

ADDENDUM NO. 3

TO

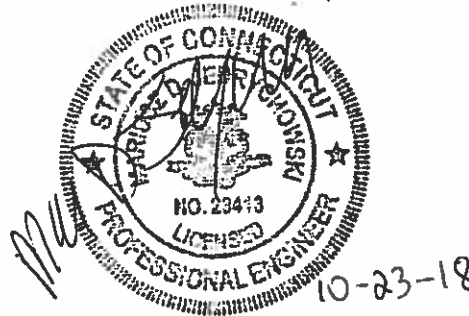
**BIDDING AND CONTRACT
REQUIREMENTS AND SPECIFICATIONS**

FOR THE

**GUILFORD, CONNECTICUT
WATER MAIN EXTENSION
MULBERRY POINT, TUTTLES POINT, AND LONG COVE
WP Project No. 13675A
Town of Guilford Re-Bid No. 13-1718**

**Issued
October 23, 2018**

BID OPENING: NOVEMBER 9, 2018 AT 2:00 PM



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**WATER MAIN EXTENSION
MULBERRY POINT, TUTTLES POINT, AND LONG COVE
ADDENDUM NO. 2
WP Project No. 13675A
Town of Guilford Re-Bid No. 13-1718**

As a point of clarification, it should be understood that the Contract Documents govern all aspects of the project. Discussions held during the Pre-Bid Conference or over the telephone are informal and informational only. All official changes to the Contract Documents are made only by addenda. The following changes and additional information are hereby made a part of the Contract Documents:

SPECIFICATIONS

1. Section 0020, "Invitation to Bid", **DELETE** the first sentence in its entirety and **INSERT** the following new sentence:

"Sealed bids for the **Water Main Extension for Mulberry Point, Tuttle Point, and Long Cove Guilford, Connecticut** will be received by the Town of Guilford, Office of the First Selectman, Town Hall, Second Floor, 31 Park Street, Guilford, CT, 06437 until 2:00 P.M., local time, Friday November 9, 2018 and then at said office publicly opened and read aloud."
2. Section 00310, "Bid Form", **DELETE** in its entirety and **INSERT** the new Section 00310, "Bid Form" included as Attachment A to this Addendum.
3. Section 00405 – Qualifications Statement, page 00405-6, Article 14. – Major Subcontractors. **DELETE** \$750,000 and **INSERT** \$500,000.
4. Section 01150 "Measurement and Payment", **DELETE** and **INSERT** the following revised Measurement and Payment for Items 2 and 3:

Items No. 2 and 3 – Install Town Provided (Size) Ductile Iron Water Main and Fittings

- A. Method of Measurement: Water main measured for payment shall be the actual length in feet as measured along the center line of the pipe as laid through all fittings and valves.
- B. Basis of Payment:
 1. Install Town Provided Ductile Iron Water Main and Fittings shall be paid for at the unit price per linear foot stated in the Bid Schedule. Said unit price shall be full compensation for furnishing all materials (except ductile iron pipe, fittings, Megalug joint restraints **and polyethylene pipe encasement for buried pipe** – these materials will be provided by the Owner), labor, equipment and tools required for the installation of the complete pipelines; for dewatering; for installing the pipes, fittings, and appurtenances (including pipe, fittings, and Megalug joint restraints provided by the Owner, and additional fittings required); for furnishing and installing chlorination inlets; for excavating (except rock excavation), for furnishing and installing a concrete mud slab where shown on the drawings, (if required); laying, setting, and proper jointing all pipes and fittings; **for installing polyethylene pipe encasement**; for furnishing and placing all bedding, haunching and initial backfill; for backfilling; **for furnishing and installing pipe marking tape**, for

furnishing and placing all gravel required in areas of gravel shoulder; for compaction; for miscellaneous concrete for thrust blocks, etc.; for furnishing and placing all temporary and/or permanent sheeting and bracing; for all labor, tools and construction equipment; for testing; for cleaning and flushing including temporary flushing connections; for chlorination, for furnishing and installing temporary taps and fittings required for testing; and for all other work and expenses incidental thereto, including record drawings (as-builts) as specified in Contract Documents Section 01720 Project Record Documents. Also included is the coordination with the Town of Guilford and The Connecticut Water Company for the delivery of the Town provided materials. The Contractor is responsible for the off-loading of all Town provided materials at a site to be determined by the Town, and transporting the materials from the storage site to the project site.

