110 111 112 113 114	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines) Above Ground Physical Inspection Smoke Testing	1 1 1 1 1 1 1	LF LF EA IN/DIA/LF LF LF	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00 \$ 5.00 \$ 2.00	\$5.00 \$10.00 \$15.00 \$1,500.00 \$5.00 \$5.00 \$2.00
108 109 110 111 112 113 114 115	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines) Above Ground Physical Inspection Smoke Testing Manhole/Cleanout & Sewer Line Visual Inspection	1 1 1 1 1 1 1	LF LF EA IN/DIA/LF LF LF EA	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00 \$ 5.00 \$ 2.00 \$ 300.00	\$5.00 \$10.00 \$15.00 \$1,500.00 \$5.00 \$5.00 \$2.00 \$300.00
108 109 110 111 112 113 114 115 116	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines) Above Ground Physical Inspection Smoke Testing Manhole/Cleanout & Sewer Line Visual Inspection GPS Survey of Manholes & Cleanouts	1 1 1 1 1 1 1 1	LF LF EA IN/DIA/LF LF LF EA EA	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00 \$ 5.00 \$ 2.00 \$ 300.00 \$ 500.00	\$5.00 \$10.00 \$15.00 \$1,500.00 \$5.00 \$5.00 \$2.00 \$300.00 \$500.00
108 109 110 111 112 113 114 115 116 117	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines) Above Ground Physical Inspection Smoke Testing Manhole/Cleanout & Sewer Line Visual Inspection GPS Survey of Manholes & Cleanouts Dyed Water Flooding/Leak Quantification & Evaluation	1 1 1 1 1 1 1 1 1	LF LF EA IN/DIA/LF LF LF EA EA	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00 \$ 5.00 \$ 2.00 \$ 300.00 \$ 500.00 \$ 150.00	\$5.00 \$10.00 \$15.00 \$1,500.00 \$5.00 \$2.00 \$300.00 \$500.00 \$150.00
108 109 110 111 112 113 114 115 116 117	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines) Above Ground Physical Inspection Smoke Testing Manhole/Cleanout & Sewer Line Visual Inspection GPS Survey of Manholes & Cleanouts Dyed Water Flooding/Leak Quantification & Evaluation Investigative Float TV - All Sizes	1 1 1 1 1 1 1 1 1 1	LF LF EA IN/DIA/LF LF LF EA EA EA LF	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00 \$ 5.00 \$ 2.00 \$ 300.00 \$ 500.00 \$ 150.00 \$ 150.00	\$5.00 \$10.00 \$15.00 \$1,500.00 \$5.00 \$5.00 \$2.00 \$300.00 \$500.00 \$150.00
108 109 110 111 112 113 114 115 116 117 118	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines) Above Ground Physical Inspection Smoke Testing Manhole/Cleanout & Sewer Line Visual Inspection GPS Survey of Manholes & Cleanouts Dyed Water Flooding/Leak Quantification & Evaluation Investigative Float TV - All Sizes Pre-Construction Video/Drone/Photos	1 1 1 1 1 1 1 1 1 1 1	LF LF EA IN/DIA/LF LF EA EA EA LF LF	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00 \$ 5.00 \$ 2.00 \$ 300.00 \$ 500.00 \$ 150.00 \$ 15.00 \$ 5.00	\$5.00 \$10.00 \$15.00 \$1,500.00 \$5.00 \$5.00 \$2.00 \$300.00 \$5500.00 \$150.00 \$15.00
108 109 110 111 112 113 114 115 116 117 118 119	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines) Above Ground Physical Inspection Smoke Testing Manhole/Cleanout & Sewer Line Visual Inspection GPS Survey of Manholes & Cleanouts Dyed Water Flooding/Leak Quantification & Evaluation Investigative Float TV - All Sizes Pre-Construction Video/Drone/Photos Flow Monitoring Meter - Installation	1 1 1 1 1 1 1 1 1 1 1 1	LF LF EA IN/DIA/LF LF EA EA EA LF LF LF	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00 \$ 5.00 \$ 2.00 \$ 300.00 \$ 500.00 \$ 150.00 \$ 150.00 \$ 1,500.00	\$5.00 \$10.00 \$15.00 \$1,500.00 \$5.00 \$5.00 \$2.00 \$300.00 \$500.00 \$150.00 \$15.00 \$5.00
108 109 110 111 112 113 114 115 116 117 118 119 120	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines) Above Ground Physical Inspection Smoke Testing Manhole/Cleanout & Sewer Line Visual Inspection GPS Survey of Manholes & Cleanouts Dyed Water Flooding/Leak Quantification & Evaluation Investigative Float TV - All Sizes Pre-Construction Video/Drone/Photos Flow Monitoring Meter - Installation Flow Monitoring Meter - per meter	1 1 1 1 1 1 1 1 1 1 1 1 1	LF LF EA IN/DIA/LF LF EA EA EA LF LF LF LF Day	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00 \$ 5.00 \$ 2.00 \$ 300.00 \$ 150.00 \$ 15.00 \$ 1,500.00 \$ 1,500.00 \$ 150.00	\$5.00 \$10.00 \$15.00 \$1,500.00 \$5.00 \$5.00 \$2.00 \$300.00 \$500.00 \$150.00 \$150.00 \$1,500
108 109 110 111 112 113 114 115 116 117 118 119 120 121	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines) Above Ground Physical Inspection Smoke Testing Manhole/Cleanout & Sewer Line Visual Inspection GPS Survey of Manholes & Cleanouts Dyed Water Flooding/Leak Quantification & Evaluation Investigative Float TV - All Sizes Pre-Construction Video/Drone/Photos Flow Monitoring Meter - Installation Flow Monitoring Meter - per meter Rain Gauge - Installation	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF LF EA IN/DIA/LF LF EA EA EA LF LF EA EA LF LF EA	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00 \$ 5.00 \$ 2.00 \$ 300.00 \$ 150.00 \$ 15.00 \$ 15.00 \$ 1,500.00 \$ 150.00 \$ 500.00	\$5.00 \$10.00 \$15.00 \$1,500.00 \$5.00 \$5.00 \$2.00 \$300.00 \$500.00 \$150.00 \$150.00 \$1,500.00 \$150.00 \$150.00
108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines) Above Ground Physical Inspection Smoke Testing Manhole/Cleanout & Sewer Line Visual Inspection GPS Survey of Manholes & Cleanouts Dyed Water Flooding/Leak Quantification & Evaluation Investigative Float TV - All Sizes Pre-Construction Video/Drone/Photos Flow Monitoring Meter - per meter Rain Gauge - Installation Rain Gauge - per gauge	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF LF EA IN/DIA/LF LF EA EA EA LF LF LF EA Day EA Day	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00 \$ 5.00 \$ 2.00 \$ 300.00 \$ 150.00 \$ 15.00 \$ 1,500.00 \$ 1,500.00 \$ 150.00 \$ 1,500.00 \$ 150.00 \$ 1,000.00 \$ 1,000.00 \$ 1,000.00	\$5.00 \$10.00 \$15.00 \$1,500.00 \$5.00 \$5.00 \$2.00 \$300.00 \$500.00 \$15.00 \$15.00 \$15.00 \$5.00 \$15.00 \$5.00 \$60.00
108 109 110 111 112 113 114 115 116 117 118 119 120 121	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines) Above Ground Physical Inspection Smoke Testing Manhole/Cleanout & Sewer Line Visual Inspection GPS Survey of Manholes & Cleanouts Dyed Water Flooding/Leak Quantification & Evaluation Investigative Float TV - All Sizes Pre-Construction Video/Drone/Photos Flow Monitoring Meter - Installation Flow Monitoring Meter - per meter Rain Gauge - Installation	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF LF EA IN/DIA/LF LF EA EA EA LF LF EA EA LF LF EA	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00 \$ 5.00 \$ 2.00 \$ 300.00 \$ 150.00 \$ 15.00 \$ 15.00 \$ 1,500.00 \$ 150.00 \$ 500.00	\$5.00 \$10.00 \$15.00 \$1,500.00 \$5.00 \$5.00 \$2.00 \$300.00 \$500.00 \$150.00 \$150.00 \$1,500.00 \$150.00 \$150.00
108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines) Above Ground Physical Inspection Smoke Testing Manhole/Cleanout & Sewer Line Visual Inspection GPS Survey of Manholes & Cleanouts Dyed Water Flooding/Leak Quantification & Evaluation Investigative Float TV - All Sizes Pre-Construction Video/Drone/Photos Flow Monitoring Meter - per meter Rain Gauge - Installation Rain Gauge - per gauge	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF LF EA IN/DIA/LF LF EA EA EA LF LF LF EA Day EA Day EA	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00 \$ 5.00 \$ 2.00 \$ 300.00 \$ 150.00 \$ 15.00 \$ 1,500.00 \$ 150.00 \$ 500.00 \$ 150.00 \$ 500.00 \$ 500.00	\$5.00 \$10.00 \$15.00 \$1,500.00 \$5.00 \$5.00 \$2.00 \$300.00 \$150.00 \$15.00 \$15.00 \$15.00 \$5.00 \$1,500.00 \$5.00 \$1,500.00 \$500.00
108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines) Above Ground Physical Inspection Smoke Testing Manhole/Cleanout & Sewer Line Visual Inspection GPS Survey of Manholes & Cleanouts Dyed Water Flooding/Leak Quantification & Evaluation Investigative Float TV - All Sizes Pre-Construction Video/Drone/Photos Flow Monitoring Meter - per meter Rain Gauge - Installation Rain Gauge - per gauge	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF LF EA IN/DIA/LF LF EA EA EA LF LF LF EA Day EA Day EA	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00 \$ 5.00 \$ 2.00 \$ 300.00 \$ 150.00 \$ 15.00 \$ 1,500.00 \$ 1,500.00 \$ 150.00 \$ 1,500.00 \$ 150.00 \$ 1,000.00 \$ 1,000.00 \$ 1,000.00	\$5.00 \$10.00 \$15.00 \$1,500.00 \$5.00 \$5.00 \$2.00 \$300.00 \$500.00 \$15.00 \$15.00 \$15.00 \$5.00 \$15.00 \$5.00 \$60.00
108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines) Above Ground Physical Inspection Smoke Testing Manhole/Cleanout & Sewer Line Visual Inspection GPS Survey of Manholes & Cleanouts Dyed Water Flooding/Leak Quantification & Evaluation Investigative Float TV - All Sizes Pre-Construction Video/Drone/Photos Flow Monitoring Meter - Installation Flow Monitoring Meter - per meter Rain Gauge - Installation Rain Gauge - per gauge Flow Monitoring - Report	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF LF EA IN/DIA/LF LF EA EA EA LF LF LF EA Day EA Day EA	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00 \$ 5.00 \$ 2.00 \$ 300.00 \$ 150.00 \$ 15.00 \$ 1,500.00 \$ 150.00 \$ 500.00 \$ 1,500.00 \$ 1,500.00	\$5.00 \$10.00 \$15.00 \$1,500.00 \$5.00 \$5.00 \$2.00 \$300.00 \$150.00 \$15.00 \$15.00 \$15.00 \$5.00 \$1,500.00 \$5.00 \$1,500.00 \$500.00
108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines) Above Ground Physical Inspection Smoke Testing Manhole/Cleanout & Sewer Line Visual Inspection GPS Survey of Manholes & Cleanouts Dyed Water Flooding/Leak Quantification & Evaluation Investigative Float TV - All Sizes Pre-Construction Video/Drone/Photos Flow Monitoring Meter - Installation Flow Monitoring Meter - per meter Rain Gauge - Installation Rain Gauge - Per gauge Flow Monitoring - Report	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF LF EA IN/DIA/LF LF EA EA EA LF LF LF EA Day EA Day EA	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00 \$ 5.00 \$ 2.00 \$ 300.00 \$ 150.00 \$ 15.00 \$ 1,500.00 \$ 150.00 \$ 500.00 \$ 150.00 \$ 500.00 \$ 500.00	\$5.00 \$10.00 \$15.00 \$1,500.00 \$5.00 \$5.00 \$2.00 \$300.00 \$150.00 \$15.00 \$15.00 \$15.00 \$5.00 \$1,500.00 \$5.00 \$1,500.00 \$500.00
108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines) Above Ground Physical Inspection Smoke Testing Manhole/Cleanout & Sewer Line Visual Inspection GPS Survey of Manholes & Cleanouts Dyed Water Flooding/Leak Quantification & Evaluation Investigative Float TV - All Sizes Pre-Construction Video/Drone/Photos Flow Monitoring Meter - Installation Flow Monitoring Meter - per meter Rain Gauge - Installation Rain Gauge - per gauge Flow Monitoring - Report	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF LF EA IN/DIA/LF LF EA EA EA EA LF LF EA Day EA Day EA SUM TOTA	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00 \$ 5.00 \$ 2.00 \$ 300.00 \$ 150.00 \$ 15.00 \$ 1,500.00 \$ 150.00 \$ 500.00 \$ 1,500.00 \$ 1,500.00	\$5.00 \$10.00 \$15.00 \$1,500.00 \$5.00 \$5.00 \$2.00 \$300.00 \$150.00 \$15.00 \$15.00 \$15.00 \$5.00 \$1,500.00 \$1,500.00 \$500.00 \$150.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00
108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines) Above Ground Physical Inspection Smoke Testing Manhole/Cleanout & Sewer Line Visual Inspection GPS Survey of Manholes & Cleanouts Dyed Water Flooding/Leak Quantification & Evaluation Investigative Float TV - All Sizes Pre-Construction Video/Drone/Photos Flow Monitoring Meter - Installation Flow Monitoring Meter - per meter Rain Gauge - Installation Rain Gauge - Per gauge Flow Monitoring - Report  E - Excavation  8" - 12" Point repair (0'- 8' deep )	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF LF EA IN/DIA/LF LF EA EA EA LF LF EA Day EA Day EA Day EA Day EA	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00 \$ 5.00 \$ 2.00 \$ 300.00 \$ 150.00 \$ 150.00	\$5.00 \$10.00 \$15.00 \$1,500.00 \$5.00 \$5.00 \$2.00 \$300.00 \$500.00 \$150.00 \$150.00 \$150.00 \$5,000 \$150.00 \$150.00 \$500.00 \$60.00 \$60.00 \$5,000.00
108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 Section 1 125 126	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines) Above Ground Physical Inspection Smoke Testing Manhole/Cleanout & Sewer Line Visual Inspection GPS Survey of Manholes & Cleanouts Dyed Water Flooding/Leak Quantification & Evaluation Investigative Float TV - All Sizes Pre-Construction Video/Drone/Photos Flow Monitoring Meter - Installation Flow Monitoring Meter - per meter Rain Gauge - Installation Rain Gauge - per gauge Flow Monitoring - Report  E - Excavation  8" - 12" Point repair (0'- 8' deep ) 8" - 12" Point repair (8'- 12' deep)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF LF EA IN/DIA/LF LF EA EA EA LF LF EA Day EA Day EA Day EA  SUM TOTA	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00 \$ 5.00 \$ 2.00 \$ 300.00 \$ 150.00 \$ 150.00 \$ 150.00 \$ 150.00 \$ 150.00 \$ 150.00 \$ 150.00 \$ 150.00 \$ 60.00 \$ 5,000.00	\$5.00 \$10.00 \$15.00 \$1,500.00 \$5.00 \$5.00 \$2.00 \$300.00 \$500.00 \$150.00 \$150.00 \$150.00 \$5,000 \$1,500.00 \$1,500.00 \$2,00 \$1,500.00 \$2,00 \$1,500.00 \$2,00 \$1,500.00 \$2,00 \$3,000 \$1,500.00 \$1,500.00 \$2,00 \$1,500.00 \$2,00 \$3,000
108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 Section   125 126 127	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines) Above Ground Physical Inspection Smoke Testing Manhole/Cleanout & Sewer Line Visual Inspection GPS Survey of Manholes & Cleanouts Dyed Water Flooding/Leak Quantification & Evaluation Investigative Float TV - All Sizes Pre-Construction Video/Drone/Photos Flow Monitoring Meter - Installation Flow Monitoring Meter - per meter Rain Gauge - Installation Rain Gauge - per gauge Flow Monitoring - Report  E - Excavation  8" - 12" Point repair (0'- 8' deep) 15" - 18" Point repair (0'-8' deep)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF LF EA IN/DIA/LF LF EA EA EA LF LF EA Day EA Day EA Day EA Day EA	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00 \$ 5.00 \$ 2.00 \$ 300.00 \$ 150.00 \$ 15.00 \$ 150.00 \$ 150.00 \$ 150.00 \$ 500.00 \$ 60.00 \$ 5,000.00 \$ 5,000.00 \$ 5,000.00	\$5.00 \$10.00 \$15.00 \$1,500.00 \$5.00 \$5.00 \$2.00 \$300.00 \$500.00 \$150.00 \$15.00 \$1,500.00 \$1,500.00 \$5,000.00 \$60.00 \$5,000.00 \$6,500.00 \$2,00 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00
108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 Section   125 126 127 128	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines) Above Ground Physical Inspection Smoke Testing Manhole/Cleanout & Sewer Line Visual Inspection GPS Survey of Manholes & Cleanouts Dyed Water Flooding/Leak Quantification & Evaluation Investigative Float TV - All Sizes Pre-Construction Video/Drone/Photos Flow Monitoring Meter - Installation Flow Monitoring Meter - per meter Rain Gauge - Installation Rain Gauge - per gauge Flow Monitoring - Report  E - Excavation  8" - 12" Point repair (0'- 8' deep) 15" - 18" Point repair (0'-8' deep) 15" - 18" Point repair (0'-8' deep) 15" - 18" Point repair (0'-8' deep)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF LF EA IN/DIA/LF LF EA EA EA EA LF LF EA Day EA Day EA SUM TOTA  Unit EA EA EA EA EA EA EA	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00 \$ 5.00 \$ 5.00 \$ 300.00 \$ 150.00 \$ 15.00 \$	\$5.00 \$10.00 \$15.00 \$1,500.00 \$5.00 \$5.00 \$2.00 \$300.00 \$150.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$500.00 \$40.00 \$500.00 \$60.00 \$5,000.00 \$5,000.00 \$10,341.00
108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 Section   125 126 127 128 129	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines) Above Ground Physical Inspection Smoke Testing Manhole/Cleanout & Sewer Line Visual Inspection GPS Survey of Manholes & Cleanouts Dyed Water Flooding/Leak Quantification & Evaluation Investigative Float TV - All Sizes Pre-Construction Video/Drone/Photos Flow Monitoring Meter - Installation Flow Monitoring Meter - per meter Rain Gauge - Installation Rain Gauge - per gauge Flow Monitoring - Report  E - Excavation  8" - 12" Point repair (0'- 8' deep) 15" - 18" Point repair (0'-8' deep) 15" - 18" Point repair (8'-12' deep) 21" - 24" Point repair (0'-8' deep)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF LF EA IN/DIA/LF LF EA EA EA LF LF EA Day EA Day EA  SUM TOTA  Unit EA EA EA EA EA EA	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00 \$ 5.00 \$ 2.00 \$ 300.00 \$ 150.00 \$ 15.00 \$ 15.00 \$ 15.00 \$ 15.00 \$ 15.00 \$ 15.00 \$ 60.00 \$ 60.00 \$ 60.00 \$ 5,000.00 \$ 15.00 \$ 15.00	\$5.00 \$10.00 \$15.00 \$1,500.00 \$5.00 \$5.00 \$2.00 \$300.00 \$150.00 \$150.00 \$15.00 \$5.00 \$1,500.00 \$5,000.00 \$60.00 \$60.00 \$5,000.00 \$10,341.00 Extension \$6,500.00 \$9,000.00 \$10,000.00 \$11,000.00
108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124  Section   125 126 127 128 129 130	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines) Above Ground Physical Inspection Smoke Testing Manhole/Cleanout & Sewer Line Visual Inspection GPS Survey of Manholes & Cleanouts Dyed Water Flooding/Leak Quantification & Evaluation Investigative Float TV - All Sizes Pre-Construction Video/Drone/Photos Flow Monitoring Meter - Installation Flow Monitoring Meter - per meter Rain Gauge - Installation Rain Gauge - Per gauge Flow Monitoring - Report  E - Excavation  8" - 12" Point repair (0'- 8' deep) 15" - 18" Point repair (8'-12' deep) 15" - 18" Point repair (0'-8' deep) 15" - 18" Point repair (0'-8' deep) 21" - 24" Point repair (0'-12' deep)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF LF EA IN/DIA/LF LF EA EA EA LF EA Day EA Day EA  SUM TOTA EA	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00 \$ 5.00 \$ 2.00 \$ 300.00 \$ 150.00 \$ 150.00 \$ 150.00 \$ 150.00 \$ 60.00 \$ 5,000.00 \$ 60.00 \$ 5,000.00 \$ 150.00 \$ 150.00	\$5.00 \$10.00 \$15.00 \$1,500.00 \$5.00 \$5.00 \$2.00 \$300.00 \$500.00 \$150.00 \$150.00 \$15.00 \$15.00 \$15.00 \$500.00 \$60.00 \$60.00 \$500.00 \$60.00 \$10,341.00 Extension \$6,500.00 \$3,000.00 \$1,000.00 \$1,000.00 \$1,000.00
108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124  Section   125 126 127 128 129 130 131	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines) Above Ground Physical Inspection Smoke Testing Manhole/Cleanout & Sewer Line Visual Inspection GPS Survey of Manholes & Cleanouts Dyed Water Flooding/Leak Quantification & Evaluation Investigative Float TV - All Sizes Pre-Construction Video/Drone/Photos Flow Monitoring Meter - Installation Flow Monitoring Meter - per meter Rain Gauge - Installation Rain Gauge - per gauge Flow Monitoring - Report  E - Excavation  8" - 12" Point repair (0'- 8' deep) 15" - 18" Point repair (0'-8' deep) 15" - 18" Point repair (0'-8' deep) 21" - 24" Point repair (8'-12' deep) 8" - 12" Point repair (8'-12' deep)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF LF EA IN/DIA/LF LF EA EA EA LF LF EA Day EA Day EA  Day EA  Day EA  LF LF EA Day EA Day EA LF LF EA Day EA Day EA Day EA LF LF EA Day EA Day EA Day EA LF LF EA Day EA Day EA Day EA Day EA Day EA Day EA	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00 \$ 5.00 \$ 2.00 \$ 300.00 \$ 150.00 \$ 150.00 \$ 150.00 \$ 150.00 \$ 150.00 \$ 150.00 \$ 150.00 \$ 60.00 \$ 60.00 \$ 5,000.00 \$ 3,000.00 \$ 3,000.00 \$ 3,000.00 \$ 3,000.00 \$ 3,000.00 \$ 3,000.00 \$ 3,000.00 \$ 3,000.00 \$ 15,000.00	\$5.00 \$10.00 \$15.00 \$1,500.00 \$5.00 \$5.00 \$2.00 \$300.00 \$500.00 \$150.00 \$150.00 \$150.00 \$5,000 \$150.00 \$5,000 \$60.00 \$5,000 \$60.00 \$5,000.00 \$10,341.00 Extension \$6,500.00 \$3,000.00 \$3,000.00 \$3,000.00 \$10,000.00 \$15,000.00 \$3,000.00 \$300.00
108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124  Section 125 126 127 128 129 130 131	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines) Above Ground Physical Inspection Smoke Testing Manhole/Cleanout & Sewer Line Visual Inspection GPS Survey of Manholes & Cleanouts Dyed Water Flooding/Leak Quantification & Evaluation Investigative Float TV - All Sizes Pre-Construction Video/Drone/Photos Flow Monitoring Meter - Installation Flow Monitoring Meter - per meter Rain Gauge - Installation Rain Gauge - per gauge Flow Monitoring - Report  E - Excavation  8" - 12" Point repair (0'- 8' deep) 15" - 18" Point repair (0'-8' deep) 21" - 24" Point repair (8'-12' deep) 8" - 12" Point repair (8'-12' deep) 21" - 24" Point repair (8'-12' deep) 8" - 12" Point repair extra length 15" - 18" Point repair extra length	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF LF EA IN/DIA/LF LF EA EA EA LF LF EA Day EA Day EA  SUM TOTA  EA E	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00 \$ 5.00 \$ 2.00 \$ 300.00 \$ 150.00 \$ 150.00 \$ 150.00 \$ 150.00 \$ 150.00 \$ 150.00 \$ 60.00 \$ 60.00 \$ 5,000.00 \$ 150.00 \$ 40.00 \$ 40.00 \$ 400.00	\$5.00 \$10.00 \$15.00 \$15.00 \$1,500.00 \$5.00 \$5.00 \$2.00 \$300.00 \$500.00 \$150.00 \$150.00 \$150.00 \$5500.00 \$150.00 \$500.00 \$60.00 \$5,000.00 \$5,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00
108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124  Section 125 126 127 128 129 130 131 132 133	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines) Above Ground Physical Inspection Smoke Testing Manhole/Cleanout & Sewer Line Visual Inspection GPS Survey of Manholes & Cleanouts Dyed Water Flooding/Leak Quantification & Evaluation Investigative Float TV - All Sizes Pre-Construction Video/Drone/Photos Flow Monitoring Meter - Installation Flow Monitoring Meter - per meter Rain Gauge - Installation Rain Gauge - Per gauge Flow Monitoring - Report  E - Excavation  8" - 12" Point repair (0'-8' deep) 15" - 18" Point repair (0'-8' deep) 21" - 24" Point repair (8'-12' deep) 21" - 24" Point repair (8'-12' deep) 21" - 24" Point repair (8'-12' deep) 3" - 12" Point repair (8'-12' deep) 15" - 18" Point repair (8'-12' deep)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF LF EA IN/DIA/LF LF EA EA EA EA LF LF EA Day EA  Day EA  SUM TOTA  LE EA LE	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00 \$ 5.00 \$ 2.00 \$ 300.00 \$ 150.00 \$	\$5.00 \$10.00 \$15.00 \$15.00 \$1,500.00 \$5.00 \$5.00 \$2.00 \$300.00 \$5500.00 \$150.00 \$150.00 \$150.00 \$5500.00 \$150.00 \$500.00 \$410.00 \$500.00 \$500.00 \$150.00 \$500.00 \$500.00 \$500.00 \$500.00 \$500.00 \$500.00 \$500.00 \$500.00 \$500.00 \$500.00 \$500.00 \$500.00 \$500.00 \$500.00 \$500.00 \$500.00 \$500.00 \$500.00
108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124  Section 125 126 127 128 129 130 131	Root/Grease removal 15" - 18" Root/Grease removal 21" - 24" Other Remote Obstruction removal (max. 3 lf) Tuberculation or Other Material Removal or Mitigation (Pressure & Gravity Pipelines) Above Ground Physical Inspection Smoke Testing Manhole/Cleanout & Sewer Line Visual Inspection GPS Survey of Manholes & Cleanouts Dyed Water Flooding/Leak Quantification & Evaluation Investigative Float TV - All Sizes Pre-Construction Video/Drone/Photos Flow Monitoring Meter - Installation Flow Monitoring Meter - per meter Rain Gauge - Installation Rain Gauge - per gauge Flow Monitoring - Report  E - Excavation  8" - 12" Point repair (0'- 8' deep) 15" - 18" Point repair (0'-8' deep) 21" - 24" Point repair (8'-12' deep) 8" - 12" Point repair (8'-12' deep) 21" - 24" Point repair (8'-12' deep) 8" - 12" Point repair extra length 15" - 18" Point repair extra length	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF LF EA IN/DIA/LF LF EA EA EA LF LF EA Day EA Day EA  SUM TOTA  EA E	\$ 10.00 \$ 15.00 \$ 1,500.00 \$ 5.00 \$ 5.00 \$ 2.00 \$ 300.00 \$ 150.00 \$ 150.00 \$ 150.00 \$ 150.00 \$ 150.00 \$ 150.00 \$ 60.00 \$ 60.00 \$ 5,000.00 \$ 150.00 \$ 40.00 \$ 40.00 \$ 400.00	\$5.00 \$10.00 \$15.00 \$15.00 \$1,500.00 \$5.00 \$5.00 \$2.00 \$300.00 \$500.00 \$150.00 \$150.00 \$150.00 \$5500.00 \$150.00 \$500.00 \$60.00 \$5,000.00 \$5,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00

