



ADDENDUM NO.1

CITY OF NEW LONDON, CONNECTICUT  
LEAD SERVICE LINE REPLACEMENT PROGRAM  
**DWS SFY 22-52**  
**BID NUMBER 2024-03 CONL**

This addendum amends and/or supplements the bid documents as indicated below. Only these items alter the Bid Documents; any verbal discussions or responses are hereby declared null and void.

Sealed Bids for construction of the Lead Service Line Replacement Program Phase 1A will be received by the City of New London, Connecticut at the office of the City Purchasing Agent, 13 Masonic Street, New London, Connecticut 06320 until 2:00 PM EDT on Wednesday September 27, 2023, at which place and time they will be publicly opened and read aloud.

**Date Issued: September 19, 2023**

**Bidder shall acknowledge receipt of this addendum on the Form for General Bid.**

**Item 1-1: Pre-Bid Conference Meeting Minutes**

Pre-Bid Conference Meeting Minutes and Sign-In Sheet have been included as Attachment A, Addendum No. 1

**Modifications to Contract Specifications**

**Item 1-2: Section 00 01 10**

**DELETE** Section 00 01 10, Table of Contents in its entirety and **REPLACE** with Section 00 01 10, Table of Contents as attached hereto as Attachment B, Addendum No. 1.

**Item 1-3: Section 00 41 13, Bid Form**

**DELETE** Section 00 41 13, Bid Form in its entirety and **REPLACE** with 00 41 13, Bid Form as attached hereto as Attachment C, Addendum No. 1.

**Item 1-4: Section 00 41 13, Bid Form, Attachment 1**

**DELETE** *Attachment 1: Non-Collusion Affidavit of Prime Bidder* in its entirety and **REPLACE** with Attachment D, Addendum No. 1.

**Item 1-5: Section 00 52 13, Agreement**

**Article 11, Paragraph A**

**DELETE** in its entirety and **REPLACE** with the following:

“If the OWNER and CONTRACTOR mutually agree to continue this contract after Month, Day, **2024**, it may be extended for two additional terms of one year each on the same terms and conditions as set forth in this Contract. CONTRACTOR shall provide written notification to OWNER of its interest in continuing the Contract at least forty-five (45) days prior to the expiration of the initial term and any subsequent terms of this Contract. Any renewal time periods do not affect the time frames in Paragraphs 4.01 and 4.02.”

**Item 1-6: Section 00 52 13, Agreement**

**Article 9, Paragraph 9.01.L**

**DELETE** in its entirety and **REPLACE** with the following:

The Drawings comprising a set entitled "New London Lead Service Line Replacement Program", dated **August 2023**.

**Item 1-7: Section 01 11 13, Summary of Work**

**Paragraph 1.1.M**

**ADD** Paragraph 1.1M with the following:

“The Work includes temporary pavement trench repair at the time of construction and permanent pavement repair of half and full width lanes at a later date as directed by the OWNER. Repairs in existing concrete roadways will be performed with flexible paving as specified in 32 12 00, Flexible Paving.”

**Item 1-8: Section 01 13 13, Milestones**

**Add** Section 01 13 13, Milestones to the Contract Specifications as attached hereto as Attachment E, Addendum No. 1.

**Item 1-9: Section 01 22 13, Measurement and Payment**

**DELETE** Section 01 22 13, Measurement and Payment in its entirety and **REPLACE** with 01 22 13, Measurement and Payment as attached hereto as Attachment F, Addendum No. 1.

**Item 1-10: Section 33 12 13, Water Service Lines**

**Paragraph 2.13.F.1**

**DELETE** in its entirety and **REPLACE** with the following:

“1. Smith-Blair, Style **317**,”

## Attachments

- A. Item 1-1, Pre-Bid conference meeting minutes and sign-in sheet
- B. Item 1-2, Section 00 01 10, Table of Contents
- C. Item 1-3, Section 00 41 13, Bid Form
- D. Item 1-4, Section 00 41 13, Bid Form, *Attachment 1: Non-Collusion Affidavit of Prime Bidder*
- E. Item 1-8, Section 01 13 13, Milestones
- F. Item 1-9, Section 01 22 13, Measurement and Payment

## Questions

1. Is this job part of Phase 1 or Phase 2?  
Asked via email on September 6, 2023 by Phil Petronelli (Five Star Energy Services, LLC)

**Response: This contract is part of Phase 1.**

The following questions (2-8) were raised during the Pre-Bid Meeting at 15 Masonic Street on Tuesday September 12, 2023.

2. When will the Notice to Proceed commence?

**Response: See Item 1-8.**

3. Is asphalt escalation included?

**Response: No.**

4. What is the process for accessing private property and customer refusal?

**Response: All properties that undergo lead service line replacement must have signed customer agreements. Customer agreements will be obtained prior to Contractor inspections. Arcadis resident engineers or inspectors and/or NLPU staff will accompany the Contractor in the residence during inspections.**

5. What is the allowance for delays in obtaining meters and other materials?

**Response: See Item 1-8. Section 01 22 13, Measurement & Payment, Paragraph 1.5.I, Item 006 includes the installation of new water meters. Meters will be provided by New London Public Utilities.**

6. Is 20% a set percentage of test pit locations for lead goosenecks?

**Response: Yes, 20% is a set percentage.**

7. What is the process for removing a lead gooseneck if the City needs to turn off the water main? What happens if the corporation stop is lead and also needs to be replaced?

**Response: Water main shutdowns will be coordinated on an as-needed basis with New London Public Utilities.**

8. What percentage of the roads in Phase 1A are concrete roads and what is the repair procedure?

**Response: The exact percentage of concrete roads in Phase 1A is not known. Contractor shall assume up to 15% of the roads are concrete. Temporary and permanent roadway repair in concrete roads shall be flexible paving, see Item 1-7. Permanent pavement trench repair in concrete roads can be paid for under Bid Item 007B, see Item 1-9.**

# Minutes



## SUBJECT

**Lead Service Line Replacement Program – Phase 1A  
DWS SFY 22-52  
Pre-Bid Conference Meeting Minutes**

## DATE

**Tuesday, September 12, 2023  
10:00am local time**

## LOCATION

**Public Utilities Conference Room  
15 Masonic Street  
New London, CT 06320**

## PARTICIPANTS

Joe Lanzafame – Director of Public Utilities  
Amy Anderson George, Project Manager – Arcadis  
Andrew Elderbrock, Project Engineer – Arcadis  
Sofia Lee, Resident Inspector – Arcadis  
Others – See attached sign-in sheet