2. Only ninety (90%) of the price per lineal foot of pipe shall be paid for upon its installation, the balance shall be withheld until such time as the pipe has been successfully tested and chlorinated and ready to be incorporated into the existing system. The above percentages are prior to the specified retainage to be withheld.
- C. All temporary items and labor necessary to properly protect work, test and chlorinate mains shall be covered under this item.
5. Section 01150 "Measurement and Payment", Page 01150-10, Item No. 23, Paragraph B.1, **DELETE** the words: "for removal, disposal and replacement of unsuitable material outside of the wetlands" **ADD** Paragraph B.4:
"4. Removal, disposal and replacement of unsuitable material outside of the wetlands shall be included in the appropriate bid items."
6. Section 01150 "Measurement and Payment", Page 01150-10, Item No. 24, Paragraph B.1, **DELETE** the words: "for the satisfactory removal, disposal and replacement of all unsuitable materials" **ADD** Paragraph B.3:
"3. Removal, disposal and replacement of unsuitable shall be included in the appropriate bid items."
7. Section 01150 "Measurement and Payment", Page 01150-10, Item No. 25, Paragraph B.1, **DELETE** the words: "for the satisfactory removal, disposal and replacement of all unsuitable materials" **ADD** Paragraph B.3:
"3. Removal, disposal and replacement of unsuitable shall be included in the appropriate bid items."
8. Section 01150 "Measurement and Payment", **DELETE** Item No.18 and **INSERT** the following Item No. 18:

Item No. 18 – Bituminous Concrete Driveway Repair

A. Method of Measurement – Bituminous Driveways shall be measured for payment by the number of square yards of driveway installed and accepted in place.

B. Basis of Payment – Bituminous Driveways will be paid for at the Contract unit price bid per square yard as listed in the bid, complete in place and accepted, which price and payment shall be full compensation for all excavation, backfill, disposal of surplus material, furnishing and installing the base, compaction, fine grading, furnishing and installing the bituminous driveway surfaces and aprons, jointing, and all equipment, tools, labor and materials incidental thereto.

9. Section 01150 "Measurement and Payment", **INSERT** the following Item No. 32 after Item 31:

Item No. 32 – Allowance for Pre- and Post-Construction Stream Crossing Topographical and

Photographic Survey

A. Method of Measurement: An allowance is included for all work, required to be performed by a licensed surveyor (Criscuolo Engineering, LLC) to document the pre- and post-construction condition of the wetland area and vernal pool at the water main stream crossing as depicted on drawing C-4. The work includes: pre - and post construction detailed field survey cogo data points and creation of a Data Accumulation Plan depicting the topography with contours and cross sections, photographic documentation, development and providing before and after record plans, coordination with the contractor before and during final restoration work at the stream crossing. Also included is the post-construction submittal to the Engineer as required in Note 19 on Sheet C-4.

B. Basis of Payment: Allowance for Allowance for Pre- and Post-Construction Stream Crossing Topographical and Photographic Survey work shall be paid for the actual amount invoiced by the surveyor. Adjustment to the final cost for this item will be made in accordance with Paragraph 11.02 of the General Conditions.

10. Section 01150 "Measurement and Payment", **INSERT** the following Item No. 33 after Item 32:

Item No. 33 – Brick/Pavers Driveway Repair

A. Method of Measurement – Brick/Pavers Driveways shall be measured for payment by the number of square yards of driveway installed and accepted in place.

B. Basis of Payment – Brick/Pavers Driveways will be paid for at the Contract unit price bid per square yard as listed in the bid, complete in place and accepted, which price and payment shall be full compensation for removal and resetting, all excavation, backfill, disposal of surplus material, furnishing and installing the base, compaction, fine grading, furnishing and installing the Brick/Pavers_driveway surfaces and aprons, jointing, and all equipment, tools, labor and materials incidental thereto.

