

TRENCHLESS UTILITY REHABILITATION  
TOWN OF BRANFORD, CONNECTICUT

ADDENDUM No. 1

March 6, 2025

Specifications Items:

1. REPLACE Bid form Section 00301 with appended bid form 00301a. Use bid form 00301a for bid submittal.
2. REPLACE Section 01150, Measurement and Payment, with the appended Section 01150a.

End of Addendum No. 1

SECTION 00301a

BID FORM

To the Town of Branford, Connecticut, herein called the Owner, acting by and through its Town Engineer, for Trenchless Utility Rehabilitation in the Town of Branford, Connecticut

It is the intent of the town to receive and review bid proposals for the purpose of selecting a vendor or multiple vendors to provide an indefinite delivery/indefinite quantity or work that will be defined later in separate projects with separate purchase orders. The town intends to award the bid to responsible and responsive bidder(s) using a combination of price for services and Contractor qualifications. The town reserves the right to select any, all, or none of the items of work as budget allows or to stop work before any item is completed if it is deemed to be in the best interests of the Town.

The Undersigned, as proposer, herein referred to as singular and masculine, declares as follows:

- (1) The only parties interested in this BID as Principals are named herein;
- (2) this BID is made without collusion with any other person, firm, or corporation;
- (3) no officer, agent, or employee of the Owner is directly or indirectly interested in this BID;
- (4) he has carefully read and examined the Drawings, the annexed proposed AGREEMENT and the Specifications and other Contract Documents therein referred to and knows and understands the terms and provisions thereof;
- (5) and he understands that the quantities of work tabulated in this BID or indicated on the Drawings or in the Specifications or other Contract Documents are only approximate and are subject to increase or decrease as deemed necessary by the Engineer;

and he agrees that, if this BID is accepted he will contract with the Owner, as provided in the copy of the Contract Documents deposited in the office of the Engineer, this BID form being part of said Contract Documents, and that he will perform all the work and furnish all the materials and equipment, and provide all labor, services, plant, machinery, apparatus, appliances, tools, supplies and all other things required by the Contract Documents in the manner and within the time therein prescribed and according to the requirements of the Engineer as therein set forth, and that he will take in full payment

therefor the unit price applicable to each item of the Work as stated in the schedule below.

(Note: Bidders must bid on each item. All entries in the entire BID must be made clearly and in ink; prices bid must be written in both words and figures.)

(Bidders should insert extended item prices obtained from quantities and unit prices.)

(Quantities shown are indeterminate and are only used to compare bids)

Item No.	Estimated quantity	Brief description; unit or lump sum price bid in both words and figures	Total figure
1	Cleaning		
1a	___1,000___ lin. ft	Light cleaning pipes less than 12" in diameter, per lin. ft.  _____ dollars and _____ cents (\$_____)	\$_____

1b	<u>1,000</u> lin. ft	Light cleaning pipes 12" to 24" in diameter, per lin. ft.  _____ dollars and _____ cents (\$_____)	\$_____
1c	<u>1,000</u> lin. ft	Light cleaning pipes greater than 24" in diameter, per lin. ft.  _____ dollars and _____ cents (\$_____)	\$_____
1d	<u>1,000</u> lin. ft	Medium cleaning pipes less than 12" in diameter, per lin. ft.  _____ dollars and _____ cents (\$_____)	\$_____
1e	<u>1,000</u> lin. ft	Medium cleaning pipes 12" to 24" in diameter, per lin. ft.  _____ dollars and _____ cents (\$_____)	\$_____
1f	<u>1,000</u> lin. ft	Medium cleaning pipes greater than 24" in diameter, per lin. ft.  _____ dollars and _____ cents (\$_____)	\$_____
1g	<u>1,000</u> lin. ft	Heavy cleaning pipes less than 12" in diameter, per lin. ft.  _____ dollars and _____ cents (\$_____)	\$_____
1h	<u>1,000</u> lin. ft	Heavy cleaning pipes 12" to 24" in diameter, per lin. ft.  _____ dollars and _____ cents (\$_____)	\$_____
1i	<u>1,000</u> lin. ft	Heavy cleaning pipes greater than 24" in diameter, per lin. ft.  _____ dollars and _____ cents (\$_____)	\$_____