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1. City of New London and Arcadis Project Team Introductions
  2. Project Summary - Project consists of:
    - a. Replacement of lead service lines at 572 properties:
      - i. Service line material verification to take place on Customer and Utility sides.
        1. Construction sequencing will vary depending on the results of the service line material verification.
      - ii. Work includes a combination of full replacements (water main to water meter), customer replacements (curb stop to water meter) and utility replacements (curb stop to water main).
        1. For no more than 20% of the service line locations, excavate at the water main to expose the corporation stop and 24" of the service line to determine if a lead gooseneck is present.
      - iii. Disconnection, removal, and disposal of existing service piping, curb stop, curb box, and corporation stop while the water main is in service.
      - iv. New tap of the existing water main and new corporation stop, new curb box and stop at the ROW line, new copper water service from the water main to the meter inside the property dwelling, new isolation valve on upstream side of water meter, and interconnection on the utility side of the existing water meter.
      - v. Site work and appurtenances, such as resetting existing granite curbs or casting in place new concrete curbs; furnishing and installing temporary pavement for any excavation within a road, driveway, or sidewalk; furnishing and installing pavement markings per New London standards; furnishing and installing loam seed; and resetting/repairing/replacing any other disturbances.
      - vi. Means and methods are at the discretion of the Contractor provided that they can meet all project requirements and timelines. Trenchless technologies (pulling method, pipe bursting, horizontal drilling) are the City of New London's preferred means to minimize subsequent restoration.
    - b. Contractor shall provide one (1) 24-pack of bottled drinking water to homeowner prior to water service shutdown for their property.

- c. Contractor shall provide one (1) gravity fed pitcher water filter and replacement cartridges to homeowner after the service line replacement is complete.

3. Bidding Requirements

- a. Bidding documents may be downloaded from the City's and State's websites, respectively:
  - i. City of New London: <https://newlondonct.org/bid-documents>
  - ii. State of Connecticut: <http://www.das.state.ct.us>
- b. Website will be updated periodically with addenda, list of plan holders, reports and other information relevant to submitting a bid.
- c. Neither Owner nor Engineer will be responsible for bidding documents, including addenda, obtained from sources other than the designated website.
- d. Bids will be received at the Public Utilities Conference Room, 13 Masonic Street, New London, CT 06320 until **Wednesday, September 27, 2023 at 2:00PM EDT**. At that time the bids received will be publicly open and read.
- e. Written questions by email will be accepted until **Sunday, September 17, 2023 at 11:59PM EDT (ten days prior to the date for the opening of bids.)**
- f. This project is partially funded by the Connecticut Drinking Water State Revolving Fund. Reference 00 21 13 Instructions to Bidders and 00 41 13 Bid Form for documents required with the bid package. Documents include, but are not limited to:
  - i. Itemized Bid Proposal
  - ii. Non-Collusive Bidding Certification
  - iii. Bid Security Bond (5%)
  - iv. Bidders Statement of Qualifications Form
  - v. Bidder Site Visit Verification Form
  - vi. Acknowledgement of MBE/WBE Subcontract Participation
  - vii. State of Connecticut DAS Contractor Prequalification Certificate
  - viii. State of Connecticut DAS Update (Bid) Statement
- g. Contract has the option of being extended one-year, per Section 00 5 13 – Agreement, Article 11, Paragraph A.
- h. Project is on a tight bidding and funding timeline. Bid extensions are unlikely to be granted.

4. Project Requirements

- a. Subject to all laws and requirements under CT Gen Stat § 4a-59.
- b. Project anticipated to be completed within **200 calendar days** following Notice to Proceed.
- c. Must comply with D/MBE and D/WBE requirements of **3% and 5%** respectively.
- d. Must comply with American Iron and Steel Provision.
- e. Comply with Davis-Bacon federal wage rates and State of Connecticut prevailing wage rates.
- f. Permit Requirements
  - i. City of New London Encroachment Permit (per street)
  - ii. City of New London Excavation Permit
  - iii. City of New London Building Division Permit (per property)
  - iv. Plumbing Permit

- v. Contractor shall obtain all permits, licenses, certifications, and approvals required for the work, but not limited to local, state, City of New London, EPA, CTDOT, and CTDEEP, as well as associated licenses, training, and certifications.
- vi. Further information on required permits can be found in the contract documents.

5. Q&A

- a. When will the Notice to Proceed commence?

**Response: Addendum No. 1**

- b. Is asphalt escalation included?

**Response: Addendum No. 1**

- c. What is the process for accessing private property and customer refusal?

**Response: Addendum No. 1**

- d. What is the allowance for delays in obtaining meters and other materials?

**Response: Addendum No. 1**

- e. Is 20% a set percentage of test pit locations for lead goosenecks?

**Response: Addendum No. 1**

- f. What is the process for removing a lead gooseneck if the City needs to turn off the water main?  
What happens if the corporation stop is lead and also needs to be replaced?

**Response: Addendum No. 1**

- g. What percentage of the roads in Phase 1A are concrete roads and what is the repair procedure?

**Response: Addendum No. 1**



**City of New London, CT**  
**Lead Service Line Replacement Program - Phase 1A**

**Pre-Bid Conference**

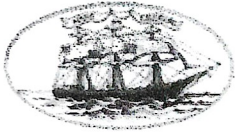
Date/Time: 9/12/2023 at 10:00 AM

Location: Public Utilities Conference Room - 15 Masonic Street, New London, CT

**Sign In Sheet**

<u>Name</u>	<u>Entity</u>	<u>Telephone</u>	<u>Email</u>
Anthony Divigilio	Burns Construction	203-335-5314	adivigilio@burnsconstruction.com
Vincent Genovesi	Genovesi Construction	860-810-6107	vincent@genovesiconstructionllc.com
Mike Lancaster	Veolia	761-405-6505	michael.lancaster@veolia.com
Antonio Tomassini	CJ Fucci Construction	(203) 462-7487	Estimating@CJFucci.com
Natalia Wiese	Wiese Construction	860-889-4973	natalia@wieseconstruction.com
Ryan Schryer	Veolia	860-884-9629	Ryan.Schryer@veolia.com
Al Bore	Barbours LLC	860-443-9200	Al@BoreBrothers.com
Shane Balestracci	National Shoring	860-535-4525	Shane@nationalshoring.com
DJ Pettrica	G.Pic & Sons Construction	203-559-7917	
Amy Anderson	Arcadis		
Andy Elderbrock	Arcadis		
Evan Gerber	GERBER CONSTRUCTION	860-604-7542	evan@gerberconstructioninc.com
Sofia Lee	Arcadis		
Andrew DeBeathon	LSC	860-290-1558	WAD@LATELLC.COM
Joseph Lonzalamy	New London	860-373-1868	jlonzalamy@newlondonct.org





**City of New London, CT  
Lead Service Line Replacement Program - Phase 1A**

**Pre-Bid Conference**

Date/Time: 9/12/2023 at 10:00 AM

Location: Public Utilities Conference Room - 15 Masonic Street, New London, CT

**Sign In Sheet**

**Name**

**Entity**

**Telephone**

**Email**

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Ray     G.P. & Sons     203.559.7917     Raymondjo111@icloud.com

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DO     DJ Petrucci LLC     203.255.7411     DJPetrucci@yahoo.com

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*Attachment 2: Disadvantage Business Enterprise (DBE) Subcontractor Verification Form*

*Attachment 3: Disadvantage Business Enterprise (DBE) Subcontractor Participation on Clean Water Fund (CWF) Projects for Construction Projects*

*Attachment 4: Update Bid Statement*

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## **BID FORM**

**The City of New London  
Lead Service Line Replacement Program  
DWS SFY 22-52  
BID NUMBER 2024-03 CONL**

### **TABLE OF ARTICLES**

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2. Bidder's Acknowledgements
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4. Bidder's Certifications
5. Basis of Bid
6. Time of Completion
7. Attachments to this Bid
8. Defined Terms
9. Bid Submittal

### **ARTICLE 1 – BID RECIPIENT**

- 1.01 This Bid is submitted to:

City of New London  
13 Masonic Street  
New London, Connecticut 06320

- 1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into a Contract with Owner, by executing the Agreement form included in the Bidding Documents, to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

### **ARTICLE 2 – BIDDER'S ACKNOWLEDGEMENTS**

- 2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 120 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

### **ARTICLE 3 – BIDDER'S REPRESENTATIONS**

- 3.01 In submitting this Bid, Bidder represents that:

- A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda.

