



CITY OF PROVIDENCE, RHODE ISLAND

Department: Providence Water

RFP Title: Lead Service Line Replacement Program (Exp. 12/15/25)

Opening Date: 01/27/2025

Addendum #: 1

Issue Date: 01/17/2025

The purpose of this addendum is to provide additional information.



ADDENDUM NO. 1

TO: ALL CONTRACT DOCUMENT HOLDERS OF RECORD
ALL PROSPECTIVE BIDDERS

FROM: PROVIDENCE WATER
125 DUPONT DRIVE
PROVIDENCE, RHODE ISLAND 02907
PHONE: (401) 521-6300

DATE ISSUED: JANUARY 17, 2025

RE: LEAD SERVICE LINE REPLACEMENT PROGRAM
PROJECT NO. 20173

BID OPENING DATE: JANUARY 27, 2025 AT 2:15 PM

BID OPENING LOCATION: BOARD OF CONTRACT AND SUPPLY MEETING
PROVIDENCE CITY HALL
25 DORRANCE STREET
PROVIDENCE, RHODE ISLAND 02903

LAST WRITTEN QUESTIONS DUE: FRIDAY, JANUARY 17, 2025

This Addendum, including all referenced attachments, modifies, amends, and supplements designated parts of the Request For Proposals (RFP) and/or Contract Documents to the above-referenced project and shall be part of the Request For Proposals and/or Contract Documents for the above-referenced project.

Acknowledge receipt of this Addendum by inserting its number and date on the respective Bid Forms. Failure to do so may subject the Bid to disqualification.

The Request For Proposals and/or Contract Documents are hereby modified, amended and supplemented as follows:

ATTACHMENTS

The following 5 attachments are included with this Addendum:

- 1 Revised Request for Proposals, Page 1.
- 2 Specification Section 001116 - Invitation to Bid
- 3 Specification Section 002113 - Instruction to Bidders
- 4 Specification Section 004100 - Bid Form
- 5 Revised Specification Section 01010 – Summary of Work
- 6 Revised Specification Section 01025 - Measurement and Payment
- 7 Specification Appendix A (Initial Address List)

GENERAL

1. The deadline to submit written questions is Friday, January 17, 2025 (10 days before the Bid opening).
2. On page one of the Request for Proposal the contract term has changed to December 31, 2026 w/ 1 yr option to extend.
3. The attachments for revised documents are provided in “tracked changes” format to show all additions, deletions, modifications, and updates.

SPECIFICATIONS

1. **REPLACE** Request for Proposals, Page 1 with the attached revised Request for Proposals, Page 1 document.
2. **INSERT** the attached Specification Section 001116 - Invitation to Bid to the specifications.
3. **INSERT** the attached Specification Section 002113 – Instructions to Bidders to the specifications.
4. **INSERT** the attached Specification Section 004100 – Bid Form to the specifications.

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5. **REPLACE** Specification Section 01010 – Summary of Work document in its entirety with the attached revised Specification Section 01010 – Summary of Work document.
6. **REPLACE** Specification Section 01025 – Measurement and Payment in its entirety with the attached revised Specification Section 01025 – Measurement and Payment document.
7. **INSERT** the attached Specification Appendix A (Initial Address List) to the specifications.

-END OF ADDENDUM NO. 1-



BOARD OF CONTRACT AND SUPPLY
CITY OF PROVIDENCE, RHODE ISLAND

REQUEST FOR PROPOSALS

Item Description: LEAD SERVICE LINE REPLACEMENT PROGRAM

(Contract Through **December 31, 2026 (w/ 1 year extension option)**)

Procurement/Minute Traq #: Click or tap here to enter text.

Date to be opened: 2:15 P.M. ON 01/27/2025

Issuing Department: Providence Water Supply Board

QUESTIONS

- Please direct questions related to the bidding process, how to fill out forms, and how to submit a bid (Pages 1-11) to the Purchasing Department.
 - Email: purchasing@providenceri.gov
 - Please use the subject line “**Solicitation Question**”
- Please direct questions relative to the Minority and Women’s Business Enterprise Program and the corresponding forms (Pages 12-13) to the MBE/WBE Outreach Director for the City of Providence, Grace Diaz
 - Email: gdiaz@providenceri.gov
 - Please use subject line “**MBE WBE Forms**”
- Please direct questions relative to the specifications outlined (beginning on page 14) to the issuing department’s subject matter expert:
 - Name: **Michael DiNobile**
 - Title: **Project Manager**
 - Email Address: michaeld@provwater.com

Pre-bid Conference

NO PRE-BID CONFERENCE WILL BE HELD FOR THIS PROJECT.

PLEASE SUBMIT ANY AND ALL QUESTION IN WRITING TO THE ABOVE REFERENCED SUBJECT MATTER EXPERT NO LATER THAN 1/17/2025.

Deadline for questions submissions: 01/17/2025



**PROVIDENCE WATER
LEAD SERVICE LINE REPLACEMENT PROGRAM
PROJECT NO. 20173**

INVITATION TO BID

On behalf of the Providence Water Supply Board (Owner), the City of Providence and its Board of Contract and Supply is accepting Sealed Bids for construction of the Lead Service Line Replacement Program. Sealed Bids will be received by the City of Providence Board of Contract and Supply at the location and until the date and time indicated in the City of Providence, Rhode Island Board of Contract and Supply Request for Proposals included in these Specifications, and at that time bids will be publicly opened and read aloud.

The Work of this Project generally includes replacing lead service lines within the Owner's retail water service area in the Cities of Providence, Cranston, Johnston, North Providence, and Smithfield, Rhode Island. Bidders are requested to provide unit rate bid prices for replacing public and private side lead service lines (water main to curb stop and/or curb stop to water meter) and other items associated with lead service line replacements, along with their qualifications to perform the Work of replacing lead service lines. The intent of this Project is that the Owner may make awards to multiple contractors based on meeting the required qualifications specified herein and based on the evaluation of the submitted unit bid prices.

The Work of this Project generally consists of replacing existing lead service lines at approximately 500 locations involving full replacements (public side (water main to curb stop) and private side (curb stop to water meter) side), public side only (water main to curb stop) replacements, private side only (curb stop to the water meter), and public side only (water main to curb stop) replacements. This work shall include, but is not limited to, replacing existing lead service lines with new corporation stops, curb stops, curb boxes, copper service tubing, adapters and fittings, connecting new private service lines to curb stops and water meters in buildings and performing all Work in accordance with all applicable codes, all necessary appurtenances and incidentals, all required surface restoration, and all other related and incidental work required and as specified for the successful completion of the Work and Project. The construction methods will be trenchless, pulling, or, when specified at the direction of the Owner, open cut. The Contractor shall provide all materials, equipment, tools, labor, services, appurtenances, and incidentals to complete all Work as required and as specified. All work on private property is contingent upon approval by each respective property owner and signed agreements between the individual property owners and Owner (Providence Water).

The Contract Time for this Project shall be as indicated in the City of Providence, Rhode Island Board of Contract and Supply Request for Proposals included in these Specifications, commencing as specified in the Standard General Conditions of the Construction Contract, as amended and/or modified by the Supplementary Conditions.

To obtain and/or examine Contract Documents, including any required deposits and fees for obtaining Contract Documents, refer to the City of Providence, Rhode Island Board of Contract and Supply Request for Proposals included in these Specifications.

Details for any pre-bid conference, where representatives of the Owner will review and discuss the Project and Work, are included in the City of Providence, Rhode Island Board of Contract and Supply Request for Proposals included in these Specifications.



Each Bid shall be submitted in accordance with the City of Providence, Rhode Island Board of Contract and Supply Request for Proposals included in these Specifications and the Instructions to Bidders and shall be accompanied by a Bid Security in an amount as specified.

Bidders may not withdraw their Bids for a period of 60 days after the actual date of the opening of the Bids.

The Successful Bidder(s) must furnish a Performance Bond and Payment Bond, as specified in the City of Providence, Rhode Island Board of Contract and Supply Request for Proposals included in these Specifications, with a surety company acceptable to the Owner, as well as all required Certificates of Insurance.

Complete instructions for filing Bids are included in the City of Providence, Rhode Island Board of Contract and Supply Request for Proposals and Instructions to Bidders.

The work of this Contract shall comply with the State of Rhode Island General Laws (RIGL) Chapter 37. Prevailing wage rates under the provision of RIGL Chapter 37-13 apply to this project in accordance with United States Department of Labor under the Davis-Bacon Act. RIGL Chapter 37-14.1, RIGL Chapter 37-2.2 and RICR 220-RICR-80-10-2 apply to this project.

This project is subject to the requirements of the Rhode Island Drinking Water State Revolving Fund (DWSRF) Program as administered by the Rhode Island Department of Health (RIDOH) Office of Drinking Water Quality. Reference is made to the RIDOH DWSRF Program requirements bound within the appendices of the Contract Specifications, which include but are not limited to the American Iron and Steel (AIS), Build America Buy America Act (BABAA), and Disadvantaged Business Enterprise (DBE) requirements. Bidders must complete and submit with their bids Disadvantaged Business Enterprise (DBE) participation forms as included in the Bid Documents with a participation requirement of 10%.