136	Extra length service over 5' long	1	LF	\$ 75.00	\$75.00	
137	Access Pit (0'-8' deep)	1	EA	\$ 5,000.00	\$5,000.00	
138	Access Pit (8'-12' deep)	1	EA	\$ 7,500.00	\$7,500.00	
139	Access Pit (>12'-15' deep)	1	EA	\$ 25,000.00	\$25,000.00	
140	Access Pit (>15'-20' deep)	1	EA	\$ 40,000.00	\$40,000.00	
141	Extra Depth Access Pit (>20VF)	1	VF	\$ 5,750.00	\$5,750.00	
142	Potholing for Nearby Utility Location (0'-8' deep up to 4Hr duration)	1	EA	\$ 2,000.00	\$2,000.00	
143	Potholing for Nearby Utility Location (8'-12' deep up to 4Hr duration)	1	EA	\$ 2,500.00	\$2,500.00	
144	Potholing for Nearby Utility Location (>12' deep up to 4Hr duration)	1	EA	\$ 3,500.00	\$3,500.00	
145	Trench safety	1	LF	\$ 25.00	\$25.00	
146	Modified Trench safety (other than conventional shore boxes)	1	VF	\$ 500.00	\$500.00	
147	Special shoring - Coffer dam	1	EA	\$ 25,000.00	\$25,000.00	
148	Install New 4' DIA manhole 0' - 6' deep	1	EA	\$ 10,000.00	\$10,000.00	
149	Extra depth 4' DIA manhole over 6' deep	1	VF	\$ 600.00	\$600.00	
150	Install New 5' DIA manhole 0' - 6' deep	1	EA	\$ 15,000.00	\$15,000.00	
151	Extra depth 5' DIA manhole over 6' deep	1	VF	\$ 1,000.00	\$1,000.00	
152	Install New 6' DIA manhole 0' - 6' deep	1	EA	\$ 25,000.00	\$25,000.00	
153	Extra depth 6' DIA manhole over 6' deep	1	VF	\$ 1,250.00	\$1,250.00	
154	R/R MH cone	1	EA	\$ 10,000.00	\$10,000.00	
155	Sawcutting MH or structure	1	EA	\$ 15,000.00	\$15,000.00	
156	Install WW Access Chamber	1	EA	\$ 6,000.00	\$6,000.00	
157	Remove/Replace End-of-Line Cleanout	1	EA	\$ 3,500.00	\$3,500.00	
158	Install End-of-Line Cleanout	1	EA	\$ 5,000.00	\$5,000.00	
159	Install Cleanout on Service Line	1	EA	\$ 2,000.00	\$2,000.00	
160	Remove existing MH 0'-6' deep	1	EA	\$ 3,000.00	\$3,000.00	
161	Extra depth Remove existing MH >6' deep	1	VF	\$ 600.00	\$600.00	
162	Reconstruct external MH drop	1	EA	\$ 8,500.00	\$8,500.00	
163	Cement stabilized sand	1	Ton	\$ 200.00	\$200.00	
164	Granular backfill	1	Ton	\$ 100.00	\$100.00	
165	Flowable Fill	1	CY	\$ 250.00	\$250.00	
166	Select backfill as designated by Owner	1	Ton	\$ 100.00	\$100.00	
167	Dewatering Setup	1	EA	\$ 12,000.00	\$12,000.00	
168	Well Points	1	LF	\$ 900.00	\$900.00	
169	Well Point Operation	1	DAY	\$ 1,000.00	\$1,000.00	
170	Construction entrance	1	EA	\$ 9,000.00	\$9,000.00	
171	Install/Remove crushed rock road w/ filter fabric 15' wide	1	LF	\$ 100.00	\$100.00	
172	Access Matting Delivery	1	LOAD	\$ 5,000.00	\$5,000.00	
173	Access Matting (per mat) Install/Pickup	1	EA	\$ 150.00	\$150.00	
174	Access Matting (per mat)	1	DAY	\$ 20.00	\$20.00	
175	Extra hand excavation	1	CY	\$ 100.00	\$100.00	
176	4" to 8" Open Cut Replacement (0'-6' deep)	1	LF	\$ 250.00	\$250.00	
177	10" to 12" Open Cut Replacement (0'-6' deep)	1	LF	\$ 300.00	\$300.00	
178	15" to 18" Open Cut Replacement (0'-6' deep)	1	LF	\$ 400.00	0.000	
					\$400.00	
179	21" to 24" Open Cut Replacement (0'-6' deep)	1	LF	\$ 500.00	\$500.00	
180	Open Cut Extra Depth Add-On	1	LF	\$ 500.00 \$ 250.00	\$500.00 \$250.00	
180 181	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan)	1 1	LF EA	\$ 500.00 \$ 250.00 \$ 5,000.00	\$500.00 \$250.00 \$5,000.00	
180 181 182	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting	1 1 1	LF EA EA	\$ 500.00 \$ 250.00 \$ 5,000.00 \$ 1,000.00	\$500.00 \$250.00 \$5,000.00 \$1,000.00	
180 181 182 183	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Device Setup	1 1 1	LF EA EA	\$ 500.00 \$ 250.00 \$ 5,000.00 \$ 1,000.00 \$ 5,000.00	\$500.00 \$250.00 \$5,000.00 \$1,000.00 \$5,000.00	
180 181 182 183 184	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Device Setup Silt Fence	1 1 1	LF EA EA	\$ 500.00 \$ 250.00 \$ 5,000.00 \$ 1,000.00	\$500.00 \$250.00 \$5,000.00 \$1,000.00	
180 181 182 183 184 <b>Note: A</b> n	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Device Setup Silt Fence Ty pipe excavation above 24" or digging item deeper than 12' is on an individual	1 1 1	LF EA EA	\$ 500.00 \$ 250.00 \$ 5,000.00 \$ 1,000.00 \$ 5,000.00	\$500.00 \$250.00 \$5,000.00 \$1,000.00 \$5,000.00	
180 181 182 183 184 <b>Note: A</b> n	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Device Setup Silt Fence Ty pipe excavation above 24" or digging item deeper than 12' is on an individual	1 1 1	LF EA EA EA LF	\$ 500.00 \$ 250.00 \$ 5,000.00 \$ 1,000.00 \$ 5,000.00 \$ 15.00	\$500.00 \$250.00 \$5,000.00 \$1,000.00 \$5,000.00 \$15.00	
180 181 182 183 184 <b>Note: A</b> n	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Device Setup Silt Fence Ty pipe excavation above 24" or digging item deeper than 12' is on an individual	1 1 1	LF EA EA EA LF	\$ 500.00 \$ 250.00 \$ 5,000.00 \$ 1,000.00 \$ 5,000.00	\$500.00 \$250.00 \$5,000.00 \$1,000.00 \$5,000.00 \$15.00	,135.00
180 181 182 183 184 <b>Note: A</b> n	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Device Setup Silt Fence Ty pipe excavation above 24" or digging item deeper than 12' is on an individual	1 1 1	LF EA EA EA LF	\$ 500.00 \$ 250.00 \$ 5,000.00 \$ 1,000.00 \$ 5,000.00 \$ 15.00	\$500.00 \$250.00 \$5,000.00 \$1,000.00 \$5,000.00 \$15.00	,135.00
180 181 182 183 184 Note: An quote ba	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Device Setup Silt Fence by pipe excavation above 24" or digging item deeper than 12' is on an individual sisis.  F - Additional Associated Items	1 1 1	LF EA EA EA LF SUM TOTA	\$ 500.00 \$ 250.00 \$ 5,000.00 \$ 1,000.00 \$ 5,000.00 \$ 15.00 L SECTION E:	\$500.00 \$250.00 \$5,000.00 \$1,000.00 \$5,000.00 \$15.00 \$331	,135.00
180 181 182 183 184 Note: An quote ba	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Device Setup Silt Fence The property of the pro	1 1 1 1 1 1 1 1	LF EA EA EA LF SUM TOTA Unit SY	\$ 500.00 \$ 250.00 \$ 5,000.00 \$ 1,000.00 \$ 5,000.00 \$ 15.00 L SECTION E: Unit Price \$ 250.00	\$500.00 \$250.00 \$5,000.00 \$1,000.00 \$5,000.00 \$15.00 \$331 <u>Extension</u> \$250.00	,135.00
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180 181 182 183 184 Note: An quote ba Section 1 185 186 187	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Device Setup Silt Fence by pipe excavation above 24" or digging item deeper than 12' is on an individual siss.  F - Additional Associated Items Repair/Rehab 2" Asphalt pavement Repair/Rehab 8" Flex base Sawcutting Repair/Rehab 8" Concrete pavement	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF EA EA EA LF SUM TOTA Unit SY SY LF SY	\$ 500.00 \$ 250.00 \$ 5,000.00 \$ 1,000.00 \$ 15.00 \$ 15.00 \$ 15.00 L SECTION E: Unit Price \$ 250.00 \$ 100.00 \$ 400.00	\$500.00 \$250.00 \$5,000.00 \$1,000.00 \$5,000.00 \$15.00 \$15.00 \$331 Extension \$250.00 \$100.00 \$10.00	,135.00
180 181 182 183 184 Note: An quote ba Section 1 185 186 187	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Device Setup Silt Fence by pipe excavation above 24" or digging item deeper than 12' is on an individual siss.  F - Additional Associated Items Repair/Rehab 2" Asphalt pavement Repair/Rehab 8" Flex base Sawcutting Repair/Rehab 8" Concrete pavement Repair/Rehab 6" Concrete	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF EA EA EA LF SUM TOTA Unit SY SY LF SY SF	\$ 500.00 \$ 250.00 \$ 5,000.00 \$ 1,000.00 \$ 5,000.00 \$ 15.00 \$ 15.00 \$ 250.00 \$ 100.00 \$ 10.00 \$ 400.00 \$ 70.00	\$500.00 \$250.00 \$5,000.00 \$1,000.00 \$5,000.00 \$15.00 \$15.00 \$3331 <u>Extension</u> \$250.00 \$100.00 \$400.00 \$70.00	,135.00
180 181 182 183 184 Note: An quote ba Section 1 185 186 187	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Device Setup Silt Fence typ pipe excavation above 24" or digging item deeper than 12' is on an individual sis.  F - Additional Associated Items Repair/Rehab 2" Asphalt pavement Repair/Rehab 8" Flex base Sawcutting Repair/Rehab 8" Concrete pavement Repair/Rehab 6" Concrete Repair/Rehab 6" Concrete Repair/Rehab 4" Concrete	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF EA EA EA LF  SUM TOTA  Unit SY SY SY LF SY SF SF	\$ 500.00 \$ 250.00 \$ 5,000.00 \$ 1,000.00 \$ 5,000.00 \$ 15.00 \$ 15.00 \$ 10.00 \$ 10.00 \$ 10.00 \$ 400.00 \$ 45.00	\$500.00 \$250.00 \$5,000.00 \$1,000.00 \$5,000.00 \$15.00 \$15.00 \$250.00 \$100.00 \$100.00 \$400.00 \$70.00	,135.00
180 181 182 183 184 Note: An quote ba Section 1 185 186 187 188	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Device Setup Silt Fence by pipe excavation above 24" or digging item deeper than 12' is on an individual siss.  F - Additional Associated Items Repair/Rehab 2" Asphalt pavement Repair/Rehab 8" Flex base Sawcutting Repair/Rehab 8" Concrete pavement Repair/Rehab 6" Concrete	1 1 1 1 1 1 2 Quantity 1 1 1 1	LF EA EA EA LF  SUM TOTA  Unit SY SY LF SY SF SF LF	\$ 500.00 \$ 250.00 \$ 5,000.00 \$ 1,000.00 \$ 5,000.00 \$ 15.00 \$ 15.00 \$ 10.00 \$ 10.00 \$ 10.00 \$ 400.00 \$ 70.00 \$ 45.00 \$ 75.00	\$500.00 \$250.00 \$5,000.00 \$1,000.00 \$15,000.00 \$15.00 \$15.00 \$250.00 \$100.00 \$400.00 \$400.00 \$45.00 \$75.00	,135.00
180 181 182 183 184 Note: An quote ba Section   185 186 187 188 189 190 191 192	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Device Setup Silt Fence The provided state of the provided	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF EA EA EA LF  SUM TOTA  Unit SY SY SY LF SY SF SF	\$ 500.00 \$ 250.00 \$ 5,000.00 \$ 1,000.00 \$ 5,000.00 \$ 15.00 \$ 15.00 \$ 10.00 \$ 10.00 \$ 10.00 \$ 400.00 \$ 45.00	\$500.00 \$250.00 \$5,000.00 \$1,000.00 \$15,000.00 \$15.00 \$15.00 \$250.00 \$100.00 \$400.00 \$400.00 \$75.00 \$10,000.00	,135.00
180 181 182 183 184 Note: An quote ba Section 1 185 186 187 188 189 190	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Device Setup Silt Fence  The provided state of the st	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF EA EA EA LF  SUM TOTA  Unit SY SY LF SY SF SF LF	\$ 500.00 \$ 250.00 \$ 5,000.00 \$ 1,000.00 \$ 5,000.00 \$ 15.00 \$ 15.00 \$ 10.00 \$ 10.00 \$ 10.00 \$ 400.00 \$ 70.00 \$ 45.00 \$ 75.00	\$500.00 \$250.00 \$5,000.00 \$5,000.00 \$5,000.00 \$15.00 \$15.00 \$250.00 \$100.00 \$400.00 \$75.00 \$10,000.00 \$250.00	,135.00
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180 181 182 183 184 Note: An quote ba Section   185 186 187 188 189 190 191 192 193	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Device Setup Silt Fence  The provided state of the st	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF EA EA LF  SUM TOTA  Unit SY SY LF SY SF LF EA SY	\$ 500.00 \$ 250.00 \$ 5,000.00 \$ 1,000.00 \$ 5,000.00 \$ 15.00 \$ 15.00 L SECTION E: Unit Price \$ 250.00 \$ 10.00 \$ 400.00 \$ 70.00 \$ 45.00 \$ 75.00 \$ 10,000.00 \$ 25.00	\$500.00 \$250.00 \$5,000.00 \$1,000.00 \$5,000.00 \$15.00 \$15.00 \$250.00 \$100.00 \$400.00 \$70.00 \$45.00 \$75.00 \$10,000 \$10,000 \$10,000 \$10,000 \$45.00 \$10,00	,135.00
180 181 182 183 184 Note: An quote ba Section   185 186 187 188 189 190 191 192 193 194	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Device Setup Silt Fence By pipe excavation above 24" or digging item deeper than 12' is on an individual siss.  F - Additional Associated Items Repair/Rehab 2" Asphalt pavement Repair/Rehab 8" Flex base Sawcutting Repair/Rehab 8" Concrete pavement Repair/Rehab 6" Concrete Repair/Rehab 6" Concrete Repair/Rehab 4" Concrete Repair/Rehab Concrete curb and gutter ADA Ramp Sod Hydromulch Top soil Grading	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF EA EA EA LF  SUM TOTA  Unit SY SY LF SY SF LF EA SY SY SY CY SY	\$ 500.00 \$ 250.00 \$ 5,000.00 \$ 1,000.00 \$ 5,000.00 \$ 15.00 L SECTION E: Unit Price \$ 250.00 \$ 100.00 \$ 400.00 \$ 70.00 \$ 45.00 \$ 10,000.00 \$ 25.00 \$ 10,000.00 \$ 10,000.00	\$500.00 \$250.00 \$250.00 \$5,000.00 \$1,000.00 \$5,000.00 \$15.00 \$15.00 \$15.00 \$250.00 \$100.00 \$45.00 \$70.00 \$45.00 \$10,000.00 \$250.00 \$10,000.00 \$250.00 \$10,000.00 \$250.00 \$10,000.00 \$250.00 \$10,000.00	,135.00
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180 181 182 183 184 Note: An quote base of the part of the pa	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Device Setup Silt Fence hypipe excavation above 24" or digging item deeper than 12' is on an individual sis.  F - Additional Associated Items Repair/Rehab 2" Asphalt pavement Repair/Rehab 8" Flex base Sawcutting Repair/Rehab 8" Concrete pavement Repair/Rehab 6" Concrete Repair/Rehab 4" Concrete Repair/Rehab 4" Concrete Repair/Rehab Concrete curb and gutter ADA Ramp Sod Hydromulch Top soil Grading Repair/Rehab chain link fence with new Repair/Rehab wooden fence with new Repair/Rehab wooden fence with new	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF EA EA EA LF  SUM TOTA  Unit SY SY LF SY SF LF EA SY SY SY CY SY	\$ 500.00 \$ 250.00 \$ 5,000.00 \$ 1,000.00 \$ 5,000.00 \$ 15.00 \$ 15.00 L SECTION E: Unit Price \$ 250.00 \$ 10.00 \$ 10.00 \$ 70.00 \$ 400.00 \$ 75.00 \$ 10.00 \$ 80.00 \$ 80.00 \$ 10.00 \$ 75.00 \$ 10.00 \$ 75.00	\$500.00 \$250.00 \$250.00 \$5,000.00 \$1,000.00 \$1,000.00 \$15.00 \$15.00 \$15.00 \$250.00 \$100.00 \$400.00 \$400.00 \$75.00 \$10.00 \$80.00 \$100.00 \$80.00 \$100.00 \$75.00 \$100.00 \$75.00	,135.00
180 181 182 183 184 Note: An quote batter of the properties o	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Device Setup Silt Fence styp pipe excavation above 24" or digging item deeper than 12' is on an individual sis.  F - Additional Associated Items Repair/Rehab 2" Asphalt pavement Repair/Rehab 8" Flex base Sawcutting Repair/Rehab 8" Concrete pavement Repair/Rehab 6" Concrete Repair/Rehab Concrete curb and gutter ADA Ramp Sod Hydromulch Top soil Grading Repair/Rehab chain link fence with new Repair/Rehab wooden fence with new Traffic Control - Residential	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF EA EA EA LF  SUM TOTA  Unit SY SY LF SY SF LF EA SY SY CY SY LF	\$ 500.00 \$ 250.00 \$ 5,000.00 \$ 1,000.00 \$ 5,000.00 \$ 15.00 L SECTION E: Unit Price \$ 250.00 \$ 10.00 \$ 400.00 \$ 70.00 \$ 45.00 \$ 75.00 \$ 10.00 \$ 10.00 \$ 75.00 \$ 10.00 \$ 10.00 \$ 10.00 \$ 75.00 \$ 10.00 \$ 10.00	\$500.00 \$250.00 \$250.00 \$5,000.00 \$1,000.00 \$5,000.00 \$15.00 \$15.00 \$15.00 \$250.00 \$100.00 \$45.00 \$77.00 \$45.00 \$10,000.00 \$25.00 \$10,000.00 \$25.00 \$100.00 \$80.00 \$75.00	,135.00
180 181 182 183 184 Note: An quote ba Section 1 185 186 187 188 190 191 192 193 194 195 196 197 198	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Device Setup Silt Fence  by pipe excavation above 24" or digging item deeper than 12' is on an individual sis.  F - Additional Associated Items Repair/Rehab 2" Asphalt pavement Repair/Rehab 8" Flex base Sawcutting Repair/Rehab 8" Concrete pavement Repair/Rehab 6" Concrete Repair/Rehab 6" Concrete Repair/Rehab 4" Concrete Repair/Rehab 4" Concrete Repair/Rehab Concrete curb and gutter ADA Ramp Sod Hydromulch Top soil Grading Repair/Rehab chain link fence with new Repair/Rehab wooden fence with new Traffic Control - Residential Traffic Control - Residential Traffic Control - Residential	Quantity  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF EA EA EA LF  SUM TOTA  Unit SY SY LF EA SY SF CF EA SY CY SY LF LF LF EA LF	\$ 500.00 \$ 250.00 \$ 5,000.00 \$ 1,000.00 \$ 5,000.00 \$ 15.00 \$ 15.00 L SECTION E: Unit Price \$ 250.00 \$ 10.00 \$ 400.00 \$ 70.00 \$ 45.00 \$ 75.00 \$ 10.00 \$ 10.00 \$ 75.00 \$ 10.00 \$ 10.00 \$ 75.00 \$ 10.00 \$ 25.00 \$ 10.00 \$ 10.00	\$500.00 \$250.00 \$250.00 \$1,000.00 \$5,000.00 \$5,000.00 \$15.000 \$15.000 \$15.000 \$100.00 \$100.00 \$400.00 \$75.00 \$10,000.00 \$25.00 \$10,000 \$75.00 \$10,000 \$75.00 \$10,000 \$75.00 \$10,000 \$75.00 \$10,000 \$75.00 \$10,000 \$75.00	,135.00
180 181 182 183 184 Note: An quote ba Section 1 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Device Setup Silt Fence styp pipe excavation above 24" or digging item deeper than 12' is on an individual sis.  F - Additional Associated Items Repair/Rehab 2" Asphalt pavement Repair/Rehab 8" Flex base Sawcutting Repair/Rehab 8" Concrete pavement Repair/Rehab 6" Concrete Repair/Rehab Concrete curb and gutter ADA Ramp Sod Hydromulch Top soil Grading Repair/Rehab chain link fence with new Repair/Rehab wooden fence with new Traffic Control - Residential	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF EA EA EA LF  SUM TOTA  Unit SY SY LF EA SY SF LF EA SY CY SY LF LF LF Day	\$ 500.00 \$ 250.00 \$ 5,000.00 \$ 1,000.00 \$ 5,000.00 \$ 15.00 L SECTION E: Unit Price \$ 250.00 \$ 10.00 \$ 400.00 \$ 70.00 \$ 45.00 \$ 75.00 \$ 10.00 \$ 10.00 \$ 75.00 \$ 10.00 \$ 10.00 \$ 10.00 \$ 75.00 \$ 10.00 \$ 10.00	\$500.00 \$250.00 \$250.00 \$5,000.00 \$1,000.00 \$1,000.00 \$15.00 \$15.00  \$250.00 \$10.00 \$10.00 \$440.00 \$75.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$75.00 \$10.00 \$80.00 \$10.00 \$75.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00	,135.00
180 181 182 183 184 Note: An quote ba Section   185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Device Setup Silt Fence By pipe excavation above 24" or digging item deeper than 12' is on an individual sis.  F - Additional Associated Items Repair/Rehab 2" Asphalt pavement Repair/Rehab 8" Flex base Sawcutting Repair/Rehab 8" Concrete pavement Repair/Rehab 6" Concrete Repair/Rehab 6" Concrete Repair/Rehab 4" Concrete Repair/Rehab Concrete curb and gutter ADA Ramp Sod Hydromulch Top soil Grading Repair/Rehab chain link fence with new Repair/Rehab wooden fence with new Traffic Control - Residential Traffic Control - Lane Closure Traffic Control - DOT or County Controlled Flagmen	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF EA EA EA LF  SUM TOTA  Unit SY SY LF SY SF LF EA SY SY CY SY LF LF Day Day	\$ 500.00 \$ 250.00 \$ 5,000.00 \$ 1,000.00 \$ 5,000.00 \$ 5,000.00 \$ 15.00 L SECTION E: Unit Price \$ 250.00 \$ 100.00 \$ 400.00 \$ 400.00 \$ 75.00 \$ 10.00 \$ 10.00 \$ 250.00 \$ 10.00 \$ 75.00 \$ 10.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00	\$500.00 \$250.00 \$250.00 \$1,000.00 \$5,000.00 \$5,000.00 \$15.000 \$15.000 \$15.000 \$100.00 \$100.00 \$400.00 \$75.00 \$10,000.00 \$25.00 \$10,000 \$75.00 \$10,000 \$75.00 \$10,000 \$75.00 \$10,000 \$75.00 \$10,000 \$75.00 \$10,000 \$75.00	,135.00
180 181 182 183 184 Note: An quote ba  Section 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Device Setup Silt Fence  by pipe excavation above 24" or digging item deeper than 12' is on an individual sis.  F - Additional Associated Items  Repair/Rehab 2" Asphalt pavement Repair/Rehab 8" Flex base Sawcutting Repair/Rehab 8" Concrete pavement Repair/Rehab 6" Concrete Repair/Rehab 6" Concrete Repair/Rehab 4" Concrete Repair/Rehab Concrete curb and gutter ADA Ramp Sod Hydromulch Top soil Grading Repair/Rehab chain link fence with new Repair/Rehab wooden fence with new Traffic Control - Residential Traffic Control - DOT or County Controlled	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF EA EA LF  SUM TOTA  Unit SY SY LF SY SF SF LF EA SY SY CY SY LF LF Day Day Day	\$ 500.00 \$ 250.00 \$ 1,000.00 \$ 1,000.00 \$ 5,000.00 \$ 15.00 \$ 15.00 L SECTION E: Unit Price \$ 250.00 \$ 100.00 \$ 400.00 \$ 45.00 \$ 75.00 \$ 10,000.00 \$ 25.00 \$ 10,000 \$ 10,000 \$ 10,000 \$ 10,000 \$ 25.00 \$ 10,000 \$ 3,000 \$ 3,500.00	\$500.00 \$250.00 \$250.00 \$1,000.00 \$5,000.00 \$5,000.00 \$15.000 \$15.00 \$331  Extension \$250.00 \$100.00 \$400.00 \$70.00 \$45.00 \$10,000.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$25.00 \$10.00 \$75.00 \$75.00 \$75.00 \$75.00 \$75.00 \$3,500.00	,135.00
180 181 182 183 184 Note: An quote ba Section   185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Device Setup Silt Fence By pipe excavation above 24" or digging item deeper than 12' is on an individual sis.  F - Additional Associated Items Repair/Rehab 2" Asphalt pavement Repair/Rehab 8" Flex base Sawcutting Repair/Rehab 8" Concrete pavement Repair/Rehab 6" Concrete Repair/Rehab 6" Concrete Repair/Rehab 4" Concrete Repair/Rehab Concrete curb and gutter ADA Ramp Sod Hydromulch Top soil Grading Repair/Rehab chain link fence with new Repair/Rehab wooden fence with new Traffic Control - Residential Traffic Control - Lane Closure Traffic Control - DOT or County Controlled Flagmen	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF EA EA EA LF  SUM TOTA  Unit SY SY LF SY SF CF EA SY SY CY SY LF LF Day Day Day HR	\$ 500.00 \$ 250.00 \$ 5,000.00 \$ 1,000.00 \$ 5,000.00 \$ 5,000.00 \$ 15.00 L SECTION E: Unit Price \$ 250.00 \$ 100.00 \$ 400.00 \$ 400.00 \$ 75.00 \$ 10.00 \$ 10.00 \$ 250.00 \$ 10.00 \$ 75.00 \$ 10.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00	\$500.00 \$250.00 \$250.00 \$1,000.00 \$5,000.00 \$1,000.00 \$15.00 \$15.00 \$3331  Extension \$250.00 \$100.00 \$400.00 \$70.00 \$45.00 \$10,000.00 \$250.00 \$10.00 \$10.00 \$250.00 \$10.00 \$250.00 \$10.00 \$250.00 \$350.00 \$75.00 \$1,000.00 \$2,500.00 \$75.00	,135.00
180 181 182 183 184 Note: An quote base of the part of the pa	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Device Setup Silt Fence  In pipe excavation above 24" or digging item deeper than 12' is on an individual sis.  F - Additional Associated Items Repair/Rehab 2" Asphalt pavement Repair/Rehab 8" Flex base Sawcutting Repair/Rehab 8" Concrete pavement Repair/Rehab 6" Concrete Repair/Rehab 6" Concrete Repair/Rehab 4" Concrete Repair/Rehab 4" Concrete Repair/Rehab Concrete curb and gutter ADA Ramp Sod Hydromulch Top soil Grading Repair/Rehab chain link fence with new Repair/Rehab wooden fence with new Traffic Control - Residential Traffic Control - Lane Closure Traffic Control - DOT or County Controlled Flagmen Traffic Guard - Shadow Vehicle	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF EA EA LF  SUM TOTA  Unit SY SY LF SF SF LF EA SY SY CY SY LF LF Day Day Day HR Day	\$ 500.00 \$ 250.00 \$ 5,000.00 \$ 1,000.00 \$ 5,000.00 \$ 15.00 \$ 15.00  L SECTION E:  Unit Price \$ 250.00 \$ 100.00 \$ 400.00 \$ 75.00 \$ 10,000.00 \$ 75.00 \$ 10,000 \$ 75.00 \$ 1,000.00 \$ 75.00 \$ 1,000.00 \$ 75.00 \$ 75.00 \$ 1,000.00 \$ 75.00 \$ 75.00 \$ 1,000.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 3,500.00 \$ 3,500.00 \$ 3,500.00 \$ 2,000.00 \$ 3,000.00	\$500.00 \$250.00 \$250.00 \$5,000.00 \$1,000.00 \$5,000.00 \$15.00 \$15.00 \$15.00 \$250.00 \$100.00 \$45.00 \$70.00 \$45.00 \$10,000.00 \$25.00 \$10,000.00 \$25.00 \$10,000.00 \$25.00 \$100.00 \$35.00 \$100.00 \$35.00 \$100.00 \$75.00 \$1,000.00 \$2,500.00 \$2,500.00 \$3,500.00 \$2,000.00	,135.00
180 181 182 183 184 Note: An quote ba  Section   185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Device Setup Silt Fence  In pipe excavation above 24" or digging item deeper than 12' is on an individual  Isis.  F - Additional Associated Items Repair/Rehab 2" Asphalt pavement Repair/Rehab 8" Flex base Sawcutting Repair/Rehab 8" Concrete pavement Repair/Rehab 6" Concrete Repair/Rehab 6" Concrete Repair/Rehab 6" Concrete Repair/Rehab 6" Concrete Repair/Rehab Concrete curb and gutter ADA Ramp Sod Hydromulch Top soil Grading Repair/Rehab chain link fence with new Repair/Rehab wooden fence with new Repair/Rehab wooden fence with new Traffic Control - Residential Traffic Control - Lane Closure Traffic Guard - Shadow Vehicle Lighted Arrow Board (Per Arrow Board)	Quantity  Quantity  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF EA EA EA LF  SUM TOTA  Unit SY SY LF SY SF LF EA SY CY SY LF LF Day Day HR Day Day Day	\$ 500.00 \$ 250.00 \$ 5,000.00 \$ 1,000.00 \$ 5,000.00 \$ 15.00 \$ 15.00  L SECTION E:  Unit Price \$ 250.00 \$ 100.00 \$ 400.00 \$ 75.00 \$ 10,000.00 \$ 10,000.00 \$ 25.00 \$ 100.00 \$ 75.00 \$ 100.00 \$ 75.00 \$ 100.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 2,500.00 \$ 75.00	\$500.00 \$250.00 \$250.00 \$5,000.00 \$1,000.00 \$5,000.00 \$15.00 \$15.00 \$15.00 \$250.00 \$100.00 \$440.00 \$77.00 \$45.00 \$10,000.00 \$25.00 \$10,000.00 \$25.00 \$10,000.00 \$25.00 \$10,000.00 \$25.00 \$10,000.00 \$25.00 \$10,000.00 \$25.00 \$10,000.00 \$25.00 \$10,000.00 \$25.00 \$10,000 \$25.00 \$10,000 \$25.00 \$10,000 \$25.00 \$10,000 \$25.00 \$10,000 \$25.00 \$10,000 \$25.00 \$20,000 \$20,000.00	,135.00
180 181 182 183 184 Note: An quote ba  Section   185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Reporting SWPPP Device Setup Silt Fence Ty pipe excavation above 24" or digging item deeper than 12' is on an individual tasis.  F - Additional Associated Items Repair/Rehab 2" Asphalt pavement Repair/Rehab 8" Flex base Sawcutting Repair/Rehab 8" Concrete pavement Repair/Rehab 6" Concrete Repair/Rehab 6" Concrete Repair/Rehab 4" Concrete Repair/Rehab Concrete curb and gutter ADA Ramp Sod Hydromulch Top soil Grading Repair/Rehab chain link fence with new Repair/Rehab wooden fence with new Traffic Control - Residential Traffic Control - Lane Closure Traffic Control - DOT or County Controlled Flagmen Traffic Guard - Shadow Vehicle Lighted Arrow Board (Per Arrow Board) Traffic Control Plan (3rd Party Certified)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF EA EA EA LF  SUM TOTA  Unit SY SY LF EA SY SF LF EA SY CY SY LF LF Day Day Day HR Day Day EA	\$ 500.00 \$ 250.00 \$ 5,000.00 \$ 1,000.00 \$ 5,000.00 \$ 15.00 \$ 15.00  L SECTION E:  Unit Price \$ 250.00 \$ 100.00 \$ 400.00 \$ 75.00 \$ 10,000.00 \$ 75.00 \$ 10,000.00 \$ 75.00 \$ 75.00 \$ 1,000.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 3,500.00 \$ 3,500.00 \$ 3,500.00 \$ 3,500.00 \$ 3,000.00	\$500.00 \$250.00 \$250.00 \$5,000.00 \$1,000.00 \$1,000.00 \$15.00 \$15.00 \$15.00 \$250.00 \$100.00 \$100.00 \$400.00 \$75.00 \$100.00 \$75.00 \$100.00 \$75.00 \$1,000.00 \$75.00 \$1,000.00 \$75.00 \$1,000.00 \$75.00 \$1,000.00 \$75.00 \$1,000.00 \$75.00 \$1,000.00 \$25,000.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00	,135.00
180 181 182 183 184 Note: An quote ba  Section   185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Reporting SWPPP Device Setup Silt Fence Ty pipe excavation above 24" or digging item deeper than 12' is on an individual tasis.  F - Additional Associated Items Repair/Rehab 2" Asphalt pavement Repair/Rehab 8" Flex base Sawcutting Repair/Rehab 8" Concrete pavement Repair/Rehab 6" Concrete Repair/Rehab 6" Concrete Repair/Rehab 4" Concrete Repair/Rehab Concrete curb and gutter ADA Ramp Sod Hydromulch Top soil Grading Repair/Rehab chain link fence with new Repair/Rehab wooden fence with new Traffic Control - Residential Traffic Control - Lane Closure Traffic Control - DOT or County Controlled Flagmen Traffic Guard - Shadow Vehicle Lighted Arrow Board (Per Arrow Board) Traffic Control Plan (3rd Party Certified)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF EA EA LF  SUM TOTA  Unit SY SY LF SY SF LF EA SY SY CY SY LF Day Day HR Day Day EA Day Day	\$ 500.00 \$ 250.00 \$ 5,000.00 \$ 1,000.00 \$ 5,000.00 \$ 15.00 \$ 15.00  L SECTION E:  Unit Price \$ 250.00 \$ 100.00 \$ 400.00 \$ 75.00 \$ 10,000.00 \$ 75.00 \$ 10,000.00 \$ 75.00 \$ 75.00 \$ 1,000.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 75.00 \$ 3,500.00 \$ 3,500.00 \$ 3,500.00 \$ 3,500.00 \$ 3,000.00	\$500.00 \$250.00 \$250.00 \$1,000.00 \$5,000.00 \$1,000.00 \$15.000 \$15.000 \$15.000 \$10.00 \$40.00 \$45.00 \$70.00 \$45.00 \$75.00 \$75.00 \$75.00 \$75.00 \$75.00 \$75.00 \$75.00 \$75.00 \$75.00 \$75.00 \$75.00 \$75.00 \$75.00 \$75.00 \$75.00 \$50.00 \$1,000.00 \$25,000.00 \$3,500.00 \$3,500.00 \$50.00 \$3,000.00 \$50.00 \$50.00 \$50.00 \$50.00 \$50.00 \$50.00 \$50.00 \$50.00 \$50.00	,135.00
180 181 182 183 184 Note: An quote ba  Section   185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205	Open Cut Extra Depth Add-On SWPPP (stormwater pollution prevention plan) SWPPP Reporting SWPPP Reporting SWPPP Device Setup Silt Fence Ty pipe excavation above 24" or digging item deeper than 12' is on an individual tasis.  F - Additional Associated Items Repair/Rehab 2" Asphalt pavement Repair/Rehab 8" Flex base Sawcutting Repair/Rehab 8" Concrete pavement Repair/Rehab 6" Concrete Repair/Rehab 6" Concrete Repair/Rehab 4" Concrete Repair/Rehab Concrete curb and gutter ADA Ramp Sod Hydromulch Top soil Grading Repair/Rehab chain link fence with new Repair/Rehab wooden fence with new Traffic Control - Residential Traffic Control - Lane Closure Traffic Control - DOT or County Controlled Flagmen Traffic Guard - Shadow Vehicle Lighted Arrow Board (Per Arrow Board) Traffic Control Plan (3rd Party Certified)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF EA EA LF  SUM TOTA  Unit SY SY LF SY SF LF EA SY SY CY SY LF Day Day HR Day Day EA Day Day	\$ 500.00 \$ 250.00 \$ 1,000.00 \$ 1,000.00 \$ 1,000.00 \$ 15.00  L SECTION E:  Unit Price \$ 250.00 \$ 10.00 \$ 400.00 \$ 70.00 \$ 45.00 \$ 10.00 \$ 10.00 \$ 75.00 \$ 10.00 \$ 10.00 \$ 75.00 \$ 10.00 \$ 75.00 \$ 10.00 \$ 75.00 \$ 10.00 \$ 75.00 \$ 10.00 \$ 75.00 \$ 10.00 \$ 75.00 \$ 10.00	\$500.00 \$250.00 \$250.00 \$1,000.00 \$5,000.00 \$1,000.00 \$15.000 \$15.000 \$15.000 \$10.00 \$40.00 \$45.00 \$70.00 \$45.00 \$75.00 \$75.00 \$75.00 \$75.00 \$75.00 \$75.00 \$75.00 \$75.00 \$75.00 \$75.00 \$75.00 \$75.00 \$75.00 \$75.00 \$75.00 \$50.00 \$1,000.00 \$25,000.00 \$3,500.00 \$3,500.00 \$50.00 \$3,000.00 \$50.00 \$50.00 \$50.00 \$50.00 \$50.00 \$50.00 \$50.00 \$50.00 \$50.00	