Addendum No.	Addendum Date

- B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- C. Bidder is familiar with and has satisfied itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.
- E. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs.
- F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.

- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and confirms that the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.
- J. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

#### ARTICLE 4 – BIDDER’S CERTIFICATIONS

##### 4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of the Paragraph 4.01.D;
  - 1. “corrupt practice” means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;
  - 2. “fraudulent practice” means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
  - 3. “collusive practice” means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and

4. “coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

**ARTICLE 5 – BASIS OF BID**

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

<b>Item No.</b>	<b>Description</b>	<b>Bid Unit Price</b>	<b>Estimated Quantity</b>	<b>Bid Price</b>
001	Mobilization/Demobilization	Lump Sum	1	\$
002A	Test Pits for Service Line Verification	\$___ / EA	300 EA	\$
002B	Test Pits for Identification of Lead Goosenecks	\$___ / EA	115 EA	\$
003A	Full Lead Service Line Replacement	\$___ / EA	180 EA	\$
003B	Customer Lead Service Line Replacement Only	\$___ / EA	200 EA	\$
003C	Utility Lead Service Line Replacement Only	\$___ / EA	200 EA	\$
003D	Additional Copper Tubing	\$___ / LF	7,200 LF	\$
004	Removal of Lead Gooseneck	\$___ / EA	7 EA	\$
005	Additional Pitcher Filters	\$___ / EA	100 EA	\$
006	Installation of Water Meter	\$___ / EA	60 EA	\$
007A	Pavement Milling and Overlay	\$___ / SY	6,400 SY	\$
007B	Permanent Pavement Trench Repair	\$___ / SY	960 SY	\$
008	Final Concrete Restoration	\$___ / SY	2,400 SY	\$
009	Additional Wall or Floor Penetrations	\$___ / EA	60 EA	\$
010	Rock Removal	\$___ / CY	60 CY	\$
011A	Police Detail	Allowance	-----	\$500,000.00
011B	Flag Person	\$___ / MHR	3200 MHR	\$
<b>Total Base Bid (Items 001 through 011, inclusive)</b>				\$

Bidder acknowledges that (1) each bid unit price includes an amount considered by Bidder to be adequate to cover Contractor’s overhead and profit for each separately identified item, and (2) estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Work will be based on actual quantities, determined as provided in the Contract Documents.



- 5.02 Future contract extensions shall be estimated using the standard national interest rate as defined by the Federal Open Market Committee.

ARTICLE 6 – TIME OF COMPLETION

- 6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages and special damages in the event of failure to complete the Work within the Contract Times. Bidder also accepts the provisions for performance damages, if any, included in the Contract Documents.

ARTICLE 7 – ATTACHMENTS TO THIS BID

- 7.01 The following documents are attached to and made a condition of this Bid:
- A. Required bid security
  - B. Required Qualifications Statement with supporting data.
  - C. Listing of Subcontractors, Suppliers, and other individuals and entities required to be identified in this Bid.
  - D. Affidavit of non-collusion.
  - E. Evidence of authority to do business in the jurisdiction of the Project; or a written covenant to obtain such license within the time for acceptance of Bids.
  - F. Contractor's License No. \_\_\_\_\_, or evidence of Bidder's ability to obtain a contractor's license in the jurisdiction of the Site and a covenant by Bidder to obtain said license within the time for acceptance of Bids.

ARTICLE 8 – DEFINED TERMS

- 8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 – BID SUBMITTAL

9.01 This Bid submitted by:

BIDDER: [Indicate correct name of bidding entity]

\_\_\_\_\_

By: [Signature] \_\_\_\_\_

[Printed name] \_\_\_\_\_

(If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest:  
[Signature] \_\_\_\_\_

[Printed name] \_\_\_\_\_

Title: \_\_\_\_\_

Submittal Date: \_\_\_\_\_

Address for giving notices:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

Contact Name and e-mail  
address: \_\_\_\_\_

Bidder's License  
No.: \_\_\_\_\_

(where applicable)

++ END OF BID FORM ++

NON COLLUSION AFFIDAVIT OF PRIME BIDDER

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss.

\_\_\_\_\_, being first duly sworn, deposes and say that:

- (1) He is \_\_\_\_\_ of \_\_\_\_\_ herein referred to as the "Bidder" that has submitted the attached bid;
- (2) He is fully informed respecting the preparation and content of the attached Bid and of all pertinent circumstances respecting such Bid;
- (3) Such Bid is genuine and is not a collusive or sham Bid;
- (4) Neither the said Bidder nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached Bid has been submitted or to refrain from bidding in connection with such Contract, or has in any manner directly or indirectly, sought by agreement or collusion or communication or conference with any other Bidder, firm or person to fix the price or prices in the attached Bid or of any other Bidder, or to fix any overhead, profit or cost element of the Bid price or the Bid price of any other Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the City of New London, CT or any person interested in the proposed Contract; and
- (5) The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties of interest, including this affiant.
- (6) That no officer or employee or person whose salary is payable in whole or in part from the City of New London is directly or indirectly interested in this Bid, or in the supplies, materials, equipment, work or labor to which it relates, or in any of the profits thereof.

Signed \_\_\_\_\_

Title \_\_\_\_\_

Subscribed and sworn before me this

\_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_

\_\_\_\_\_  
(Notary Public)

My Commission expires \_\_\_\_\_

NON COLLUSION AFFIDAVIT OF SUBCONTRACTOR

State of \_\_\_\_\_ )  
  ) ss.  
County of \_\_\_\_\_ )

\_\_\_\_\_, being first duly sworn,  
deposes and says that:

- (1) He is \_\_\_\_\_ of \_\_\_\_\_ herein referred to as the "Subcontractor";
- (2) He is fully informed respecting the preparation and content of the Subcontractor's Proposal submitted by the Subcontractor to \_\_\_\_\_, the Contractor for certain work in connection with the \_\_\_\_\_ Contract pertaining to the Project in New London, Connecticut;
- (3) Such Subcontractor's Proposal is genuine and is not a collusive or sham Bid;
- (4) Neither the said Subcontractors nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached Bid has been submitted or to refrain from bidding in connection with such Contract, or has in any manner directly or indirectly, sought by agreement or collusion or communication or conference with any other Bidder, firm or person to fix the price or prices in said Subcontractor's Proposal or to fix any overhead, profit or cost element of the Bid price or the Bid price of any other Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the City of New London, CT or any person interested in the proposed Contract; and
- (5) The price or prices quoted in the attached Subcontractor's Proposal are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties of interest, including this affiant.
- (6) That no officer or employee or person whose salary is payable in whole or in part from the City of New London is directly or indirectly interested in this Bid, or in the supplies, materials, equipment, work or labor to which it relates, or in any of the profits thereof.