11. Section 01150 "Measurement and Payment", **INSERT** the following Item No. 34 after Item 33:

Item No. 34 – Gravel/Stone/Crushed Sea Shells Driveway Repair

A. Method of Measurement – Gravel/Stone/Crushed Sea Shells_Driveways shall be measured for payment by the number of square yards of driveway installed and accepted in place.

B. Basis of Payment – Gravel/Stone/Crushed Sea Shells_will be paid for at the Contract unit price bid per square yard as listed in the bid, complete in place and accepted, which price and payment shall be full compensation for all excavation, backfill, disposal of surplus material, furnishing and installing the base, compaction, fine grading, furnishing and installing the Gravel/Stone/Crushed Sea Shells_driveway surfaces and aprons, jointing, and all equipment, tools, labor and materials incidental thereto.

12. Section 02200 "Earthwork", **DELETE** Paragraph 3.2 A.3.a and **INSERT** the following revised Paragraph 3.2 A.3.a:

“a) Earth Excavation shall consist of the removal of all earth materials encountered during excavation including but not limited to native soil or fill, pavement (bituminous or concrete), existing sewers and manholes, ashes, loam, clay, swamp muck, debris, soft or disintegrated rock or hard pan which can be removed with a backhoe, or a combination of such materials, and boulders that do not meet the definition of "Ledge" below. Refer to Paragraph 3.3 A. 5 for backfill material requirements.”

DRAWINGS

1. Sheet C-4, Note 1, **DELETE** in its entirety and **INSERT** the new Note 1 as follows:
“1. At least 14 days prior to construction of the intermittent stream crossing submit for review and approval by the engineer a complete shop drawing package including, but not limited to, pre-construction elevation and condition survey, photographic documentation, materials, working drawings, schedule, and sequence of construction. See spec. section 01340 'submittals' for additional information.”
2. Sheet C-4, Note 2 last sentence, **DELETE** August 1 and October 30 and **INSERT** October 1 and March 31.
3. Sheet C-4, at the end of Note 2, **ADD** the following sentence:
“The vernal pole is generally located between Sta. 12+70 and Sta. 12+98, both sides of the proposed water main within the easement.”
4. Sheet C-4, Note 3, line one, **BEFORE** the word “Prior” **ADD** the words “14 days”.
5. Sheet C-4, at the end of Note 6, **ADD** the following sentences:
“The removal of tree stumps, root systems and associated excavation shall be limited to the area directly over the trench-line, wherever feasible. If trees are cut, they shall be cut at or above ground level, and not uprooted, unless otherwise authorized. Canopy clearing shall be limited to that necessary to execute equipment access for trench construction and shall avoid, where feasible, removal of trees on the south side of the trench adjacent to the vernal pool.”
6. Sheet C-4, Note 9, **DELETE** in its entirety and **INSERT** the new Note 9 as follows:
“9. Contractor shall perform a pre and post construction survey of the stream bed and grade control at the limits of the vernal pool to assure existing conditions have been restored.”
7. Sheet C-4, Note 10, **DELETE** in its entirety and **INSERT** the new Note 10 as follows:
“10. All stones shall be removed from the stream bed, stored, and reset, attempting to match the pre-construction photos as directed, after construction is complete. Soil and stream bed excavated material within the wetlands, except ledge, shall be segregated and stockpiled for reuse as backfill. Stockpile shall be located to the north (downstream) of the stream crossing. The top 1 foot of excavated material shall be stockpiled separately and reused for wetlands and stream bed restoration as directed.”
8. Sheet C-4, **ADD** the following new notes:
“17. Erosion and sediment control BMP devices shall be removed as soon as possible upon completion of the work, but not before the site has been successfully stabilized and approved. Vernal pool exclusion fencing shall be removed as soon as pipe installation and associated site restoration is completed to ensure that the structures do not interfere with seasonal wildlife movement.