0	O LIDDE TO LEE CONTROL PROGRAMMA	0	11.74		
	G - HDPE Tight Fitting Liner (IPS diameters)  2" x DR 32.5 Installation of pipe	Quantity	<u>Unit</u> LF	Unit Price	Extension \$15.00
207		1	LF LF	\$ 15.00	\$15.00
208	4" x DR 32.5 Installation of pipe 6" x DR 32.5 Installation of pipe	1	LF	\$ 25.00 \$ 45.00	\$25.00 \$45.00
210	8" x DR 32.5 Installation of pipe	1	LF	\$ 45.00	\$60.00
211	10" x DR 32.5 Installation of pipe	1	LF	\$ 80.00	\$80.00
212	12" x DR 32.5 Installation of pipe	1	LF	\$ 90.00	\$90.00
213	15" x DR 32.5 Installation of pipe	1	LF	\$ 120.00	\$120.00
214	18" x DR 32.5 Installation of pipe	1	LF	\$ 145.00	\$145.00
215	21" x DR 32.5 Installation of pipe	1	LF	\$ 165.00	\$165.00
216	24" x DR 32.5 Installation of pipe	1	LF	\$ 180.00	\$180.00
217	27" x DR 32.5 Installation of pipe	1	LF	\$ 200.00	\$200.00
217	30" x DR 32.5 Installation of pipe	1	LF	\$ 200.00	\$200.00
219	33" x DR 32.5 Installation of pipe	1	LF	\$ 230.00	\$230.00
220	36" x DR 32.5 Installation of pipe	1	LF	\$ 250.00	\$250.00
221	42" x DR 32.5 Installation of pipe	1	LF	\$ 300.00	\$300.00
222	48" x DR 32.5 Installation of pipe	1	LF	\$ 340.00	\$340.00
223	2" to 4" DR standard drop increment (wall increase) PE80 grade	1	LF	\$ 1.75	\$1.75
224	2" to 4" DR standard drop increment (wall increase) PE00 grade	1	LF	\$ 1.75	\$1.75
225	5" to 8" DR standard drop increment (wall increase) PE80 grade	1	LF	\$ 2.50	\$2.50
226	5" to 8" DR standard drop increment (wall increase) PE00 grade	1	LF	\$ 2.50	
227	10" & 12" DR standard drop increment (wall increase) PE100 grade	1	LF		\$3.50
				•	
228	10" & 12" DR standard drop increment (wall increase) PE100 grade	1	느	\$ 3.50	\$3.50
229	13" to 16" DR standard drop increment (wall increase) PE80 grade	1	LF LF	\$ 5.00	\$5.00
230	13" to 16" DR standard drop increment (wall increase) PE100 grade	1		\$ 5.00	\$5.00
231	18" to 20" DR standard drop increment (wall increase) PE80 grade	1	LF _	\$ 7.00	\$7.00
232	18" to 20" DR standard drop increment (wall increase) PE100 grade	1	LF	\$ 7.00	\$7.00
233	21" to 24" DR standard drop increment (wall increase) PE80 grade	1	Ŀ	\$ 10.00	\$10.00
234	21" to 24" DR standard drop increment (wall increase) PE100 grade	1	느	\$ 10.00	\$10.00
235	26" to 30" DR standard drop increment (wall increase) PE80 grade	1	- L	\$ 17.00	\$17.00
236	26" to 30" DR standard drop increment (wall increase) PE100 grade	1	LF	\$ 17.00	\$17.00
237	32" to 36" DR standard drop increment (wall increase) PE80 grade	1	LF	\$ 25.00	\$25.00
238	32" to 36" DR standard drop increment (wall increase) PE100 grade	1	LF	\$ 25.00	\$25.00
239	42" to 48" DR standard drop increment (wall increase) PE80 grade	1	LF	\$ 50.00	\$50.00
240	42" to 48" DR standard drop increment (wall increase) PE100 grade	1	LF	\$ 50.00	\$50.00
241	2" to 4" Polyethylene flange	1	EA	\$ 135.00	\$135.00
242	5" to 8" Polyethylene flange	1	EA	\$ 270.00	\$270.00
243	10" & 12" Polyethylene flange	1	EA	\$ 420.00	\$420.00
244	13" to 16" Polyethylene flange	1	EA	\$ 600.00	\$600.00
	, , ,				
245	18" to 20" Polyethylene flange	1	EA	\$ 750.00	\$750.00
246	21" to 24" Polyethylene flange	1	EA EA	\$ 750.00 \$ 920.00	\$750.00 \$920.00
246 247	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange	1 1 1	EA EA EA	\$ 750.00 \$ 920.00 \$ 1,250.00	\$750.00 \$920.00 \$1,250.00
246 247 248	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange	1	EA EA EA	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00	\$750.00 \$920.00 \$1,250.00 \$1,850.00
246 247 248 249	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange	1 1 1 1	EA EA EA EA	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 2,500.00	\$750.00 \$920.00 \$1,250.00 \$1,850.00 \$2,500.00
246 247 248 249 250	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 2" to 12" Tight Liner set-up charge Per Install Length	1 1 1 1 1	EA EA EA EA LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 2,500.00 \$ 25.00	\$750.00 \$920.00 \$1,250.00 \$1,850.00 \$2,500.00 \$25.00
246 247 248 249 250 251	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 2" to 12" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length	1 1 1 1 1 1	EA EA EA EA LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 2,500.00 \$ 25.00 \$ 40.00	\$750.00 \$920.00 \$1,250.00 \$1,850.00 \$2,500.00 \$25.00 \$40.00
246 247 248 249 250	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 2" to 12" Tight Liner set-up charge Per Install Length	1 1 1 1 1	EA EA EA EA LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 2,500.00 \$ 25.00	\$750.00 \$920.00 \$1,250.00 \$1,850.00 \$2,500.00 \$25.00
246 247 248 249 250 251	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 2" to 12" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length	1 1 1 1 1 1	EA EA EA EA LF LF LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 25,000.00 \$ 25.00 \$ 40.00 \$ 65.00	\$750.00 \$920.00 \$1,250.00 \$1,850.00 \$2,500.00 \$25.00 \$40.00 \$65.00
246 247 248 249 250 251	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 2" to 12" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length	1 1 1 1 1 1	EA EA EA EA LF LF LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 2,500.00 \$ 25.00 \$ 40.00	\$750.00 \$920.00 \$1,250.00 \$1,850.00 \$2,500.00 \$25.00 \$40.00 \$65.00
246 247 248 249 250 251 252	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 2" to 12" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA EA EA LF LF LF SUM TOTA	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 2,500.00 \$ 25.00 \$ 40.00 \$ 65.00	\$750.00 \$920.00 \$1,250.00 \$1,850.00 \$2,500.00 \$25.00 \$40.00 \$65.00
246 247 248 249 250 251 252	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 2" to 12" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length	1 1 1 1 1 1	EA EA EA EA LF LF SUM TOTA	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 2,500.00 \$ 25.00 \$ 40.00 \$ 65.00 L SECTION G:	\$750.00 \$920.00 \$1,250.00 \$1,850.00 \$2,500.00 \$25.00 \$40.00 \$65.00 \$11,528.50
246 247 248 249 250 251 252	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 2" to 12" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length 4- Pipe Rehab by Carbon/Glass Fiber Reinforced Polymers 30" Basic Repair	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA EA EA LF LF SUM TOTA Unit LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 2,500.00 \$ 25.00 \$ 40.00 \$ 65.00	\$750.00 \$920.00 \$1,250.00 \$1,850.00 \$2,500.00 \$25.00 \$40.00 \$65.00 \$11,528.50 \$40.00 \$65.00
246 247 248 249 250 251 252 Section I	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 2" to 12" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length 4 - Pipe Rehab by Carbon/Glass Fiber Reinforced Polymers 30" Basic Repair 30" Additional GFRP Layer	1 1 1 1 1 1 1 1 1	EA EA EA EA LF LF LF UF LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 25.00 \$ 40.00 \$ 65.00 L SECTION G: Unit Price \$ 6,150.00 \$ 225.00	\$750.00 \$920.00 \$1,250.00 \$1,850.00 \$2,500.00 \$25.00 \$40.00 \$65.00 \$11,528.50 Extension \$6,150.00 \$225.00
246 247 248 249 250 251 252 Section I 253 254 255	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 42" to 12" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length 4- Pipe Rehab by Carbon/Glass Fiber Reinforced Polymers 30" Basic Repair 30" Additional GFRP Layer 30" Additional CFRP Layer	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA EA EA LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 2,500.00 \$ 40.00 \$ 65.00 \$ 65.00 \$ Unit Price \$ 6,150.00 \$ 225.00 \$ 260.00	\$750.00 \$920.00 \$1,250.00 \$1,850.00 \$2,500.00 \$40.00 \$65.00 \$11,528.50 Extension \$6,150.00 \$225.00 \$260.00
246 247 248 249 250 251 252 Section I 253 254 255 256	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 13" to 24" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length 4- Pipe Rehab by Carbon/Glass Fiber Reinforced Polymers 30" Basic Repair 30" Additional GFRP Layer 30" Additional GFRP Layer 36" Basic Repair	1 1 1 1 1 1 1 1 1 1 0 Quantity 1 1	EA EA EA EA LF LF LF Unit LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 25.00 \$ 40.00 \$ 65.00 L SECTION G: Unit Price \$ 6,150.00 \$ 225.00 \$ 260.00	\$750.00 \$920.00 \$1,250.00 \$1,850.00 \$2,500.00 \$40.00 \$65.00 \$11,528.50 Extension \$6,150.00 \$225.00 \$260.00 \$6,400.00
246 247 248 249 250 251 252 Section I 253 254 255 256 257	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 2" to 12" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length  H - Pipe Rehab by Carbon/Glass Fiber Reinforced Polymers 30" Basic Repair 30" Additional GFRP Layer 36" Basic Repair 36" Additional GFRP Layer	1 1 1 1 1 1 1 1 1 1 0 Quantity 1 1 1 1	EA EA EA EA LF LF LF Unit LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 25,00.00 \$ 40.00 \$ 65.00 L SECTION G: Unit Price \$ 6,150.00 \$ 225.00 \$ 260.00 \$ 6,400.00	\$750.00 \$920.00 \$1,250.00 \$1,850.00 \$2,500.00 \$40.00 \$65.00 \$11,528.50 <b>Extension</b> \$6,150.00 \$225.00 \$260.00 \$6,400.00 \$265.00
246 247 248 249 250 251 252 Section I 253 254 255 256	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 13" to 24" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length 4- Pipe Rehab by Carbon/Glass Fiber Reinforced Polymers 30" Basic Repair 30" Additional GFRP Layer 30" Additional GFRP Layer 36" Basic Repair	1 1 1 1 1 1 1 1 1 1 0 Quantity 1 1	EA EA EA EA LF LF LF SUM TOTA  Unit LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 25.00 \$ 40.00 \$ 65.00 L SECTION G: Unit Price \$ 6,150.00 \$ 225.00 \$ 265.00 \$ 265.00 \$ 380.00	\$750.00 \$920.00 \$1,250.00 \$1,850.00 \$2,500.00 \$25.00 \$40.00 \$65.00 \$11,528.50 \$11,528.50 \$25.00 \$225.00 \$260.00 \$265.00 \$380.00
246 247 248 249 250 251 252 Section I 253 254 255 256 257 258 259	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 2" to 12" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length  H - Pipe Rehab by Carbon/Glass Fiber Reinforced Polymers 30" Basic Repair 30" Additional GFRP Layer 30" Additional GFRP Layer 36" Additional GFRP Layer 36" Additional GFRP Layer 36" Additional GFRP Layer 36" Additional GFRP Layer	1 1 1 1 1 1 1 1 1 1 0 Quantity 1 1 1 1	EA EA EA EA LF LF LF Unit LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 25.00 \$ 40.00 \$ 65.00 L SECTION G: Unit Price \$ 6,150.00 \$ 225.00 \$ 260.00 \$ 380.00 \$ 380.00	\$750.00 \$920.00 \$1,250.00 \$1,850.00 \$2,500.00 \$25.00 \$40.00 \$65.00 \$11,528.50 <b>Extension</b> \$6,150.00 \$225.00 \$260.00 \$6,400.00 \$265.00 \$380.00 \$6,850.00
246 247 248 249 250 251 252 Section I 253 254 255 256 257 258	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 2" to 12" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length  H - Pipe Rehab by Carbon/Glass Fiber Reinforced Polymers 30" Basic Repair 30" Additional GFRP Layer 30" Additional GFRP Layer 36" Additional GFRP Layer 36" Additional GFRP Layer 36" Additional GFRP Layer 42" Basic Repair	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA EA EA LF LF LF SUM TOTA  Unit LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 25,00.00 \$ 40.00 \$ 65.00 \$ 65.00 \$ 1,000 \$ 225.00 \$ 260.00 \$ 6,400.00 \$ 380.00 \$ 6,850.00 \$ 300.00	\$750.00 \$920.00 \$1,250.00 \$1,250.00 \$1,850.00 \$2,500.00 \$40.00 \$65.00 \$11,528.50  Extension \$6,150.00 \$225.00 \$260.00 \$6,400.00 \$380.00 \$6,850.00 \$300.00
246 247 248 249 250 251 252 Section I 253 254 255 256 257 258 259	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 2" to 12" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length  H - Pipe Rehab by Carbon/Glass Fiber Reinforced Polymers 30" Basic Repair 30" Additional GFRP Layer 30" Additional GFRP Layer 36" Additional GFRP Layer 36" Additional GFRP Layer 36" Additional GFRP Layer 36" Additional GFRP Layer	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA EA EA LF LF SUM TOTA Unit LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 25.00 \$ 40.00 \$ 65.00 L SECTION G: Unit Price \$ 6,150.00 \$ 225.00 \$ 260.00 \$ 380.00 \$ 380.00	\$750.00 \$920.00 \$1,250.00 \$1,250.00 \$1,850.00 \$2,500.00 \$40.00 \$65.00 \$11,528.50  Extension \$6,150.00 \$225.00 \$260.00 \$6,400.00 \$380.00 \$6,850.00 \$300.00
246 247 248 249 250 251 252  Section I 253 254 255 256 257 258 259 260	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 2" to 12" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length  H - Pipe Rehab by Carbon/Glass Fiber Reinforced Polymers 30" Basic Repair 30" Additional GFRP Layer 30" Additional GFRP Layer 36" Additional GFRP Layer 36" Additional GFRP Layer 36" Additional GFRP Layer 42" Basic Repair	1 1 1 1 1 1 1 1 1 2 Quantity 1 1 1 1 1 1 1	EA EA EA EA LF LF LF  SUM TOTA  Unit LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 25,00.00 \$ 40.00 \$ 65.00 \$ 65.00 \$ 1,000 \$ 225.00 \$ 260.00 \$ 6,400.00 \$ 380.00 \$ 6,850.00 \$ 300.00	\$750.00 \$920.00 \$1,250.00 \$1,250.00 \$1,850.00 \$2,500.00 \$40.00 \$65.00 \$11,528.50  Extension \$6,150.00 \$225.00 \$260.00 \$6,400.00 \$380.00 \$6,850.00 \$300.00
246 247 248 249 250 251 252  Section I 253 254 255 256 257 258 260 261	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 2" to 12" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length  1 - Pipe Rehab by Carbon/Glass Fiber Reinforced Polymers 30" Basic Repair 30" Additional GFRP Layer 30" Additional GFRP Layer 36" Basic Repair 36" Additional GFRP Layer 42" Additional GFRP Layer 42" Additional GFRP Layer 42" Additional GFRP Layer 42" Additional GFRP Layer 48" Basic Repair 48" Basic Repair	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA EA EA EA LF LF LF  SUM TOTA  Unit LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 2,500.00 \$ 40.00 \$ 65.00 \$ 65.00 \$ 1,500.00 \$ 61,500.00 \$ 265.00 \$ 260.00 \$ 265.00 \$ 380.00 \$ 300.00 \$ 300.00 \$ 500.00	\$750.00 \$920.00 \$1,250.00 \$1,250.00 \$1,850.00 \$2,500.00 \$25.00 \$40.00 \$65.00  \$11,528.50  Extension \$6,150.00 \$225.00 \$260.00 \$380.00 \$380.00 \$300.00 \$500.00
246 247 248 249 250 251 252  Section I 253 254 255 256 257 258 259 260 261 262	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 2" to 12" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length  1 - Pipe Rehab by Carbon/Glass Fiber Reinforced Polymers 30" Basic Repair 30" Additional GFRP Layer 30" Additional GFRP Layer 36" Basic Repair 36" Additional GFRP Layer 42" Additional GFRP Layer 42" Additional GFRP Layer 42" Additional GFRP Layer 42" Additional GFRP Layer 48" Basic Repair 48" Basic Repair	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA EA EA EA LF LF LF SUM TOTA Unit LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 2,500.00 \$ 25.00 \$ 40.00 \$ 65.00 \$ 6150.00 \$ 225.00 \$ 260.00 \$ 260.00 \$ 380.00 \$ 6,850.00 \$ 300.00 \$ 500.00 \$ 7,100.00	\$750.00 \$920.00 \$1,250.00 \$1,250.00 \$1,850.00 \$2,500.00 \$40.00 \$65.00  \$11,528.50  Extension \$6,150.00 \$225.00 \$260.00 \$6,400.00 \$380.00 \$380.00 \$500.00 \$7,100.00
246 247 248 249 250 251 252  Section I 253 254 255 256 257 258 260 261 262 263	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 42" to 12" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length  H - Pipe Rehab by Carbon/Glass Fiber Reinforced Polymers 30" Additional GFRP Layer 30" Additional GFRP Layer 36" Basic Repair 36" Additional GFRP Layer 36" Additional GFRP Layer 42" Basic Repair 42" Additional GFRP Layer 42" Additional GFRP Layer 42" Additional GFRP Layer	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA EA EA EA LF LF LF  SUM TOTA  Unit LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 25.00 \$ 40.00 \$ 65.00  L SECTION G:  Unit Price \$ 6,150.00 \$ 260.00 \$ 265.00 \$ 380.00 \$ 380.00 \$ 500.00 \$ 7,100.00 \$ 340.00	\$750.00 \$920.00 \$1,250.00 \$1,250.00 \$1,850.00 \$2,500.00 \$440.00 \$65.00  \$11,528.50  Extension \$225.00 \$260.00 \$260.00 \$380.00 \$6,850.00 \$300.00 \$7,100.00 \$340.00
246 247 248 249 250 251 252  Section I 253 254 255 256 257 258 259 260 261 262 263 264	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 2" to 12" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length  1 - Pipe Rehab by Carbon/Glass Fiber Reinforced Polymers 30" Basic Repair 30" Additional GFRP Layer 30" Additional GFRP Layer 36" Basic Repair 36" Additional GFRP Layer 42" Additional GFRP Layer 42" Additional GFRP Layer 42" Additional GFRP Layer 48" Basic Repair 48" Additional GFRP Layer 48" Additional GFRP Layer	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA EA EA EA LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 25.00 \$ 40.00 \$ 65.00 \$ 65.00 \$ 250.00 \$ 6,400.00 \$ 265.00 \$ 380.00 \$ 6,850.00 \$ 500.00 \$ 7,100.00 \$ 340.00 \$ 540.00	\$750.00 \$920.00 \$1,250.00 \$1,250.00 \$1,850.00 \$2,500.00 \$440.00 \$65.00  \$11,528.50  Extension \$6,150.00 \$225.00 \$260.00 \$380.00 \$380.00 \$500.00 \$7,100.00 \$340.00 \$540.00
246 247 248 249 250 251 252  Section I 253 254 255 256 257 258 259 260 261 262 263 264 265	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 2" to 12" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length  H - Pipe Rehab by Carbon/Glass Fiber Reinforced Polymers 30" Basic Repair 30" Additional GFRP Layer 36" Basic Repair 36" Additional GFRP Layer 36" Additional GFRP Layer 36" Additional GFRP Layer 42" Basic Repair 42" Additional GFRP Layer 42" Additional GFRP Layer 48" Additional GFRP Layer 48" Additional GFRP Layer 48" Additional GFRP Layer 48" Additional GFRP Layer	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA EA EA EA LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 25,00.00 \$ 40.00 \$ 65.00 \$ 65.00 \$ 1,850.00 \$ 25.00 \$ 40.00 \$ 265.00 \$ 265.00 \$ 380.00 \$ 380.00 \$ 6,850.00 \$ 500.00 \$ 7,100.00 \$ 340.00 \$ 7,500.00	\$750.00 \$920.00 \$1,250.00 \$1,250.00 \$1,850.00 \$2,500.00 \$40.00 \$65.00  \$11,528.50  Extension \$6,150.00 \$225.00 \$260.00 \$380.00 \$6,400.00 \$300.00 \$500.00 \$7,100.00 \$340.00 \$540.00 \$540.00 \$7,500.00
246 247 248 249 250 251 252  Section I 253 254 255 256 257 258 259 260 261 262 263 264 265 266	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 2" to 12" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length  H - Pipe Rehab by Carbon/Glass Fiber Reinforced Polymers 30" Basic Repair 30" Additional GFRP Layer 30" Additional GFRP Layer 36" Basic Repair 36" Additional GFRP Layer 36" Additional GFRP Layer 42" Basic Repair 42" Additional GFRP Layer 42" Additional GFRP Layer 48" Basic Repair 48" Additional GFRP Layer 48" Additional GFRP Layer 48" Additional GFRP Layer 48" Additional GFRP Layer 54" Basic Repair	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA EA EA EA LF LF LF  SUM TOTA  Unit LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 2,500.00 \$ 25.00 \$ 40.00 \$ 65.00  L SECTION G:  Unit Price \$ 6,150.00 \$ 265.00 \$ 265.00 \$ 265.00 \$ 380.00 \$ 300.00 \$ 7,100.00 \$ 540.00 \$ 7,500.00 \$ 7,500.00 \$ 910.00	\$750.00 \$920.00 \$1,250.00 \$1,250.00 \$1,850.00 \$2,500.00 \$25.00 \$40.00 \$65.00   Extension \$6,150.00 \$225.00 \$260.00 \$380.00 \$380.00 \$380.00 \$500.00 \$7,100.00 \$540.00 \$7,500.00 \$7,500.00
246 247 248 249 250 251 252  Section I 253 254 255 256 257 258 260 261 262 263 264 265 266 267	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 42" to 12" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length  4 - Pipe Rehab by Carbon/Glass Fiber Reinforced Polymers 30" Additional GFRP Layer 30" Additional GFRP Layer 36" Basic Repair 36" Additional GFRP Layer 42" Additional GFRP Layer 42" Additional GFRP Layer 42" Additional GFRP Layer 42" Additional GFRP Layer 48" Basic Repair 48" Additional GFRP Layer 48" Basic Repair 48" Additional GFRP Layer 54" Basic Repair 54" Additional GFRP Layer 54" Additional GFRP Layer	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA EA EA EA EA LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 25,00.00 \$ 25,00.00 \$ 40.00 \$ 65.00 L SECTION G: Unit Price \$ 6,150.00 \$ 225.00 \$ 260.00 \$ 260.00 \$ 380.00 \$ 380.00 \$ 300.00 \$ 7,100.00 \$ 540.00 \$ 7,500.00 \$ 7500.00	\$750.00 \$920.00 \$1,250.00 \$1,250.00 \$1,850.00 \$2,500.00 \$25.00 \$40.00 \$65.00  \$11,528.50   Extension \$6,150.00 \$225.00 \$260.00 \$6,400.00 \$265.00 \$380.00 \$380.00 \$500.00 \$7,100.00 \$340.00 \$540.00 \$7,500.00 \$710.00 \$910.00
246 247 248 249 250 251 252  Section I 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 42" to 12" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length  H - Pipe Rehab by Carbon/Glass Fiber Reinforced Polymers 30" Basic Repair 30" Additional GFRP Layer 36" Basic Repair 36" Additional GFRP Layer 36" Additional GFRP Layer 42" Basic Repair 42" Additional GFRP Layer 42" Additional GFRP Layer 42" Additional GFRP Layer 48" Additional GFRP Layer 48" Additional GFRP Layer 48" Additional GFRP Layer 54" Additional GFRP Layer 54" Additional GFRP Layer	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA EA EA EA EA LF LF LF  SUM TOTA  Unit LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 2,500.00 \$ 40.00 \$ 65.00  L SECTION G:  Unit Price \$ 6,150.00 \$ 265.00 \$ 265.00 \$ 380.00 \$ 380.00 \$ 7100.00 \$ 740.00 \$ 910.00 \$ 740.00 \$	\$750.00 \$920.00 \$1,250.00 \$1,250.00 \$1,850.00 \$2,500.00 \$25.00 \$40.00 \$65.00  \$11,528.50  Extension \$6,150.00 \$225.00 \$260.00 \$6,400.00 \$265.00 \$380.00 \$300.00 \$57,100.00 \$7,500.00 \$710.00 \$910.00 \$910.00 \$8,000.00
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246 247 248 249 250 251 252  Section I 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 32" to 48" Polyethylene flange 2" to 48" Polyethylene flange 2" to 12" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length  H - Pipe Rehab by Carbon/Glass Fiber Reinforced Polymers 30" Basic Repair 30" Additional GFRP Layer 36" Basic Repair 36" Additional GFRP Layer 36" Additional GFRP Layer 42" Basic Repair 42" Additional GFRP Layer 42" Additional GFRP Layer 42" Additional GFRP Layer 42" Additional GFRP Layer 48" Basic Repair 48" Additional GFRP Layer 48" Additional GFRP Layer 54" Additional GFRP Layer 60" Basic Repair	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA EA EA EA LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 2,500.00 \$ 40.00 \$ 65.00  L SECTION G:  Unit Price \$ 6,150.00 \$ 265.00 \$ 380.00 \$ 380.00 \$ 5,700.00 \$ 7,100.00 \$ 7,500.00 \$ 710.00 \$ 8,000.00 \$ 8,000.00 \$ 7,500.00 \$ 740.00 \$ 8,000.00 \$ 8,000.00 \$ 8,000.00 \$ 740.00 \$ 1,000.00 \$ 8,255.00	\$750.00 \$920.00 \$1,250.00 \$1,250.00 \$1,850.00 \$2,500.00 \$25.00 \$40.00 \$65.00  \$11,528.50   Extension \$6,150.00 \$225.00 \$260.00 \$6,400.00 \$265.00 \$380.00 \$300.00 \$7,100.00 \$340.00 \$7,500.00 \$7,500.00 \$710.00 \$910.00 \$8,000.00 \$740.00 \$8,250.00 \$1,000.00 \$8,250.00
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246 247 248 249 250 251 252  Section I 253 254 255 256 257 258 260 261 262 263 264 265 266 267 268 269 270 271 272 273	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 2" to 12" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length  H - Pipe Rehab by Carbon/Glass Fiber Reinforced Polymers 30" Basic Repair 30" Additional GFRP Layer 36" Basic Repair 36" Additional GFRP Layer 36" Additional GFRP Layer 42" Basic Repair 42" Additional GFRP Layer 42" Additional GFRP Layer 42" Additional GFRP Layer 48" Basic Repair 48" Additional GFRP Layer 48" Additional GFRP Layer 48" Additional GFRP Layer 54" Basic Repair 54" Additional GFRP Layer 54" Basic Repair 54" Additional GFRP Layer 66" Basic Repair 60" Additional GFRP Layer 66" Basic Repair	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA EA EA EA EA LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 2,500.00 \$ 25.00 \$ 40.00 \$ 65.00  L SECTION G:  Unit Price \$ 6,150.00 \$ 225.00 \$ 260.00 \$ 260.00 \$ 380.00 \$ 380.00 \$ 7100.00 \$ 740.00 \$ 740.00 \$ 740.00 \$ 1,000.00 \$ 745.00 \$ 1,100.00 \$ 765.00 \$ 765.00	\$750.00 \$920.00 \$1,250.00 \$1,250.00 \$1,850.00 \$2,500.00 \$25.00 \$40.00 \$65.00  \$11,528.50   Extension \$6,150.00 \$225.00 \$260.00 \$6,400.00 \$265.00 \$380.00 \$380.00 \$500.00 \$7,100.00 \$7,500.00 \$7,500.00 \$710.00 \$910.00 \$8,000.00 \$740.00 \$1,000.00 \$8,250.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,100.00 \$1,100.00
246 247 248 249 250 251 252  Section I 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 32" to 48" Polyethylene flange 2" to 12" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length  H - Pipe Rehab by Carbon/Glass Fiber Reinforced Polymers 30" Basic Repair 30" Additional GFRP Layer 30" Additional GFRP Layer 36" Basic Repair 36" Additional GFRP Layer 36" Additional GFRP Layer 42" Basic Repair 42" Additional GFRP Layer 42" Additional GFRP Layer 42" Additional GFRP Layer 48" Basic Repair 48" Additional GFRP Layer 54" Basic Repair 54" Additional GFRP Layer 54" Basic Repair 54" Additional GFRP Layer 56" Basic Repair 60" Additional GFRP Layer 60" Basic Repair 60" Additional GFRP Layer 66" Basic Repair	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA EA EA EA EA LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 2,500.00 \$ 25.00 \$ 40.00 \$ 65.00  L SECTION G:  Unit Price \$ 6150.00 \$ 265.00 \$ 265.00 \$ 265.00 \$ 380.00 \$ 500.00 \$ 740.00 \$ 740.00 \$ 8,250.00 \$ 740.00 \$ 740.00 \$ 1,000.00 \$ 1,100.00 \$ 3,250.00 \$ 765.00 \$ 340.00	\$750.00 \$920.00 \$1,250.00 \$1,250.00 \$1,850.00 \$2,500.00 \$25.00 \$40.00 \$65.00  \$11,528.50   Extension \$6,150.00 \$225.00 \$260.00 \$6,400.00 \$265.00 \$380.00 \$300.00 \$7,100.00 \$7,500.00 \$710.00 \$910.00 \$8,000.00 \$740.00 \$1,000.00 \$1,000.00 \$1,100.00 \$3,250.00 \$3,250.00 \$3,250.00 \$3,250.00 \$3,250.00 \$3,250.00 \$3,250.00 \$3,250.00 \$3,250.00 \$3,250.00 \$3,250.00 \$3,250.00 \$3,250.00 \$3,250.00 \$3,250.00 \$3,250.00
246 247 248 249 250 251 252  Section I 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275	21" to 24" Polyethylene flange 26" to 30" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 2" to 12" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length  H - Pipe Rehab by Carbon/Glass Fiber Reinforced Polymers 30" Basic Repair 30" Additional GFRP Layer 30" Additional GFRP Layer 36" Additional GFRP Layer 36" Additional GFRP Layer 42" Basic Repair 42" Additional GFRP Layer 42" Additional GFRP Layer 42" Additional GFRP Layer 42" Additional GFRP Layer 48" Basic Repair 48" Additional GFRP Layer 54" Basic Repair 54" Additional GFRP Layer 56" Basic Repair 60" Additional GFRP Layer 66" Basic Repair 60" Additional GFRP Layer 66" Basic Repair	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA EA EA EA EA LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 2,500.00 \$ 25.00 \$ 40.00 \$ 65.00  L SECTION G:  Unit Price \$ 6,150.00 \$ 265.00 \$ 265.00 \$ 380.00 \$ 540.00 \$ 740.00 \$ 740.00 \$ 1,000.00 \$ 765.00 \$ 765.00 \$ 765.00 \$ 38,500.00 \$ 38,500.00	\$750.00 \$920.00 \$1,250.00 \$1,250.00 \$1,850.00 \$2,500.00 \$25.00 \$40.00 \$65.00  \$11,528.50   Extension \$6,150.00 \$225.00 \$260.00 \$6,400.00 \$265.00 \$380.00 \$300.00 \$500.00 \$7,100.00 \$710.00 \$910.00 \$910.00 \$8,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$340.00 \$340.00 \$540.00 \$7550.00 \$710.00
246 247 248 249 250 251 252  Section I 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276	21" to 24" Polyethylene flange 26" to 36" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 2" to 12" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length  H - Pipe Rehab by Carbon/Glass Fiber Reinforced Polymers 30" Basic Repair 30" Additional GFRP Layer 30" Additional GFRP Layer 30" Additional GFRP Layer 36" Additional GFRP Layer 42" Basic Repair 42" Additional GFRP Layer 42" Additional GFRP Layer 42" Additional GFRP Layer 42" Additional GFRP Layer 48" Basic Repair 48" Additional GFRP Layer 48" Basic Repair 48" Additional GFRP Layer 54" Basic Repair 60" Additional GFRP Layer 60" Basic Repair 60" Additional GFRP Layer 72" Additional GFRP Layer	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA EA EA EA EA LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 2,500.00 \$ 25.00 \$ 40.00 \$ 65.00  L SECTION G:  Unit Price \$ 6,150.00 \$ 265.00 \$ 265.00 \$ 380.00 \$ 380.00 \$ 7100.00 \$ 740.00 \$ 740.00 \$ 1,000.00 \$ 765.00 \$ 765.00 \$ 765.00 \$ 800.00 \$ 8,500.00	\$750.00 \$920.00 \$1,250.00 \$1,250.00 \$1,850.00 \$2,500.00 \$25.00 \$40.00 \$65.00  \$11,528.50   Extension \$225.00 \$260.00 \$264.00.00 \$6,400.00 \$265.00 \$380.00 \$300.00 \$500.00 \$7,100.00 \$710.00 \$710.00 \$910.00 \$1,100.00 \$8,250.00 \$1,100.00 \$8,250.00 \$1,100.00 \$8,500.00 \$740.00 \$1,100.00 \$1,100.00 \$8,500.00 \$1,100.00 \$8,500.00 \$1,100.00 \$8,500.00 \$1,100.00 \$1,100.00 \$8,500.00 \$1,100.00 \$8,500.00 \$1,100.00 \$8,500.00 \$1,100.00 \$8,500.00 \$8,500.00 \$1,100.00 \$8,500.00 \$8,500.00 \$8,500.00 \$8,500.00 \$8,500.00 \$8,500.00 \$8,500.00 \$8,500.00 \$8,500.00 \$8,500.00 \$8,500.00 \$8,500.00 \$8,500.00 \$8,500.00 \$8,500.00 \$8,500.00
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246 247 248 249 250 251 252  Section I 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277	21" to 24" Polyethylene flange 26" to 36" Polyethylene flange 32" to 36" Polyethylene flange 42" to 48" Polyethylene flange 2" to 12" Tight Liner set-up charge Per Install Length 13" to 24" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length 26" to 48" Tight Liner set-up charge Per Install Length  H - Pipe Rehab by Carbon/Glass Fiber Reinforced Polymers 30" Basic Repair 30" Additional GFRP Layer 36" Additional GFRP Layer 36" Additional GFRP Layer 42" Basic Repair 42" Additional GFRP Layer 42" Basic Repair 42" Additional GFRP Layer 48" Basic Repair 48" Additional GFRP Layer 48" Basic Repair 48" Additional GFRP Layer 48" Additional GFRP Layer 54" Basic Repair 54" Additional GFRP Layer 66" Basic Repair 60" Additional GFRP Layer 66" Additional GFRP Layer 72" Basic Repair 72" Additional GFRP Layer 72" Basic Repair 72" Additional GFRP Layer 72" Basic Repair	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA EA EA EA EA LF	\$ 750.00 \$ 920.00 \$ 1,250.00 \$ 1,850.00 \$ 2,500.00 \$ 40.00 \$ 65.00  L SECTION G:  Unit Price \$ 6,150.00 \$ 265.00 \$ 265.00 \$ 380.00 \$ 500.00 \$ 7,100.00 \$ 7,500.00 \$ 740.00 \$ 740.00 \$ 1,000.00 \$ 7,500.00 \$ 740.00 \$ 765.00 \$ 1,150.00 \$ 8,500.00	\$750.00 \$920.00 \$1,250.00 \$1,250.00 \$1,850.00 \$2,500.00 \$440.00 \$65.00  \$411,528.50  Extension \$6,150.00 \$225.00 \$260.00 \$380.00 \$6,400.00 \$500.00 \$7,100.00 \$7,100.00 \$7,500.00 \$710.00 \$910.00 \$8,000.00 \$740.00 \$1,000.00 \$8,250.00 \$8,000.00 \$740.00 \$1,000.00 \$8,000.00 \$740.00 \$1,000.00 \$8,250.00 \$9,400.00 \$1,150.00 \$9,400.00