Signed \_\_\_\_\_

Title \_\_\_\_\_

Subscribed and sworn before me this

\_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_

\_\_\_\_\_  
(Notary Public)

My Commission expires \_\_\_\_\_

**AFFIRMATIVE ACTION POLICY STATEMENT**  
**(must be submitted on your firm's letterhead)**

It has always been the policy and will continue to be the strong commitment of \_\_\_\_\_ and all contractors and subcontractors who do business with this City to provide equal opportunities in employment to all qualified persons solely on the basis of job-related skills, ability and merit. \_\_\_\_\_ will continue to take Affirmative Action to ensure that applicants are employed and that employees are treated during employment without regard to their race, color, religion, sex, national origin, ancestry, mental disorder (present or past history thereof), age, physical disability (but not limited to blindness), marital status, mental retardation, and criminal record. Such action includes, but is not limited to, employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation and selection for training including apprenticeship. \_\_\_\_\_, and its subcontractors will continue to make good faith efforts to comply with all federal and state laws and policies which speak to equal employment opportunity.

The principles of Affirmative Action are addressed in the 13th, 14th, and 15th Amendments of the United States Constitution, Civil Rights Act of 1866, 1870, 1871, Equal Pay Act of 1963, Title VI and VII of - the 1964 United States Civil Rights Act, Presidential Executive Orders 11246, amended by 11375, (nondiscrimination under federal contracts), Act I, Sections 1 and 20 of the Connecticut Constitution, Governor Grasso's Executive Order Number 11, Governor O'Neill's Executive Order Number 9, the Connecticut Fair Employment Practices Law (Sec. 46a-60-69) of the Connecticut General Statutes, Connecticut Code of Fair Practices (46a-70-81), Deprivation of Civil Rights (46a-58(a)(d)), Public Accommodations Law (46a-63-64), Discrimination against Criminal Offenders (46a-80), definition of Blind (46a-51(1)), definition of Physically Disabled (46a-51(15)), definition of Mentally Retarded (46a-51(13)), cooperation with the Commission on Human Rights and Opportunities ( 46 - 77), Sexual Harassment (46a-60(a)-8), Connecticut Credit Discrimination Law (36-436 through 439), Title I of the State and Local Fiscal Assistance Act of 1972.

This Affirmative Action Policy Statement re-affirms my personal commitment to the principles of Equal Employment Opportunity.

\_\_\_\_\_  
DATE

\_\_\_\_\_  
Signature of Authorized Signer

CERTIFICATION OF BIDDER REGARDING  
EQUAL EMPLOYMENT OPPORTUNITY

INSTRUCTIONS

This certification is required pursuant to Executive Order 11246 Part II, Section 203(b), (30 FR 12319, 12935). The implementing rules and regulations provide that any bidder or prospective contractor, or any of its proposed subcontractors, shall state whether it has participated in any previous contract or subcontract subject to the equal opportunity clause; and, if so, whether it has filed all compliance reports due under applicable instructions.

Where the certification indicated that the bidder has not filed a compliance report due under applicable instructions, such bidder shall be required to submit a compliance report within seven (7) calendar days after bid opening. No contract shall be awarded unless such report is submitted.

CERTIFICATION BY BIDDER

Bidder's Name \_\_\_\_\_

Address and Zip Code \_\_\_\_\_

\_\_\_\_\_

1. Bidder has participated in a previous contract or subcontract subject to the Equal Opportunity Clause.

Yes ( ) No ( ) If answer is yes, identify the most recent contract.

2. Compliance reports were required to be filed in connection with such contract or subcontract

Yes ( ) No ( ) If answer is yes, identify the most recent contract.

3. Bidder has filed all compliance reports due under applicable instructions, including SF. 100.

Yes ( ) No ( ) Not Required ( )

4. If answer to Item 3 is "No" please explain in detail on reverse side of this Certification.

Certification - The information above is true and complete to the best of my knowledge and belief. A willfully false statement is punishable by law (U.S. Code, Title 18, Section 1001).

\_\_\_\_\_  
Name and Title of Signer (Please Type)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

CERTIFICATION OF NON-SEGREGATED FACILITIES

This Bidder certifies that he does not maintain or provide his employees any segregated facilities at any of his establishments, and that he does not permit his employees to perform their services at any location, under his control, where segregated facilities are maintained. The Bidder certifies further that he will not maintain or provide for his employees any segregated facilities at any of his establishments, and that he will not permit his employees to perform their services at any locations, under his control, where segregated facilities are maintained. The Bidder agrees that a breach of his certification will be a violation of the Equal Opportunity clause and any Contract resulting from acceptance of this Bid. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, restrooms and washrooms, restaurants and other eating areas, timeclocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are, in fact, segregated on the basis of race, color, religion or national origin, because of habit, local custom or otherwise. The Bidder agrees that (except where he has obtained identical certification from proposed Subcontractors for specific time periods) he will obtain identical certifications from proposed Subcontractors prior to the award of Subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause; that he will retain such certifications in his files; and that he will forward the following notice to such proposed subcontractors (except where the proposed subcontractors have already submitted identical certifications for the specific time periods):

“Notice to prospective subcontractors of requirements for non-segregated facilities. A certification of non-segregated facilities must be submitted prior to the award of a subcontract exceeding the Equal Opportunity Clause. The certification may be submitted either for each subcontract or for all subcontracts during a period (i.e. quarterly, semi-annually, or annually).

Note: The penalty for making false statements in offers is prescribed in 18 U.S.C. Paragraph 1001.

Date: \_\_\_\_\_

By: \_\_\_\_\_

Official Address: \_\_\_\_\_

Title: \_\_\_\_\_

\_\_\_\_\_

CERTIFICATION OF BIDDER REGARDING  
EQUAL EMPLOYMENT OPPORTUNITY

INSTRUCTIONS

This certification is required pursuant to Executive Order 11246 Part II, Section 203(b), (30 FR 12319, 12935). The implementing rules and regulations provide that any bidder or prospective contractor, or any of its proposed subcontractors, shall state whether it has participated in any previous contract or subcontract subject to the equal opportunity clause; and, if so, whether it has filed all compliance reports due under applicable instructions.

Where the certification indicated that the bidder has not filed a compliance report due under applicable instructions, such bidder shall be required to submit a compliance report within seven (7) calendar days after bid opening. No contract shall be awarded unless such report is submitted.