This agreement is for services related to a project that is subject to the Build America, Buy American Act (BABAA) requirements under Title IX of the Infrastructure Investment and Jobs Act ("IIJA"), Pub. L. 177-58. Absent an approved waiver, all iron, steel, manufactured products, and construction materials used in this project must be produced in the United States, as further outlined by the Office of Management and Budget's Memorandum M-22-11, Initial Implementation Guidance on Application of Buy America Preference in Federal Financial Assistance Programs for Infrastructure, April 18, 2022.

The Owner reserves the right to waive any informality in or to reject any or all Bids if deemed to be in its best interest.

PROVIDENCE WATER SUPPLY BOARD
CITY OF PROVIDENCE, RHODE ISLAND



**PROVIDENCE WATER
LEAD SERVICE LINE REPLACEMENT PROGRAM
PROJECT NO. 20173**

INSTRUCTIONS TO BIDDERS

ARTICLE 1. DEFINITIONS & TERMINOLOGY

- 1.1 Definitions and terms used in these Instructions to Bidders, Specifications, and Contract Documents will have the meanings defined in the Standard General Conditions of the Construction Contract and Supplementary Conditions of these Specifications.
- 1.2 Definitions and terms shall have the additional meanings indicated below, which are applicable to both the singular and plural thereof:
- A. Contractor / General Contractor: The individual or entity with whom the Owner enters into an Agreement to perform the Work of the Project.
 - B. Bidder: The individual, firm, or entity who submits a Bid to perform the Work of the Project as Contractor / General Contractor.
 - C. Issuing Office: The office issuing the Bidding Documents, the City of Providence Purchasing Department, Providence City Hall, 25 Dorrance Street, Providence, Rhode Island.
 - D. Owner: Providence Water Supply Board (Providence Water), the administrator of this Contract and Work of the Project, through and in conjunction with the City of Providence and its Board of Contract and Supply.
 - E. Owner's Representative: A representative designated and authorized by the Owner to act on the Owner's behalf with respect to the Contract, Project, and Work, who may include but not be limited to Advisors, Architectural and/or Engineering Consultants, Construction Managers, and/or Resident Project Representatives who are contracted by the Owner to represent and act on Owner's behalf.
 - F. Successful Bidders: The qualified and responsible Bidders on the basis of qualifications and submitted unit bid prices, whose Bid is deemed to be responsible, eligible, responsive and that possess the necessary skill, ability, experience, qualifications, and integrity necessary to the faithful performance of the Work and whose Bid represents the best value and is in the best interests of the Owner to whom Owner on the sole basis of Owner's evaluation makes an award for the Work. The Owner may elect to exclude some of the Supplementary Bid Items based on funds available. The Supplementary Bid Items are at the discretion of the Owner and may not be included in the contract. Such a Bidder shall possess the skill, ability, and integrity necessary for the faithful performance of the work and shall meet the required minimum qualifications specified herein. The terms "lowest responsible and eligible Bidder" or "lowest qualified and responsible bidder" if used herein and elsewhere in the Contract Documents shall have the same meaning as "Successful Bidder".



- G. Work: Denotes any and all required activities under this Contract and Project, regardless of its nature.

ARTICLE 2. QUALIFICATIONS OF BIDDERS

2.1 General

- A. Bidders may be investigated by Owner to determine if they are qualified to perform the Work. In addition to the information required to be submitted with the Bid, all Bidders shall be prepared to submit within five days of Owner's request, written evidence of such additional information and data necessary to make this determination. Additional information may include, but is not limited to, experience, qualifications, references for past and other current work, performance on other projects, compliance with contract documents on other projects, compliance with required schedules on other work, health and safety performance, administrative and management performance, present work commitments, equipment available for this Work, financial data and capacity, bonding capacity and information, insurance information, information on previous claims against, and any and all other such data as Owner requests.
- B. The investigation of a Bidder will seek to determine whether the organization is adequate in size, is authorized to do business in the jurisdiction where the project is located, is qualified, has had previous experience and whether available equipment and financial resources are adequate to assure Owner that the Work will be completed in accordance with the terms of the Contract Agreement. The amount of other work to which the Bidder is committed may also be considered.
- C. In evaluating Bids, Owner will consider the qualifications of only those Bidders whose Bids are in compliance with the prescribed requirements.
- D. Bidders shall completely and truthfully respond to and provide all information requested by the Contract Documents and by the Owner. Failure of a Bidder to provide all requested information may, at the Owner's discretion, render a Bid being considered non-responsive and rejected.
- E. Owner requests Bids from Contractors that specialize in the water main construction and rehabilitation method(s) specified in the Contract Documents and that meet the minimum qualifications defined herein. It is the intent of these Contract Documents that that Bidder who submits a Bid as the Prime/General Contractor must meet the minimum qualification requirements specified herein for the project's specified water main construction and/or rehabilitation method. The Bid of a Bidder who does not meet the minimum qualification requirements will be considered non-responsive and will be rejected.
- F. Bidder shall provide information on the experience of the firm, the experience of the personnel who will oversee and perform the work, and on the equipment and materials (e.g., temporary bypass piping) to be used to perform the Work. The experience of personnel with any other contractor, company or firm does not qualify the Bidder; the experience to meet these qualifications must be with the Contractor bidding the project



as Bidder. The Owner reserves the right to reject individual crew leaders and/or any personnel due to inadequate experience or unsatisfactory or poor performance.

- G. Bidders must have experience working around congested underground utilities, coordinating with utility owners and agencies, and performing required temporary and subsequent final/permanent surface restoration on both public and private property.
- H. Bidder shall describe any work that will be subcontracted as required in Section 00 43 36 – Proposed Subcontractors and Suppliers.
- I. Owner reserves the right to reject any Bid if the evidence submitted by or the investigation of such Bidder fails to satisfy Owner that such Bidder is properly qualified and/or capable to carry out the obligations of the Contract Documents and to complete the Work specified therein.

2.2 Water Service Line Replacements and Installations

- A. Within the past ten (10) years, Bidder/Contractor and/or Subcontractors must have experience replacing at least 500 existing full (from water main to inside building) water service lines and lead water service lines and installing new service lines up to 2-inches in size, both in urban and rural areas and on public and private property, including tapping and extracting corporation stops; plugging existing taps; installing new corporation stops; replacing and installing new curb stops and boxes; installing new water service line tubing (including using trenchless construction techniques (e.g., pulling, moling, etc.); installing and connecting water service lines to water meters and plumbing inside buildings, including all associated adapters, fittings and appurtenances in accordance with required plumbing codes; performing associated temporary and permanent surface restoration (restoration of sidewalks, roads, and grass areas); and coordinating and scheduling work with property owners and residents. On the required Bidder Qualifications Forms to be submitted to the Owner with their Bid, each Bidder shall indicate the total number of water service line replacements that they have completed within the past ten (10) years and the city/town.

- 2.3 Bidders must be affiliated with a state or federal registered apprenticeship program as specified in Appendix O.

ARTICLE 3. COPIES OF CONTRACT DOCUMENTS

- 3.1 Complete sets of Contract Documents may be obtained as described in the City of Providence, Rhode Island Board of Contract and Supply Request for Proposals and the Invitation To Bid of these Specifications.
- 3.2 Complete sets of Contract Documents shall be used in preparing Bids; Owner does not assume any responsibility for errors or misinterpretations resulting from the use of incomplete sets of Contract Documents.
- 3.3 The Owner makes copies of Contract Documents available solely for the purpose of obtaining Bids on the Work. This does not confer a license or grant for any other use.