	96" Additional GFRP Layer	1	LF	\$ 975.00	\$975.00
	96" Additional CFRP Layer	1	LF	\$ 1,330.00	\$1,330.00
	/ FRP pipe repair above 96" or external is on an individual quote basis	-	L.	Ψ 1,000.00	ψ1,000.00
			SUM TOTAL	L SECTION H:	\$92,520.00
	- CIPP & Kevlar Reinforced PE Pressure Pipe Lining	Quantity	<u>Unit</u>	Unit Price	<u>Extension</u>
	6" Installation of Pressure Pipe Lining	1	LF	\$ 300.00	\$300.00
284 285	8" Installation of Pressure Pipe Lining	1	LF LF	\$ 325.00	\$325.00 \$350.00
285	10" Installation of Pressure Pipe Lining 12" Installation of Pressure Pipe Lining	1	LF	\$ 350.00 \$ 450.00	\$450.00 \$450.00
287	15" Installation of Pressure Pipe Lining	1	LF	\$ 450.00	\$450.00
288	18" Installation of Pressure Pipe Lining	1	LF LF	\$ 550.00	\$550.00
	21" Installation of Pressure Pipe Lining	1	LF	\$ 600.00	\$600.00
	6" Installation of End Seal / Fitting	1 1	EA	\$ 3,000.00	\$3,000.00
	8" Installation of End Seal / Fitting	1	EA	\$ 4,500.00	\$4,500.00
	10" Installation of End Seal / Fitting	1	EA	\$ 5,000.00	\$5,000.00
	12" Installation of End Seal / Fitting	1	EA	\$ 6,000.00	\$6,000.00
294	15" Installation of End Seal	1	EA	\$ 8,000.00	\$8,000.00
295	18" Installation of End Seal	1	EA	\$ 8,500.00	\$8,500.00
296	21" Installation of End Seal	1	EA	\$ 9,000.00	\$9,000.00
	6" to 12" System set-up charge Per Install Length	1	LF	\$ 25.00	\$25.00
	15" to 21" System set-up charge Per Install Length	1	LF	\$ 40.00	\$40.00
	Short Length Add-On (<300 LF)	1	IN/DIA/FT	\$ 50.00	\$50.00
	Internal Reconnect for CIPP Pressure Pipe	1	EA	\$ 1,000.00	\$1,000.00
	6" to 12" Install Spool Piece for Pressure Pipe	1	EA	\$ 10,000.00	\$10,000.00
	15" to 21" Install Spool Piece for Pressure Pipe	1	EA	\$ 15,000.00	\$15,000.00
	Concrete or Other Blocking	1	EA EA	\$ 1,500.00	\$1,500.00 \$1,000.00
	Pressure Test Assembly Mega-Lug Kit	1	EA EA	\$ 1,000.00 \$ 1,000.00	\$1,000.00 \$1,000.00
	Mega-Lug หน Uni Flange (including assessory and gasket)	1	EA	\$ 1,000.00	\$1,000.00
	Pressure Test Flange	1	EA	\$ 1,500.00	\$1,500.00
	Pressure Test Restraint	1	EA	\$ 1,000.00	\$1,000.00
	Installation Winch	1	DAY	\$ 2,000.00	\$2,000.00
	r pressure pipe lining above 21" is on an individual quote basis.	'	D/(I	Ψ 2,000.00	Ψ2,000.00
	, process o prpog azoro = 1 o en ana. que to zuco.e.		SUM TOTA	AL SECTION I:	\$82,690.00
				0_0	402,000.00
Section J	- Pressure Pipeline Bypass	Quantity	<u>Unit</u>	Unit Price	Extension
	Set up bypass of mainlines with 2"- 4" AWWA approved bypass	1	LF	\$ 40.00	\$40.00
	Connection of each service from 2"- 4" AWWA approved bypass	1	EA	\$ 450.00	\$450.00
312	Operation of 2"- 4" AWWA approved bypass	1	Day	\$ 500.00	\$500.00
313	Set up bypass of mainlines with 6"- 8" AWWA approved bypass	1	LF	\$ 50.00	\$50.00
		'	Li	ψ 50.00	φ30.00
314	Connection of each service from 6"- 8" AWWA approved bypass	1	EA	\$ 500.00	\$500.00
314 315	Connection of each service from 6"- 8" AWWA approved bypass  Operation of 6"- 8" AWWA approved bypass	1 1	EA Day	\$ 500.00 \$ 750.00	\$500.00 \$750.00
314 315 316	Connection of each service from 6"- 8" AWWA approved bypass  Operation of 6"- 8" AWWA approved bypass  Set up bypass of mainlines with 10"- 12" AWWA approved bypass	1 1 1	EA Day LF	\$ 500.00 \$ 750.00 \$ 60.00	\$500.00 \$750.00 \$60.00
314 315 316 317	Connection of each service from 6"- 8" AWWA approved bypass  Operation of 6"- 8" AWWA approved bypass  Set up bypass of mainlines with 10"- 12" AWWA approved bypass  Connection of each service from 10"- 12" AWWA approved bypass	1 1 1	EA Day LF EA	\$ 500.00 \$ 750.00 \$ 60.00 \$ 500.00	\$500.00 \$750.00 \$60.00 \$500.00
314 315 316 317	Connection of each service from 6"- 8" AWWA approved bypass  Operation of 6"- 8" AWWA approved bypass  Set up bypass of mainlines with 10"- 12" AWWA approved bypass	1 1 1	EA Day LF	\$ 500.00 \$ 750.00 \$ 60.00	\$500.00 \$750.00 \$60.00
314 315 316 317	Connection of each service from 6"- 8" AWWA approved bypass  Operation of 6"- 8" AWWA approved bypass  Set up bypass of mainlines with 10"- 12" AWWA approved bypass  Connection of each service from 10"- 12" AWWA approved bypass	1 1 1	EA Day LF EA Day	\$ 500.00 \$ 750.00 \$ 60.00 \$ 500.00 \$ 1,250.00	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00
314 315 316 317	Connection of each service from 6"- 8" AWWA approved bypass  Operation of 6"- 8" AWWA approved bypass  Set up bypass of mainlines with 10"- 12" AWWA approved bypass  Connection of each service from 10"- 12" AWWA approved bypass	1 1 1	EA Day LF EA Day	\$ 500.00 \$ 750.00 \$ 60.00 \$ 500.00	\$500.00 \$750.00 \$60.00 \$500.00
314 315 316 317 318	Connection of each service from 6"- 8" AWWA approved bypass Operation of 6"- 8" AWWA approved bypass Set up bypass of mainlines with 10"- 12" AWWA approved bypass Connection of each service from 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass	1 1 1 1 1 1 1	EA Day LF EA Day	\$ 500.00 \$ 750.00 \$ 60.00 \$ 500.00 \$ 1,250.00 L SECTION J:	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00
314 315 316 317 318	Connection of each service from 6"- 8" AWWA approved bypass Operation of 6"- 8" AWWA approved bypass Set up bypass of mainlines with 10"- 12" AWWA approved bypass Connection of each service from 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass  - Line Cleaning and Inspection for Pressure Pipelines & Mechanical Cleaning	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA Day LF EA Day SUM TOTA	\$ 500.00 \$ 750.00 \$ 60.00 \$ 500.00 \$ 1,250.00 L SECTION J:	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00 \$4,100.00
314 315 316 317 318 Section K	Connection of each service from 6"- 8" AWWA approved bypass Operation of 6"- 8" AWWA approved bypass Set up bypass of mainlines with 10"- 12" AWWA approved bypass Connection of each service from 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass  C- Line Cleaning and Inspection for Pressure Pipelines & Mechanical Cleaning 6" Cleaning with pressure propelled pigs	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA Day LF EA Day  SUM TOTA Unit LF	\$ 500.00 \$ 750.00 \$ 60.00 \$ 500.00 \$ 1,250.00 L SECTION J: Unit Price \$ 15.00	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00 \$4,100.00 Extension \$15.00
314 315 316 317 318 Section K 319 320	Connection of each service from 6"- 8" AWWA approved bypass Operation of 6"- 8" AWWA approved bypass Set up bypass of mainlines with 10"- 12" AWWA approved bypass Connection of each service from 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass  - Line Cleaning and Inspection for Pressure Pipelines & Mechanical Cleaning 6" Cleaning with pressure propelled pigs 8" Cleaning with pressure propelled pigs	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA Day LF EA Day  SUM TOTA  Unit LF LF	\$ 500.00 \$ 750.00 \$ 60.00 \$ 500.00 \$ 1,250.00 L SECTION J: Unit Price \$ 15.00 \$ 15.00	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00 \$4,100.00 <b>Extension</b> \$15.00 \$15.00
314 315 316 317 318 Section K	Connection of each service from 6"- 8" AWWA approved bypass Operation of 6"- 8" AWWA approved bypass Set up bypass of mainlines with 10"- 12" AWWA approved bypass Connection of each service from 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass  C- Line Cleaning and Inspection for Pressure Pipelines & Mechanical Cleaning 6" Cleaning with pressure propelled pigs	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA Day LF EA Day  SUM TOTA Unit LF	\$ 500.00 \$ 750.00 \$ 60.00 \$ 500.00 \$ 1,250.00 L SECTION J: Unit Price \$ 15.00	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00 \$4,100.00 Extension \$15.00
314 315 316 317 318 Section K 319 320 321	Connection of each service from 6"- 8" AWWA approved bypass Operation of 6"- 8" AWWA approved bypass Set up bypass of mainlines with 10"- 12" AWWA approved bypass Connection of each service from 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass  Operation of 10"- 12" AWWA approved bypass  - Line Cleaning and Inspection for Pressure Pipelines & Mechanical Cleaning 6" Cleaning with pressure propelled pigs 8" Cleaning with pressure propelled pigs 10" Cleaning with pressure propelled pigs	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA Day LF EA Day  SUM TOTA  Unit LF LF LF	\$ 500.00 \$ 750.00 \$ 60.00 \$ 500.00 \$ 1,250.00 L SECTION J: Unit Price \$ 15.00 \$ 15.00	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00 \$4,100.00 <b>Extension</b> \$15.00 \$15.00 \$15.00 \$15.00 \$20.00
314 315 316 317 318 Section K 319 320 321 322 323 324	Connection of each service from 6"- 8" AWWA approved bypass Operation of 6"- 8" AWWA approved bypass Set up bypass of mainlines with 10"- 12" AWWA approved bypass Connection of each service from 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass  - Line Cleaning and Inspection for Pressure Pipelines & Mechanical Cleaning 6" Cleaning with pressure propelled pigs 8" Cleaning with pressure propelled pigs 10" Cleaning with pressure propelled pigs 12" Cleaning with pressure propelled pigs 15" Cleaning with pressure propelled pigs 15" Cleaning with pressure propelled pigs 18" Cleaning with pressure propelled pigs	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA Day LF EA Day  SUM TOTA  Unit LF LF LF LF LF	\$ 500.00 \$ 750.00 \$ 60.00 \$ 500.00 \$ 1,250.00 L SECTION J: Unit Price \$ 15.00 \$ 15.00 \$ 15.00 \$ 20.00 \$ 20.00	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00 \$4,100.00 <b>Extension</b> \$15.00 \$15.00 \$15.00 \$20.00 \$20.00
314 315 316 317 318 Section K 319 320 321 322 323 324 325	Connection of each service from 6"- 8" AWWA approved bypass Operation of 6"- 8" AWWA approved bypass Set up bypass of mainlines with 10"- 12" AWWA approved bypass Connection of each service from 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass  Operation of 10"- 12" AWWA approved bypass	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA Day LF EA Day  SUM TOTA  Unit LF	\$ 500.00 \$ 750.00 \$ 60.00 \$ 500.00 \$ 1,250.00 L SECTION J: Unit Price \$ 15.00 \$ 15.00 \$ 15.00 \$ 20.00 \$ 20.00	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00 \$4,100.00 <b>Extension</b> \$15.00 \$15.00 \$15.00 \$20.00 \$20.00
314 315 316 317 318 Section K 319 320 321 322 323 324 325 326	Connection of each service from 6"- 8" AWWA approved bypass Operation of 6"- 8" AWWA approved bypass Set up bypass of mainlines with 10"- 12" AWWA approved bypass Connection of each service from 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass  C-Line Cleaning and Inspection for Pressure Pipelines & Mechanical Cleaning 6" Cleaning with pressure propelled pigs 8" Cleaning with pressure propelled pigs 10" Cleaning with pressure propelled pigs 12" Cleaning with pressure propelled pigs 15" Cleaning with pressure propelled pigs 18" Cleaning with pressure propelled pigs 19" Cleaning with pressure propelled pigs 19" Cleaning with pressure propelled pigs	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA Day LF EA Day  SUM TOTA  Unit LF	\$ 500.00 \$ 750.00 \$ 60.00 \$ 500.00 \$ 1,250.00 L SECTION J: Unit Price \$ 15.00 \$ 15.00 \$ 15.00 \$ 20.00 \$ 20.00 \$ 7,500.00	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00 \$4,100.00 <b>Extension</b> \$15.00 \$15.00 \$15.00 \$20.00 \$20.00 \$20.00 \$7,500.00
314 315 316 317 318 Section K 319 320 321 322 323 324 325 326 327	Connection of each service from 6"- 8" AWWA approved bypass Operation of 6"- 8" AWWA approved bypass Set up bypass of mainlines with 10"- 12" AWWA approved bypass Connection of each service from 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass  Operation of 10"- 12" AWWA approved bypass  - Line Cleaning and Inspection for Pressure Pipelines & Mechanical Cleaning 6" Cleaning with pressure propelled pigs 8" Cleaning with pressure propelled pigs 10" Cleaning with pressure propelled pigs 12" Cleaning with pressure propelled pigs 15" Cleaning with pressure propelled pigs 18" Cleaning with pressure propelled pigs 18" Cleaning with pressure propelled pigs 18" Cleaning with pressure propelled pigs 19" Cleaning with pressure propelled pigs 19" Cleaning with pressure propelled pigs 10" Cleaning with pressure propelled pigs	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA Day LF EA Day  SUM TOTA  Unit LF	\$ 500.00 \$ 750.00 \$ 60.00 \$ 500.00 \$ 1,250.00 L SECTION J: Unit Price \$ 15.00 \$ 15.00 \$ 15.00 \$ 20.00 \$ 20.00 \$ 20.00 \$ 7,500.00	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00 \$4,100.00 <b>Extension</b> \$15.00 \$15.00 \$15.00 \$20.00 \$20.00 \$20.00 \$7,500.00
314 315 316 317 318 Section K 319 320 321 322 323 324 325 326 327 328	Connection of each service from 6"- 8" AWWA approved bypass Operation of 6"- 8" AWWA approved bypass Set up bypass of mainlines with 10"- 12" AWWA approved bypass Connection of each service from 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass  Operation of 10"- 12" AWWA approved bypass  - Line Cleaning and Inspection for Pressure Pipelines & Mechanical Cleaning  C- Line Cleaning with pressure propelled pigs Cleaning with pressure propelled pigs  Cleaning with pressure propelled pigs	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA Day LF EA Day  SUM TOTA  Unit LF	\$ 500.00 \$ 750.00 \$ 60.00 \$ 500.00 \$ 1,250.00 L SECTION J: Unit Price \$ 15.00 \$ 15.00 \$ 15.00 \$ 20.00 \$ 20.00 \$ 7,500.00 \$ 7,500.00	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00 \$4,100.00 Extension \$15.00 \$15.00 \$15.00 \$20.00 \$20.00 \$20.00 \$7,500.00 \$7,500.00
314 315 316 317 318 Section K 319 320 321 322 323 324 325 326 327 328 329	Connection of each service from 6"- 8" AWWA approved bypass Operation of 6"- 8" AWWA approved bypass Set up bypass of mainlines with 10"- 12" AWWA approved bypass Connection of each service from 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass  Operation of 10"- 12" AWWA approved bypass	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA Day LF EA Day  SUM TOTA  Unit LF	\$ 500.00 \$ 750.00 \$ 60.00 \$ 500.00 \$ 1,250.00 L SECTION J: Unit Price \$ 15.00 \$ 15.00 \$ 15.00 \$ 20.00 \$ 20.00 \$ 7,500.00 \$ 7,500.00 \$ 7,500.00	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00 \$4,100.00 Extension \$15.00 \$15.00 \$15.00 \$15.00 \$20.00 \$20.00 \$20.00 \$7,500.00 \$7,500.00 \$7,500.00
314 315 316 317 318 Section K 319 320 321 322 323 324 325 326 327 328 329 330	Connection of each service from 6"- 8" AWWA approved bypass Operation of 6"- 8" AWWA approved bypass Set up bypass of mainlines with 10"- 12" AWWA approved bypass Connection of each service from 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass  - Line Cleaning and Inspection for Pressure Pipelines & Mechanical Cleaning 6" Cleaning with pressure propelled pigs 8" Cleaning with pressure propelled pigs 10" Cleaning with pressure propelled pigs 12" Cleaning with pressure propelled pigs 15" Cleaning with pressure propelled pigs 18" Cleaning with pressure propelled pigs 21" Cleaning with pressure propelled pigs 8" Set up, Install and Remove Pig Launcher 10" Set up, Install and Remove Pig Launcher 12" Set up, Install and Remove Pig Launcher	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA Day LF EA Day  SUM TOTA  Unit LF LF LF LF LF LF LF LF EA EA EA EA	\$ 500.00 \$ 750.00 \$ 60.00 \$ 500.00 \$ 1,250.00 L SECTION J: Unit Price \$ 15.00 \$ 15.00 \$ 15.00 \$ 20.00 \$ 20.00 \$ 7,500.00 \$ 7,500.00 \$ 7,500.00 \$ 15,000 \$ 7,500.00	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00 \$4,100.00 Extension \$15.00 \$15.00 \$15.00 \$15.00 \$20.00 \$20.00 \$20.00 \$7,500.00 \$7,500.00 \$7,500.00 \$15,000
314 315 316 317 318 Section K 319 320 321 322 323 324 325 326 327 328 329 330 331	Connection of each service from 6"- 8" AWWA approved bypass Operation of 6"- 8" AWWA approved bypass Set up bypass of mainlines with 10"- 12" AWWA approved bypass Connection of each service from 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass  Operation of 10"- 12" AWWA approved bypass	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA Day LF EA Day  SUM TOTA  Unit LF LF LF LF LF LF LF EA EA EA EA EA EA EA	\$ 500.00 \$ 750.00 \$ 60.00 \$ 1,250.00 \$ 1,250.00 L SECTION J: Unit Price \$ 15.00 \$ 15.00 \$ 15.00 \$ 20.00 \$ 20.00 \$ 7,500.00 \$ 7,500.00 \$ 7,500.00 \$ 7,500.00 \$ 15,000.00 \$ 15,000.00	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00 \$4,100.00 Extension \$15.00 \$15.00 \$15.00 \$20.00 \$20.00 \$20.00 \$7,500.00 \$7,500.00 \$15,000 \$15,000
314 315 316 317 318 Section K 319 320 321 322 323 324 325 326 327 328 329 329 330 331 331 332	Connection of each service from 6"- 8" AWWA approved bypass Operation of 6"- 8" AWWA approved bypass Set up bypass of mainlines with 10"- 12" AWWA approved bypass Connection of each service from 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass  I - Line Cleaning and Inspection for Pressure Pipelines & Mechanical Cleaning Cleaning with pressure propelled pigs Cleaning with pressure	Quantity  Quantity  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA Day LF EA Day  SUM TOTA  Unit LF LF LF LF LF LF LF LF EA EA EA EA EA EA EA EA	\$ 500.00 \$ 750.00 \$ 60.00 \$ 1,250.00 \$ 1,250.00 L SECTION J: Unit Price \$ 15.00 \$ 15.00 \$ 15.00 \$ 20.00 \$ 20.00 \$ 7,500.00 \$ 7,500.00 \$ 7,500.00 \$ 7,500.00 \$ 15,000.00 \$ 15,000.00 \$ 20,000.00	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00 \$4,100.00 <b>Extension</b> \$15.00 \$15.00 \$15.00 \$20.00 \$20.00 \$20.00 \$7,500.00 \$7,500.00 \$7,500.00 \$15,000.00 \$15,000.00