CERTIFICATION BY BIDDER

Bidder's Name \_\_\_\_\_

Address and Zip Code \_\_\_\_\_

\_\_\_\_\_

1. Bidder has participated in a previous contract or subcontract subject to the Equal Opportunity Clause.

Yes ( ) No ( ) If answer is yes, identify the most recent contract.

2. Compliance reports were required to be filed in connection with such contract or subcontract

Yes ( ) No ( ) If answer is yes, identify the most recent contract.

3. Bidder has filed all compliance reports due under applicable instructions, including SF. 100.

Yes ( ) No ( ) Not Required ( )

4. If answer to Item 3 is "No" please explain in detail on reverse side of this Certification.

Certification - The information above is true and complete to the best of my knowledge and belief. A willfully false statement is punishable by law (U.S. Code, Title 18, Section 1001).

\_\_\_\_\_  
Name and Title of Signer (Please Type)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date





# City of New London

Department of Finance-Purchasing Agent

13 Masonic Street • New London, CT 06320 • Phone (860) 447-5215 • Fax (860) 447-5297

## Anti-Fracking Provision

We \_\_\_\_\_ hereby submit a bid for materials, equipment and/or labor for the City of New London. The Bid is for bid documents titled **Bid No. 2024-03 CONL Lead Service Line Replacement Program - Phase 1A**. We hereby certify under penalty of perjury that no natural gas waste or oil waste will be used by the undersigned bidder or any contractor, sub-contractor, agent or vendor agent in connection with the bid; nor will the undersigned bidder or any sub-contractor, agent or vendor agent thereof apply any natural gas waste or oil waste to any road or real property within the City of New London as a result of the submittal of this bid if selected.

\_\_\_\_\_  
DATE

\_\_\_\_\_  
Signature of Authorized Signer

SECTION 01 13 13

MILESTONES

PART 1 – GENERAL

1.1 DESCRIPTION

A. Scope:

1. This Section describes Work to be substantially completed to comply with Milestones indicated in the Agreement. This Section is not intended to describe all the Work or its constraints, interrelationships, or sequential requirements required.
2. CONTRACTOR shall provide all labor, materials, equipment, tools, and incidentals required to perform the Work in accordance with the Contract Times provisions of the Contract Documents.
3. To achieve each Milestone indicated in this Section, substantially complete those elements of the Work indicated starting with Article 1.2 of this Section, together with related equipment, systems, and appurtenant Work and activities.

1.2 MILESTONE REQUIREMENTS

A. Construction Submittals and Material Procurement:

1. Contractor shall provide all project submittals within *60 calendar days following Notice to Proceed*. Response to Engineer's comments and resubmittals are required within 7 calendar days following receipt of comments.
2. Contractor shall place orders for all material within 14 calendar days following submittal approval. Contractor shall provide all order confirmation information and anticipated delivery dates for all material.

B. Commencement of Construction Work:

1. *Notice to Proceed of Commencement of Construction Work will be determined by the Owner upon notification of award of contract.*
2. *Contractor shall commence construction activities within 14 calendar days following Notice to Proceed.*

C. Substantial Completion:

1. Contractor shall achieve Substantial Completion within 200 calendar days following Commencement of Construction Work.

PART 2 – PRODUCTS (NOT USED)

PART 3 – EXECUTION (NOT USED)

++ END OF SECTION ++

SECTION 01 22 13

MEASUREMENT AND PAYMENT

PART 1 – GENERAL

1.1 DESCRIPTION

- A. The items listed starting with Article 1.5 of this Section refer to and are the same pay items listed in the Bid Form and constitute all pay items for completing the Work.
- B. Each lump sum and unit price shall include an amount considered by CONTRACTOR to be adequate to cover CONTRACTOR's overhead and profit for each separately identified item.

1.2 ENGINEER'S ESTIMATE OF QUANTITIES

- A. ENGINEER's estimated quantities for Unit Price Items, as included in the Contract, are estimates only and are included solely for purpose of comparing Bids and pricing. OWNER does not expressly or by implication guarantee site conditions resulting in these quantities, and reserves right to increase or decrease quantities or to eliminate quantities as OWNER may deem necessary. Except as provided in Article 1.3 of this Section, CONTRACTOR or OWNER will not be entitled to adjustment in price of Unit Price Work items as a result of change in estimated quantity and agrees to accept the unit prices accepted in the Bid as complete and total compensation for additions caused by changes or alterations in the Unit Price Work directed by OWNER.

1.3 ADJUSTMENT OF UNIT PRICES FOR INCREASE OR DECREASE OF ESTIMATED QUANTITIES

- A. Increases or decreases in the quantity of an item of Unit Price Work will be determined by comparing total payable quantity of Unit Price Work with ENGINEER's estimated quantity indicated in the Contract Documents.
- B. Notwithstanding other provision of the Contract Documents, if total payable quantity of Unit Price Work for an item with an as-awarded total value of five percent or more of the as-awarded Contract Price, varies from ENGINEER's estimated of quantity by more than 25 percent above or below ENGINEER's estimated quantity, that item's unit price will be subject to review by ENGINEER. If warranted, an equitable adjustment will be made by Change Order to credit OWNER with reduction in cost or compensate CONTRACTOR for increased cost resulting from the change in quantity. The unit price adjustment, if any, will be based on cost increase or decrease due solely to variation above 125 percent or below 75 percent of ENGINEER's estimated quantity.

- C. ENGINEER's review for possible unit price cost adjustment will be at a time ENGINEER deems reasonable and proper.
- D. Payment for Unit Price Work item that has an as-awarded computed total value of less than five percent of the sum of the as-awarded total Contract Price will be made at the unit price in the Contract, regardless of an increase or decrease in quantity.

#### 1.4 RELATED PROVISIONS

- A. Payments to CONTRACTOR: Refer to General Conditions, Supplementary Conditions, and Agreement.
- B. Changes in Contract Price: Refer to General Conditions and Supplementary Conditions and Section 01 26 00, Contract Modification Procedures.

#### 1.5 BID ITEM DESCRIPTION

- A. Item 001 – Mobilization/Demobilization
  - 1. The price for Item 001 shall include full compensation for all project related costs not included in the prices of other bid items, such as, but not limited to the following:
    - a. Mobilization; demobilization; general and liability insurance; bonds and securities; OWNER's protective insurance; permits and approvals; shop drawing submittals; construction photographs and videos; job signs; testing; record drawings; removal of waste; and all other requirements of the General Conditions, Supplementary Conditions and the General Requirements
    - b. Survey/layout; testing labs; pre-construction activities; baseline scheduling; background checks and badging; project closeout costs; CONTRACTOR'S and ENGINEER'S field offices and field office expenses; parking; temporary facilities; utility connections; security; fencing; dumpsters; small tools and equipment; equipment maintenance; temporary electric; general administration; any and all plans and submittals; health and safety equipment/instruments; personal protective equipment (PPE); project management personnel (Superintendent, Project Manager, and other field office wages); project engineering personnel and administrative staff; and any and all other costs incurred in carrying out the work and furnishing the material, keeping records and making required reports, restoration, and assuming risks, which have not been included in prices of other Bid Items.
  - 2. Payment for Item 001 shall be lump sum at no more than 5% of the total amount for Bid Items 002 through 011, inclusive.
  - 3. CONTRACTOR may request payment up to 20% of this Bid Item on the first pay application; 60% invoiced equally over the remaining pay applications, excluding the final invoice; and 20% on the final pay application.