ARTICLE 4. CONTRACT DOCUMENTS AND PROJECT SITE(S)



- 4.1 The Project Site(s) may be identified in the Contract Documents if available or provided at Owner's discretion. Additional areas or land and access thereto for temporary construction facilities, construction equipment, or storage of equipment and materials for the Work are to be obtained and paid for by the Contractor. Easements for permanent changes in existing facilities are to be obtained and paid for by the Owner unless otherwise provided in the Contract Documents.
- 4.2 Before submitting a Bid, each Bidder must (1) examine the Contract Documents thoroughly, (2) visit the site(s) to become familiar with local conditions that may in any manner affect cost, progress or performance of the Work, (3) become familiar with Federal, State and local laws, ordinances, rules and regulations that may in any manner affect cost, progress or performance of the Work; and (4) study and carefully correlate Bidder's observations with the requirements of the Contract Documents.
- 4.3 Surveys and investigative reports of subsurface or latent physical conditions at the site(s), if any, which have been relied upon by Owner in preparing the Contract Documents are identified in Article 5 of the Supplementary Conditions. Copies of these reports, if available, are included in the Appendices to the Project Manual. These reports are not guaranteed or warranted as to accuracy or completeness, nor are they part of the Contract Documents. Bidder is solely responsible for any interpretation or conclusion that Bidder makes from this information or any other data or information.
- 4.4 Unless otherwise stated in the Contract Documents or on the Drawings, existing site conditions depicted are not based on actual survey and may not show all existing utilities that may be present. Information on existing utilities shown on the Drawings, if any, is based upon information furnished to Owner by others. Owner makes no guarantee or warranty as to the accuracy or completeness of this information. Contractor is responsible for confirming the location of all underground utilities prior to the commencement of construction and prior to any excavation. Contractor is responsible for all underground utilities and structures, whether active or not, and shall continually communicate and coordinate with all respective utility companies and agencies. Contractor is solely responsible to repair any and all damage to existing utilities and structures at Contractor's own expense. Prior to any excavation work, Contractor must contact DigSafe and all utility agencies to mark out the location of underground utilities, structures, and facilities.
- 4.5 Before submitting a Bid, Bidders may, at their own expense, make such additional investigations and tests as they may deem necessary to determine their Bid for performance of the Work in accordance with the time, price and other terms and conditions of the Contract Documents.
- 4.6 Upon request, Owner will provide each Bidder access to the site(s) to conduct such examinations, investigations, explorations, studies, and tests as each Bidder deems necessary for the submission of a Bid. Bidder shall provide Owner with a minimum of 72 hours of notice for any such investigative work. For work on private property, Bidder shall contact Owner for access to the site(s). Bidder is not to contact private property owner directly. Bidder shall fill all holes, clean up, and restore the site(s) to original condition following completion of such work.



- 4.7 The lands upon which the Work is to be performed, right-of-ways for access thereto and other lands designated for use by Contractor in performing the Work are identified in the Supplementary Conditions, General Requirements, and/or on the Drawings or otherwise in the Contract Documents.
- 4.8 Prior to the submission of a Bid, Bidders shall promptly give written notice to the Owner of any conflict, error, ambiguity, and/or discrepancy in the Contract Documents and Bidders bear full responsibility for determining that Owner's written resolution by formal written Addenda is acceptable to the Bidder.
- 4.9 The submission of a Bid will constitute an incontrovertible representation that the Bidder has complied with every requirement of this Article and these Contract Documents; that no additional examinations, investigations, explorations, studies, or tests are needed; that the Contract Documents are sufficient in scope and detail to indicate and convey understanding of all terms and conditions for performance of the Work; and that the Bidder provided written notice of any conflict, error, ambiguity, and/or discrepancy in the Contract Documents and that Owner's written resolution by formal written Addenda is acceptable to the Bidder.
- 4.10 Representatives of Federal, State and local agencies having a direct interest in the Work shall have access to the Work wherever it is in preparation or progress and the Contractor shall provide proper facilities for such access and inspection.

ARTICLE 5. INTERPRETATIONS AND ADDENDA

- 5.1 All questions about the meaning or intent of the Contract Documents shall be received in writing by the Owner, as described in the City of Providence, Rhode Island Board of Contract and Supply Request for Proposals and the Invitation to Bid of these Specifications.
- 5.2 Written clarifications or interpretations will be issued by Addenda not later than five days before the bid opening date. Only questions answered by formal written Addenda will be binding. Oral and other clarifications or interpretations will be without legal effect. Addenda will be issued by delivery service with delivery confirmation and/or transmitted electronically to all parties recorded as having received the Contract Documents.
- 5.3 Bidders are responsible for determining that they have received all Addenda issued.

ARTICLE 6. PRE-BID CONFERENCE

- 6.1 If a pre-bid conference is to be held for this project where representatives of the Owner will review and discuss the project, the date, time, and place of the pre-bid conference will be specified in the City of Providence, Rhode Island Board of Contract and Supply Request for Proposals and/or Invitation to Bid of these Specifications. The proceedings of any pre-bid conference will be issued by a formally written Addenda.

ARTICLE 7. BID SECURITY

- 7.1 Each Bid must be accompanied by Bid Security payable to Owner as indicated in the City of Providence, Rhode Island Board of Contract and Supply Request for Proposals and/or



Invitation To Bid of these Specifications. Bid Security shall be sealed in a separate envelope from the Bid and then attached to the envelope containing the Bid. All Bid Securities will be returned on the execution of the Agreement or if no award is made, no later than 90 days after the actual date of opening of the Bids, unless forfeited under the conditions herein stipulated.

- 7.2 In case a party to whom a Contract is awarded shall fail or neglect to execute the Agreement and furnish the satisfactory bonds, insurance and documents within the time specified, Owner may determine that the Bidder has abandoned the Contract, and thereupon the Bid Forms and acceptance shall be null and void and the Bid Security accompanying the Bid Form shall be forfeited to Owner as liquidated damages for such failure or neglect and to indemnify said Owner for any loss which may be sustained by failure of the Bidder to execute the Contract Agreement and furnish the bonds as aforesaid, provided that the amount forfeited to Owner shall not exceed the difference between the Bid Price of said Bidder and that of the next lowest responsible and eligible bidder and provided further that, in case of death, disability, or other unforeseen circumstances affecting the Bidder, such Bid Security may be returned to the Bidder. After execution of the Agreement and acceptance of the bonds by Owner, the Bid Security accompanying the Bid Form of the Successful Bidder will be returned.

ARTICLE 8. PERFORMANCE, PAYMENT AND OTHER BONDS

- 8.1 Performance, Payment and other Bonds shall be provided in accordance with Article 6 of the General Conditions of the Contract.
- 8.2 All Bonds required as Contract Security shall be furnished with/for the executed Contract Agreement.

ARTICLE 9. TAX EXEMPTION

- 9.1 Owner is exempt from sales tax on materials and equipment permanently incorporated into the Work. A sales tax exemption certificate will be made available by Owner upon request. The cost of such taxes shall not be included in any Bid.

ARTICLE 10. CONTRACT TIME

- 10.1 The Contract duration and the time that the Work and Project must be completed is set forth in the Invitation to Bid, Bid Form, and/or Contract Agreement.

ARTICLE 11. LIQUIDATED DAMAGES

- 11.1 Any work taking place after the contract completion date will be subject to liquidated damages at a rate of \$2,000 for each day beyond the schedule.
- 11.2 Additional provisions for liquidated damages, if any, are set forth in the Invitation to Bid, Bid Form, and/or Agreement.

ARTICLE 12. SUBCONTRACTORS, SUPPLIERS, APPRENTICE UTILIZATION & LOCAL HIRING



- 12.1 If the Bid Form requires the listing of proposed subcontractors and/or suppliers, the Bidder shall provide the names and requested information for all subcontractors and/or suppliers whose prices the Bidder used in preparing the Bid and/or who Bidder knows to intend to enter into agreements with to participate in any portion of the Work. Failure to provide such requested information may, at the Owner's sole discretion, result in the Bid being considered non-responsive and rejected.
- 12.2 If the Contract Documents require the identity of subcontractors, suppliers, individuals, or entities to be submitted to Owner prior to the executed date of the Contract Agreement or prior to their participation in the Work, the Successful Bidder, and any other Bidder so requested, shall within five (5) days after the Bid opening or at other such time requested by the Owner or stated in the Contract Documents submit to Owner a list of all such subcontractors, suppliers, individuals, or entities proposed for stated portions of the Work. Such list shall be accompanied by an experience statement with pertinent information regarding similar projects and other evidence of qualification for each such subcontractor, supplier, individual, or entity if requested by Owner. If the Owner, after due investigation, has reasonable objection to any proposed subcontractor, supplier, individual, or entity, Owner may request Successful Bidder to submit a substitute in which case Successful Bidder shall submit an acceptable substitute.
- 12.3 Bidder shall not be required to employ any subcontractor, supplier, individual, or entity against whom Bidder has reasonable objection.
- 12.4 This Contract is subject to the requirements of the following sections of the Providence Code of Ordinances: Section 21-28.1 – "Qualifications for parties doing business with the City"; Section 2-169.1 – "Local Hiring (First Source)." Refer to "Apprentice Utilization, Local Hiring Requirements, & Air Quality Protocols" included with these Specifications.

ARTICLE 13. MANUFACTURER'S EXPERIENCE, SUBSTITUTES & "EQUAL" ITEMS

- 13.1 Wherever it may be written that an equipment or product manufacturer must have a specified period of experience with its product, equipment and/or products which do not meet the specified experience period can be considered if the supplier or manufacturer is willing to provide a bond or cash deposit for the duration of the specified time period which will guarantee replacement of that equipment in the event of failure. Such bond shall be an Efficiency Guarantee Bond, executed on forms to be approved by the Owner.
- 13.2 The Contract, if awarded, will be on the basis of materials and equipment specified or described in the Contract Documents, including any Addenda issued prior to the receipt of Bids. The materials and equipment described in the Contract Documents establish a standard of required type, function, quality, and performance to be met by any proposed substitute or "equal" item. Whenever it is specified or described in the Contract Documents that a substitute or "equal" item of material or equipment may be furnished or used by the Contractor if acceptable to the Owner, application for such acceptance will not be formally considered by the Owner until after the execution date of the Agreement. The procedure for submission of any such application by the Contractor and consideration by the Owner is set forth in the Contract Documents. The burden of proof of the merit of a proposed substitute or "equal" item is solely upon the Bidder/Contractor, and the Owner's decision of approval or disapproval will be final. The Bidder shall not rely on any assumption of approval by the Owner in preparing their Bid.