2	Pre-Installation CCTV		
2a	<u>5,000</u> lin. ft	All pipe diameters, per lin. ft.  _____ dollars and _____ cents (\$_____)	\$_____
3	Chemical Treatment and Root Removal		
3a	<u>100</u> lin. ft	8" Pipe and smaller, per lin. ft  _____ dollars and _____ cents (\$_____)	\$_____
3b	<u>100</u> lin. ft	10" Pipe, per lin. ft  _____ dollars and _____ cents (\$_____)	\$_____
3c	<u>100</u> lin. ft	12" Pipe, per lin. ft  _____ dollars and _____ cents (\$_____)	\$_____
3d	<u>100</u> lin. ft	15" Pipe, per lin. ft  _____ dollars and _____ cents (\$_____)	\$_____
3e	<u>100</u> lin. ft	18" Pipe, per lin. ft  _____ dollars and _____ cents (\$_____)	\$_____
3f	<u>100</u> lin. ft	20" Pipe, per lin. ft  _____ dollars and _____ cents (\$_____)	\$_____
3g	<u>100</u> lin. ft	24" Pipe, per lin. ft  _____ dollars and _____ cents (\$_____)	\$_____
3h	<u>100</u> lin. ft	30" Pipe and greater, per lin. ft	

		_____ dollars and _____ cents (\$_____)	\$_____
4	Cured-In-Place Sewer Pipe Rehabilitation (Inversion Method)		
4a	__500__ lin. Ft	8" Pipe, per lin. ft., less than 10 feet deep  _____ dollars and _____ cents (\$_____)	
4b	__500__ lin. Ft	8" Pipe, per lin. ft., between 10-15 feet deep  _____ dollars and _____ cents (\$_____)	\$_____
4c	__500__ lin. ft	8" Pipe, per lin. ft., greater than 20 feet deep  _____ dollars and _____ cents (\$_____)	
4d	__500__ lin. Ft	10" Pipe, per lin. ft., less than 10 feet deep  _____ dollars and _____ cents (\$_____)	\$_____
4e	__500__ lin. Ft	10" Pipe, per lin. ft., between 10-20 feet deep  _____ dollars and _____ cents (\$_____)	\$_____
4f	__500__ lin. Ft	10" Pipe, per lin. ft., greater than 20 feet deep  _____ dollars and _____ cents (\$_____)	\$_____
4g	__500__ lin. Ft	12" Pipe, per lin. ft. less than 10 feet deep  _____ dollars and _____ cents (\$_____)	\$_____
4h	__500__ lin. Ft	12" Pipe, per lin. ft., between 10-20 feet deep  _____ dollars and _____ cents (\$_____)	\$_____
4i	__500__ lin.	12" Pipe, per lin. ft., greater than 20 feet deep	

	ft	_____ dollars and _____ cents (\$_____)	\$_____
4j	____500____ lin. Ft	15" Pipe, per lin. ft. less than 10 feet deep _____ dollars and _____ cents (\$_____)	\$_____
4k	____500____ lin. Ft	15" Pipe, per lin. ft., between 10-20 feet deep _____ dollars and _____ cents (\$_____)	\$_____
4l	____500____ lin. Ft	15" Pipe, per lin. ft., greater than 20 feet deep _____ dollars and _____ cents (\$_____)	\$_____
4m	____500____ lin. Ft	18" Pipe, per lin. ft. less than 10 feet deep _____ dollars and _____ cents (\$_____)	\$_____
4n	____500____ lin. Ft	18" Pipe, per lin. ft., between 10-20 feet deep _____ dollars and _____ cents (\$_____)	\$_____
4o	____500____ lin. Ft	18" Pipe, per lin. ft., greater than 20 feet deep _____ dollars and _____ cents (\$_____)	\$_____
4p	____500____ lin. Ft	20" Pipe, per lin. ft. less than 10 feet deep _____ dollars and _____ cents (\$_____)	\$_____
4q	____500____ lin. ft	20" Pipe, per lin. ft., between 10-20 feet deep _____ dollars and _____ cents (\$_____)	\$_____
4r	____500____ lin. ft	20" Pipe, per lin. ft., greater than 20 feet deep	