18. Rolled erosion control devices and mats made with synthetic mesh (including photodegradable, UV degradable and Oxo-biodegradable plastics) shall not be used in wetlands and waterways.

19. Within 30 days of the work in waterways and wetlands, the Contractor shall submit a post-construction as-built project survey, to be performed by Criscuolo Engineering, LLC, of the restored stream bed and vernal pool to the Engineer. The submittal shall include a summary that compares post-construction condition and elevation to the pre-construction survey, discussion of any variation to the prior approved waterway crossing procedure, and physical and photographic evidence that the stream bed and vernal pool grade control has been restored to pre-construction physical character, function and hydrologic condition.

20. Heavy Equipment in Wetlands: Operating heavy equipment other than fixed equipment (drill rigs, fixed cranes, etc.) within wetlands shall be minimized, and such equipment shall not be stored, maintained or repaired in wetlands, to the maximum extent practicable. Where construction requires heavy equipment operation in wetlands, the equipment shall either have low ground pressure (typically <3 psi), or it shall be placed on swamp/construction/timber mats (herein referred to as “construction mats”) that are adequate to support the equipment in such a way as to minimize disturbance of wetland soil and vegetation. Construction mats are to be placed in the wetland from the upland or from equipment positioned on swamp mats if working within a wetland. Dragging construction mats into position is prohibited. Other support structures that are capable of safely supporting equipment may be used with written Engineer authorization. Similarly, the contractor may request written authorization from the Engineer to waive use of mats during frozen or dry conditions. An adequate supply of spill containment equipment shall be maintained on site. Construction mats should be managed in accordance with the following construction mat best management practices:

- Mats should be in good condition to ensure proper installation, use and removal.
- Where feasible, mats should be carried and not dragged unless they are being used as a grading implement.
- Where feasible, place mats in a location that would minimize the amount needed for the wetlands crossing.
- Minimize impacts to wetland areas during installation, use, and removal.
- Install adequate erosion & sediment controls at approaches to mats to promote a smooth transition to, and minimize sediment tracking onto, swamp mats.
- In most cases, construction mats should be placed along the travel area so that the individual boards are resting perpendicular to the direction of traffic. No gaps should exist between mats. Place mats far enough on either side of the resource area to rest on firm ground.
- Provide standard construction mat BMP details to work crews.

QUESTIONS AND ANSWERS

Questions from the Contractors received after the pre-bid meeting held on October 15, 2018 and additional comments by the Engineer:

1. *Q: For the elevated water main on Daniel Ave., are the above grade 45 deg bends that transition off of the bridge to be TR-Flex or mechanical joint?*
A: TR-Flex.
2. *Q: Also for the elevated water main, would a pre-insulated DIP be acceptable as opposed to field applied insulation?*
A: Yes. CT Water provides the pipe and the contractor provides the insulation.
3. *Q: For the elevated water main, is the casing pipe that is designated "HSS-20" considered to be "high strength steel sched 20"?*
A: Yes.
4. *Q: For items 3 &4, will the contractor be responsible for furnishing the polywrap for the DIP and the direct burial warning tape or will that be something that the CWC supplier will take care of?*
A: The Polywrap will be provided by the CT Water. The contractor is responsible for providing the direct burial warning tape.
5. *Q: Can the bid date be extended 1.5 weeks? The job is very complicated, and the estimate takes time. This would not impact the spring start and would allow for a more thorough, more competitive estimate.*
A: The bid date is being extended to November 9, 2018 at 2 PM by this Addendum No.3 to provide more time for bid estimating purposes.
6. *Q: Does the contractor supply the polyethylene sleeping, chlorine tablets and permatrix or will that be provided with the pipe by the owner?*
A: CT Water will provide polyethylene sleeping for the buried water main. The contractor shall provide chlorine tablets and Permatex as indicated in Appendix F under Chlorination.
7. *Q: Who is responsible for the bacteria/potable water testing? Does CT water provide this at no cost?*
A: For sampling CT Water will flush the mains and draw the samples for processing. The contractor still performs the pressure testing.
8. *Q: Does CT Water Tap the 12" main on Sachem Head Rd at no cost or is it the contractor's responsibility?*
A: The contractor provides tapping sleeve and valve, excavates, prepares the hole (trench box, etc.) and installs the tapping sleeve provided for the tapping activity. Connecticut Water performs the tapping to the 12" main.
9. *Q: Who supplies the 20" steel sleeve, spacers, and insulation for the elevated water main? Contractor or owner?*