314 315 316 317 318 Section K 319 320 321 322 323 324 325 326 327 328 329 330 331 332 331 332 333	Connection of each service from 6"- 8" AWWA approved bypass Operation of 6"- 8" AWWA approved bypass Set up bypass of mainlines with 10"- 12" AWWA approved bypass Connection of each service from 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass  Operation of 10"- 12" AWWA approved bypass  C-Line Cleaning and Inspection for Pressure Pipelines & Mechanical Cleaning 6" Cleaning with pressure propelled pigs 8" Cleaning with pressure propelled pigs 10" Cleaning with pressure propelled pigs 15" Cleaning with pressure propelled pigs 15" Cleaning with pressure propelled pigs 18" Cleaning with pressure propelled pigs 18" Cleaning with pressure propelled pigs 18" Cleaning with pressure propelled pigs 6" Set up, Install and Remove Pig Launcher 8" Set up, Install and Remove Pig Launcher 10" Set up, Install and Remove Pig Launcher 15" Set up, Install and Remove Pig Launcher 15" Set up, Install and Remove Pig Launcher 18" Set up, Install and Remove Pig Launcher	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA Day LF EA Day  SUM TOTA  Unit LF	\$ 500.00 \$ 750.00 \$ 60.00 \$ 500.00 \$ 1,250.00 L SECTION J: Unit Price \$ 15.00 \$ 15.00 \$ 15.00 \$ 20.00 \$ 20.00 \$ 7,500.00 \$ 7,500.00 \$ 15,000.00 \$ 7,500.00 \$ 7,500.00 \$ 15,000.00 \$ 20,000.00	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00 \$4,100.00 <b>Extension</b> \$15.00 \$15.00 \$15.00 \$20.00 \$20.00 \$20.00 \$7,500.00 \$7,500.00 \$7,500.00 \$15,000.00 \$25.00
314 315 316 317 318 Section K 319 320 321 322 323 324 325 326 327 328 329 330 331 331 332 333 334	Connection of each service from 6"- 8" AWWA approved bypass Operation of 6"- 8" AWWA approved bypass Set up bypass of mainlines with 10"- 12" AWWA approved bypass Connection of each service from 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass  C-Line Cleaning and Inspection for Pressure Pipelines & Mechanical Cleaning C-Line Cleaning with pressure propelled pigs 12" Cleaning with pressure propelled pigs 18" Cleaning with pressure propelled pigs 18" Cleaning with pressure propelled pigs 18" Cleaning with pressure propelled pigs C'Esening with pressure propelled pigs 18" Cleaning with pressure propelled pigs C'Esening with pressure propelled pigs C'Ese up, Install and Remove Pig Launcher C'Eset up, Install and Remove Pig Launcher C'Esening with scrapers or other attached tools C'Eleaning with scrapers or other attached tools	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA Day LF EA Day  SUM TOTA  Unit LF	\$ 500.00 \$ 750.00 \$ 60.00 \$ 500.00 \$ 1,250.00 L SECTION J: Unit Price \$ 15.00 \$ 15.00 \$ 15.00 \$ 20.00 \$ 20.00 \$ 7,500.00 \$ 7,500.00 \$ 7,500.00 \$ 15,000.00 \$ 20,000.00 \$ 20,000.00 \$ 25.00 \$ 25.00	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00 \$4,100.00 <b>Extension</b> \$15.00 \$15.00 \$15.00 \$20.00 \$20.00 \$20.00 \$7,500.00 \$7,500.00 \$7,500.00 \$15,000.00 \$20,000 \$20,000 \$20.00
314 315 316 317 318 Section K 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335	Connection of each service from 6"- 8" AWWA approved bypass Operation of 6"- 8" AWWA approved bypass Set up bypass of mainlines with 10"- 12" AWWA approved bypass Connection of each service from 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass  I cleaning and Inspection for Pressure Pipelines & Mechanical Cleaning Cleaning with pressure propelled pigs Cleaning with scrapers or other attached tools Cleaning with scrapers or other attached tools	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA Day LF EA Day  SUM TOTA  Unit LF LF LF LF LF LF EA EA EA EA EA EA EA LF LF LF LF EA	\$ 500.00 \$ 750.00 \$ 60.00 \$ 1,250.00 \$ 1,250.00 L SECTION J: Unit Price \$ 15.00 \$ 15.00 \$ 20.00 \$ 20.00 \$ 20.00 \$ 7,500.00 \$ 7,500.00 \$ 7,500.00 \$ 15,000.00 \$ 15,000.00 \$ 20,000.00 \$ 20,000.00 \$ 20,000.00 \$ 20,000.00 \$ 20,000.00 \$ 20,000.00 \$ 20,000.00 \$ 25.00 \$ 25.00	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00 \$1,250.00 \$4,100.00 \$15.00 \$15.00 \$15.00 \$15.00 \$20.00 \$20.00 \$20.00 \$7,500.00 \$7,500.00 \$7,500.00 \$15,000.00 \$15,000.00 \$25.00 \$25.00
314 315 316 317 318 Section K 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 331 332 333 334 335 336	Connection of each service from 6"- 8" AWWA approved bypass Operation of 6"- 8" AWWA approved bypass Set up bypass of mainlines with 10"- 12" AWWA approved bypass Connection of each service from 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass  Operation of 10"- 12" AWWA approved bypass	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA Day LF EA Day  SUM TOTA  Unit LF LF LF LF LF EA EA EA EA EA EA LF	\$ 500.00 \$ 750.00 \$ 60.00 \$ 1,250.00 \$ 1,250.00 \$ 1,250.00 L SECTION J: Unit Price \$ 15.00 \$ 15.00 \$ 20.00 \$ 20.00 \$ 20.00 \$ 7,500.00 \$ 7,500.00 \$ 7,500.00 \$ 15,000.00 \$ 20,000.00 \$ 20,000.00 \$ 20,000.00 \$ 20,000.00 \$ 25.00 \$ 25.00	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00 \$1,250.00 \$1,250.00 \$15.00 \$15.00 \$15.00 \$15.00 \$20.00 \$20.00 \$20.00 \$7,500.00 \$7,500.00 \$7,500.00 \$15,000.00 \$25.00 \$25.00 \$25.00
314 315 316 317 318 Section K 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337	Connection of each service from 6"- 8" AWWA approved bypass Operation of 6"- 8" AWWA approved bypass Set up bypass of mainlines with 10"- 12" AWWA approved bypass Connection of each service from 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass  Operation of 10"- 12" AWWA approved bypass	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA Day LF EA Day  SUM TOTA  Unit LF LF LF LF LF EA EA EA EA EA LF	\$ 500.00 \$ 750.00 \$ 60.00 \$ 1,250.00 \$ 1,250.00 L SECTION J: Unit Price \$ 15.00 \$ 15.00 \$ 20.00 \$ 20.00 \$ 20.00 \$ 7,500.00 \$ 7,500.00 \$ 7,500.00 \$ 15,000.00 \$ 20,000.00 \$ 20,000.00 \$ 3,500.00 \$ 25.00 \$ 3,500.00 \$ 3,500.0	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00 \$1,250.00  \$4,100.00  Extension \$15.00 \$15.00 \$15.00 \$15.00 \$20.00 \$20.00 \$20.00 \$7,500.00 \$7,500.00 \$7,500.00 \$15,000.00 \$25.00 \$25.00 \$25.00 \$25.00 \$25.00 \$25.00 \$25.00 \$25.00
314 315 316 317 318 Section K 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 337 338	Connection of each service from 6"- 8" AWWA approved bypass Operation of 6"- 8" AWWA approved bypass Set up bypass of mainlines with 10"- 12" AWWA approved bypass Connection of each service from 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass  **Cleaning and Inspection for Pressure Pipelines & Mechanical Cleaning 6" Cleaning with pressure propelled pigs 8" Cleaning with pressure propelled pigs 10" Cleaning with pressure propelled pigs 12" Cleaning with pressure propelled pigs 15" Cleaning with pressure propelled pigs 18" Cleaning with pressure propelled pigs 18" Cleaning with pressure propelled pigs 6" Set up, Install and Remove Pig Launcher 8" Set up, Install and Remove Pig Launcher 10" Set up, Install and Remove Pig Launcher 10" Set up, Install and Remove Pig Launcher 12" Set up, Install and Remove Pig Launcher 18" Cleaning with scrapers or other attached tools 10" Cleaning with scrapers or other attached tools 10" Cleaning with scrapers or other attached tools 15" Cleaning with scrapers or other attached tools	Quantity  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA Day LF EA Day  SUM TOTA  Unit LF	\$ 500.00 \$ 750.00 \$ 60.00 \$ 1,250.00 \$ 1,250.00 L SECTION J: Unit Price \$ 15.00 \$ 15.00 \$ 20.00 \$ 20.00 \$ 20.00 \$ 7,500.00 \$ 7,500.00 \$ 7,500.00 \$ 15,000.00 \$ 20,000 \$ 20,000 \$ 3,000.00 \$ 20,000.00 \$ 3,000.00 \$ 25.00 \$ 25.00 \$ 25.00 \$ 30.00 \$ 30.00	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00 \$4,100.00 <b>Extension</b> \$15.00 \$15.00 \$15.00 \$15.00 \$20.00 \$20.00 \$7,500.00 \$7,500.00 \$7,500.00 \$15,000.00 \$15,000.00 \$25.00 \$25.00 \$25.00 \$25.00 \$25.00 \$25.00 \$25.00 \$30.00
314 315 316 317 318 Section K 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 337 338 339	Connection of each service from 6"- 8" AWWA approved bypass Operation of 6"- 8" AWWA approved bypass Set up bypass of mainlines with 10"- 12" AWWA approved bypass Connection of each service from 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass  **Cleaning and Inspection for Pressure Pipelines & Mechanical Cleaning 6" Cleaning with pressure propelled pigs 8" Cleaning with pressure propelled pigs 10" Cleaning with pressure propelled pigs 12" Cleaning with pressure propelled pigs 15" Cleaning with pressure propelled pigs 18" Cleaning with pressure propelled pigs 18" Cleaning with pressure propelled pigs 6" Set up, Install and Remove Pig Launcher 10" Set up, Install and Remove Pig Launcher 10" Set up, Install and Remove Pig Launcher 12" Set up, Install and Remove Pig Launcher 15" Set up, Install and Remove Pig Launcher 15" Set up, Install and Remove Pig Launcher 6" Cleaning with scrapers or other attached tools 10" Cleaning with scrapers or other attached tools 10" Cleaning with scrapers or other attached tools 15" Cleaning with scrapers or other attached tools 18" Cleaning with scrapers or other attached tools 18" Cleaning with scrapers or other attached tools	Quantity  Quantity  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA Day LF EA Day  SUM TOTA  Unit LF	\$ 500.00 \$ 750.00 \$ 60.00 \$ 1,250.00 \$ 1,250.00 L SECTION J: Unit Price \$ 15.00 \$ 15.00 \$ 15.00 \$ 20.00 \$ 20.00 \$ 7,500.00 \$ 7,500.00 \$ 7,500.00 \$ 15,000.00 \$ 20.00 \$ 7,500.00 \$ 7,500.00 \$ 7,500.00 \$ 15,000.00 \$ 15,000.00 \$ 30.00 \$ 25.00 \$ 25.00 \$ 30.00 \$ 30.00 \$ 30.00 \$ 30.00	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00  \$4,100.00 <b>Extension</b> \$15.00 \$15.00 \$15.00 \$20.00 \$20.00 \$20.00 \$7,500.00 \$7,500.00 \$7,500.00 \$15,000.00 \$15,000.00 \$25.00 \$25.00 \$25.00 \$25.00 \$25.00 \$25.00 \$30.00 \$30.00
314 315 316 317 318 Section K 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340	Connection of each service from 6"- 8" AWWA approved bypass Operation of 6"- 8" AWWA approved bypass Set up bypass of mainlines with 10"- 12" AWWA approved bypass Connection of each service from 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA Day LF EA Day  SUM TOTA  Unit LF	\$ 500.00 \$ 750.00 \$ 60.00 \$ 1,250.00 \$ 1,250.00 \$ 1,250.00 L SECTION J: Unit Price \$ 15.00 \$ 15.00 \$ 15.00 \$ 20.00 \$ 20.00 \$ 7,500.00 \$ 7,500.00 \$ 7,500.00 \$ 15,000.00 \$ 20,000 \$ 20,000 \$ 3,000 \$ 25.00 \$ 25.00 \$ 25.00 \$ 30.00 \$ 30.00	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00 \$4,100.00 <b>Extension</b> \$15.00 \$15.00 \$15.00 \$15.00 \$20.00 \$20.00 \$20.00 \$7,500.00 \$7,500.00 \$7,500.00 \$15,000.00 \$25.00 \$25.00 \$25.00 \$25.00 \$25.00 \$25.00 \$25.00 \$25.00 \$30.00 \$30.00 \$30.00
314 315 316 317 318 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 339 339 331 331 332 333 334 335 336 337 338 337 338 339 331 331 332 333 334 335 336 337 338 337 338 339 331 331 332 333 331 332 333 331 332 333 333	Connection of each service from 6"- 8" AWWA approved bypass Operation of 6"- 8" AWWA approved bypass Set up bypass of mainlines with 10"- 12" AWWA approved bypass Connection of each service from 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass  Operation of 10"- 12" AWWA approved bypass	Quantity  Quantity  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA Day LF EA Day  SUM TOTA  Unit LF	\$ 500.00 \$ 750.00 \$ 60.00 \$ 1,250.00 \$ 1,250.00 L SECTION J: Unit Price \$ 15.00 \$ 15.00 \$ 15.00 \$ 20.00 \$ 20.00 \$ 7,500.00 \$ 7,500.00 \$ 7,500.00 \$ 15,000.00 \$ 20.00 \$ 7,500.00 \$ 7,500.00 \$ 7,500.00 \$ 15,000.00 \$ 15,000.00 \$ 30.00 \$ 25.00 \$ 25.00 \$ 30.00 \$ 30.00 \$ 30.00 \$ 30.00	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00  \$4,100.00 <b>Extension</b> \$15.00 \$15.00 \$15.00 \$20.00 \$20.00 \$20.00 \$7,500.00 \$7,500.00 \$7,500.00 \$15,000.00 \$15,000.00 \$25.00 \$25.00 \$25.00 \$25.00 \$25.00 \$25.00 \$30.00 \$30.00
314 315 316 317 318 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 339 339 331 331 332 333 334 335 336 337 338 337 338 339 331 331 332 333 334 335 336 337 338 337 338 339 331 331 332 333 331 332 333 331 332 333 333	Connection of each service from 6"- 8" AWWA approved bypass Operation of 6"- 8" AWWA approved bypass Set up bypass of mainlines with 10"- 12" AWWA approved bypass Connection of each service from 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA Day LF EA Day  SUM TOTA  Unit LF	\$ 500.00 \$ 750.00 \$ 60.00 \$ 1,250.00 \$ 1,250.00 \$ 1,250.00 L SECTION J: Unit Price \$ 15.00 \$ 15.00 \$ 20.00 \$ 20.00 \$ 20.00 \$ 7,500.00 \$ 7,500.00 \$ 7,500.00 \$ 15,000.00 \$ 25.00 \$ 25.00	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00 \$1,250.00  \$4,100.00  Extension \$15.00 \$15.00 \$15.00 \$15.00 \$20.00 \$20.00 \$20.00 \$7,500.00 \$7,500.00 \$7,500.00 \$15,000.00 \$20,000.00 \$25.00 \$25.00 \$25.00 \$25.00 \$25.00 \$25.00 \$25.00 \$25.00 \$25.00 \$30.00 \$30.00 \$30.00 \$30.00 \$55.00
314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 331 332 333 333 333	Connection of each service from 6"- 8" AWWA approved bypass Operation of 6"- 8" AWWA approved bypass Set up bypass of mainlines with 10"- 12" AWWA approved bypass Connection of each service from 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass  Operation of 10"- 12" AWWA approved bypass  Operation of 10"- 12" AWWA approved bypass  Cleaning with pressure propelled pigs 8" Cleaning with pressure propelled pigs 10" Cleaning with pressure propelled pigs 15" Cleaning with pressure propelled pigs 15" Cleaning with pressure propelled pigs 18" Cleaning with pressure propelled pigs 18" Cleaning with pressure propelled pigs 18" Cleaning with pressure propelled pigs 19" Cleaning with pressure propelled pigs 19" Set up, Install and Remove Pig Launcher 10" Set up, Install and Remove Pig Launcher 10" Set up, Install and Remove Pig Launcher 15" Set up, Install and Remove Pig Launcher 15" Set up, Install and Remove Pig Launcher 15" Set up, Install and Remove Pig Launcher 16" Cleaning with scrapers or other attached tools 10" Cleaning with scrapers or other attached tools 10" Cleaning with scrapers or other attached tools 15" Cleaning with scrapers or other attached tools 16" Cleaning with scrapers or other attached tools 17" Cleaning with scrapers or other attached tools 18" Cleaning with scrapers or other attached tools 18" Pressure pipe inspection 10" Pressure pipe inspection	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA Day LF EA Day  SUM TOTA  Unit LF	\$ 500.00 \$ 750.00 \$ 60.00 \$ 1,250.00 \$ 1,250.00 \$ 1,250.00 L SECTION J: Unit Price \$ 15.00 \$ 15.00 \$ 20.00 \$ 20.00 \$ 20.00 \$ 7,500.00 \$ 7,500.00 \$ 7,500.00 \$ 15,000.00 \$ 20,000.00 \$ 30,000 \$ 20,000.00 \$ 20,000.00 \$ 25.00 \$	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00 \$1,250.00  \$4,100.00  Extension \$15.00 \$15.00 \$15.00 \$15.00 \$20.00 \$20.00 \$20.00 \$7,500.00 \$7,500.00 \$7,500.00 \$15,000.00 \$25.00
314 315 316 317 318 Section K 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 341 342 343 344 345 346 347 347 348 348 348 348 348 358 368 378 388 388 388 388 388 388 38	Connection of each service from 6"- 8" AWWA approved bypass Operation of 6"- 8" AWWA approved bypass Set up bypass of mainlines with 10"- 12" AWWA approved bypass Connection of each service from 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass Operation of 10"- 12" AWWA approved bypass  - Line Cleaning and Inspection for Pressure Pipelines & Mechanical Cleaning 6" Cleaning with pressure propelled pigs 8" Cleaning with pressure propelled pigs 10" Cleaning with pressure propelled pigs 12" Cleaning with pressure propelled pigs 15" Cleaning with pressure propelled pigs 18" Cleaning with pressure propelled pigs 6" Set up, Install and Remove Pig Launcher 18" Set up, Install and Remove Pig Launcher 10" Set up, Install and Remove Pig Launcher 15" Set up, Install and Remove Pig Launcher 15" Set up, Install and Remove Pig Launcher 15" Set up, Install and Remove Pig Launcher 18" Set up, Install and Remove Pig Launcher 18" Set up, Install and Remove Pig Launcher 16" Cleaning with scrapers or other attached tools 8" Cleaning with scrapers or other attached tools 10" Pressure pipe inspection 10" Pressure pipe inspection 10" Pressure pipe inspection	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA Day LF EA Day  SUM TOTA  Unit LF	\$ 500.00 \$ 750.00 \$ 60.00 \$ 1,250.00 \$ 1,250.00 \$ 1,250.00 L SECTION J: Unit Price \$ 15.00 \$ 15.00 \$ 20.00 \$ 20.00 \$ 20.00 \$ 7,500.00 \$ 7,500.00 \$ 7,500.00 \$ 15,000.00 \$ 20,000.00 \$ 3,7500.00 \$ 15,000.00 \$ 15,000.00 \$ 15,000.00 \$ 15,000.00 \$ 15,000.00 \$ 15,000.00 \$ 25.00 \$ 25.0	\$500.00 \$750.00 \$60.00 \$500.00 \$1,250.00 \$1,250.00  \$4,100.00  Extension \$15.00 \$15.00 \$15.00 \$15.00 \$20.00 \$20.00 \$20.00 \$7,500.00 \$7,500.00 \$7,500.00 \$15,000.00 \$25.00