- 13.3 Any request for substitute or “or equal” shall include the Manufacturer’s Certification of compliance with the Build America, Buy America Act (BABAA) requirements mandated by Title IX of the Infrastructure Investment and Jobs Act (“IIJA”), Pub. L. 177-58.

ARTICLE 14. LAWS, REGULATIONS, ORDINANCES, REQUIREMENTS, PERMITTING & WAGE RATES

- 14.1 The language of all applicable Federal, State, and local laws, regulations, and ordinances shall be deemed to be incorporated into this Contract herein by reference. Bidders shall be familiar with and comply with all applicable laws, regulations, ordinances, and requirements that may in any way affect the cost, progress, and/or performance of the Work and the price submitted with their Bids. Bidders assume full responsibility for full compliance with all applicable Federal, State, and local laws, regulations, ordinances, and requirements.
- 14.2 Applicable provisions of the State of Rhode Island General Laws and/or the United States Code and Code of Federal Regulations govern this Contract and any provision in violation of the foregoing shall be deemed null, void, and of no effect. Where conflict between the Code of Federal Regulations and State Laws exist, the more stringent shall apply.
- 14.3 The work of this Contract shall specifically comply with RIGL Chapter 37, RICR 220-RICR-80-10-2, EPA 2 CFR Part 200 and 40 CFR Part 33.
- 14.4 Bidder must comply with all Federal, State, and local permitting requirements applicable to the Work.
- 14.5 By the submission of a Bid, the Bidder represents to the Owner that the Bidder is in full compliance with and will comply with all such requirements specified herein.

ARTICLE 15. BID FORM

- 15.1 Each Bid shall be submitted on the Bid Form included in the Contract Documents. Additional copies of the Bid Form may be appended to the Project Manual. The Bid Form shall be removed and submitted separately. All blank spaces for Bid prices must be filled in with the unit price for the item or the lump sum for which the Bid is made.
- 15.2 Bid Forms shall be completed in ink or by typewriter. The Bid price of each item on the form shall be stated in words and figures. If unit prices are required on the Bid Form, discrepancies between unit prices and their respective total amounts will be resolved in favor of the unit prices. Discrepancies between words and figures will be resolved in favor of words. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum.
- 15.3 Bids by corporations shall be executed in the corporate name by the president or a vice-president (or other corporate officer accompanied by evidence of authority to sign) and the corporate seal shall be affixed and attested by the secretary or an assistant secretary. The corporate address and state of incorporation shall be shown below the signature.



- 15.4 Bids by Limited Liability Companies shall be executed in the Limited Liability name by the Manager (or other Limited Liability Company officer/representative accompanied by evidence of authority to sign). The Limited Liability Company address and state where the Limited Liability Company was formed shall be shown below the signature.
- 15.5 Bids by partnerships shall be executed in the partnership name and signed by a partner, whose title shall appear under the signature. The official address of the partnership shall be shown below the signature.
- 15.6 Bid Forms shall be signed and executed in ink.
- 15.7 All names shall be typed or printed below the signature.
- 15.8 The Bid shall contain an acknowledgement of receipt of all Addenda (the numbers of which shall be filled in on the Bid Form).
- 15.9 The address and phone number to which communications regarding the Bid are to be directed shall be shown.
- 15.10 The Bid shall include evidence of Bidder's authority and qualifications to do business in the State of Rhode Island. Bidder's State of Rhode Island contractor license number(s) shall be shown on the Bid Form or otherwise provided with the Bid.
- 15.11 The Bid and Bid Forms shall be submitted with all required forms and information, including but not limited to all City of Providence forms and information, Bidder's Qualifications Forms, MBE/WBE/DBE Forms and Proposed Subcontractors & Suppliers. Failure to submit required forms and information may result in rejection of a Bid.

ARTICLE 16. RECEIPT OF BIDS

- 16.1 Copies of Bids shall be submitted in accordance with the City of Providence, Rhode Island Board of Contract and Supply Request For Proposals, Invitation To Bid, and these Instructions to Bidders of these Specifications. Bids shall be submitted in a sealed opaque envelope bearing on the outside the Bidder's name, address, and the Project Title for which the Bid is submitted. The Bid shall be addressed to and submitted as specified in the City of Providence, Rhode Island Board of Contract and Supply Request For Proposals and Invitation To Bid of these Specifications (If forwarded by mail, Bid and sealed envelope marked as described above shall be enclosed in another envelope with the notation "BID ENCLOSED" on the face and addressed as specified).
- 16.2 Sealed Bids for the Work of this Contract will be received at the time and place indicated in the City of Providence, Rhode Island Board of Contract and Supply Request For Proposals and Invitation To Bid of these Specifications
- 16.3 Owner may consider informal any Bid not prepared and submitted in accordance with the provisions hereof.
- 16.4 It is the responsibility of each individual Bidder to assure that their Bid is in the possession of the responsible official or the designated alternate prior to the stated time



and at the place of the Bid Opening. Owner is not responsible for Bids delayed by mail and/or delivery services, of any nature.

- 16.5 All Bids will remain subject to acceptance for the period of time stated in the Contract Documents. Owner may, at its sole discretion, release any Bid and return any Bid security prior to the end of this period.

ARTICLE 17. MODIFICATION AND WITHDRAWAL OF BIDS

- 17.1 Bids may be modified only by an appropriate document duly executed (in the manner that a Bid must be executed) and delivered to the place where Bids are to be submitted at any time prior to the opening of Bids.
- 17.2 Bids may be withdrawn prior to the scheduled time (or authorized postponement thereof) for the opening of Bids.
- 17.3 Any Bid received after the time and date specified shall not be considered. No Bid may be withdrawn for a period of 60 days, after the actual date of the opening of the Bids.

ARTICLE 18. EVALUATION OF BIDS & BASIS OF AWARD

- 18.1 In evaluating Bids, Owner will consider whether or not Bids comply with the prescribed requirements herein, pricing, and other data, as may be requested in the Bid Form, Advertisement, Request For Proposals, Invitation To Bid, and/or Instructions To Bidders.
- 18.2 Bid evaluation will be based on meeting the required qualifications and the submitted unit bid prices.
- 18.3 In evaluating Bids, Owner will consider the qualifications and experience of Bidders and may also consider the qualifications and experience of subcontractors, suppliers, and other individuals or entities proposed by Bidders for portions of the Work as submitted with the Bid Form.
- 18.4 Owner may conduct such investigations as Owner deems necessary to establish the responsibility, qualifications, experience, capability, and financial ability of Bidders, proposed subcontractors, suppliers, individuals, and/or entities proposed to perform the Work.
- 18.5 Discrepancies on the Bid Form will be resolved as previously specified herein.
- 18.6 Evaluation of Bids and Bidders:
- A. Bids and Bidders will be evaluated based on the following criteria:
1. The qualifications and experience of Bidders as set forth and specified herein and in the Contract Documents.
 2. The Bid Prices (resolved in favor of unit price amounts) submitted on the Bid Form.
 3. The adequacy of the financial resources of Bidders.



4. The ability of Bidder to comply with Article 6 of the Standard General Conditions of the Construction Contract, as amended and/or modified by the Supplementary Conditions.
5. The adequacy and availability of equipment of Bidders.
6. The experience of Bidders and quality of work performed previously on projects for Owner, if any, and on projects of comparable size for other entities.
7. The record of Bidders in accomplishing and completing work on other, similar projects within the required and contractual timeframes.
8. The ability of Bidders to obtain the necessary and required/specified materials for the Work.
9. Consistency with historical pricing of similar and related work.
10. Completeness of the required forms submitted with each bid and confirmation that the Bidder meets the minimum requirements.

ARTICLE 19. AWARD OF CONTRACT

- 19.1 The intent of the Owner is to award to multiple contractors based on meeting the required qualifications and the submitted unit bid prices. Such Bidder(s) shall possess the skill, ability, and integrity necessary for the faithful performance of the Work and shall meet the required minimum qualifications specified herein.
- 19.2 Owner reserves the right to reject any and all Bids, to waive any and all informalities if it is in Owner's best interest to do so, and the right to disregard all nonconforming, non-responsive, unbalanced or conditional Bids.
- 19.3 Owner reserves the right to reject the Bid of any Bidder whom it finds, after reasonable inquiry and evaluation, to be not responsible and/or not meet the required qualifications specified herein and that Owner considers to be unqualified to perform the Work of the Project.
- 19.4 Owner reserves the right to reject the Bid of any Bidder if in Owner's sole opinion would not be in the best interest of the Owner or project to make an award to Bidder.
- 19.5 A Bid which includes for any item a Bid Price that is abnormally low or high may be rejected as unbalanced.
- 19.6 More than one Bid for the same Work or Project from an individual or entity under the same or different names will not be considered. Reasonable grounds for believing that any Bidder has an interest in more than one Bid for the Work may be cause for the disqualification of that Bidder and the rejection of all Bids for which that Bidder has an interest.
- 19.7 In evaluating Bids, Owner will consider whether or not the Bids comply with the specified requirements of the City of Providence, Rhode Island Board of Contract and Supply



Request For Proposals, Invitation To Bid and Instructions To Bidders of these Specifications.