- A: The contractor.
10. *Q: 6. Who supplies the 16" steel sleeve at the 36" storm drain crossing on Tuttle Point Rd? Contractor or owner?*
- A: The contractor.
11. *Q: 7. What is required in the non-maintained easement for restoration? Stations 0+50 to 13+50*
- A: From station 0+50 to 12+45 grade, remove construction debris (roots, stones, etc.) to allow CT Water access in the future. No surface treatment required (grass, gravel, etc.). From Station 12+45 to Lower Road, including the stream crossing, see specific requirements on drawing C-4 and a new bid item No.31 added as part of Addendum No.2.
12. *Q: 1. Can our blasting subcontractor perform their own seismic monitoring? or are we required to carry a 3rd party Seismic monitoring subcontractor for the duration of the project?*
- A: The blasting subcontractor can perform their own seismic monitoring.
13. *Q: Please confirm on site soils are considered clean fill for disposal purposes. Contaminated or polluted soils would be an additional cost if encountered.*
- A: Yes.
14. *Q: Under Section 02200 - Earthwork, Paragraph 3.2 A.3.a states that all excavation shall consist of the removal, hauling and disposal of all earth materials encountered during excavation. Then Paragraph 4 states the contractor shall remove and dispose of any material determined by the Engineer to be unsuitable for backfilling. These two paragraphs seem to contradict each other. Our question is should all bidders plan on removing and disposing of the entire contents of all excavated trenches under roadways? If so, then all bidders would need to carry an equal quantity of suitable replacement gravel. Is this correct?*
- A: See Addendum No.3 for modifications to Section 02200 Paragraph 3.2 A.3.a.
15. *Q: Please confirm that the contractor will be provided all materials required for restrained pipe joints.*
- A: Yes.
16. *Q: Who is providing the polyethylene pipe encasement?*
- A: CT Water.
17. *Q: Who is responsible for notifying home owners of road closures?*
- A: The contractor is responsible with coordination with the Town liaison seven days prior

to road closure. The Town liaison will notify the home owners.

18. *Q: How is “Local Access Only“ being proposed to be accomplished for road closures when the roads are not wide enough to allow for local traffic to pass thru the work zones?*

A: For the dead end narrow Local Access Only Roads, the contractor shall coordinate daily work activities with the Town liaison, so the property owners and the emergency responders could be notified about the upcoming construction activities and limited access. Most of the road right-of-way are wide enough to provide access off road around the construction area.

19. *Q: Specification section 01150, Items 23,24 and 25 state that the scope of work is to include the removal, disposal and replacement of unsuitable materials. This work item is an unknown, indeterminate quantity. This work item should be included in Bid Items # 11 and # 12.*

A: See Addendum No.3 for modifications to Section 00150 Measurement and Payment.

20. *Q: Please add a bid item for specification section 02060 or delete the specification section.*

A: The specification sections were added per regulatory requirements. No quantities are anticipated. If the regulated soils are encountered, compensation will be handled through a change order.

21. *Q: Please add a bid item for specification section 02070 or delete the specification section?*

A: The specification sections were added per regulatory requirements. No quantities are anticipated. If contaminated groundwater is encountered, compensation will be handled through a change order.

22. *Q: Please clarify that bid item # 22 is specifically for the complete clearing and grubbing of the easement from Sta 0+44 to Sta 15+30 and that bid item # 20 is for the clearing and grubbing of the remaining work areas of the project.*

A: The Clearing and Grubbing Item No.20 is for the entire project, including the easement from station 0+44 to 15+30. The Tree Removal Item No. 22 is for the easement area from station 0+44 to 15+30.