			SUM TOTA	L SECTION K:	\$80	,354.00
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347	L - Gravity Sewer Lateral Renewal Systems  4"-6" Internal CIPP Lateral Connection Rehab (from main <12"dia)	Quantity	<u>Unit</u> EA	Unit Price \$ 6,000.00	Extension \$6,000.00	
348	4"-6" Installation and cure of structural lateral liner from main <12" dia.	1	LF	\$ 425.00	\$425.00	
349	4"-6" Set-up For Lateral Installation	1	EA	\$ 1,000.00	\$1,000.00	
350	4"-6" Lateral Launch	1	EA	\$ 500.00	\$500.00	
351	4"-6" Lateral Cleaning	1	EA	\$ 500.00	\$500.00	
352	4"-6" Lateral Post-TV	1	EA	\$ 300.00	\$300.00	
			SUM TOTA	L SECTION L:	\$8.	725.00
					Ψ0,	. 20.00
Section I	M - Manhole, Access Portals and Wet Well Renewal Systems	Quantity	<u>Unit</u>	Unit Price	Extension	
353	All Sizes Installation and cure of manhole lining structure depth	1	SF	\$ 125.00	\$125.00	
354	All Sizes Set-up for install and cure of manhole lining structure	1	EA	\$ 1,500.00	\$1,500.00	
355 356	All Sizes Installation of Manhole Chimney Seal  New Manhole Frame and Cover	1	EA EA	\$ 1,500.00 \$ 1,500.00	\$1,500.00 \$1,500.00	
357	Install New Manhole Frame and Cover	1	EA	\$ 1,500.00	\$2,500.00	
358	Adjust manhole frame and cover	1	EA	\$ 1,500.00	\$1,500.00	
359	Manhole Rehabilitation - cementitious	1	SF	\$ 25.00	\$25.00	
360	Manhole Rehabilitation - epoxy	1	SF	\$ 35.00	\$35.00	
361	Manhole, Pipe or Other Structures - Spray Rehabilitation	1	SF	\$ 125.00	\$125.00	
362	Manhole Rehabilitation - modified polymer	1	SF	\$ 50.00	\$50.00	
363 364	Manhole Bench Rehabilitation - cementitious  Manhole Bench Rehabilitation - epoxy/modified polymer	1	SF SF	\$ 35.00 \$ 50.00	\$35.00 \$50.00	
364	Manhole Bench Rebuild	1	SF EA	\$ 1,500.00	\$1,500.00	
366	Mechanical Repairs (per person)	1	HR	\$ 250.00	\$250.00	
367	Injection grouting in MH	1	GAL	\$ 400.00	\$400.00	
368	Void filling with cementitious or other material	1	CF	\$ 150.00	\$150.00	
369	Setup for MH grouting or void filling	1	EA	\$ 7,500.00	\$7,500.00	
370	Pipe Invert Repair	1		\$ 20.00	\$20.00	
371	Access beyond 100' from road	1	EA	\$ 5,000.00	\$5,000.00	
372	Vacuum test MH	1	EA	\$ 1,000.00	\$1,000.00	
			SUM TOTAL	SECTION M:	\$24	,765.00
04: !	N. Const. Toront & Makiliantian	0	1114	Unit Daine	Ft	
373	N - Crew Travel & Mobilization  Mobilization Per Crew - Texas	Quantity 1	<u>Unit</u> EA	<u>Unit Price</u> \$ 15,000.00	<u>Extension</u> \$15,000.00	
374	Mobilization Per Crew - Texas  Mobilization Per Crew - Other States	1	EA	\$ 30,000.00	\$30,000.00	
				. ,	. ,	
			SUM TOTA	L SECTION N:	\$45	,000.00
	O - Other Underground Construction Items Internal Point Repair CIPP 6"-8" (Up to 8 LF)	4	E 4	Ф <b>7</b> 000 00	<b>\$7,000,00</b>	
375 376	Internal Point Repair CIPP 6"-8" (Up to 8 LF)	1	EA EA	\$ 7,000.00 \$ 8,000.00	\$7,000.00 \$8,000.00	
377	Internal Point Repair CIPP 15"-18" (Up to 8 LF)	1	EA	\$ 10,000.00	\$10,000.00	
378	Internal Point Repair CIPP 21"-24" (Up to 8 LF)	1	EA	\$ 13,000.00	\$13,000.00	
379	Internal Point Repair CIPP 27"-33" (Up to 8 LF)	1	EA	\$ 15,000.00	\$15,000.00	
380	Internal Point Repair CIPP 36"- 42" (Up to 8 LF)	1	EA	\$ 25,000.00	\$25,000.00	
381	Internal Point Repair Mechanical 6"-8" (Up to 6 LF)	1	EA	\$ 3,000.00	\$3,000.00	
382	Internal Point Repair Mechanical 10"-12" (Up to 6 LF)	1	EA	\$ 5,000.00	\$5,000.00	
383 384	Internal Point Repair Mechanical 15"-18" (Up to 6 LF) Internal Point Repair Mechanical 21"-24" (Up to 6 LF)	1	EA EA	\$ 7,500.00	\$7,500.00	
304	IIIILEIIIAI FUIIL NEDAII MECHANICAI ZT -24 TUD TU U LT )				ዊ ነበ በበበ በበ	
385		1		\$ 10,000.00 \$ 15,000.00	\$10,000.00 \$15,000.00	
385 386	Internal Point Repair Mechanical 27"-33" (Up to 6 LF) Internal Point Repair Mechanical 36"- 42" (Up to 6 LF)	1 1	EA EA	\$ 15,000.00	\$10,000.00 \$15,000.00 \$25,000.00	
	Internal Point Repair Mechanical 27"-33" (Up to 6 LF)	1	EA		\$15,000.00	
386 387 388	Internal Point Repair Mechanical 27"-33" (Up to 6 LF) Internal Point Repair Mechanical 36"- 42" (Up to 6 LF) Internal Point Repair Mechanical or Other Method up to 108" Nominal Diameter (Up to 6 LF) Pipe or Other Confined Space Man Entry Safety System	1	EA EA	\$ 15,000.00 \$ 25,000.00 \$ 40,000.00 \$ 1,500.00	\$15,000.00 \$25,000.00 \$40,000.00 \$1,500.00	
386 387	Internal Point Repair Mechanical 27"-33" (Up to 6 LF) Internal Point Repair Mechanical 36"- 42" (Up to 6 LF) Internal Point Repair Mechanical or Other Method up to 108" Nominal Diameter (Up to 6 LF)	1 1 1	EA EA EA	\$ 15,000.00 \$ 25,000.00 \$ 40,000.00	\$15,000.00 \$25,000.00 \$40,000.00	
386 387 388	Internal Point Repair Mechanical 27"-33" (Up to 6 LF) Internal Point Repair Mechanical 36"- 42" (Up to 6 LF) Internal Point Repair Mechanical or Other Method up to 108" Nominal Diameter (Up to 6 LF) Pipe or Other Confined Space Man Entry Safety System	1 1 1	EA EA EA DAY EA	\$ 15,000.00 \$ 25,000.00 \$ 40,000.00 \$ 1,500.00 \$ 5,000.00	\$15,000.00 \$25,000.00 \$40,000.00 \$1,500.00 \$5,000.00	0,000,00
386 387 388 389	Internal Point Repair Mechanical 27"-33" (Up to 6 LF) Internal Point Repair Mechanical 36"- 42" (Up to 6 LF) Internal Point Repair Mechanical or Other Method up to 108" Nominal Diameter (Up to 6 LF) Pipe or Other Confined Space Man Entry Safety System Confined Space Man Entry Safety Plan (3rd Party Certified)	1 1 1	EA EA EA DAY EA	\$ 15,000.00 \$ 25,000.00 \$ 40,000.00 \$ 1,500.00	\$15,000.00 \$25,000.00 \$40,000.00 \$1,500.00 \$5,000.00	0,000.00
386 387 388 389 Section I	Internal Point Repair Mechanical 27"-33" (Up to 6 LF) Internal Point Repair Mechanical 36"- 42" (Up to 6 LF) Internal Point Repair Mechanical or Other Method up to 108" Nominal Diameter (Up to 6 LF) Pipe or Other Confined Space Man Entry Safety System Confined Space Man Entry Safety Plan (3rd Party Certified)  P - Fusible PVC Installation by HDD or Other Means	1 1 1 1 1 1	EA EA EA DAY EA	\$ 15,000.00 \$ 25,000.00 \$ 40,000.00 \$ 1,500.00 \$ 5,000.00	\$15,000.00 \$25,000.00 \$40,000.00 \$1,500.00 \$5,000.00	0,000.00
386 387 388 389 <b>Section</b> I	Internal Point Repair Mechanical 27"-33" (Up to 6 LF) Internal Point Repair Mechanical 36"- 42" (Up to 6 LF) Internal Point Repair Mechanical or Other Method up to 108" Nominal Diameter (Up to 6 LF) Pipe or Other Confined Space Man Entry Safety System Confined Space Man Entry Safety Plan (3rd Party Certified)  P - Fusible PVC Installation by HDD or Other Means  2"-4" Installation of pipe clay ground conditions (pipe cost excluded)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA EA DAY EA SUM TOTA	\$ 15,000.00 \$ 25,000.00 \$ 40,000.00 \$ 1,500.00 \$ 5,000.00 L SECTION O:	\$15,000.00 \$25,000.00 \$40,000.00 \$1,500.00 \$5,000.00 \$190	0,000.00
386 387 388 389 389 Section I 390 391	Internal Point Repair Mechanical 27"-33" (Up to 6 LF) Internal Point Repair Mechanical 36"- 42" (Up to 6 LF) Internal Point Repair Mechanical or Other Method up to 108" Nominal Diameter (Up to 6 LF) Pipe or Other Confined Space Man Entry Safety System Confined Space Man Entry Safety Plan (3rd Party Certified)  P - Fusible PVC Installation by HDD or Other Means  2"-4" Installation of pipe clay ground conditions (pipe cost excluded)  2"-4" Installation of pipe loose sand ground conditions (pipe cost excluded)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA DAY EA SUM TOTAL	\$ 15,000.00 \$ 25,000.00 \$ 40,000.00 \$ 1,500.00 \$ 5,000.00 L SECTION O: \$ 35.00 \$ 35.00	\$15,000.00 \$25,000.00 \$40,000.00 \$1,500.00 \$5,000.00 \$190 \$35.00 \$35.00	0,000.00
386 387 388 389 Section I 390 391 392	Internal Point Repair Mechanical 27"-33" (Up to 6 LF) Internal Point Repair Mechanical 36"- 42" (Up to 6 LF) Internal Point Repair Mechanical or Other Method up to 108" Nominal Diameter (Up to 6 LF) Pipe or Other Confined Space Man Entry Safety System Confined Space Man Entry Safety Plan (3rd Party Certified)  P - Fusible PVC Installation by HDD or Other Means  2"-4" Installation of pipe clay ground conditions (pipe cost excluded)  2"-4" Installation of pipe loose sand ground conditions (pipe cost excluded)  2"-4" Installation of pipe rock ground conditions	1 1 1 1 1 1 1 1 1 1 1	EA EA EA DAY EA SUM TOTAI	\$ 15,000.00 \$ 25,000.00 \$ 40,000.00 \$ 1,500.00 \$ 5,000.00 L SECTION O: \$ 35.00 \$ 35.00 \$ 55.00	\$15,000.00 \$25,000.00 \$40,000.00 \$1,500.00 \$5,000.00 \$190 \$35.00 \$35.00 \$55.00	0,000.00
386 387 388 389 389 Section I 390 391	Internal Point Repair Mechanical 27"-33" (Up to 6 LF) Internal Point Repair Mechanical 36"- 42" (Up to 6 LF) Internal Point Repair Mechanical or Other Method up to 108" Nominal Diameter (Up to 6 LF) Pipe or Other Confined Space Man Entry Safety System Confined Space Man Entry Safety Plan (3rd Party Certified)  P - Fusible PVC Installation by HDD or Other Means  2"-4" Installation of pipe clay ground conditions (pipe cost excluded)  2"-4" Installation of pipe rock ground conditions 2"-4" Installation of pipe cost excluded)  2"-4" Installation of pipe rock ground conditions (pipe cost excluded)  2"-4" Installation of pipe rock ground conditions (pipe cost excluded)  2"-4" Installation of pipe rock ground conditions (pipe cost excluded)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA DAY EA SUM TOTAL IN/DIA/LF IN/DIA/LF IN/DIA/LF IN/DIA/LF	\$ 15,000.00 \$ 25,000.00 \$ 40,000.00 \$ 1,500.00 \$ 5,000.00 L SECTION O: \$ 35.00 \$ 35.00	\$15,000.00 \$25,000.00 \$40,000.00 \$1,500.00 \$5,000.00 \$190 \$35.00 \$35.00	0,000.00
386 387 388 389 Section I 390 391 392 393	Internal Point Repair Mechanical 27"-33" (Up to 6 LF) Internal Point Repair Mechanical 36"- 42" (Up to 6 LF) Internal Point Repair Mechanical or Other Method up to 108" Nominal Diameter (Up to 6 LF) Pipe or Other Confined Space Man Entry Safety System Confined Space Man Entry Safety Plan (3rd Party Certified)  P - Fusible PVC Installation by HDD or Other Means  2"-4" Installation of pipe clay ground conditions (pipe cost excluded)  2"-4" Installation of pipe loose sand ground conditions (pipe cost excluded)  2"-4" Installation of pipe rock ground conditions	1 1 1 1 1 1 1 1 1 1 1 1	EA EA EA DAY EA SUM TOTAI IN/DIA/LF IN/DIA/LF IN/DIA/LF IN/DIA/LF IN/DIA/LF	\$ 15,000.00 \$ 25,000.00 \$ 40,000.00 \$ 1,500.00 \$ 5,000.00 L SECTION O: \$ 35.00 \$ 35.00 \$ 55.00 \$ 55.00	\$15,000.00 \$25,000.00 \$40,000.00 \$1,500.00 \$5,000.00 \$190 \$35.00 \$35.00 \$55.00	0,000.00
386 387 388 389 Section I 390 391 392 393 394 395 396	Internal Point Repair Mechanical 27"-33" (Up to 6 LF) Internal Point Repair Mechanical 36"- 42" (Up to 6 LF) Internal Point Repair Mechanical or Other Method up to 108" Nominal Diameter (Up to 6 LF) Pipe or Other Confined Space Man Entry Safety System Confined Space Man Entry Safety Plan (3rd Party Certified)  P - Fusible PVC Installation by HDD or Other Means  2"-4" Installation of pipe clay ground conditions (pipe cost excluded)  2"-4" Installation of pipe rock ground conditions (pipe cost excluded)  2"-4" Installation of pipe rock ground conditions 3000 psi (pipe cost excluded)  2"-4" Installation of pipe ground conditions 3000 psi (pipe cost excluded)  2"-4" Installation of pipe ground conditions per 1000 psi increase over 8000 psi 6"-8" Installation of pipe loose sand ground conditions (pipe cost excluded)  6"-8" Installation of pipe loose sand ground conditions (pipe cost excluded)	1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA DAY EA SUM TOTA  IN/DIA/LF IN/DIA/LF IN/DIA/LF IN/DIA/LF IN/DIA/LF IN/DIA/LF IN/DIA/LF IN/DIA/LF	\$ 15,000.00 \$ 25,000.00 \$ 40,000.00 \$ 1,500.00 \$ 5,000.00 \$ 5,000.00 L SECTION O: \$ 35.00 \$ 35.00 \$ 55.00 \$ 55.00 \$ 8.00 \$ 35.00 \$ 35.00 \$ 35.00	\$15,000.00 \$25,000.00 \$40,000.00 \$1,500.00 \$5,000.00 \$35.00 \$35.00 \$55.00 \$8.00 \$35.00	0,000.00
386 387 388 389 Section I 390 391 392 393 394 395 396 397	Internal Point Repair Mechanical 27"-33" (Up to 6 LF) Internal Point Repair Mechanical 36"- 42" (Up to 6 LF) Internal Point Repair Mechanical or Other Method up to 108" Nominal Diameter (Up to 6 LF) Pipe or Other Confined Space Man Entry Safety System Confined Space Man Entry Safety Plan (3rd Party Certified)  P - Fusible PVC Installation by HDD or Other Means  2"-4" Installation of pipe clay ground conditions (pipe cost excluded)  2"-4" Installation of pipe rock ground conditions  2"-4" Installation of pipe rock ground conditions (pipe cost excluded)  2"-4" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded)  2"-4" Installation of pipe ground conditions per 1000 psi increase over 8000 psi 6"-8" Installation of pipe loose sand ground conditions (pipe cost excluded)  6"-8" Installation of pipe loose sand ground conditions (pipe cost excluded)  6"-8" Installation of pipe rock ground conditions (pipe cost excluded)  6"-8" Installation of pipe rock ground conditions (pipe cost excluded)  6"-8" Installation of pipe rock ground conditions (pipe cost excluded)	1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA DAY EA SUM TOTA  IN/DIA/LF	\$ 15,000.00 \$ 25,000.00 \$ 40,000.00 \$ 1,500.00 \$ 5,000.00 \$ 5,000.00 \$ 35.00 \$ 35.00 \$ 55.00 \$ 8.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00	\$15,000.00 \$25,000.00 \$40,000.00 \$1,500.00 \$5,000.00 \$35.00 \$35.00 \$55.00 \$8.00 \$35.00 \$55.00 \$55.00	0,000.00
386 387 388 389 Section I 390 391 392 393 394 395 396 397 398	Internal Point Repair Mechanical 27"-33" (Up to 6 LF) Internal Point Repair Mechanical 36"- 42" (Up to 6 LF) Internal Point Repair Mechanical or Other Method up to 108" Nominal Diameter (Up to 6 LF) Pipe or Other Confined Space Man Entry Safety System Confined Space Man Entry Safety Plan (3rd Party Certified)  P - Fusible PVC Installation by HDD or Other Means  2"-4" Installation of pipe clay ground conditions (pipe cost excluded)  2"-4" Installation of pipe rock ground conditions (pipe cost excluded)  2"-4" Installation of pipe rock ground conditions 3000 psi (pipe cost excluded)  2"-4" Installation of pipe ground conditions per 1000 psi increase over 8000 psi 6"-8" Installation of pipe loose sand ground conditions (pipe cost excluded)  6"-8" Installation of pipe loose sand ground conditions (pipe cost excluded)  6"-8" Installation of pipe rock ground conditions (pipe cost excluded)  6"-8" Installation of pipe rock ground conditions	1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA DAY EA SUM TOTA  IN/DIA/LF	\$ 15,000.00 \$ 25,000.00 \$ 40,000.00 \$ 1,500.00 \$ 5,000.00 <b>L SECTION O:</b> \$ 35.00 \$ 35.00 \$ 55.00 \$ 35.00 \$ 35.00	\$15,000.00 \$25,000.00 \$40,000.00 \$1,500.00 \$5,000.00 \$35.00 \$35.00 \$55.00 \$35.00 \$35.00 \$35.00 \$55.00 \$35.00	0,000.00
386 387 388 389 Section I 390 391 392 393 394 395 396 397 398 399	Internal Point Repair Mechanical 27"-33" (Up to 6 LF) Internal Point Repair Mechanical 36"- 42" (Up to 6 LF) Internal Point Repair Mechanical or Other Method up to 108" Nominal Diameter (Up to 6 LF) Pipe or Other Confined Space Man Entry Safety System Confined Space Man Entry Safety Plan (3rd Party Certified)  P - Fusible PVC Installation by HDD or Other Means  2"-4" Installation of pipe clay ground conditions (pipe cost excluded)  2"-4" Installation of pipe rock ground conditions (pipe cost excluded)  2"-4" Installation of pipe rock ground conditions 3000 psi (pipe cost excluded)  2"-4" Installation of pipe ground conditions per 1000 psi increase over 8000 psi 6"-8" Installation of pipe loose sand ground conditions (pipe cost excluded)  6"-8" Installation of pipe loose sand ground conditions (pipe cost excluded)  6"-8" Installation of pipe rock ground conditions (pipe cost excluded)  6"-8" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded)  6"-8" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded)  6"-8" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded)  6"-8" Installation of pipe rock ground conditions per 1000 psi increase over 8000 psi 6"-8" Installation of pipe ground conditions per 1000 psi increase over 8000 psi	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA DAY EA SUM TOTAI  IN/DIA/LF	\$ 15,000.00 \$ 25,000.00 \$ 40,000.00 \$ 1,500.00 \$ 5,000.00 <b>L SECTION O:</b> \$ 35.00 \$ 55.00 \$ 55.00 \$ 35.00 \$ 35.00	\$15,000.00 \$25,000.00 \$40,000.00 \$1,500.00 \$5,000.00 \$35.00 \$35.00 \$55.00 \$35.00 \$35.00 \$35.00 \$55.00 \$35.00	0,000.00
386 387 388 389 Section   390 391 392 393 394 395 396 397 398 399 400	Internal Point Repair Mechanical 27"-33" (Up to 6 LF) Internal Point Repair Mechanical 36"- 42" (Up to 6 LF) Internal Point Repair Mechanical or Other Method up to 108" Nominal Diameter (Up to 6 LF) Pipe or Other Confined Space Man Entry Safety System Confined Space Man Entry Safety Plan (3rd Party Certified)  P - Fusible PVC Installation by HDD or Other Means 2"-4" Installation of pipe clay ground conditions (pipe cost excluded) 2"-4" Installation of pipe loose sand ground conditions (pipe cost excluded) 2"-4" Installation of pipe rock ground conditions 3000 psi (pipe cost excluded) 2"-4" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded) 2"-4" Installation of pipe ground conditions per 1000 psi increase over 8000 psi 6"-8" Installation of pipe loose sand ground conditions (pipe cost excluded) 6"-8" Installation of pipe rock ground conditions (pipe cost excluded) 6"-8" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded) 6"-8" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded) 6"-8" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded) 6"-8" Installation of pipe ground conditions per 1000 psi increase over 8000 psi 10"-12" Installation of pipe clay ground conditions (pipe cost excluded)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA EA DAY EA SUM TOTAI  IN/DIA/LF	\$ 15,000.00 \$ 25,000.00 \$ 40,000.00 \$ 1,500.00 \$ 5,000.00 \$ 5,000.00 \$ 35.00 \$ 35.00 \$ 55.00 \$ 35.00 \$ 35.00	\$15,000.00 \$25,000.00 \$40,000.00 \$1,500.00 \$5,000.00 \$190 \$35.00 \$55.00 \$8.00 \$35.00 \$35.00 \$55.00 \$35.00 \$35.00 \$35.00 \$35.00 \$35.00 \$35.00 \$35.00 \$35.00	0,000.00
386 387 388 389 Section I 390 391 392 393 394 395 396 397 398 399 400 401	Internal Point Repair Mechanical 27"-33" (Up to 6 LF) Internal Point Repair Mechanical 36"- 42" (Up to 6 LF) Internal Point Repair Mechanical or Other Method up to 108" Nominal Diameter (Up to 6 LF) Pipe or Other Confined Space Man Entry Safety System Confined Space Man Entry Safety Plan (3rd Party Certified)  P - Fusible PVC Installation by HDD or Other Means 2"-4" Installation of pipe clay ground conditions (pipe cost excluded) 2"-4" Installation of pipe loose sand ground conditions (pipe cost excluded) 2"-4" Installation of pipe rock ground conditions 2"-4" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded) 2"-4" Installation of pipe ground conditions per 1000 psi increase over 8000 psi 6"-8" Installation of pipe loose sand ground conditions (pipe cost excluded) 6"-8" Installation of pipe loose sand ground conditions (pipe cost excluded) 6"-8" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded) 6"-8" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded) 6"-8" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded) 6"-8" Installation of pipe rock ground conditions (pipe cost excluded) 6"-8" Installation of pipe cost ground conditions (pipe cost excluded) 6"-8" Installation of pipe clay ground conditions (pipe cost excluded) 6"-8" Installation of pipe clay ground conditions (pipe cost excluded) 10"-12" Installation of pipe loose sand ground conditions (pipe cost excluded)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA DAY EA SUM TOTAI IN/DIA/LF	\$ 15,000.00 \$ 25,000.00 \$ 40,000.00 \$ 1,500.00 \$ 5,000.00 \$ 5,000.00 \$ 35.00 \$ 35.00 \$ 55.00 \$ 35.00 \$	\$15,000.00 \$25,000.00 \$40,000.00 \$1,500.00 \$5,000.00 \$35.00 \$35.00 \$55.00 \$35.00 \$35.00 \$10.00 \$40.00	0,000.00
386 387 388 389 Section   390 391 392 393 394 395 396 397 398 399 400	Internal Point Repair Mechanical 27"-33" (Up to 6 LF) Internal Point Repair Mechanical 36"- 42" (Up to 6 LF) Internal Point Repair Mechanical or Other Method up to 108" Nominal Diameter (Up to 6 LF) Pipe or Other Confined Space Man Entry Safety System Confined Space Man Entry Safety Plan (3rd Party Certified)  P - Fusible PVC Installation by HDD or Other Means 2"-4" Installation of pipe clay ground conditions (pipe cost excluded) 2"-4" Installation of pipe loose sand ground conditions (pipe cost excluded) 2"-4" Installation of pipe rock ground conditions 3000 psi (pipe cost excluded) 2"-4" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded) 2"-4" Installation of pipe ground conditions per 1000 psi increase over 8000 psi 6"-8" Installation of pipe loose sand ground conditions (pipe cost excluded) 6"-8" Installation of pipe rock ground conditions (pipe cost excluded) 6"-8" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded) 6"-8" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded) 6"-8" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded) 6"-8" Installation of pipe ground conditions per 1000 psi increase over 8000 psi 10"-12" Installation of pipe clay ground conditions (pipe cost excluded)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA EA DAY EA SUM TOTAI  IN/DIA/LF	\$ 15,000.00 \$ 25,000.00 \$ 40,000.00 \$ 1,500.00 \$ 5,000.00 \$ 5,000.00 \$ 35.00 \$ 35.00 \$ 55.00 \$ 35.00 \$ 35.00	\$15,000.00 \$25,000.00 \$40,000.00 \$1,500.00 \$5,000.00 \$190 \$35.00 \$55.00 \$8.00 \$35.00 \$35.00 \$55.00 \$35.00 \$35.00 \$35.00 \$35.00 \$35.00 \$35.00 \$35.00 \$35.00	0,000.00
386 387 388 389 Section I 390 391 392 393 394 395 396 397 398 399 400 401 402	Internal Point Repair Mechanical 27"-33" (Up to 6 LF) Internal Point Repair Mechanical 36"- 42" (Up to 6 LF) Internal Point Repair Mechanical or Other Method up to 108" Nominal Diameter (Up to 6 LF) Pipe or Other Confined Space Man Entry Safety System Confined Space Man Entry Safety Plan (3rd Party Certified)  P - Fusible PVC Installation by HDD or Other Means 2"-4" Installation of pipe clay ground conditions (pipe cost excluded) 2"-4" Installation of pipe loose sand ground conditions (pipe cost excluded) 2"-4" Installation of pipe rock ground conditions 3000 psi (pipe cost excluded) 2"-4" Installation of pipe ground conditions per 1000 psi increase over 8000 psi 6"-8" Installation of pipe ground conditions (pipe cost excluded) 6"-8" Installation of pipe loose sand ground conditions (pipe cost excluded) 6"-8" Installation of pipe rock ground conditions (pipe cost excluded) 6"-8" Installation of pipe rock ground conditions (pipe cost excluded) 6"-8" Installation of pipe rock ground conditions 9000 psi (pipe cost excluded) 6"-8" Installation of pipe rock ground conditions 9000 psi (pipe cost excluded) 6"-8" Installation of pipe rock ground conditions 9000 psi (pipe cost excluded) 6"-8" Installation of pipe ground conditions per 1000 psi increase over 8000 psi 10"-12" Installation of pipe clay ground conditions (pipe cost excluded) 10"-12" Installation of pipe loose sand ground conditions (pipe cost excluded)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA DAY EA SUM TOTAI IN/DIA/LF	\$ 15,000.00 \$ 25,000.00 \$ 40,000.00 \$ 1,500.00 \$ 5,000.00 L SECTION O: \$ 35.00 \$ 35.00 \$ 55.00 \$ 8.00 \$ 35.00 \$ 35.00 \$ 55.00 \$ 35.00 \$ 35.00 \$ 40.00 \$ 40.00 \$ 40.00	\$15,000.00 \$25,000.00 \$40,000.00 \$1,500.00 \$5,000.00 \$190 \$35.00 \$35.00 \$55.00 \$8.00 \$35.00 \$55.00 \$40.00 \$40.00 \$40.00	0,000.00
386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403	Internal Point Repair Mechanical 27"-33" (Up to 6 LF) Internal Point Repair Mechanical 36"- 42" (Up to 6 LF) Internal Point Repair Mechanical or Other Method up to 108" Nominal Diameter (Up to 6 LF) Pipe or Other Confined Space Man Entry Safety System Confined Space Man Entry Safety Plan (3rd Party Certified)  P - Fusible PVC Installation by HDD or Other Means 2"-4" Installation of pipe clay ground conditions (pipe cost excluded) 2"-4" Installation of pipe loose sand ground conditions (pipe cost excluded) 2"-4" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded) 2"-4" Installation of pipe ground conditions 3000-8000 psi (pipe cost excluded) 2"-4" Installation of pipe ground conditions per 1000 psi increase over 8000 psi 6"-8" Installation of pipe clay ground conditions (pipe cost excluded) 6"-8" Installation of pipe loose sand ground conditions (pipe cost excluded) 6"-8" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded) 6"-8" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded) 6"-8" Installation of pipe rock ground conditions per 1000 psi increase over 8000 psi 10"-12" Installation of pipe clay ground conditions (pipe cost excluded) 10"-12" Installation of pipe rock ground conditions (pipe cost excluded) 10"-12" Installation of pipe rock ground conditions (pipe cost excluded) 10"-12" Installation of pipe rock ground conditions (pipe cost excluded) 10"-12" Installation of pipe rock ground conditions 9psi (pipe cost excluded) 10"-12" Installation of pipe rock ground conditions 9psi (pipe cost excluded)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EA EA DAY EA SUM TOTA  IN/DIA/LF	\$ 15,000.00 \$ 25,000.00 \$ 40,000.00 \$ 1,500.00 \$ 5,000.00 <b>L SECTION O:</b> \$ 35.00 \$ 35.00 \$ 55.00 \$ 55.00 \$ 8.00 \$ 35.00 \$ 55.00 \$ 10.00 \$ 40.00 \$ 40.00 \$ 65.00	\$15,000.00 \$25,000.00 \$40,000.00 \$1,500.00 \$5,000.00 \$190 \$35.00 \$35.00 \$55.00 \$55.00 \$35.00 \$40.00 \$40.00 \$40.00 \$65.00	