- 19.8 In evaluating Bids, Owner will consider the qualifications and experience of Bidders as specified herein and may also consider the qualifications and experience of any subcontractors, suppliers, and other individuals or entities proposed for portions of the Work as submitted by Bidder with the Bid.
- 19.9 If the Contract is to be awarded, Owner will award the Contract to the Successful Bidder whose bid represents the best interests of the Owner and project and will provide a Notice of Award to the Successful Bidder.
- 19.10 Owner may, at Owner's sole discretion, release any Bid and return the Bid Security at any time.

ARTICLE 20. EXECUTION OF AGREEMENT

- 20.1 When Owner gives a Notice of Award to the Successful Bidder, the Successful Bidder shall deliver the required Bonds, Insurance Certificates and all other applicable Contract Documents to the Owner within the time period specified in the Standard General Conditions of the Construction Contract, as may be amended and/or modified by the Supplementary Conditions. Owner will prepare the Contract Agreement and provide unsigned copies of the Agreement to the Successful Bidder for execution. The Successful Bidder shall execute the Agreement and return it to Owner and Owner shall then execute the Agreement and return copy(ies) of the fully executed Agreement to the Successful Bidder as specified in the Standard General Conditions of the Construction Contract, as may be amended and/or modified by the Supplementary Conditions.
- 20.2 The Contract Agreement provided in these Specifications is a sample of the Contract Agreement to be executed by the Successful Bidder. Owner reserves the right to negotiate contract terms and conditions with the Successful Bidder.

ARTICLE 21. GUARANTEE & WARRANTY

- 21.1 The Contractor guarantees that the Work and Services to be performed under the Contract, and all workmanship, materials, and equipment performed, furnished, used or installed in the construction of the same shall be free from defects and flaws, and shall be performed and furnished in strict accordance with the Drawings, Specifications, and other Contract Documents, that the strength of all parts of all manufactured equipment shall be adequate and as specified, and that the performance test requirements of the Contract Documents shall be fulfilled. Unless otherwise specified in other sections of the Contract Documents or in required permits, this guarantee shall be for a period of one year minimum from and after the date of completion and acceptance of the Work as stated in the final estimate. If part of the Work is accepted in accordance with that subsection of this Agreement titled "Partial Acceptance," the guarantee for that part of the Work shall be for a period of one-year minimum from the date fixed for such acceptance.
- 21.2 If at any time within the said period of guarantee any part of the Work requires repairing, correction or replacement, the Owner may notify the Contractor in writing to make the required repairs, corrections or replacements. If the Contractor neglects to commence



making such repairs, corrections or replacements to the satisfaction of the Owner within seven days from the date of receipt of such notice, or having commenced fails to prosecute such Work with diligence, the Owner may employ other persons to make said repairs, corrections or replacements, and charge the costs, including compensation for additional professional services, to the Contractor.

ARTICLE 22. PAYMENT AND RETAINAGE

22.1 Provisions regarding payments to Contractor and retainage withheld are set forth in the General and Supplementary Conditions and the Contract Agreement. At the Owner's sole discretion, retainage held from prior Applications for Payment may be released at any time.

ARTICLE 23. FEDERAL AND STATE REQUIREMENTS

23.1 This project is subject to the Davis-Bacon Prevailing Wage Requirements, Lead Poisoning Prevention Act (LPPA), Federal Wage Rates, American Iron and Steel (AIS) Requirements, Build America Buy America (BABA) Requirements, EPA DBE Requirements, EPA Debarment and Suspension Requirements, EPA Prohibition on certain Telecommunication and Video Surveillance Requirements, and Rhode Island MBE Utilization Requirements.

PROVIDENCE WATER SUPPLY BOARD
CITY OF PROVIDENCE, RHODE ISLAND

END OF SECTION



**BID FORM
TO
PROVIDENCE WATER
LEAD SERVICE LINE REPLACEMENT PROGRAM
PROJECT NO. 20173**

This Bid is submitted to the City of Providence, Board of Contract and Supply, Department of the City Clerk, Room 311, Providence City Hall, 25 Dorrance Street, Providence, Rhode Island 02903.

The undersigned declares that the only persons or parties interested in this Bid as principals are as stated; that the Bid is made without any collusion with other persons, firms, or corporations; that all the Contract Documents dated December 2024 have been carefully examined; that the undersigned is fully informed in regard to all conditions pertaining to the Work and the places where it is to be done, and from them the undersigned makes this Bid. These prices shall cover all expenses incurred in performing the Work required under the Contract Documents, of which this Bid Form is a part.

If a Notice of Award accompanied by unsigned copies of the Agreement and all other applicable Contract Documents is delivered to the undersigned after the actual date of the opening of the Bids, the undersigned, in accordance with the Standard General Conditions of the Construction Contract as amended and/or modified by the Supplementary Conditions, will execute and return all copies of the Agreement and all other applicable Contract Documents to Owner. The premiums for all Bonds and Insurance required shall be paid by Contractor and shall be included in the Contract Prices. The undersigned Bidder further agrees that the Bid Security accompanying this Bid shall become the property of Owner if the Bidder fails to execute the Agreement as stated above.

The undersigned hereby agrees to fully complete the Work within the times specified in the Contract Documents and in the Agreement.

The undersigned acknowledges receipt of addenda numbered:

In accordance with the above understanding, the undersigned proposes to perform the Work, furnish all materials and complete the Work in its entirety in the manner and under the conditions required at the prices listed as follows:

**PROVIDENCE WATER
LEAD SERVICE LINE REPLACEMENT PROGRAM
PROJECT NO. 20173**

BID FORM

<u>ITEM NO.</u>	<u>ESTIMATED QUANTITY</u>	<u>BRIEF DESCRIPTION OF ITEMS WITH UNIT BID PRICE IN WORDS</u>	<u>UNIT BID PRICE IN FIGURES</u>	<u>AMOUNT IN FIGURES</u>
1A.1	10 each	Lead Service Line Replacement - Public Side Only (Water Main to Curb Stop) <hr/> each	<hr/> \$ <hr/>	<hr/> \$ <hr/>
1A.2	10 each	Lead Service Line Replacement - Public Side Partial (Water Main to Curb Stop) <hr/> each	<hr/> \$ <hr/>	<hr/> \$ <hr/>
1B	130 each	Lead Service Line Replacement - Public Side Portion of a Full Replacement (Water Main to Curb Stop) <hr/> each	<hr/> \$ <hr/>	<hr/> \$ <hr/>
1C	60 each	Test Pit at Curb Stop <hr/> each	<hr/> \$ <hr/>	<hr/> \$ <hr/>
1D.1	180 each	New Curb Box <hr/> each	<hr/> \$ <hr/>	<hr/> \$ <hr/>
1D.2	15 each	New Curb Stop Valve <hr/> each	<hr/> \$ <hr/>	<hr/> \$ <hr/>
1E	60 each	Long Side Replacement <hr/> each	<hr/> \$ <hr/>	<hr/> \$ <hr/>
1F	170 CY	Lead Service Line Excavation Greater Than Five (5) Feet <hr/> per cubic yard	<hr/> \$ <hr/>	<hr/> \$ <hr/>

**PROVIDENCE WATER
LEAD SERVICE LINE REPLACEMENT PROGRAM
PROJECT NO. 20173**

BID FORM

ITEM NO.	ESTIMATED QUANTITY	BRIEF DESCRIPTION OF ITEMS WITH UNIT BID PRICE IN WORDS	UNIT BID PRICE IN FIGURES	AMOUNT IN FIGURES
1G	250 SY	Final Trench Pavement Restoration (Infra-red) _____ per square yard	\$ _____	\$ _____
1H	1000 SY	Final Trench Pavement Restoration (Milling and Paving) _____ per square yard	\$ _____	\$ _____
1I	3,500 SY	Final Pavement (Curb-to-curb) _____ per square yard	_____	\$ _____ -
1J	\$ 100,000.00 ALLOWANCE	Uniformed Police Traffic Control _____ One hundred thousand and zero cents allowance	\$ 100,000.00	\$ 100,000.00
1K	\$ 100,000.00 ALLOWANCE	Flaggers for Traffic Control _____ One hundred thousand and zero cents allowance	# \$ 100,000.00	\$ 100,000.00
1L	\$ 20,000.00 ALLOWANCE	Utility Provisions _____ Twenty thousand dollars and zero cents allowance	\$ 20,000.00	\$ 20,000.00
2A	340 each	Lead Service Line Replacement - Private Side Only (Curb Stop to Meter) - _____ each	\$ _____	\$ _____
2B	130 each	Lead Service Line Replacement - Private Side Portion of a Full Replacement (Curb Stop to Meter) - _____ each	\$ _____	\$ _____