23. *Q: Plan profile drawings do not indicate nor specify the water main pipe fittings that will be required for vertical alignments and offsets. Also restrained pipe joint areas are not shown on the plan profiles. The fitting count in addendum # 2, Q&A # 10 does not appear to be correct. Please issue revised plan profile drawings indicating water main fittings for vertical alignment and offsets as well as indicating areas of restrained pipe joints.*

A: The contractor shall estimate the required number of fittings based on layout shown and every fitting has a restrained joint and locking gaskets two full pipe lengths each side of a fitting or valve. See specification Section 02665, Page 02665-4, Paragraph 3.2.C.8.

24. *Q: Bid Item 18 does not differentiate between driveways of different surface types. Please add additional bid items per driveway surface type repair.*

A: Bid Item 18 has been revised and additional bid items No. 33 and 34 were added to the Bid Form and Measurement and Payment by Addendum No.3.

25. *Q: Specification Section 02200 , paragraph 3.2 A 3.c does not seem to be applicable to this project. Please clarify or delete this paragraph.*

- A: The contractor shall use mechanical methods for rock removal prior to turning to blasting.
26. *Q: As blasting is not allowed within the 100 ft wetlands review area, please add a bid item for rock removal by mechanical means.*
- A: This is included in Ledge Excavation, Disposal and Replacement Backfill Item No.11.
27. *Q: Please clarify if the HSS 20 in bid item # 24 is pipe or tube steel. Also is the HSS 20 to be galvanized?*
- A: HSS is a hollow structural shape (structural tube steel). Yes, it shall be galvanized per note 4.2 on drawing S-1.
28. *Q: Specification section 01150, item # 13, paragraph B 3. Please clarify or add a bid item for this described scope of work*
- A: Contractor can use surplus excavated suitable material as backfill if available in areas where unsuitable was removed and disposed of.
29. *Q: What suppliers and subcontractors need to be identified in the bid package?*
- A: All potential suppliers and subcontractors, including MBE/WBE firms.
30. *Q: Section 00412-1: The first sentence under, " Instructions", says to submit this CHRO Monitoring report with the Bid. This CHRO monitoring report is not listed in Article 7 – Attachments to this Bid. Is this report required or Not required to be submitted with the bid?*
- A: The CHRO Monitoring Report is required to be submitted with the bid. The report is part of Section 00412 and starts on page 00412-3.
31. *Q: Article 7 – Attachments to this Bid, Item J. Please Identify the form or tabulation of Subcontractors, Suppliers that applies to Item J?*
- A: Use Section 00405 – Qualifications Statement, page 00405-6.
32. *Q: Page 00020-2 states that MBE / WBE Subcontractor Verification Forms must be furnished within 14 days after the receipt of Bids. On the verification form, the last sentence at the top of the page states, "In the event this form is not submitted with the bid application, the bid could be rendered nonresponsive and rejected." Please advise as to whether these forms need to be submitted with the bid package or within 14 days of the bid opening.*
- A: The MBE / WBE Subcontractor Verification Forms must be furnished by the apparent low bidder within 14 days of the bid opening. However, all bids must include a signed Clean Water Fund Memorandum (2016-003) Disadvantaged Business Enterprise (DBE) Subcontractor Participation on Clean Water Fund (CWF) Construction Projects located in Section 00800 SC-20 Supplementary Conditions.
33. *How can we obtain a copy of the original bid results?*
- A: The copy of the original bid results will not be provided.

ATTACHMENTS

1. Revised Bid Form is being provided as Attachment A to this addendum.

END OF ADDENDUM No.3

Attachment A

Section 00310 - Bid Form

SECTION 00310

BID FORM

PROJECT IDENTIFICATION: Water Main Extension for Mulberry Point, Tuttle Point, and Long Cove

THIS BID IS SUBMITTED TO: Town of Guilford
Office of the First Selectman
Town Hall, Second Floor
31 Park Street
Guilford, CT 06437

ARTICLE 1 – BID RECIPIENT

- 1.01 This Bid is submitted to the Owner, as identified above.
- 1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the 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 90 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:

<u>Addendum No.</u>	<u>Addendum, Date</u>
_____	_____
_____	_____
_____	_____
_____	_____

- 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.
- K. Bidder understands that the Owner reserves the right to reject any or all bids.
- L. Bidder understands that, if the contract is to be awarded, it will be awarded to the lowest responsive, qualified, responsible bidder whose evaluation by Owner indicates to Owner that the award will be in the best interests of the Project.
- M. Bidder acknowledges that his Bid will be rejected unless the Issuing Office has a record that the Bidder has purchased at least one set of paper Bidding Documents from the Issuing Office.