B. Item 002A – Test Pits for Service Line Verification

1. This item includes furnishing all labor, materials, and equipment necessary to perform excavation and backfill to verify underground utility locations, material types, and sizes at locations shown, specified, or directed, unless specifically included for payment elsewhere. This includes using line location equipment to locate the buried utilities; saw cutting; installation and removal of sheeting, bracing and shoring; unclassified excavation and disposing of unsuitable excavated material; dewatering of trench; removing shoring, etc.; placing and compacting approved backfill material; resetting, repairing, or replacing damaged existing facilities, plating or covering the open excavation including any required safety barricades for a period of up to two (2) calendar days, temporary pavement to maintain pedestrian and vehicular traffic. Exploratory excavations shall be limited to no more than a 4'x6' footprint unless approved by the ENGINEER. No additional payment will be made beyond the unit price for excavations larger than 4'x6' unless approved by the ENGINEER. The service line shall be exposed a minimum of 24" on either side of the curb stop.
2. Payment for the excavation required to locate and identify the material of a water service on both sides of the curb stop shall be part of Item 003 unless no lead is detected on the utility or customer side of the curb stop. If no lead is identified in any of these locations then payment will be included under this item, Item 002.
3. CONTRACTOR costs for maintenance and protection of traffic, not included under Item 011A or 011B, and erosion and sediment control are included in this item.
4. Payment for Item 002A shall be on a per unit basis.

C. Item 002B – Test Pits for Identification of Lead Goosenecks

1. This item includes furnishing all labor, materials, and equipment necessary to perform excavation and backfill to verify underground utility locations, material types, and sizes at locations shown, specified, or directed, unless specifically included for payment elsewhere. This includes using line location equipment to locate the buried utilities; saw cutting; installation and removal of sheeting, bracing and shoring; unclassified excavation and disposing of unsuitable excavated material; dewatering of trench; removing shoring, etc.; placing and compacting approved backfill material; resetting, repairing, or replacing damaged existing facilities, plating or covering the open excavation including any required safety barricades for a period of up to two (2) calendar days, temporary pavement to maintain pedestrian and vehicular traffic. Exploratory excavations shall be limited to no more than a 4'x6' footprint unless approved by the ENGINEER. No additional payment will be made beyond the unit price for excavations larger than 4'x6' unless approved by the ENGINEER.
2. Payment for the excavation required to locate and identify a lead gooseneck at the corporation stop at the water main shall be part of Item 004 unless no lead

gooseneck is detected. If no lead gooseneck is identified then payment will be included under this item, Item 002B.

3. CONTRACTOR costs for maintenance and protection of traffic, not included under Item 011A or 011B, and erosion and sediment control are included in this item.

1

4. Payment for Item 002B shall be on a per unit basis.

D.

Item 003A – Full Lead Service Line Replacement Only

1. Item 003A includes furnishing all labor, materials, and equipment required for removal of existing water service lines and replacement from the water main to the upstream side of the water meter inside the property dwelling. This includes the following:
  - a. Photos, video, and necessary pre-replacement home investigations.
  - b. Excavate to the existing water main, curb stop, and service line a minimum of 24” on either side of the curb stop. This includes using line location equipment to locate buried utilities; pavement and concrete saw cutting; installation and removal of sheeting, bracing and shoring; unclassified excavation and disposing of unsuitable excavated material; dewatering of trench; removing shoring, etc.; resetting, repairing, or replacing damaged existing granite curbs or facilities, plating or covering the open excavation including any required safety barricades for a period of up to two (2) calendar days. Excavations shall be limited to no more than a 4’x6’ footprint unless approved by the ENGINEER. No additional payment will be made beyond the unit price for excavations larger than 4’x6’ unless approved by the ENGINEER.
  - c. Water service line replacement shall include a new tap of the existing water main with new corporation stop and tapping saddle; new curb box and stop at the ROW line; new copper water service from the water main to the meter inside the property dwelling; new isolation valve upstream of the water meter; up to 70 LF of associated copper piping within the property dwelling including all necessary appurtenances and interconnection on the utility side of the existing water meter; connection of new or existing electrical grounding cable and clamp to the new water service; modifications to existing foundation wall or floor penetration and furnishing and installation of waterproof sealant and hydraulic cement at penetration; leak testing and flushing;
  - d. Disconnection, removal, and disposal of the existing service piping, abandonment of existing piping (where applicable), curb stop, curb box, gooseneck, and corporation stop; installation of a repair clamp at the location of the removed corporation stop while the watermain is in service.
  - e. Restoration shall include placing and compacting approved backfill material in all excavations; all labor, material sampling and testing, plant equipment, and incidentals required for select backfill; temporary pavement and sidewalk to maintain pedestrian and vehicular traffic; resetting, repairing, restoring, or replacing damaged existing facilities and site features (utilities, curbing, mailboxes, lawns, signs, retaining walls,

and all other site features listed in the General Notes on the Contract Drawings or encountered in the field) to preconstruction condition; seeding, loaming and all landscaping restoration; removal and reinstallation of metal castings, grates, frames and covers. Final concrete and pavement restoration will be paid for under their respective bid items.

- f. CONTRACTOR to provide gravity fed pitcher water filter and replacement cartridges to homeowner after the service line replacement is complete.
- g. CONTRACTOR costs for maintenance and protection of traffic, not included under Item 011A and 011B, and erosion and sediment control are part of this item.

- 2. Means and methods are at the discretion of the CONTRACTOR provided they can meet all project requirements and timelines. Trenchless technologies (pulling method, pipe bursting, horizontal drilling) are the preferred method of installation, however, open cut method can be utilized if deemed necessary for that property. Open cut trenching and any restoration on customer property will not be paid under a separate bid item.
- 3. As a significant portion of the work will be on customer property, work must proceed in a controlled, safe, and secure manner. CONTRACTOR will be required to maintain property access and have a process for vetting workers entering customer property dwellings. All disturbed areas in the utility ROW and customer properties shall be restored to pre-construction conditions.
- 4. Payment for Item 003A shall be on a per unit basis.