**PROVIDENCE WATER
LEAD SERVICE LINE REPLACEMENT PROGRAM
PROJECT NO. 20173**

BID FORM

<u>ITEM NO.</u>	<u>ESTIMATED QUANTITY</u>	<u>BRIEF DESCRIPTION OF ITEMS WITH UNIT BID PRICE IN WORDS</u>	<u>UNIT BID PRICE IN FIGURES</u>	<u>AMOUNT IN FIGURES</u>
2C	65 each	Access Not Provided <hr/> each	<hr/> \$	<hr/> \$
2D	10 each	Reduced Pressure Zone (RPZ) Backflow Preventer <hr/> each	<hr/> \$	<hr/> \$
3A	5 each	Lead Service Line Replacement - Commercial - Private Side Only (Curb Stop to Meter) <hr/> each	<hr/> \$	<hr/> \$
3B	5 each	Lead Service Line Replacement - Commercial - Private Side Portion of a Full Replacement (Curb Stop to Meter) <hr/> each	<hr/> \$	<hr/> \$

TOTAL BASE BID PRICE IN WORDS (Items 1A-3B)

UNIT PRICE BID

TOTAL BASE BID PRICE IN FIGURES (Items 1A-3B)

UNIT PRICE BID

*Transfer Total Base Bid plus Supplemental in words and figures to Section 001000 Bid Form 1 Bidders Blank (Page 7 of 18) under "Total Amount in Writing and Total Amount in Figures."

**PROVIDENCE WATER
LEAD SERVICE LINE REPLACEMENT PROGRAM
PROJECT NO. 20173**

BID FORM

<u>ITEM NO.</u>	<u>ESTIMATED QUANTITY</u>	<u>BRIEF DESCRIPTION OF ITEMS WITH UNIT BID PRICE IN WORDS</u>	<u>UNIT BID PRICE IN FIGURES</u>	<u>AMOUNT IN FIGURES</u>
S-1A	100 CY	Imported Common Fill _____ per cubic yard	\$ _____	\$ _____
S-1B	40 CY	Crushed Stone _____ per cubic yard	\$ _____	\$ _____
S-1C	20 CY	Flowable Fill _____ per cubic yard	\$ _____	\$ _____
S-2	40 CY	Miscellaneous Concrete _____ per cubic yard	\$ _____	\$ _____
S-3	\$ 300,000.00 ALLOWANCE	Miscellaneous Work at Direction of the Owner _____ Three hundred thousand dollars and zero cents allowance	\$ 300,000.00	\$ 300,000.00
TOTAL SUPPLEMENTAL PRICE IN WORDS (S-1A through S-3)			_____ UNIT PRICE BID	
TOTAL SUPPLEMENTAL PRICE IN FIGURES (S-1A through S-3)			_____ UNIT PRICE BID	
TOTAL BASE BID PRICE PLUS SUPPLEMENTAL PRICE IN WORDS			_____ UNIT PRICE BID	
TOTAL BASE BID PRICE PLUS SUPPLEMENTAL PRICE IN FIGURES			_____ UNIT PRICE BID	

*Transfer Total Base Bid plus Supplemental in words and figures to Section 001000 Bid Form 1 Bidders Blank (Page 7 of 18) under "Total Amount in Writing and Total Amount in Figures."



The undersigned agrees that extra work, if any, will be performed in accordance with Article 11 of the Conditions of the Contract and will be paid for in accordance with Article 12 of the Conditions of the Contract.

The undersigned agrees to furnish Performance and Payment Bonds as specified with a surety company acceptable to the Owner.

Amounts shall be shown in both words and figures, where indicated. In case of discrepancy, the amount shown in words will govern.

The above prices shall include all labor, materials, bailing, shoring, removal, overhead, profit, insurance and incidentals required to complete the Work.

The undersigned acknowledges that (1) they have examined the Contract Documents thoroughly, including all the requirements specified in the Request For Proposals, Invitation to Bid and Instructions to Bidders; (2) they have had the opportunity to visit the site(s) to become familiar with local conditions that may in any manner affect cost, progress or performance of the Work; (3) they are familiar with all Federal, State and local laws, ordinances, rules and regulations that may in any manner affect cost, progress or performance of the Work; and (4) they have studied and carefully correlated Bidder's observations with the requirements of the Contract Documents.

The undersigned acknowledges that they have had the opportunity to make additional investigations and tests as they may deem necessary to determine their Bid for performance of the Work in accordance with the time, price and other terms and conditions of the Contract Documents.

The undersigned acknowledges they are familiar with all laws and regulations that may affect cost, progress, and performance of the work, including BABAA requirements.

The undersigned agrees that the submission of this Bid is an incontrovertible representation that the Bidder has complied with every requirement of this Article and these Contract Documents; that no additional examinations, investigations, explorations, studies, or tests are needed; that the Contract Documents are sufficient in scope and detail to indicate and convey understanding of all terms and conditions for performance of the Work; and that the Bidder provided written notice of any conflict, error, ambiguity, and/or discrepancy in the Contract Documents and that Owner's written resolution by formal written Addenda is acceptable to the Bidder.



The undersigned acknowledges that they have submitted the following with this Bid and with their Bid Forms of this Section and further that it is their sole responsibility to confirm that they have submitted all required forms and/or information with their Bid whether or not it is listed herein (failure to submit all required information may result in rejection of a Bid):

1. Bid Form 1: Bidder's Blank as the cover/first page.
2. Bid Form 2: Certification of Bidder as the second page.
3. Bid Form 3: Certificate Regarding Public Records as the third page.
4. Bid Form 4: Affidavit of City Vendor as the fourth and fifth page.
5. Bid Form 5: Bidder Certification, Performance of the Work as the sixth page.
6. Forms from the Minority and Women Business Enterprise Program.
7. Certificate of State Approved Apprenticeship Program
8. Completed Bid Forms from this Section with Bid prices for each item stated in words and figures; acknowledgement of receipt of all Addenda; signed and executed City of Providence, Rhode Island Board of Contract and Supply signature page; and with included evidence of Bidder's authority to do business in the State of Rhode Island and Bidder's Rhode Island contractor license number(s).
9. Bid Security in a separate envelope from the Bid and then attached to the envelope containing the Bid.
10. Completed forms from Section 00 43 36 – Proposed Subcontractors & Suppliers, with supporting documentation as required.
11. Completed forms from Section 00 45 13 – Bidder's Qualifications, with supporting documentation as required.

Bids will remain subject to acceptance for 60 days after the Bid opening, or for such longer time period that Bidder may agree to in writing upon request of the Owner.

The names and residences of all persons and parties interested in the foregoing Bid as principals are as follows:

(Give first and last names in full. See Bid Form Article in the Instructions to Bidders.)

The undersigned hereby certifies that they are able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the Work.

The undersigned hereby certifies under the penalties of perjury that this Bid is in all respects bona fide, fair and made without collusion or fraud with any other person. As used in this section, the word "person" shall mean any natural person, joint venture, partnership, corporation, or other business or legal entity.



BOARD OF CONTRACT AND SUPPLY
CITY OF PROVIDENCE, RHODE ISLAND

BID FROM:

Company Name: _____

(SEAL)

If incorporated, State of Incorporation: _____

Date of Incorporation: _____

Type of Business (from incorporation papers): _____

By: _____

(Signature - attach evidence of authority to sign if not an individual submitting Bid)

Name (typed or printed): _____

Title: _____

Date: _____

Business Address: _____

Phone No. _____ Fax No. _____

Bidder State of Rhode Island License Information:

License No.

Type of License/Trade Licensed

SECTION 01010
SUMMARY OF WORK

PART 1 GENERAL

1.01 LOCATION OF WORK

- A. The Work Area of this Contract is defined as within the Owner's distribution system, including service lines located within the City of Providence, Cranston, Johnston, North Providence, and Smithfield, Rhode Island. ~~The Work Area is defined as the area shown in the Project Area Map in the appendices of the Project Manual.~~ A list of initial approved addresses for lead service line replacements is included in the appendices of the Project Manual. These are initial addresses which are required to be contacted and replaced; provided that the homeowner signs a Providence Water Customer Replacement Agreement.
- B. The Lead Service Line Replacement Program will target replacements of lead service lines within multiple areas of the City of Providence, Cranston, Johnston, North Providence, and Smithfield, Rhode Island. ~~, as included in the appendices of the Project Manual.~~ For the purposes of this project, galvanized steel is defined as a lead service line and should be removed and treated as if it was a lead pipe. Addresses may be added to and removed from project by the Owner throughout the project duration for a total of up to 500 service line replacements. Replacements will be full replacements (i.e. both public side and private side are replaced), public side only, or private side only. Contractor may perform replacements at addresses not listed in the appendices only under the conditions discussed in the Contract Specifications.