		_____ dollars and _____ cents (\$_____)	\$_____
4s	<u>500</u> lin. Ft	24" Pipe, per lin. ft. less than 10 feet deep  _____ dollars and _____ cents (\$_____)	\$_____
4t	<u>500</u> lin. Ft	24" Pipe, per lin. ft., between 10-20 feet deep  _____ dollars and _____ cents (\$_____)	\$_____
4u	<u>500</u> lin. Ft	24" Pipe, per lin. ft., greater than 20 feet deep  _____ dollars and _____ cents (\$_____)	\$_____
4v	<u>500</u> lin. Ft	27" Pipe, per lin. ft. less than 10 feet deep  _____ dollars and _____ cents (\$_____)	\$_____
4w	<u>500</u> lin. Ft	27" Pipe, per lin. ft., between 10-20 feet deep  _____ dollars and _____ cents (\$_____)	\$_____
4x	<u>500</u> lin. ft	27" Pipe, per lin. ft., greater than 20 feet deep  _____ dollars and _____ cents (\$_____)	\$_____
4y	<u>500</u> lin. Ft	30" Pipe, per lin. ft. less than 10 feet deep  _____ dollars and _____ cents (\$_____)	\$_____
4z	<u>500</u> lin. Ft	30" Pipe, per lin. ft., between 10-20 feet deep  _____ dollars and _____ cents (\$_____)	\$_____
4aa	<u>500</u> lin. ft	30" Pipe, per lin. ft., greater than 20 feet deep  _____ dollars	

		and _____ cents (\$_____)	\$_____
4ab	<u>500</u> lin. Ft	36" Pipe, per lin. ft. less than 10 feet deep  _____ dollars and _____ cents (\$_____)	\$_____
4ac	<u>500</u> lin. Ft	36" Pipe, per lin. ft., between 10-20 feet deep  _____ dollars and _____ cents (\$_____)	\$_____
4ad	<u>500</u> lin. ft	36" Pipe, per lin. ft., greater than 20 feet deep  _____ dollars and _____ cents (\$_____)	\$_____

5	Cutting Protruding Service Connections		
5a	___10___ each	Cutting Protruding Service Connections, each  _____ dollars and _____ cents (\$_____)	\$_____
6	Bypass Pumping		
6a	___1___ day	Bypass Pumping 0 – 1,000 gpm  _____ dollars and _____ cents (\$_____)	\$_____
6b	___1___ day	Bypass Pumping 1,001 – 3,000 gpm  _____ dollars and _____ cents (\$_____)	\$_____
6c	___1___ day	Bypass Pumping 3,001 – 5,000 gpm  _____ dollars and _____ cents (\$_____)	\$_____
6d	___1___ day	Bypass Pumping 5,001 – 7,500 gpm  _____ dollars and _____ cents (\$_____)	\$_____
6e	___1___ day	Bypass Pumping 7,501 – 10,000 gpm  _____ dollars and _____ cents (\$_____)	\$_____
6f	___1___ day	Bypass Pumping greater than 10,000 gpm  _____ dollars and _____ cents (\$_____)	\$_____
7	Warranty Period Testing		

7a	<u>3,000</u> lin. ft	All pipe sizes, per lin. ft.  _____ dollars and _____ cents (\$_____)	\$_____
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8	Police Detail Allowance		
8a	Indeterminate Quantity allowance used for bid comparison	Police Detail Allowance,  Five Thousand _____ dollars and ___no cents (\$5,000.00)	\$ 5,000.00

The estimated unit quantities provided are for informal comparison only. The total price for Items 1 to 8, inclusive, derived as described in the INSTRUCTIONS TO BIDDERS under the heading "Comparison of Bids," is

\$\_\_\_\_\_ (Bidder must fill in this blank.)

The undersigned agrees that for extra work, if any, performed in accordance with the terms and provisions of the annexed form of AGREEMENT, he will accept compensation as stipulated therein in full payment for such extra work.

If this BID is accepted by the Owner, the undersigned agrees to complete work identified as separate projects for the unit prices identified above and to be completed under the Contract within the time negotiated and stipulated in any AGREEMENT.

As provided in the INSTRUCTIONS TO BIDDERS, the bidder hereby agrees that he will not withdraw this PROPOSAL within 90 consecutive calendar days after the actual date of the opening of Bids and that, if the Owner shall accept this BID, the bidder will duly execute and acknowledge the AGREEMENT and furnish, duly executed and acknowledged, the required CONTRACT BONDS within ten (10) days after notification that the AGREEMENT and other Contract Documents are ready for signature.