1



E. Item 003B – Customer Lead Service Line Replacement Only

- 1. Item 003B includes furnishing all labor, materials, and equipment required for removal of existing water service lines and replacement from the curb box to the upstream side of the water meter inside the property dwelling. This includes the following:
  - a. Photos, video, and necessary pre-replacement home investigations.
  - b. Excavate to the curb stop, and service line a minimum of 24” on either side of the curb stop. This includes using line location equipment to locate buried utilities; saw cutting; installation and removal of sheeting, bracing and shoring; unclassified excavation and disposing of unsuitable excavated material; dewatering of trench; removing shoring, etc.; resetting, repairing, or replacing damaged existing granite curbs or facilities, plating or covering the open excavation including any required safety barricades for a period of up to two (2) calendar days. Excavations shall be limited to no more than a 4’x6’ footprint unless approved by the ENGINEER. No additional payment will be made beyond the unit price for excavations larger than 4’x6’ unless approved by the ENGINEER.
  - c. Water service line replacement shall include a new curb box and stop at the ROW line; new copper water service from the curb box to the meter inside the property dwelling; new isolation valve upstream of the water meter; up to 50 LF of associated copper piping within the property dwelling including all necessary appurtenances and interconnection on the utility side of the existing water meter; connection of new or existing

electrical grounding cable and clamp to the new water service; installing a waterproof sealant on the foundation wall where the service line penetrates the foundation; leak testing and flushing;

- d. Disconnection, removal, and disposal of the existing service piping, curb stop and curb box.
  - e. Restoration shall include placing and compacting approved backfill material in all excavations; all labor, material sampling and testing, plant equipment, and incidentals required for select backfill; temporary pavement to maintain pedestrian and vehicular traffic; resetting, repairing, restoring, or replacing damaged existing facilities and site features (utilities, curbing, mailboxes, lawns, signs, retaining walls, and all other site features listed in the General Notes on the Contract Drawings or encountered in the field) to preconstruction condition; seeding, loaming and all landscaping restoration; removal and reinstallation of metal castings, grates, frames and covers. Final concrete and pavement restoration will be paid for under their respective bid items.
  - f. CONTRACTOR to provide gravity fed pitcher water filter and replacement cartridges to homeowner after the service line replacement is complete.
  - g. CONTRACTOR costs for maintenance and protection of traffic, not included under Item 011A and 011B, and erosion and sediment control are part of this item.
2. Means and methods are at the discretion of the CONTRACTOR provided they can meet all project requirements and timelines. Trenchless technologies (pulling method, pipe bursting, horizontal drilling) are the preferred method of installation, however, open cut method can be utilized if deemed necessary for that property. Open cut trenching and any restoration on customer property will not be paid under a separate bid item.
  3. As a significant portion of the work will be on customer property, work must proceed in a controlled, safe, and secure manner. CONTRACTOR will be required to maintain property access and have a process for vetting workers entering customer property dwellings. All disturbed areas in the utility ROW and customer properties shall be restored to pre-construction conditions.
  4. Payment for Item 003B shall be on a per unit basis.

1



F. Item 003C – Utility Lead Service Line Replacement Only

1. Item 003C includes furnishing all labor, materials, and equipment required for removal of existing water service lines and replacement from the water main to the curb box. This includes the following:
  - a. Photos, video, and necessary pre-replacement home investigations.
  - b. Excavate to the existing water main, curb stop, and service line a minimum of 24” on either side of the curb stop. This includes using line location equipment to locate buried utilities; saw cutting; installation and removal of sheeting, bracing and shoring; unclassified excavation and disposing of unsuitable excavated material; dewatering of trench; removing shoring, etc.; resetting, repairing, or replacing damaged existing granite curbs or facilities, plating or covering the open



excavation including any required safety barricades for a period of up to two (2) calendar days. Excavations shall be limited to no more than a 4x6' footprint unless approved by the ENGINEER. No additional payment will be made beyond the unit price for excavations larger than 4x6' unless approved by the ENGINEER.

- c. Water service line replacement shall include a new tap of the existing water main with new corporation stop and tapping saddle; new curb box and stop at the ROW line; up to 20 LF of associated copper piping, including all necessary appurtenances and connection of new or existing electrical grounding cable and clamp to the new water service; and leak testing and flushing;
  - d. Disconnection, removal, and disposal of the existing service piping, curb stop, curb box, gooseneck, and corporation stop; installation of a repair clamp at the location of the removed corporation stop while the watermain is in service.
  - e. Restoration shall include placing and compacting approved backfill material in all excavations; all labor, material sampling and testing, plant equipment, and incidentals required for select backfill; temporary pavement to maintain pedestrian and vehicular traffic; resetting, repairing, restoring, or replacing damaged existing facilities and site features (utilities, curbing, mailboxes, lawns, signs, retaining walls, and all other site features listed in the General Notes on the Contract Drawings or encountered in the field) to preconstruction condition; seeding, loaming and all landscaping restoration; removal and reinstallation of metal castings, grates, frames and covers. Final concrete and pavement restoration will be paid for under their respective bid items.
  - f. CONTRACTOR to provide gravity fed pitcher water filter and replacement cartridges to homeowner after the service line replacement is complete.
  - g. CONTRACTOR costs for maintenance and protection of traffic, not included under Item 011A and 011B, and erosion and sediment control are part of this item.
2. Means and methods are at the discretion of the CONTRACTOR provided they can meet all project requirements and timelines. Trenchless technologies (pulling method, pipe bursting, horizontal drilling) are the preferred method of installation, however, open cut method can be utilized if deemed necessary for that property. Open cut trenching and any restoration on customer property will not be paid under a separate bid item.
  3. As a significant portion of the work will be on customer property, work must proceed in a controlled, safe, and secure manner. CONTRACTOR will be required to maintain property access and have a process for vetting workers entering customer property dwellings. All disturbed areas in the utility ROW and customer properties shall be restored to pre-construction conditions.
  4. Payment for Item 003C shall be on a per unit basis.

1

G. Item 003D – Additional Copper Tubing

1. The unit price for Item 003D includes full compensation for providing all labor, material, supervision, equipment, and tools required to install additional copper tubing not included in Items 003A, 003B and 003C.
2. Payment for Item 003D shall be on a per linear foot unit basis.

1

H. Item 004 – Removal of Lead Gooseneck

1. The price for Item 004 includes furnishing all labor, materials, and equipment necessary to perform excavation and backfill to investigate, remove, and dispose of lead goosenecks. Payment for this item should only occur when downstream portions of the service line are not replaced but a lead gooseneck is discovered. This includes using line location equipment to locate the buried utilities; saw cutting; installation and removal of sheeting, bracing and shoring; unclassified excavation and disposing of unsuitable excavated material; dewatering of trench; removing shoring, etc.; placing and compacting approved backfill material; resetting, repairing, or replacing damaged existing facilities, plating or covering the open excavation including any required safety barricades for a period of up to two (2) calendar days, temporary pavement to maintain pedestrian and vehicular traffic. Exploratory excavations shall be limited to no more than a 4'x6' footprint unless approved by the ENGINEER. No additional payment will be made beyond the unit price for excavations larger than 4'x6' unless approved by the ENGINEER.
2. Contractor costs for maintenance and protection of traffic, not included under Item 011A and 011B, and erosion and sediment control are part of this item.
3. Payment for Item 004 shall be on a per unit basis.