407						
	14"-18" Installation of pipe rock ground conditions<3000 psi (pipe cost excluded)	1	IN/DIA/LF	\$ 65.00	\$65.00	
408	14"-18" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded)	1	IN/DIA/LF	\$ 65.00	\$65.00	
409	14"-18" Installation of pipe ground conditions per 1000 psi increase over 8000 psi	1	IN/DIA/LF	\$ 15.00	\$15.00	
410	20"- 24" Installation of pipe clay ground conditions (pipe cost excluded)	1	IN/DIA/LF	\$ 45.00	\$45.00	
411	20"- 24" Installation of pipe loose sand ground conditions (pipe cost excluded)	1	IN/DIA/LF	\$ 45.00	\$45.00	
412	20"- 24" Installation of pipe rock ground conditions<3000 psi (pipe cost excluded)	1	IN/DIA/LF	\$ 65.00	\$65.00	
413	20"- 24" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded)	1	IN/DIA/LF	\$ 65.00	\$65.00	
414	20"- 24" Installation of pipe ground conditions per 1000 psi increase over 8000 psi	1	IN/DIA/LF	\$ 18.00	\$18.00	
415	27"- 36" Installation of pipe clay ground conditions (pipe cost excluded)	1	IN/DIA/LF	\$ 45.00	\$45.00	
416	27"- 36" Installation of pipe loose sand ground conditions (pipe cost excluded)	1	IN/DIA/LF	\$ 45.00	\$45.00	
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417	27"- 36" Installation of pipe rock ground conditions<3000 psi (pipe cost excluded)	1	IN/DIA/LF	\$ 65.00	\$65.00	
418	27"- 36" Installation of pipe rock ground conditions 3000-8000 psi (pipe cost excluded)	1	IN/DIA/LF	\$ 65.00	\$65.00	
419	27"- 36" Installation of pipe ground conditions per 1000 psi increase over 8000 psi	1	IN/DIA/LF	\$ 25.00	\$25.00	
420	Short Length Setup < 100 LF	1	IN/DIA/LF	\$ 25.00	\$25.00	
421	All Sizes Increase for extraordinary drilling conditions (may be applied to each dia.)	1	IN/DIA/LF	\$ 25.00	\$25.00	
422	4" DR 14 DIPS Fusible PVC®	1	LF	\$ 17.00	\$17.00	
423	4" DR 18 DIPS Fusible PVC®	1	LF	\$ 13.00	\$13.00	
424	6" DR 14 DIPS Fusible PVC®	1	LF	\$ 33.00	\$33.00	
425	6" DR 18 DIPS Fusible PVC®	1	LF	\$ 26.00	\$26.00	
426	6" DR 25 DIPS Fusible PVC®	1	LF	\$ 19.00	\$19.00	
427	8" DR 14 DIPS Fusible PVC®	1	LF 	\$ 56.00	\$56.00	
428	8" DR 18 DIPS Fusible PVC®	1	LF	\$ 44.00	\$44.00	
429	8" DR 25 DIPS Fusible PVC®	1	LF	\$ 33.00	\$33.00	
430	10" DR 14 DIPS Fusible PVC®	1	LF	\$ 85.00	\$85.00	
431	10" DR 18 DIPS Fusible PVC®	1	LF	\$ 67.00	\$67.00	
432	10" DR 25 DIPS Fusible PVC®	1	LF	\$ 49.00	\$49.00	
433	12" DR 14 DIPS Fusible PVC®	1	LF	\$ 118.00	\$118.00	
434	12" DR 18 DIPS Fusible PVC®	1	LF	\$ 94.00	\$94.00	
_	12" DR 16 DIPS Fusible PVC*		LF	· ·	\$94.00 \$70.00	
435		1		· ·	· · · · · · · · · · · · · · · · · · ·	
436	14" DR 14 DIPS Fusible PVC®	1	LF	\$ 160.00	\$160.00	
437	14" DR 18 DIPS Fusible PVC®	1	LF	\$ 125.00	\$125.00	
438	14" DR 21 DIPS Fusible PVC®	1	LF	\$ 110.00	\$110.00	
439	14" DR 25 DIPS Fusible PVC®	1	LF	\$ 93.00	\$93.00	
440	16" DR 14 DIPS Fusible PVC®	1	LF	\$ 208.00	\$208.00	
441	16" DR 18 DIPS Fusible PVC®	1	LF	\$ 163.00	\$163.00	
442	16" DR 21 DIPS Fusible PVC®	1	LF	\$ 140.00	\$140.00	
		-	LF	·		
443	16" DR 25 DIPS Fusible PVC®	1		\$ 120.00	\$120.00	
444	18" DR 18 DIPS Fusible PVC®	1	LF	\$ 205.00	\$205.00	
445	18" DR 21 DIPS Fusible PVC®	1	LF	\$ 176.00	\$176.00	
446	18" DR 25 DIPS Fusible PVC®	1	LF	\$ 150.00	\$150.00	
447	20" DR 14 DIPS Fusible PVC®	1	LF	\$ 315.00	\$315.00	
448	20" DR 18 DIPS Fusible PVC®	1	LF	\$ 250.00	\$250.00	
449	20" DR 21 DIPS Fusible PVC®	1	LF	\$ 220.00	\$220.00	
450	20" DR 25 DIPS Fusible PVC®	1	LF	\$ 184.00	\$184.00	
451	24" DR 18 DIPS Fusible PVC®	1	LF	\$ 356.00	\$356.00	
452	24" DR 21 DIPS Fusible PVC®	1	LF	\$ 308.00	\$308.00	
453	24" DR 25 DIPS Fusible PVC®	1	LF	\$ 265.00	\$265.00	
				·		
454	30" DR 21 DIPS Fusible PVC®	1	LF	\$ 475.00	\$475.00	
455	30" DR 25 DIPS Fusible PVC®	1	LF	\$ 400.00	\$400.00	
456	36" DR 21 DIPS Fusible PVC®	1	LF	\$ 680.00	\$680.00	
457	36" DR 25 DIPS Fusible PVC®	1	LF	\$ 575.00	\$575.00	
458	Freight for Fusible PVC®	1	Per Truck	\$ 6,250.00	\$6,250.00	
459	Mobilization/Demobilization for Fusible PVC®	1	Per Event	\$ 11,000.00	\$11,000.00	
			I GI L VEIIL	Ψ 11,000.00 1	Ψ11,000.00	
460	Fusion Services for 4"-12" Fusible PVC®	1	Day	\$ 3,500.00	\$3,500.00	
		1 1	Day		\$3,500.00	
461	Fusion Services for 14"-16" Fusible PVC®	1	Day Day	\$ 3,500.00 \$ 3,800.00	\$3,500.00 \$3,800.00	
461 462	Fusion Services for 14"-16" Fusible PVC® Fusion Services for 18"- 24" Fusible PVC®	1 1	Day Day Day	\$ 3,500.00 \$ 3,800.00 \$ 4,500.00	\$3,500.00 \$3,800.00 \$4,500.00	
461 462 463	Fusion Services for 14"-16" Fusible PVC® Fusion Services for 18"- 24" Fusible PVC® Fusion Services for 30"- 36" Fusible PVC®	1 1 1	Day Day Day Day	\$ 3,500.00 \$ 3,800.00 \$ 4,500.00 \$ 6,300.00	\$3,500.00 \$3,800.00 \$4,500.00 \$6,300.00	
461 462 463 464	Fusion Services for 14"-16" Fusible PVC® Fusion Services for 18"- 24" Fusible PVC® Fusion Services for 30"- 36" Fusible PVC® Pressure testing	1 1 1	Day Day Day Day IN/DIA/LF	\$ 3,500.00 \$ 3,800.00 \$ 4,500.00 \$ 6,300.00 \$ 5.00	\$3,500.00 \$3,800.00 \$4,500.00 \$6,300.00 \$5.00	
461 462 463 464 465	Fusion Services for 14"-16" Fusible PVC® Fusion Services for 18"- 24" Fusible PVC® Fusion Services for 30"- 36" Fusible PVC® Pressure testing Install Fire Hydrant	1 1 1 1 1	Day Day Day Day IN/DIA/LF EA	\$ 3,500.00 \$ 3,800.00 \$ 4,500.00 \$ 6,300.00 \$ 5.00 \$ 10,000.00	\$3,500.00 \$3,800.00 \$4,500.00 \$6,300.00 \$5.00 \$10,000.00	
461 462 463 464 465 466	Fusion Services for 14"-16" Fusible PVC® Fusion Services for 18"- 24" Fusible PVC® Fusion Services for 30"- 36" Fusible PVC® Pressure testing Install Fire Hydrant Ductile Iron Fittings, Restraints, Hardware	1 1 1 1 1 1	Day Day Day Day EA Day LE Day	\$ 3,500.00 \$ 3,800.00 \$ 4,500.00 \$ 6,300.00 \$ 5.00 \$ 10,000.00 \$ 25.00	\$3,500.00 \$3,800.00 \$4,500.00 \$6,300.00 \$5.00 \$10,000.00 \$25.00	
461 462 463 464 465 466 467	Fusion Services for 14"-16" Fusible PVC® Fusion Services for 18"- 24" Fusible PVC® Fusion Services for 30"- 36" Fusible PVC® Pressure testing Install Fire Hydrant Ductile Iron Fittings, Restraints, Hardware 3-Way Fire Hydrant Assembly	1 1 1 1 1 1	Day Day Day Day IN/DIA/LF EA LB	\$ 3,500.00 \$ 3,800.00 \$ 4,500.00 \$ 6,300.00 \$ 5.00 \$ 10,000.00 \$ 25.00 \$ 6,500.00	\$3,500.00 \$3,800.00 \$4,500.00 \$6,300.00 \$5.00 \$10,000.00 \$25.00 \$6,500.00	
461 462 463 464 465 466 467 468	Fusion Services for 14"-16" Fusible PVC® Fusion Services for 18"- 24" Fusible PVC® Fusion Services for 30"- 36" Fusible PVC® Pressure testing Install Fire Hydrant Ductile Iron Fittings, Restraints, Hardware 3-Way Fire Hydrant Assembly Salvage Existing Fire Hydrant	1 1 1 1 1 1 1	Day Day Day Day IN/DIA/LF EA LB EA EA	\$ 3,500.00 \$ 3,800.00 \$ 4,500.00 \$ 6,300.00 \$ 5.00 \$ 10,000.00 \$ 25.00 \$ 6,500.00 \$ 1,000.00	\$3,500.00 \$3,800.00 \$4,500.00 \$6,300.00 \$5.00 \$10,000.00 \$25.00 \$6,500.00 \$1,000.00	
461 462 463 464 465 466 467 468 469	Fusion Services for 14"-16" Fusible PVC® Fusion Services for 18"- 24" Fusible PVC® Fusion Services for 30"- 36" Fusible PVC® Pressure testing Install Fire Hydrant Ductile Iron Fittings, Restraints, Hardware 3-Way Fire Hydrant Assembly Salvage Existing Fire Hydrant Tracer Wire	1 1 1 1 1 1 1 1	Day Day Day Day IN/DIA/LF EA LB EA EA LF	\$3,500.00 \$3,800.00 \$4,500.00 \$6,300.00 \$5.00 \$10,000.00 \$25.00 \$6,500.00 \$1,000.00	\$3,500.00 \$3,800.00 \$4,500.00 \$6,300.00 \$5.00 \$10,000.00 \$25.00 \$6,500.00 \$1,000.00 \$8.00	
461 462 463 464 465 466 467 468 469 470	Fusion Services for 14"-16" Fusible PVC® Fusion Services for 18"- 24" Fusible PVC® Fusion Services for 30"- 36" Fusible PVC® Pressure testing Install Fire Hydrant Ductile Iron Fittings, Restraints, Hardware 3-Way Fire Hydrant Assembly Salvage Existing Fire Hydrant Tracer Wire Connect to Existing Water Meter (include new angle valve)	1 1 1 1 1 1 1 1 1 1	Day Day Day Day IN/DIA/LF EA LB EA LF EA	\$3,500.00 \$3,800.00 \$4,500.00 \$6,300.00 \$5.00 \$10,000.00 \$25.00 \$6,500.00 \$1,000.00 \$8.00 \$1,500.00	\$3,500.00 \$3,800.00 \$4,500.00 \$6,300.00 \$5.00 \$10,000.00 \$25.00 \$6,500.00 \$1,000.00 \$8.00 \$1,500.00	
461 462 463 464 465 466 467 468 469 470 471	Fusion Services for 14"-16" Fusible PVC® Fusion Services for 18"- 24" Fusible PVC® Fusion Services for 30"- 36" Fusible PVC® Pressure testing Install Fire Hydrant Ductile Iron Fittings, Restraints, Hardware 3-Way Fire Hydrant Assembly Salvage Existing Fire Hydrant Tracer Wire Connect to Existing Water Meter (include new angle valve) Furnish & Install New Water Meter Box	1 1 1 1 1 1 1 1 1 1	Day Day Day Day IN/DIA/LF EA LB EA LF EA	\$ 3,500.00 \$ 3,800.00 \$ 4,500.00 \$ 6,300.00 \$ 5.00 \$ 10,000.00 \$ 25.00 \$ 6,500.00 \$ 1,000.00 \$ 8.00 \$ 1,500.00 \$ 2,500.00	\$3,500.00 \$3,800.00 \$4,500.00 \$6,300.00 \$5.00 \$10,000.00 \$25.00 \$6,500.00 \$1,000.00 \$8.00 \$1,500.00 \$2,500.00	
461 462 463 464 465 466 467 468 469 470	Fusion Services for 14"-16" Fusible PVC® Fusion Services for 18"- 24" Fusible PVC® Fusion Services for 30"- 36" Fusible PVC® Pressure testing Install Fire Hydrant Ductile Iron Fittings, Restraints, Hardware 3-Way Fire Hydrant Assembly Salvage Existing Fire Hydrant Tracer Wire Connect to Existing Water Meter (include new angle valve) Furnish & Install New Water Meter Box Remove Gate Valve & Box	1 1 1 1 1 1 1 1 1 1	Day Day Day Day IN/DIA/LF EA LB EA LF EA LF EA LF EA EA	\$3,500.00 \$3,800.00 \$4,500.00 \$6,300.00 \$5.00 \$10,000.00 \$25.00 \$6,500.00 \$1,000.00 \$8.00 \$1,500.00	\$3,500.00 \$3,800.00 \$4,500.00 \$6,300.00 \$5.00 \$10,000.00 \$25.00 \$6,500.00 \$1,000.00 \$8.00 \$1,500.00	
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481	ROW Clearing - (typical up to 20 feet wide)	1	LF	\$	75.00	\$75.00	
482	ROW Maintenance - (typical up to 20 feet wide)	1	LF	\$	25.00	\$25.00	
483	Tree removal and disposal 1" - 6"	1	EA		1,000.00	\$1,000.00	
484	Tree removal and disposal 6" - 12"	1	EA		2,500.00	\$2,500.00	
485	Install 14' Gate	1	EA	\$	7,500.00	\$7,500.00	
486	Technical Field Support	1	HR	\$	150.00	\$150.00	
			SUM TOTA		ECTION O.	¢11	,250.00
			SUN TOTA	L SI	ECTION Q.	Φ11	,230.00
ction	R - Geopolymer Storm Pipe & Culvert Lining						
487	30" Storm Pipe - Minimum 1.0"	1	LF	\$	290.00	\$290.00	
488	36" Storm Pipe - Minimum 1.0"	1	LF	\$	350.00	\$350.00	
489	42" Storm Pipe - Minimum 1.0"	1	LF	\$	400.00	\$400.00	
490	48" Storm Pipe - Minimum 1.0"	1	LF	\$	465.00	\$465.00	
491	54" Storm Pipe - Minimum 1.5"	1	LF	\$	590.00	\$590.00	
492	60" Storm Pipe - Minimum 1.5"	1	LF	\$	650.00	\$650.00	
493	66" Storm Pipe - Minimum 1.5"	1	LF	\$	720.00	\$720.00	
494	72" Storm Pipe - Minimum 1.5"	1	LF	\$	780.00	\$780.00	
495	78" Storm Pipe - Minimum 1.5"	1	LF	\$	840.00	\$840.00	
496	84" Storm Pipe - Minimum 1.5"	1	LF	\$	900.00	\$900.00	
497	90" Storm Pipe - Minimum 1.5"	1	LF	\$	950.00	\$950.00	
498	96" Storm Pipe - Minimum 1.5"	1	LF	\$	1,000.00	\$1,000.00	
499	Short length setup add-on	1	IN/DIA/LF	\$	20.00	\$20.00	
500	Additional 1.0" thickness	1	SF	\$	65.00	\$65.00	
501	#3 Steel Rebar on 18" Centers for 30" Pipe	1	LF	\$	90.00	\$90.00	
502	#3 Steel Rebar on 18" Centers for 36" Pipe	1	LF	\$	100.00	\$100.00	
503	#3 Steel Rebar on 18" Centers for 42" Pipe	1	LF	\$	105.00	\$105.00	
504	#3 Steel Rebar on 18" Centers for 48" Pipe	1	LF	\$	115.00	\$115.00	
505	#3 Steel Rebar on 18" Centers for 54" Pipe	1	LF	\$	125.00	\$125.00	
506	#3 Steel Rebar on 18" Centers for 60" Pipe	1	LF	\$	135.00	\$135.00	
507	#3 Steel Rebar on 18" Centers for 66" Pipe	1	LF	\$	140.00	\$140.00	
508	#3 Steel Rebar on 18" Centers for 72" Pipe	1	LF	\$	150.00	\$150.00	
509	#3 Steel Rebar on 18" Centers for 78" Pipe	1	LF	\$	155.00	\$155.00	
510	#3 Steel Rebar on 18" Centers for 84" Pipe	1	LF	\$	165.00	\$165.00	
511	#3 Steel Rebar on 18" Centers for 90" Pipe	1	LF	\$	170.00	\$170.00	
512	#3 Steel Rebar on 18" Centers for 96" Pipe	1	LF	\$	180.00	\$180.00	
513	Invert Repair	1	LF	\$	250.00	\$250.00	
514	Hydraulic Jacking of CMP	1	LF	\$	135.00	\$135.00	
515	6" Thickness Concrete Flatwork	1	SF	\$	50.00	\$50.00	
516	Rip Rap Supply and Install	1	CF	\$	165.00	\$165.00	
517	Void Grouting with Cementitious Grout	1	CF	\$	140.00	\$140.00	
317	Void Glodding with Gernerittious Glodi	1	OI .	Ψ	140.00	Ψ140.00	
			SUM TOTA	L SI	ECTION R:	\$10	,390.00
tachm	ent "A" RS Means Current Edition Facilities Construction Cost Data Book, late	st edition Stated Discount or Coa	fficent from "T	otal	incl O&P" (	OLLIMN	
lacilli	The means current Euthorn admites Construction Cost Data Book, late	St edition. Stated Discoult of Coe	Multiplier	Jiai	1.50	OLUMIN	
tachm	ent "B" RS Means Current Edition Heavy Construction Cost Data Book, latest	edition. Stated Discount or Coeffic		al ind		LUMN	1
			Multiplier		1.50		
			TOTAL ALL S	ECT	IONS A-R:	\$1,26	3,372.50