Bid prices for work items shall be effective for two (2) years commencing on the date of this bid submittal. Extensions beyond two (2) years may occur upon mutual agreement between the town and contractor.

The contractor will be contractually obligated to use the unit rates included in their proposal to generate invoices for individual projects.

By submitting this proposal, the Contractor authorizes the town to undertake such investigation as may be necessary to verify the Contractors qualifications and reputation

Should the bidder fail to fulfill any of his agreements as hereinabove set forth, the Owner shall have the right to retain as liquidated damages the amount of the bid check which shall become the Owner's property. If a bid bond was given, it is agreed that the amount thereof shall be paid as liquidated damages to the Owner by the Surety.

This BID includes Addenda number \_\_\_\_\_ (To be filled in by Bidder if Addenda are issued.)

The bidder, by submittal of this BID, agrees with the Owner that the amount of the bid security deposited with this BID fairly and reasonably represents the amount of damages the Owner will suffer due to the failure of the bidder to fulfill his agreements as above provided.

(SEAL) \_\_\_\_\_ L.S.  
(Name of Bidder)

By \_\_\_\_\_  
(Signature and title of authorized  
representative)

\_\_\_\_\_  
(Business address)

\_\_\_\_\_  
(City and State)

Date

\_\_\_\_\_  
The bidder is a corporation incorporated in the State (or Commonwealth) of \_\_\_\_\_ - a partnership - an individual. (Bidder must add and delete as necessary to make this sentence read correctly.)

The required names and addresses of all persons interested in the foregoing Bid, as Principals, are as follows:

\_\_\_\_\_

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The bidder is requested to state below what work of a similar character to that included in the proposed Contract he has done and to give references that will enable the Owner to judge his experience, skill, and business standing.

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(Add supplementary page if necessary.)

END OF SECTION

## SECTION 01150a

### MEASUREMENT AND PAYMENT

#### PART 1 - GENERAL

##### 1.01 MEASUREMENT AND PAYMENT:

- A. The following subsections describe the measurement of and payment for the work to be completed under the items listed in the BID.
- B. Each unit or lump sum price stated in the BID shall constitute full compensation as herein specified for each item of work completed in accordance with the drawings and specifications.

##### 1.02 Bid Item #1: Cleaning

The term "light cleaning", as used in these specifications, shall be equivalent to one to two passes of a hydraulic jet cleaner through the sewer line to render the line clean. This work will be measured horizontally by the Engineer, along the invert of the cleaned pipe, on a linear foot basis, from beginning of the section of cleaned pipe to the end of the section of cleaned pipe to the nearest even foot. Pipe inside manholes is excluded from measurement and payment.

The term "medium cleaning", as used in these specifications, shall be equivalent to three to four passes of a hydraulic jet cleaner through the sewer line to render the line clean. This work will be measured horizontally by the Engineer, along the invert of the cleaned pipe, on a linear foot basis, from beginning of the section of cleaned pipe to the end of the section of cleaned pipe to the nearest even foot. Pipe inside manholes is excluded from measurement and payment.

The term "heavy cleaning", as used in these specifications, shall be equivalent to five or more passes of a hydraulic jet cleaner through the sewer line or the use of mechanical equipment to remove debris including substantial root masses not included in other bid items, to render the line clean. This work will be measured horizontally by the Engineer, along the invert of the cleaned pipe, on a linear foot basis, from beginning of the section of cleaned pipe to the end of the section of cleaned pipe to the nearest even foot. Pipe inside manholes is excluded from measurement and payment.

The unit price under this item shall constitute full compensation for complete cleaning of sewers of the diameter stated in the appropriate bid item, with suitable cleaning machinery as approved by the Engineer, and for reverse set-ups of cleaning equipment if necessary. The unit cost shall also include the costs for reverse set-ups when an obstruction prevents the camera from passing in the original direction in sewers. The unit price shall include transportation and disposal of the debris at the Branford Water Pollution Control Facility and all other work incidental thereto and not specifically

included for payment under other items.

1.03 Bid Item #2: Pre installation CCTV

The unit price shall include all pre installation television inspection (including the costs for reverse set-ups when an obstruction prevents the camera from passing in the original direction).