1

I. Item 005 – Additional Pitcher Filters

1. The price for Item 005 includes furnishing additional gravity fed water pitcher filters and replacement cartridges after a service line replacement to residences with a shared water service line and separate living units. The price of filters and replacement cartridges for houses with a single living unit will be paid for under Item 003A, 003B, or 003C.
2. Payment for Item 005 shall be on a per unit basis.

1

J. Item 006 – Installation of Water Meter

1. The price for Item 006 includes furnishing all labor, materials, equipment, and incidentals necessary to remove the existing water meter and install a new water meter.
2. Water meter must be installed by a licensed plumber with appropriate plumbing license issued by the Connecticut Department of Consumer Protection (DCP).
3. The price for Item 006 does not include the price of the water meter unit itself.
4. Item 006 will only be applicable at locations indicated in the Contract Documents with outdated water meters.
5. Payment for Item 006 shall be on a per unit basis.

1

K. Item 007A – Pavement Milling and Overlay

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1. The price for Item 007A includes furnishing all labor, materials, equipment, and incidentals necessary to restore asphalt surfaces including streets, portions of driveways within the utility ROW, and similar surfaces within the ROW that were removed or damaged during the performance of the Work. This includes the following:
  - a. Additional sawcutting, cold milling, disposal of millings, and cleaning of street to remove loose millings as shown, specified, or directed.
  - b. Adjustment of curb boxes and valve boxes that are within an excavation such that the top of box is flush with the final pavement surface.
  - c. Application of an asphalt tack coat at all sawcut areas and between asphalt pavement layers.
  - d. Installation of permanent top course for all cold milled areas.
  - e. Application of permanent pavement markings as required by the appropriate highway jurisdiction.
  - f. Contractor costs for maintenance and protection of traffic, not included under Item 011A and 011B, and erosion and sediment control are part of this item.
2. Payment for Item 007A shall be on a per square yard unit basis.

L. Item 007B - Permanent Pavement Trench Repair

1. The price for Item 007B includes furnishing all labor, materials, equipment, and incidentals necessary to restore asphalt surfaces in concrete roads within the ROW that were removed or damaged during the performance of the Work. This includes the following:
  - a. Additional sawcutting, removal of existing pavement and subbase (as required), furnishing, placing, and compacting subbase (as required); cleaning and priming the edges of existing pavement and cleaning of street to remove loose pavement as shown, specified, or directed.
  - b. Adjustment of curb boxes and valve boxes that are within an excavation such that the top of box is flush with the final pavement surface.
  - c. Application of an asphalt tack coat at all sawcut areas and between asphalt pavement layers.
  - d. Installation of permanent top course.
  - e. Application of permanent pavement markings as required by the appropriate highway jurisdiction.
  - f. Contractor costs for maintenance and protection of traffic, not included under Item 011A and 011B, and erosion and sediment control are part of this item.
2. Payment for Item 007B shall be on a per square yard unit basis.

M. Item 008 – Final Concrete Restoration

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1. The price for Item 008 includes furnishing all labor, materials, and equipment necessary to restore concrete curbs, sidewalks, sidewalk ramps, concrete base within a street, portions of concrete driveways within the ROW, and similar surfaces within the ROW that were removed or damaged during the performance of the Work. This includes the following:

- a. Additional sawcutting as shown, specified, or directed to provide a straight edges at each restoration area.
- b. Removal and disposal of temporary pavement, backfill, and other waste materials to the required depth and proper consolidation of the subgrade before installing concrete.
- c. Adjustment of curb boxes and valve boxes that were within an excavation such that the top of box is flush with the final concrete surface.
- d. Reinforced concrete road or driveway base shall be installed in locations where it exists prior to the work.
- e. Concrete curb ramps include the installation of the contrasting-color 'button field' for the visually impaired.
- f. Application of permanent pavement markings as required by the appropriate highway jurisdiction.
- g. Contractor costs for maintenance and protection of traffic, not included under Item 011A and 011B, and erosion and sediment control are part of this item.

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2. Payment for Item 008 shall be on a per square yard unit basis.



N. Item 009 – Additional Wall or Floor Penetrations

1. Work under this item compensates the CONTRACTOR for the additional effort of wall or floor penetrations including all labor, materials, and equipment required to install the water service line through a concrete floor or wall and under existing structures and infrastructure, to a point beyond the outermost external wall of the structure. This work includes but is not limited to: all saw cutting; core drilling; jack-hammering; excavation; wheelbarrowing; hand-digging; installation of bracing as necessary; disposing of material; pushing, boring, directional drilling (or other trenchless installation method) of service line; providing, placing, and compacting of all backfill, including three inches (3") of aggregate sub-base. Also included in this item is restoration of the concrete floor by providing, placing, and finishing of four inches (4") of unreinforced concrete.

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2. Payment for Item 009 shall be on per unit basis.



O. Item 010 - Rock Removal

- i. The price for Item 010 includes all labor, materials, tools, equipment, supervision and all incidentals to excavate and remove rock as defined by the contract documents and to the lines and grades as show, specified, or directed.
  - a. Contractor shall only be compensated for rock if it is encountered within the pay limits and grades shown and specified and is required for installation of the Work.
  - b. This item includes disposal or rock removed from the excavation which is unsuitable for backfill.
  - c. Rock that can be removed by normal excavation equipment shall not be measured for rock removal.
- ii. Payment for Item 010 shall be on a per cubic yard unit basis within the pay limits as shown, specified, or directed.

1



P. Item 011A – Police Detail

1. Work under this item compensates the CONTRACTOR for any required policing, in accordance with the City’s Police Department and CT DOT requirements, as part of traffic control within a City street or State Road.
2. Measurement will be based off paid invoices to City of New London Police Department.
3. Payment for Item 011A shall be lump sum for each paid Police Department invoice and shall not exceed the invoiced amount. CONTRACTOR shall not include mark-up on any Police Department invoice.

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Q. Item 011B – Flag Person

1. Work under this item includes all costs associated with a qualified flag person to provide temporary pedestrian and vehicular traffic control during construction activities when a Police Detail is not required by the City but is necessary for the Work.
  - a. The qualified person will be provided by the CONTRACTOR.
  - b. Additional payment shall not be made if CONTRACTOR provides additional services beyond what is specified herein or ordered.
  - c. This item includes all related costs of CONTRACTOR, including, but not limited to, supervision, wages, benefits, operating costs, overhead, profit, fuel, insurance, permits, licenses, etc.
2. Measurement:
  - a. The quantity to be paid for under this item shall be the actual number hours that the flag person is on site as determined by ENGINEER.
  - b. Payment shall start when the flag person arrives at the site and ends when the flag person leaves the site when the services are no longer needed. There shall be no payment for travel time by the qualified person to or from the project site.
3. Payment:
  - a. The unit price bid for this item shall be full compensation for furnishing all labor, equipment, and incidentals required to perform the work as ordered or necessary.
  - b. This item does not include any other Work associated with other items in the Contract.
  - c. Payment for Item 011B shall be on a per hour basis

PART 2 – PRODUCTS (NOT USED)

PART 3 – EXECUTION (NOT USED)

++ END OF SECTION ++