## EXHIBIT \_B\_

INSURANCE REQUIREMENTS:	

CONTRACTOR shall not commence services under the terms of this Agreement until certification or proof of insurance detailing terms and provisions has been received and approved in writing by the CITY's Risk Manager. If you are responding to a bid and have questions regarding the insurance requirements hereunder, please contact the City's Purchasing Department at (954) 786-4098. If the contract has already been awarded, please direct any queries and proof of the requisite insurance coverage to City staff responsible for oversight of the subject project/contract.

CONTRACTOR is responsible to deliver to the CITY for timely review and written approval/disapproval Certificates of Insurance which evidence that all insurance required hereunder is in full force and effect and which name on a primary basis, the CITY as an additional insured on all such coverage. Such policy or policies shall be issued by United States Treasury approved companies authorized to do business in the State of Florida. The policies shall be written on forms acceptable to the City's Risk Manager, meet a minimum financial A.M. Best and Company rating of no less than Excellent, and be part of the Florida Insurance Guarantee Association Act. No changes are to be made to these specifications without prior written approval of the City's Risk Manager.

Throughout the term of this Agreement, CITY, by and through its Risk Manager, reserve the right to review, modify, reject or accept any insurance policies required by this Agreement, including limits, coverages or endorsements. CITY reserves the right, but not the obligation, to review and reject any insurer providing coverage because of poor financial condition or failure to operate legally.

Failure to maintain the required insurance shall be considered an event of default. The requirements herein, as well as CITY's review or acceptance of insurance maintained by CONTRACTOR, are not intended to and shall not in any way limit or qualify the liabilities and obligations assumed by CONTRACTOR under this Agreement.

Throughout the term of this Agreement, CONTRACTOR and all subcontractors or other agents hereunder, shall, at their sole expense, maintain in full force and effect, the following insurance coverages and limits described herein, including endorsements.

A. Worker's Compensation Insurance covering all employees and providing benefits as required by Florida Statute, Chapter 440, regardless of the size of the company (number of employees) or the state in which the work is to be performed or of the state in which Contractor is obligated to pay compensation to employees engaged in the performance of the work. Contractor further agrees to be responsible for employment, control and conduct of its employees and for any injury sustained by such employees in the course of their employment.

(1) Naming the City of Pompano Beach as an additional insured as City's interests may appear, on General Liability Insurance only, relative to claims which arise from Contractor's negligent acts or omissions in connection with Contractor's performance under this Agreement.					
(2) Such Liability insurance shall include the following checked types of insurance and indicated minimum policy limits.					
Туре	e of Insurance	Limits of Liability			
	ERAL LIABILITY: icy to be written on a claims incu	Minimum \$1,000,000 Per Occurrence and \$2,000,000 Per Aggregate arred basis			
X_X ex	comprehensive form premises - operations plosion & collapse hazard	bodily injury and property damage bodily injury and property damage			
	derground hazard products/completed operations hazard	bodily injury and property damage combined			
X_ indep	contractual insurance	bodily injury and property damage combined odily injury and property damage combined X personal injury			
	CG2010 CG 2037 sexual abuse/molestation	ongoing operations (or its' equivalent) completed operations (or its' equivalent) Minimum \$1,000,000 Per Occurrence and Aggregate			
AUT	OMOBILE LIABILITY: X	Minimum \$1,000,000 Per Occurrence and \$2,000,000 Per Aggregate. Bodily injury (each person) bodily injury (each accident), property damage, bodily injury and property damage combined.			
XX XX XX XX	comprehensive form owned hired non-owned	Minimum \$10,000/\$20,000/\$10,000 (Florida's Minimum Coverage)			

Liability Insurance.

B.

Please note that Florida Statue Section 255.05 requires contractors who enter into a contract with the City to purchase a payment and performance bond when the contract is in excess of \$200,000.

## **REAL & PERSONAL PROPERTY**

by the applicable statute of limitations.

comprehensive form	Agent must show p	Agent must show proof they have this coverage.			
EXCESS LIABILITY		Per Occurrence	ce Aggregate		
XX_ umbrella (Drop Down).	bodily injury and property damage co	\$3,000,000 ombined	\$3,000,000		
ENVIRONMENTAL/POLLUT	TION LIABILITY	Per Occurrence	ce Aggregate		
XX_* Policy to be written on a c	claims made basis	\$1,000,000	\$2,000,000		
CONTRACTOR is required to probe by hazardous waste material.	ovide Environmental/Po	llution Liability	for damage(s) caused		
PROFESSIONAL LIABILITY		Per Occurrence	ce Aggregate		
* Policy to be written on a	claims made basis	\$1,000,000	\$1,000,000		
CONTRACTOR is required to pr	ovide Professional Liabi	lity if engineering	ng and design is used.		
CYBER LIABILITY		Per Occurrence	ce Aggregate		
* Policy to be written on a	claims made basis	\$3,000,000	\$3,000,000		
Network Security / Privacy Liability Breach Response / Notification Sublimit (minimum limit of 50% of policy aggregate) Technology Products E&O - \$3,000,000 (only applicable for vendors supplying technology related services and or products) Coverage shall be maintained in effect during the period of the Agreement and for not less than four (4) years after termination/ completion of the Agreement.					
CRIME LIABILITY		Per Occurrence	ce Aggregate		
* Policy to be written on a	claims made basis	\$1,000,000	\$1,000,000		
(3) If Profess	ional Liability insuranc	e is required,	Contractor agrees the		

indemnification and hold harmless provisions of Section 12 of the Agreement shall survive the termination or expiration of the Agreement for a period of three (3) years unless terminated sooner

- C. <u>Employer's Liability</u>. CONTRACTOR and all subcontractors shall, for the benefit of their employees, provide, carry, maintain and pay for Employer's Liability Insurance in the minimum amount of One Hundred Thousand Dollars (\$100,000.00) per employee, Five Hundred Thousand Dollars (\$500,000) per aggregate.
- D. <u>Policies</u>: Whenever, under the provisions of this Agreement, insurance is required of the CONTRACTOR, the CONTRACTOR shall promptly provide the following:
  - (1) Certificates of Insurance evidencing the required coverage;
  - (2) Names and addresses of companies providing coverage;
  - (3) Effective and expiration dates of policies; and
- (4) A provision in all policies affording CITY thirty (30) days written notice by a carrier of any cancellation or material change in any policy.
- E. <u>Insurance Cancellation or Modification</u>. Should any of the required insurance policies be canceled before the expiration date, or modified or substantially modified, the issuing company shall provide thirty (30) days written notice to the CITY.
- F. <u>Waiver of Subrogation</u>. CONTRACTOR hereby waives any and all right of subrogation against the CITY, its officers, employees and agents for each required policy. When required by the insurer, or should a policy condition not permit an insured to enter into a pre-loss agreement to waive subrogation without an endorsement, then CONTRACTOR shall notify the insurer and request the policy be endorsed with a Waiver of Transfer of Rights of Recovery Against Others, or its equivalent. This Waiver of Subrogation requirement shall not apply to any policy which includes a condition to the policy not specifically prohibiting such an endorsement, or voids coverage should CONTRACTOR enter into such an agreement on a pre-loss basis.

Please note that Florida Statue Section 255.05 requires contractors who enter into a contract with the City to purchase a payment and performance bond when the contract is in excess of \$200,000.

DATE (MMIDD/YYYY)

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER, THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BEL OW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRA CT BETWEEN THE ISSUING INSURER(\$), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the cert ifi cate hold er is an ADDMONAL INSURED, the policy(les) must have ADDm ONAL INSURED pro visions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this

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20877705 THIS IS TO CERTIFY THAT THE POLICES OF INSURANCELISTED BELOW HAVE BEEN ISSUEDTO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD

**CERTIFICATE NUMBER-**

	PERTA	IN. T	THE INSURANCE AFFORDED BY	THE POLICIE	S DESCRIBE	DOCUMENT WITH RESPECT TO WHICH THIS D HEREIN IS SUBJECT TO ALL THE TERMS
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City of Pompano Beach is additional insured unda G<ncralLia bility if required by \ntlen contract cx.:culcd prior to loss. but only with resp," \tag{t 10 lia bility arising out of the l\amcJ ln, urcu-s op.!rations. \\aiYcr of S ubrog:11iun app lies under (ic--- rº1 --i lir. --· 1;\_\_: Jit v Wnrk · r., Cum~ •n. • ti..n.., " · . bility ifr equircd by \\nucn

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## **APPROVED**

By David Daley at 2:08 pm, Sep 11, 2024

© 1988-2015 ACORD CORPORATIO

CERTIFI C ATE HOLDE R	CANCELLA TION See Attachments
20877705 City of Pompano Beach 100 Atlantic Avenue Blyd. Pompano Beach FL 33060	SHOULD ANY OF THE ABOVE OESCRIBEOPOLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE

CO VERAGES

# :AJA Document A312<sup>1</sup><sub>M</sub> - 2010

Bond Number: 105104124

## **Performance Bond**

**CONTRACTOR:** 

(Name, legal status and address)

Insituform Technologies, LLC 580 Goddard Avenue Chesterfield, MO 63005

**OWNER:** 

(Name, lega I status and address) City of Pompano Beach

100 W. Atlantic Blvd. Pompano Beach, FL 33060

**CONSTRUCTION CONTRACT** 

Date:

**Amount: Two Million And Nol100** 

\$2,000,000.00

**SURETY:** 

( Name, legal status and principal place of business)

**Travelers Casualty and Surety Company of America** One Tower Square

Hartford, CT 06183

**Mail Notices To: Travelers** 

Attn: Surety Claim Dept. One Tower Square 2S1A Hartford, CT 06183

**Local Surety Address: Travelers** 

940 Westport Plaza Drive, Ste 450 Maryland Heights, MO 63146

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor. Surety. owner or other party shall be considered plural where applicable.

AIA Document A312-2010 combines two separate bonds , a Performance Bond and a Payment Bond, into one form. This is not a single combined Performance and Payment Bond.

**APPROVED** 

By David Daley at 12:42 pm, Sep 11, 2024

Description: Pipeline Rehabilitation Piggyback Agreement No. 12376

(Name and location)

**BOND** 

Date:

(Not earlier than Construction Contract Date)

**Amount:Two Million And Nol100** 

\$2,000,000.00

Modifications to this Bond:

IRI None

☐ See Section 16

**CONTRACTOR AS PRINCIPAL** 

Company: Insituform Technologies, LLC

(Corporate Seal)

Signature Diane Partridge

Chame and Ette: Diane Partridge

Contracting & Attesting Officer Any additional signatures appear on the last page of this Performance Bond)

**SURETY** 

Company: Travelers Casualty and Surety Company of America

(Corporate Seal)

Signature:

Name and Title: Andrew P. Thome, Attorney-in-Fact



St. Louis, MO 63017 314-594-2700

(FOR INFORMATION ONLY- Name, address and telephone)

AGENT or BROKER:

Marsh Mclennan Agency **B25 Maryville Centre Drive, Suite 200** 

## OWNER'S REPRESENTATIVE:

(Architect, Engineer or other party):

AIA Document A312""" - 2010. The American Institute of Architects.

1

- § 1 The Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the Owner for the performance of the Construction Contract, which is incorporated herein by reference.
- § 2 If the Contractor performs the Construction Contract, the Surety and the Contractor shall have no obligation under this Bond, except when applicable to participate in a conference as provided in Section 3.
- § 3 If there is no Owner Default under the Construction Contract, the Surety's obligation under this Bond shall arise after
  - the Owner first provides notice to the Contractor and the Surety that the Owner is considering declaring a Contractor Default . Such notice shall indicate whether the Owner is requesting a conference among the Owner, Contractor and Surety to discuss the Contractor's performance. If the Owner does not request a conference, the Surety may, within five (5) business days after receipt of the Owner's notice, request such a conference . If the Surety timely requests a conference, the Owner shall att end . Unless the Owner agrees otherwise, any conference requested under this Section 3.1 shall be held within ten (10) business days of the Surety's receipt of the Owner's notice. If the Owner, the Contractor and the Surety agree, the Contractor shall be allowed a reasonable time to perform the Construction Contract, but such an agreement shall not waive the Owner's right, if any, subsequently to declare a Contractor Default:
  - .2 the Owner declares a Contractor Default, terminates the Construction Contract and notifies the Surety;
  - .3 the Owner has agreed to pay the Balance of the Contract Price in accordance with the terms of the Construction Contract to the Surety or to a contractor selected to perform the Construction Contract.
- § 4 Failure on the part of the Owner to comply with the notice requirement in Section 3.1 shall not constitute a failure to comply with a condition precedent to the Surety's obligations, or release the Surety from its obligations, except to the extent the Surety demonstrates actual prejudice.
- § 5 when the Owner has satisfied the conditions of Section 3, the Surety shall promptly and at the Surety's expense take one of the following actions:
- § 5. 1 Arrange for the Contractor, with the consent of the Owner, to perform and complete the Construction Contract;
- § 5.2 Undertake to perform and complete the Construction Contract itself, through its agents or independent contractors;
- § 5.3 Obtain bids or negotiated proposals from qualified contractors acceptable to the Owner for a contract for performance and completion of the Construction Contract, arrange for a contract to be prepared for execution by the Owner and a contractor selected with the Owner's concurrence, to be secured with performance and payment bonds executed by a qualified surety equivalent to the bonds issued on the Construction Cont r act, and pay to the Owner the amount of damages as described in Section 7 in excess of the Balance of the Contract Price incurred by the Owner as a result of the Contractor Default; or
- § 5.4 Waive its right to perform and complete, arrange for completion, or obtain a new contractor and with reasonable promptness under the circumstances:
  - .1 After investigation, determine the amount for which it may be liable to the Owner and, as soon as practicable after the amount is determined, make payment to the Owner; or
  - . 2 Deny liability in whole or in part and notify the Owner, citing the reasons for denial.
- § 6 If the Surety does not proceed as provided in Section 5 with reasonable promptness, the Surety shall be deemed to be in default on this Bond seven days after receipt of an additional written notice from the Owner to the Surety demanding that the Surety perform its obligations under this Bond, and the Owner shall be entitled to enforce any remedy available to the Owner. If the Surety proceeds as provided in Section 5.4, and the Owner refuses the payment or the Surety has denied liability, in whole or in part, without further notice the Owner shall be entitled to enforce any remedy available to the Owner.

- § 7 If the Surety elects to act under Section 5.1, 5. 2 or 5.3, then the responsibilities of the Surety to the Owner shall not be greater than those of the Contractor under the Construction Contract, and the responsibilities of the Owner to the Surety shall not be greater than those of the Owner under the Construction Contract. Subject to the commitment by the Owner to pay the Balance of the Contract Price, the Surety is obligated, without duplication, for
  - .1 the responsibilities of the Contractor for correction of defective work and completion of the Construction Contract:
  - .2 additional legal, design professional and delay costs resulting from the Contractor's Default, and resulting from the actions or failure to act of the Surety under Section 5; and
  - .3 liquidated damages, or if no liquidated damages are specified in the Construction Contract, actual damages caused by delayed performance or non-performance of the Contractor.
- § 8 If the Surety elects to act under Section 5.1, 5.3 or 5.4, the Surety's liability is I imited to the amount of this Bond.
- § 9 The Surety shall not be liable to the Owner or others for obligations of the Contractor that are unrelated to the Construction Contract, and the Balance of the Contract Price shall not be reduced or set off on account of any such unrelated obligations. No right of action shall accrue on this Bond to any person or entity other than the Owner or its heirs, executors, administrators, successors and assigns.
- § 10 the Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders and other obligations.
- § 11 Any proceeding, legal or equitable, under this Bond may be instituted in any court of competent jurisdiction in the location in which the work or part of the work is located and shall be instituted within two years after a declaration of Contractor Default or within two years after the Contractor ceased working or within two years after the Surety refuses or fails to perform its obligations under this Bond, whichever occurs first. If the provisions of this Paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.
- § 12 Notice to the Surety, the Owner or the Contractor shall be mailed or delivered to the address shown on the page on which their signature appears.
- § 13 When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

#### § 14 Definitions

- § 14.1 Balance of the Contract Price. The total amount payable by the Owner to the Contractor under the Construction Contract after all proper adjustments have been made, including allowance to the Contractor of any amounts received or to be received by the Owner in settlement of insurance or other claims for damages to which the Contractor is entitled, reduced by all valid and proper payments made to or on behalf of the Contractor under the Construction Contract.
- § 14.2 Construction Contract. The agreement between the Owner and Contractor identified on the cover page, including all Contract Documents and changes made to the agreement and the Contract Documents.
- § 14.3 Contractor Default. Failure of the Contractor, which has not been remedied or waived, to perform or otherwise to comply with a material term of the Construction Contract.
- § 14.4 Owner Default. Failure of the Owner, which has not been remedied or waived, to pay the Contractor as required under the Construction Contract or to perform and complete or comply with the other material terms of the Construction Contract.
- § 14.5 Contract Documents. All the documents that comprise the agreement between the Owner and Contractor.
- § 15 If this Bond is issued for an agreement between a Contractor and subcontractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor

§ 16 Modifications to this bond are as follows:				
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(Space is provided below for additional signatures of adde CONTRACTOR AS PRINCIPAL Comoanv: (Coroorate Seal)	SURETY			
Comoanv: (Coroorate Seal)	Comoanv : (Coroorate Seal)			
Signature:	Signature:			
Name and Title:	Name and Title:			
Address:	Address:			
	<u> </u>			
AIA Oocu ment A312***** - 2010. The American Institu te of Architects	4			

## **Payment Bond**

**CONTRACTOR:** 

(Name, legal status and address) Insituform Technologies, LLC 580 Goddard Avenue Chesterfield, MO 63005

OWNER:

(Name, legal status and address)

City of Pompano Beach 100 W. Atlantic Blvd. Pompano Beach, FL 33060

**CONSTRUCTION CONTRACT** 

Date:

Amount: Two Million And No/100

\$2,000,000.00

SURETY:

( Name, legal status and principal place of business)

Travelers Casualty and Surety Company of America One Tower Square

Hartford, CT 06183

Mail Notices To: **Travelers** Attn: Surety Claim Dept. One Tower Square 2S1A Hartford, CT 06183

**Local Surety Address: Travelers** 940 Westport Plaza Drive, Ste 450 Maryland Heights, MO 63146

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor. Surety. Owner or other party shall be considered plural where applicable.

Bond Number: 108104724

AIA Document A312-2010 combines two separate bonds, a Performance Bond and a Payment Bond. into one form. This is not a single combined Performance and Payment Bond.

**Description:** Pipeline Rehabilitation Piggyback Agreement No. 12376

(Name and location)

**BOND** 

Date:

(Not earlier than Construction Contract Date)

Amount: Two Million And No/100

\$2,000,000,00

☐ See Section 18 Modifications to this Bond: IB1 None

**CONTRACTOR AS PRINCIPAL** 

Company Insituform Technologies, LLC

ame and Title Diane Partridge

"Contracting & Attesting Officer

(Any acldlttonal signatures appear on the last page of this Performance Bond)

(FOR INFORMATION ONLY- Name, address and telephone)

**AGENT or BROKER:** 

Porporate Seal

Marsh Mclennan Agency B25 Marvville Centre Drive, Suite 200 St. Louis, MO 63017 314-594-2700

**SURETY** 

Company: Travelers Casualty and Surety Company of America

(Corporate Seal)

Signature:

Name and Title: Andrew P. Thome, Attorney-in-Fact

**OWNER'S REPRESENTATIVE:** 

(Architect . Engineer or other party) :

- § 1 The Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the Owner to pay for labor, materials and equipment furnished for use in the performance of the Construction Contract, which is incorporated herein by reference, subject to the following terms.
- § 2 If the Contractor promptly makes payment of all sums due to Claimants, and defends, indemnifies and holds harmless the Owner from claims, demands, liens or suits by any person or entity seeking payment for labor, materials or equipment furnished for use in the performance of the Construction Contract, then the Surety and the Contractor shall have no obligation under this Bond.
- § 3 If there is no Owner Default under the Construction Contract, the Surety's obligation to the Owner under this Bond shall arise after the Owner has promptly notified the Contractor and the Surety (at the address described in Section 13) of clai ms, demands, liens or suits against the Owner or the Owner's property by any person or entity seeking payment for labor, materials or equipment furnished for use in the performance of the Construction Contract and tendered defense of such claims, demands, liens or suits to the Contractor and the Surety.
- § 4 When the Owner has satisfied the conditions in Section 3, the Surety shall promptly and at the Surety's expense defend, indemnify and hold harmless the Owner against a duly tendered claim, demand, lien or suit.
- § 5 The Surety's obligations to a Claimant under this Bond shall arise after the following:
- § 5.1 Claimants, who do not have a direct contract with the Contractor,
  - J have furnished a written notice of non-payment to the Cont ractor, stating with substantial accuracy the amount claimed and the name of the party to whom the materials were, or equipment was, furnished or supplied or for whom the labor was done or performed, within ninety (90) days after having last performed labor or last furnished materials or equipment included in the Claim; and
  - **2** have sent a Claim to the Surety (at the address described in Section 13).
- § 5.2 Clai mants, who are employed by or have a direct contract with the Contractor, have sent a Claim to the Surety (at the address described in Section 13).
- § 6 If a notice of non-payment required by Section 5.1.1 is given by the Owner to the Contractor, that is sufficient to satisfy a Claimant's obligation to furnish a written notice of non-payment under Section 5.1.1.
- § 7 When a Claimant has satisfied the conditions of Sections 5.1 or 5.2, whichever is applicable, the Surety shall promptly and at the Surety's expense take the following actions:
- § 7.1 Send an answer to the Claim ant, with a copy to the Owner, within sixty (60) days after receipt of the Claim, stating the amounts that are undisputed and the basis for challenging any amounts that are disputed; and
- § 7.2 Pay or arrange for payment of any undisputed amounts.
- § 7.3 The Surety's failure to discharge its obligations under Section 7.1 or Section 7.2 shall not be deemed to constitute a waiver of defenses the Surety or Contractor may have or acquire as to a Claim, except as to undisputed amounts for which the Surety and Claimant have reached agreement. If, however, the Surety fails to discharge its obligations under Section 7.1 or Section 7.2, the Surety shall indemnify the Claimant for the reasonable attorney's fees the Claimant incurs thereafter to recover any sums found to be due and owing to the Claimant.
- § 8 The Surety's total obligation shall not exceed the amount of this Bond, plus the amount of reasonable attorney's fees provided under Section 7.3, and the amount of this Bond shall be credited for any payments made in good faith by the Surety.
- § 9 Amounts owed by the Owner to the Contractor under the Construction Contract shall be used for the performance of the Construction Contract and to satisfy claims, if any, under any construction performance bond. By the Contractor furnishing and the Owner accepting this Bond, they agree that all funds earned by the Contractor in the performance of the Construction Contract are dedicated to satisfy obligations of the Contractor and Surety under this Bond, subject to the Owner's priority to use the funds for the completion of the work.

- § 10 The Surety shall not be liable to the Owner, Claim ant s or others for obligations of the Contractor that are unrelated to the Construction Contract. The Owner shall not be liable for the payment of any costs or expenses of any Claim ant under this Bond, and shall have under this Bond no obligation to make payments to, or give notice on behalf of, Claim ant s or otherwise have any obligations to Claim ant s under this Bond.
- § 11 The Surety hereby waives notice of any change, in cludin g changes of time, to the Construction Contract or to related subcont racts, purchase orders and other oblig ations.
- § 12 No suit or action shall be commenced by a Claim ant under this Bond other than in a court of competent jurisdiction in the state in which the project that is the subject of the Construction Contract is located or after the expiration of one year from the date (I) on which the Claimant sent a Claim to the Surety pursuant to
- Section 5. 1.2 or 5.2, or (2) on which the last labor or serv i ce was performed by anyone or the last mate ri als or equipment were furnished by anyone und er the Co nstruction Co nt ract, whichever of (1) or (2) first occurs. If the provisi ons of this Paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.
- § 13 Notice and Claim's to the Surety, the Owner or the Contractor shall be mailed or delivered to the address shown on the page on which their signature appears. Actual receipt of notice or Claims, however accomplished, shall be sufficient compliance as of the date received.
- § 14 When this Bond has been furn ish ed to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted here from and provisions conforming to such statutory or other legal requirement shall be deemed in corpo rated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.
- § 15 Upo n request by any person or entit y appearing to be a potential beneficiary of this Bond, the Contractor and Owner shall promptly furnish a copy of this Bond or shall permit a copy to be made.

#### § 16 Definitions

- § 16.1 Claim. A written statement by the Claim ant including at a minimum:
  - .1 the name of the Clai mant;
  - .2 the name of the person for whom the labo r was done, or materials or equipm en t furn is hed;
  - a copy of the agreement or purchase order pursuant to which labor, materials or equipment was furnished for use in the performance of the Construction Contract;
  - .4 a br ief description of the labo r, materials or equ i pment furni s hed;
  - .5 the date on which the Claimant last performed labor or last furnished materials or equipment for use in the performance of the Construction Contract;
  - .6 the total amount earned by the Clai ma nt for labor, materials or equipment furnished as of the date of the Claim:
  - .7 the total amount of previous payments received by the Claim ant; and
  - .8 the total amount due and unpaid to the Claim ant for labor, materials or equipment furnished as of the date of the Claim.
- § 16.2 Claimant. An indi vidual or entit y having a direct contract wi th the Contractor or wi th a subcontractor of the Contractor to furnish labor, materials or equipment for use in the performance of the Const ruction Cont ract. The term Claimant also includes any individual or entity that has rightfully asserted a claim under an applicable mechanic's lien or simil ar statute against the real property upon which the Project is located. The intent of this Bond shall be to include without limitation in the terms "labor, materials or equipment" that part of water, gas, power, light, heat, oil, gaso line, telephone service or rental equipment used in the Construction Contract, architectural and engineering services required for performance of the work of the Contractor and the Contractor's subcontractors, and all other items for which a mechanic's lien may be asserted in the jurisdiction where the labor, materials or equipment were furnished.
- § 16.3 Construction Contract. The agreeme nt between the Owner and Cont ractor ident ified on the cover page, i nc lud i ng all Contract Documents and a ll changes mad e to the ag reement and the Con tract Documents.
- $\S$  16.4 Owner Default. Failure of the Owner, which has not been remedied or waived, to pay the Contractor as required under the Construction Contract or to perform and complete or comply with the other material terms of the Construction Contract.
- § 16.5 Contra ct Documents. All the do cumen ts that comprise the agree ment between the Owner and Co ntr ac tor.
- § 17 If this Bond is issued for an agreement between a Contractor and sub-contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

Space is provided below for addit	ional siqnatures of added	parties, other than the	ose accearing on the cover page	.)
Company:	(Corporate Seal)	Company:	(Corporate Sea I)	
ianature:		Signature:		
lame and Title:		Name and Title:		
ddress:		Address :		
IA Document A312 "' - 2010. The American Institute o	f Architects		8	
	****			

§ 18 Modifications to this bond are as foll ows:

State of	Miss	<u>ouri</u>
County	of St.	Louis

On	before me, a Notary Public in an	d for said County	and State, residing therein,
duly commi	ssioned and sworn, personally appeared	Andrew P. Thome	known to
me to be At	torney-in-Fact of		

## **Travelers Casualty and Surety Company of America**

the corporation described in and that executed the within and foregoing inst rument, and known to me to be the person who executed the said instrument in behalf of said corporation, and he duly acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year stated in this certificate above.

Shandi Lynn Swederska, Notary Public

SHANDI LYNN SWEDERSKA Notary Public - Notary Seal STATE OF MISSOURI St. Louis County

St. Louis County
My Commission Expires: Sep. 13, 2027
Commission # 23080556

My Commission Expires:

## Travelers Casualty and Surety Company of America Travelers Casualty and Surety Company St. Paul Fire and Marine Insurance Company

#### **POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint ANDREW P THOME

of

CHESTERFIELD , Missouri , their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this 21st day of April, 2021.

HARTFORD, ST. CONN.





State of Connecticut

City of Hartford ss.

On this the **21st** day of **April, 2021**, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the 30th day of June, 2026

WNo .

Anna P. Nowik, Notary Public

Robert L. Ranev. Senior Vice President

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

**RESOLVED,** that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

**FURTHER RESOLVED,** that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

**FURTHER RESOLVED,** that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasure, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

**FURTHER RESOLVED**, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in- Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this

day of







Mar E. Huylan Kevin E. Hughes, Assistant Secretary