This work will be measured horizontally, along the invert of the inspected pipe, on a linear foot basis, from beginning of the pipe to the end of the CCTV record to the nearest even foot.

The price paid per linear foot as listed in the Bid shall include full compensation for furnishing labor, tools, and equipment necessary to perform the work, exclusive of pipe cleaning which is included in other items of work.

1.04 Bid Item #3: Chemical Treatment and Root Removal

The length of sewers to receive chemical treatment and root removal to be paid for under this item shall be measured by the linear foot along the horizontal projection of the centerline of the sewer for the diameter stated in the appropriate bid item. .

The unit price under the appropriate subdivision of this pay item shall constitute full compensation for cleaning (if necessary) and treating the lines, joints, and manholes with root inhibiting chemicals including the cost of the chemicals and their preparation and application.

The unit price under the appropriate subdivision of this pay item shall constitute full compensation for returning a minimum of 60 days after chemical treatment to cut off, remove, and dispose of all roots remaining that protrude into the pipe or manhole including the cost of television inspection and all methods of flow control required for the proper treatment and removal of roots.

1.05 Bid Item #4: Cured-In-Place Sewer Pipe Rehabilitation (Inversion Method)

The length of cured-in place sewer pipe liner to be paid for under this item shall be the actual lengths measured by the linear foot along the centerline of the sewer, the lengths of manhole inverts (as measured between the inside walls of the manholes) being deducted.

The unit price under this item shall constitute full compensation for lining the sewer as indicated and specified, including the cost of reinstating lateral service connections, removal and disposal of debris materials, and all other work incidental to the completion of the lining and not specifically paid for under other items.

1.06 Bid Item #5: Cutting Protruding Service Connections

The quantity of protruding service connection laterals cut-back at the connection to the sewer main to be paid for under this item shall be equal to the number of service connection laterals cut back to the satisfaction of the Engineer. .

The unit price for this item shall constitute full compensation for removal of protruding service connection laterals by means of internal remote controlled cutting devices at the locations identified by preinstallation CCTV inspection herein including removal and disposal of debris and material generated by the cut-back of the connection, all television inspection and flow control required for the proper operation of the cutting device, and all methods of television inspection and flow control required for the proper operation of the cutting equipment.

1.07 Bid Item #6: Bypass Pumping

The cost for bypass pumping shall be on a per day basis per the average flowrate bypassed as identified in the bid item. This cost shall include all labor, equipment, tools, and materials necessary to complete the work as specified, including but not limited to temporary bypass piping, fittings, pumps, fuel, other consumables, vehicular and pedestrian traffic protection, and any other incidental work relative thereto for all work proposed under this Contract.

1.08 Bid Item #7: Warranty Period Testing

Warranty Period Testing conducted after the completion of contract construction shall be paid for under this item. This work is to be performed on a linear foot basis.

The unit price bid shall include full compensation for labor, equipment, tools, materials, and incidentals for performing preparatory cleaning, debris removal and disposal, control of wastewater flows, CCTV inspection, CCTV report preparation, and repair or replacement of any defective CIPP liner sections identified. The length of pipe testing to be paid for under this item shall be the actual lengths measured by the linear foot along the centerline of the sewer, the lengths of manhole inverts (as measured between the inside walls of the manholes) being deducted

If additional inspections and/or tests are found to be required as a result of failed inspections/tests, the additional inspections/tests shall be paid for by the Contractor and will not be eligible for compensation under this item.

1.09 Bid Item #8: Police Detail Allowance

The lump-sum allowance for this item shall constitute full compensation for payments made to the police department towards the deployment of police details as deemed necessary by the said department.

The lump-sum allowance of Five Thousand dollars (\$5,000.00) for this item is included for a comparison of bids. The actual amount paid under this item shall be equal to the actual amount paid by the Contractor to the police department for the deployment of the said officers. No markups shall be allowed. Expenses, if any, incurred during coordination are considered incidental to the execution of this contract and shall not be eligible for payment. Non-police detail work such as flaggers, barricades and other traffic control items are considered incidental to the trenchless utility rehabilitation work and such costs shall be included in the unit price items bid.

1.10 EXTRA WORK:

- A. Extra work, if any, shall be performed in accordance with Article 10 of the General Conditions and will be paid for in accordance with Article 11 of the General Conditions.

END OF SECTION