ARTICLE 4 – BIDDER'S CERTIFICATION

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 this 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):

BID SCHEDULE

Item No.	Quantity	Brief Description of Item with Unit Bid Price in Words	Unit Bid In Figures	Amount In Figures
1	1	Mobilization (Maximum 2.5% of Total Base Bid) The Sum of \$ _____ _____	\$ _____	\$ _____
Per Lump Sum				
2	9,700	Install Town Provided 8-inch Ductile Iron Water Main and Fittings The Sum of \$ _____ _____	\$ _____	\$ _____
Per Linear Foot				
3	4,150	Install Town Provided 12-inch Ductile Iron Water Main and Fittings The Sum of \$ _____ _____	\$ _____	\$ _____
Per Linear Foot				

Item No.	Quantity	Brief Description of Item with Unit Bid Price in Words	Unit Bid In Figures	Amount In Figures
4	1	Install 12-inch x 12-inch Tapping Sleeve and Valve The Sum of \$ _____ _____ Per Each	\$ _____	\$ _____
5	41	Install Town Provided 8-inch Gate Valves The Sum of \$ _____ _____ Per Each	\$ _____	\$ _____
6	7	Install Town Provided 12-inch Gate Valves The Sum of \$ _____ _____ Per Each	\$ _____	\$ _____
7	19	Install CT Water Co. Supplied Hydrant Assemblies The Sum of \$ _____ _____ Per Each	\$ _____	\$ _____
8	9	Furnish and Install Blow Off Assembly The Sum of \$ _____ _____ Per Each	\$ _____	\$ _____
9	3	Furnish and Install Air Release Assembly The Sum of \$ _____ _____ Per Each	\$ _____	\$ _____
10	2,400	Furnish and Install Water Services The Sum of \$ _____ _____ Per Linear Foot	\$ _____	\$ _____

Item No.	Quantity	Brief Description of Item with Unit Bid Price in Words	Unit Bid In Figures	Amount In Figures
11	3,750*	Ledge Excavation, Disposal and Replacement Backfill (Min. \$40/CY, Max. \$150/CY) The Sum of \$ _____ _____ Per Cubic Yard	\$ _____	\$ _____
12	350*	Earth Excavation Below Grade and Replacement Backfill (Min. \$5/CY, Max. \$30/CY) The Sum of \$ _____ _____ Per Cubic Yard	\$ _____	\$ _____
13	750*	Replacement of Unsuitable Material Above Pipe Bedding and Initial Backfill (Min. \$5/CY, Max. \$30/CY) The Sum of \$ _____ _____ Per Cubic Yard	\$ _____	\$ _____
14	2,700	Processed Aggregate Road Base The Sum of \$ _____ _____ Per Cubic Yard	\$ _____	\$ _____
15	1400	Temporary (Initial) Bituminous Concrete Pavement The Sum of \$ _____ _____ Per Ton	\$ _____	\$ _____
16	160	Final (Permanent) Trench Pavement The Sum of \$ _____ _____ Per Ton	\$ _____	\$ _____