1.02 SCOPE OF WORK

- A. Furnish all labor, materials, equipment, and incidentals required to replace up to 500 lead service lines, and construct the Lead Service Line Replacement Program in its entirety as specified herein and as shown in the details in Appendices. Replacements may be full replacements, or a private side or public side only replacement, respectively. The Contractor shall provide adequate workforce including service replacement crews, restoration crews, plumbers, and subcontractors to execute the work within the Contract Duration. ~~It is anticipated that there will be an average of 20 service replacements per month for the total authorized amount of lead service line replacements for the total authorized amount of lead service lines replacements as part of this Contract.~~ The Contractor shall provide sufficient workforce to complete all required work. meet the average and maximum replacements per month rates. Owner does not guarantee a minimum or maximum number of replacements. Contractor shall complete each replacement within 3 months of receiving the property address unless the Owner designates the location as an emergency. If owner designates a replacement location as an emergency (i.e. leaking service) contractor shall complete replacement within 48 hours (24 hours is preferable).
- B. Work also may be restricted by the respective municipal authority for winter shutdowns as detailed in the Contract Specifications, or for another reason documented in writing. The Owner may terminate for cause if the Contractor fails to meet the replacement rates.
- C. The Work includes, but is not necessarily limited to, the following:

1. Furnishing and installing new copper service tubing, corporation stop, curb stops and boxes, ball valves, core drilling and adapters and fittings of the necessary size required to reinstate water service to the customer, and disposal of existing domestic lead water service lines in accordance with all local, state, and federal requirements including corporation stops, curb stops and boxes, valves, and adapters. Existing service lines shall be replaced with the new service lines of diameter closest (and rounded up) to the next incremental size of 1-inch, 1.5-inch and 2-inch diameter. New 1-inch service lines shall replace all existing service lines less than or equal to 1-inch. New 1.5-inch service lines shall replace all existing services lines greater than 1-inch and less than or equal to 1.5-inch. New 2-inch service lines shall replace all existing services lines greater than 1.5-inch and less than or equal to 2-inch. All work required for lead service line replacements, including but not limited to:
 - a. Coordination with the Owner
 - b. Coordination and scheduling of work on private property with Customer (which shall include property owners, residents, tenants, and businesses)
 - c. Coordination with other contractors working on other projects within the Work Area
 - d. Traffic control, including uniformed police officers and flaggers, as required
 - e. Test pits
 - f. Pavement and concrete removal, including saw cutting, as required
 - g. Excavation and backfilling
 - h. Removal and proper legal disposal of lead service lines, concrete, asphalt, vegetation, excess soil, and other surplus waste and materials in accordance with all local, state, and federal requirements
 - i. Dewatering and shoring
 - j. Trenchless installation, and open-cut installation when needed
 - k. Leakage testing and flushing of new service lines in accordance with AWWA Standard C810
 - l. Connecting to existing or newly installed water meter
 - m. Installation of a new ball valve upstream of the water meter and downstream of the water meter, when replacing the private-side.
 - n. Relocating meters and filling existing meter pits with concrete
 - o. Replacing, furnishing, and installing all required ball valves, adapters, reducers, fittings, flare adapters, pressure reducing valves, backflow devices, expansion tanks, reduced pressure zone (RPZ) backflow preventers (if required), and appurtenances of the necessary size required and as required by Rhode Island Plumbing Code.
 - p. Temporary water service (as required)
 - q. Photographic documentation of pre- and post-construction activities and interior and exterior conditions for each property.
 - r. Documentation of contractor's work and photographs in the data management system;
 - s. All temporary surface restoration work in accordance with local municipality permit conditions.
 - t. All final surface restoration work to restore all areas disturbed by construction to conditions equal to or better than pre-construction conditions in accordance with local municipality permit conditions.
 - u. Furnishing a technician from an Independent Testing Laboratory who shall be on-site for at least 10 days while work is taking place to perform all specified testing. All coordination, labor, analysis, and reporting related to testing at each excavation for those 10 days shall be included in Bid Items 1A.

- v. Permits, all required supporting documentation, and all associated permit fees including but not limited to road opening (municipal and state), plumbing, sidewalk opening, street closing, and all other permits required to complete work. Contractor to prepare all required traffic management and detour plans to obtain required road opening permits. Contractor shall prepare and submit the plumbing permit on behalf of the Customer and coordinate inspection with the municipality.
2. All other work required for successful completion of the Work as specified.

1.03 WORK BY LICENSED PLUMBER

- A. The following work shall be performed by a licensed plumber in accordance with Rhode Island Plumbing Code under this Contract:
- 1. Check electrical grounding before cutting into existing water line as specified in Section 02663. Make grounding modifications as required in Section 02663.
 - 2. Installation of new interior copper piping.
 - 3. Installation of new full port ball valves of the necessary size in building interior upstream and downstream of the existing building water meter.
 - 4. All required interior piping modifications to meet the local plumbing code, including installation of an expansion tank and a pressure reducing valve, and for the convenience of the installation.
 - 5. Final connection to the existing water meter.

1.04 CONTRACTOR'S USE OF PREMISES

- A. Coordinate all work with Owner and Customer to facilitate the usage of water services lines, with minimal conflicts and interruptions to the water service.
- B. Coordinate work to allow full, uninterrupted access to all residences and businesses, and allow for pedestrian access around work zones and closed sidewalks. Contractor shall limit the use of the premises for his/her Work and storage to allow for:
- 1. Work by other contractors or by Owner.
 - 2. Access of public to homes and businesses.
 - 3. Public use and safety.
 - 4. Fire Protection.
- C. Coordinate use of premises with Owner and Customer prior to the start of Contractor's work thereon.
- D. Contractor shall assume full responsibility for the security of all his/her personnel, materials, and equipment stored on the project including all subcontractors.

- E. If directed by the Owner, move any stored items or containers that interfere with operations of Owner, other contractors, Customer or public.
- F. Obtain and pay for the use of additional storage or work areas if needed to perform the Work.

1.05 OWNER AND CUSTOMER OCCUPANCY

- A. Customer (Private property owners, tenants, businesses and residents) will occupy premises during the performance of the work. Coordinate all construction operations with Customer and Owner to minimize conflict and to facilitate usage and occupancy during construction.
- B. Owner will provide residents with a pitcher filter, 6 months of replacement cartridges, and installation and use instructions through the current pitcher filter distribution program.
- C. Identify landscaping obstructions that may interfere with construction and notify Property Owner one (1) week before replacement to relocate if Property Owner does not want Contractor to disturb. If Property Owner does not move the obstruction, Contractor shall remove and retain onsite for re-use by Property Owner and complete service line replacement.

1.06 ROAD WORK

- A. Road work in any City/Town streets or State of Rhode Island rights-of-way shall conform to Municipal or RIDOT requirements where applicable. Contractor shall obtain all permits necessary.
- B. All traffic control devices shall be in accordance with the Manual on Uniform Traffic Control Devices, published by U.S.D.O.T., Federal Highway Administration latest revision, and local police and government requirements.
- C. Where permission is granted to the Contractor by the authority having jurisdiction for the use of road plates to secure excavations on a temporary basis, all road plates shall be recessed to match existing pavement surface and shall be secured with at least four railroad spikes per plate (minimum one spike in each side of plate). Road plates are not permitted to be used between November 15th and April 15th.
- D. No public-side only or full replacements on roads under a municipal paving moratorium shall be completed without Owner authorization.
- E. Traffic Control Officers (Police) and Flaggers will be paid from the respective allowances on the bid form. When Uniformed Police Traffic Control Officers are not available, Flaggers can be used as substitutes and may also be paid from this allowance.

END OF SECTION

SECTION 01025
MEASUREMENT AND PAYMENT

PART 1 GENERAL

1.01 SCOPE

- A. This Section includes specifications for the measurement and payment of the various elements of the Work, with provisions applicable to lump sum prices, unit prices, and allowances, if applicable.
- B. In the case of conflict between this Section and the measurement methods specified in the individual technical Sections, the measurement methods in the technical specifications shall govern.
- C. The Contractor shall receive no payment for any portion of the work until it is installed and accepted by the Owner. The only exception to this is payment for stored materials on-site if the Contract provides for the payment of stored materials. A partial payment may be requested for items partially installed.

1.02 RELATED WORK

- A. Bid Form is included in Section 00 41 00.
- B. General Conditions are included in Section 00 72 00.
- C. Applications for Payment are included in Section 01026.
- D. Schedule of Values is included in Section 01370.

1.03 LUMP SUM ITEMS

- A. Lump Sum measurement will be for the entire item, unit of work, structure, or combination thereof, as specified and as indicated in the Bid Form. Measurement and payment for all bid items indicated as Lump Sums shall include the cost of all labor, materials, and equipment necessary to furnish, install, clean, test, and place each bid item into operation, including general conditions, overhead and profit.
- B. Progress payments will be based on the Schedule of Values prepared by the Contractor and approved by the Owner before acceptance of the first Application for Payment.
- C. In order for the Contractor to request progress payments against Lump Sum items, Contractor shall provide a disaggregation or breakdown in sufficient measurable detail that is acceptable to the Owner.
- D. Measurement
 - 1. Measurement shall be based on the estimated percent complete of each item of the Schedule of Values, as determined by the Owner.