Item No.	Quantity	Brief Description of Item with Unit Bid Price in Words	Unit Bid In Figures	Amount In Figures
17	1,375	Final (Permanent) Mill and Overlay Pavement The Sum of \$ _____ _____ Per Ton	\$ _____	\$ _____
18	160*	Bituminous Concrete Driveway Repair The Sum of \$ _____ _____ Per Square Yard	\$ _____	\$ _____
19	1	Erosion Control The Sum of \$ _____ _____ Per Lump Sum	\$ _____	\$ _____
20	1	Clearing and Grubbing The Sum of \$ _____ _____ Per Lump Sum	\$ _____	\$ _____
21	10	Test Pit Excavation, Backfill and Restoration The Sum of \$ _____ _____ Per Each	\$ _____	\$ _____
22	1	Tree Removal The Sum of \$ _____ _____ Per Lump Sum	\$ _____	\$ _____
23	1	Stream Crossing – Sheet C-4 The Sum of \$ _____ _____ Per Lump Sum	\$ _____	\$ _____

Item No.	Quantity	Brief Description of Item with Unit Bid Price in Words	Unit Bid In Figures	Amount In Figures
24	1	Elevated Water Main – Daniel Ave. The Sum of \$ _____ _____ Per Lump Sum	\$ _____	\$ _____
25	1	36” Storm Drain Crossing – Tuttle Point Rd. The Sum of \$ _____ _____ Per Lump Sum	\$ _____	\$ _____
26	1	Allowance for Utility Companies The Sum of \$ <u>Five Thousand Dollars</u> <u>and no cents</u> Allowance	<u>\$5,000.00</u>	<u>\$5,000.00</u>
27	1	Traffic Control The Sum of \$ _____ _____ Per Lump Sum	\$ _____	\$ _____
28	180	Traffic Flaggers The Sum of \$ _____ _____ Per Man Day	\$ _____	\$ _____
29	1	Dust Control The Sum of \$ _____ _____ Per Lump Sum	\$ _____	\$ _____
30	1	Miscellaneous Restoration The Sum of \$ <u>Ten Thousand Dollars</u> <u>and no cents</u> Allowance	<u>\$10,000.00</u>	<u>\$10,000.00</u>

Item No.	Quantity	Brief Description of Item with Unit Bid Price in Words	Unit Bid In Figures	Amount In Figures
31	2,900*	Loaming and Seeding The Sum of \$ _____ _____	\$ _____	\$ _____
Per Square Yard				
32	1	Allowance for Pre- and Post- Construction Stream Crossing Topographical and Photographic Survey The Sum of \$ <u>Ten Thousand Dollars and</u> <u>no cents</u> _____	\$10,000	\$10,000
Allowance				
33	50*	Brick/Pavers Driveway Repair The Sum of \$ _____ _____	\$ _____	\$ _____
Per Square Yard				
34	140*	Gravel/Stone/Crushed Sea Shells Driveway Repair The Sum of \$ _____ _____	\$ _____	\$ _____
Per Square Yard				

* Indeterminate quantities assumed for comparison of bids. Quantities are not guaranteed. Payment will be based on actual quantities constructed.

TOTAL BID: Total of Items 1 through 34 above.

_____ (\$ _____
(use figures)

_____ (use words)

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.

ARTICLE 7 – ATTACHMENTS TO THIS BID

The following documents are submitted with and made a condition of this Bid:

- A. This Bid Form in its entirety.
- B. Required Bid security;
- C. Certificate of Authority to Sign (Section 00302);
- D. Required Bidder Qualification Statement with supporting data (Section 00405);
- E. Signed Compliance Statement (Section 00406);
- F. Non-Collusion Affidavit of Prime Bidder (Section 00408);
- G. Signed Understanding Statement of MBE/WBE Participation (Section 00800, SC-20)
- H. Bidders Department of Administrative Services Prequalification Certificate
- I. Bidder’s Department of Administrative Services Update (Bid) Statement
- J. A tabulation of Subcontractors, Suppliers and other persons and organizations required to be identified in this Bid.
- K. CT Water Co. Contractor Qualification and Licensing Requirements Form (Appendix G)
- L. CHRO Bidder Contract Compliance Monitoring Report (Section 00412)

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.

BID SUBMITTAL

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]

Title: _____

Submittal Date: _____

Address for giving notices:

Telephone Number: _____

Fax Number: _____

Contact Name and e-mail address: _____

Bidder's License No.: _____
(where applicable)