E. Payment

1. Payment will be made at the lump sum price proportional to the completion percentages approved by the Owner.
2. Contactor must track and maintain copies of all necessary permits submitted. Retainage as specified in Section 00 73 00 will be held until all permits are approved, paid for and received by Owner.

1.04 UNIT PRICE ITEMS

- A. Quantity and measurement estimates stated in the Bid Form are estimates for bidding purposes only. Actual payments shall be based on actual quantities installed, in-place, as measured and/or verified by the Owner.
- B. Unless otherwise provided in the General Conditions, the bid unit prices shall be in effect throughout the contract duration, regardless of variances between the estimated quantities and the actual quantities.
- C. The Contractor shall make no claim, nor receive any compensation, for anticipated profits, loss of profit, damages, or any extra payment due to any difference between the amounts of work completed, or materials or equipment furnished, and the estimated quantities.
- D. Assist Owner by providing necessary equipment, workers, and survey personnel as required to measure quantities.

E. Measurement

1. Measurement for progress payment shall be made by, or approved by, the Owner based on the estimated effective quantity installed. The effective quantity installed represents the actual units or quantities installed, adjusted for incomplete elements or components.
2. Unless otherwise provided for in the Bid Form, unit price items are all-inclusive of all related work, direct and indirect, to provide a complete and functional item.
3. The final measurement shall be based on actual quantities, jointly measured by Contractor and Owner, complete, fully tested and placed into service.

F. Payment

1. Progress payments shall be in accordance with the contract documents based on estimated effective quantities installed, paid at the bid unit price.
2. The final payment shall be based on actual quantities, fully installed, tested, and placed into service, paid at the bid unit price.

1.05 ALLOWANCES

- A. Allowances, if any, specified in the Contract Documents and indicated in the Bid Form are considered provisional amounts to be used only as needed.

- B. Allowances are exclusive of work indicated in the Contract Documents for which payment is included under other items in the Bid Form. No work may be performed under an allowance without the prior written approval of the Owner.
- C. Any unused balance of the allowances shall revert to the Owner upon completion of the project. Prior to final payment, the original amount provided for allowances shall be adjusted to actual costs by deductive Change Order, adjusting the contract price, accordingly.
- D. The Contractor shall make no claim, nor receive any compensation, for anticipated profits, loss of profit, damages, or any extra payment due to any unexpended portion of the allowances.
- E. Include time for allowance work in the construction schedule. No adjustment of Contract Time will be allowed for any work performed under allowance items.
- F. Allowance items shall be included in the Schedule of Values.
- G. Unless otherwise indicated in the specific measurement and payment provisions under allowance items, the measurable and allowable costs for work performed under an Allowance item shall be limited to the actual, demonstrable, and direct costs associated with that Allowance item. Shipping and sales taxes (if applicable) are allowable costs.
 - 1. No markup for overhead or profit (including cost for bonds) shall be included for payment under an Allowance item. Overhead and profit (including cost for bonds) shall be included in the contract base bid or allocated across other bid items.
 - 2. Work authorized by the Owner under an allowance may be performed as a lump sum (negotiated before the fact), unit prices (when applicable), or time and material. For work performed under time and material, submit detailed verification (break-down) of all costs, subject to the approval of the Owner. Time and material records shall be submitted to the Owner on a daily basis and in no case later than 48 hours after the work is performed.

1.06 DEFECT ASSESSMENT

- A. Replace defective Work, or portions of defective Work, not conforming to specified requirements.
- B. If in the opinion of the Owner, it is not practical to remove and replace the Work, the Owner will direct a remedy in accordance with the requirements of the General Conditions.

1.07 NON-PAYMENT FOR REJECTED PRODUCTS

- A. Payment will not be made for any of the following:
 - 1. Products wasted or disposed of in a manner that is not acceptable.
 - 2. Products determined as unacceptable before or after placement.
 - 3. Products not completely unloaded from the transporting vehicle.
 - 4. Products placed beyond the lines and levels of the required Work.

5. Products remaining on hand after completion of the Work.
6. Loading, hauling, and disposing of rejected products.

PART 2 PRODUCTS – NOT USED

PART 3 EXECUTION

3.01 PUBLIC SIDE BID ITEMS (ITEMS 1A.1-1I-1L)

A. General

1. Replacement Items

- a. References to Item 1A throughout these specifications refers to both Bid Item 1A.1 and Bid Item 1A.2 unless otherwise stated.
- b. Trenchless or other approved means of lead water service line replacement which may include replacement of the public side only service line (Item 1A.1), replacement of the public side of a partial replacement (Item 1A.2), replacement of the public side portion of a full replacement (Item 1B), and replacement of all necessary appurtenances. All replacements on the public side shall include mobilization, (sanitary facilities, insurance, temporary construction facilities, construction vehicle parking and storage, bonds, permit acquisition, permit fees, labor, project coordination, control of work, project signs, coordination with homeowner and inspectors, scheduling, notifications, printing, all data and record document management, and preparation of contract required submittals); removal and disposal of excess soil, spoil, rubble, lead pipes and construction debris, vegetation and similar items; stockpiling, sampling and testing, all labor, materials, new corporation stop, temporary roadway, temporary and permanent sidewalk and/or yard restoration, equipment required for erosion and sediment control, and protection of existing trees as approved by the Owner; all work required for or incidental to the satisfactory completion of the Work.
- c. Each property listed by the Owner in the Appendices, or the updated list in the database management system at the time of construction, is the target list for construction. Each property with a signed Providence Water Customer Replacement Agreement must have a replacement completed or, if no lead is found on either side, a test pit. Public side only replacements (Item 1A.1) do not require a signed Providence Water Customer Replacement Agreement, however, private side material must be confirmed prior to scheduling the public side only replacement in the event the record on the private side is incorrect and is actually lead. If the Property Owner rejects participation in the program or does not provide entry, schedule the replacement after the outreach described in Section 01170, Paragraph 1.18 is performed, Contractor shall perform a test pit to confirm both the public and private side materials.
- d. Public side of a partial replacement (Item 1A.2) is only to be performed once all scheduling outreach attempts in accordance with Section 01170, Paragraph 1.18 have been completed. Owner reserves the right to perform additional outreach to the

Property Owner up to 3 months prior to the Contract Completion Date, or prior to final paving restoration occurring on that street, whichever is first, before a partial replacement is approved. All partial replacements shall be approved by the Owner in writing prior to the Contractor scheduling the work.

2. Test Pit at Curb Stop (Item 1C)
 - a. A test pit is defined as a planned service line replacement that is found not to be lead on either side or a property where the Owner specifically directs the Contractor to perform a test pit.
 - b. If there is more than one service in the same excavation as a planned replacement, Contractor must notify the Owner of observed materials at all properties. Contractor must make every effort to inspect and photograph all properties within the excavation. Only test pits at locations in the Appendices (or added to the data management system) with a signed Providence Water Customer Replacement Agreement, or as directed by the Owner, will be paid for under Item 1C.
3. New Curb Box (Item 1D.1)
 - a. For when a new curb box is needed when replacing the private-side only service line (Items 2A and 3A) at a location where a public side replacement does not occur or at a test pit (Item 1C) location at the direction of the Owner.
4. New Curb Stop Valve (Item 1D.2)
 - a. For when a new curb stop valve is needed when replacing the private-side only service line (Items 2A and 3A) at a location where a public side replacement does not occur or at a test pit (Item 1C) location at the direction of the Owner.
5. Long-Side Replacement (Item 1E)
 - a. A long-side replacement is when the resident with the service line being replaced is on the opposite side of the street from the water main. The distance from the water main to the curb must be greater than half the roadway width for a replacement to be considered a long side replacement. Water mains with a centerline within 1-foot of the center of the road do not have long-side replacements on either side.
6. Lead Service Line Excavation Greater Than 5 Feet (Item 1F)
 - a. Lead water service trenching to a depth of greater than 5-feet and non-hazardous waste disposal; shoring; dewatering; installation, backfill; compaction; including all labor, materials, and equipment necessary. All excavation to a depth of 5-feet is included in the replacement bid items.
7. Final Trench Pavement Restoration (Infra-red) (Item 1G); Final Trench Pavement Restoration (Milling and Paving) (Item 1H); Final Pavement (Curb-to-curb) (Item 1I)

- a. In general, final pavement restoration will be undertaken only on streets where any construction work is performed within the roadways as a result of service line replacement or otherwise deemed necessary in the field. Final pavement on streets will be required to be restored by either mill and pave (patch paving at trench locations), infra-red, or curb to curb (full width paving) methods, based on the paving requirements of the Department of Public Works or Rhode Island Department of Transportation permit issued and in accordance with Rhode Island Department of Transportation Minimum Standards for State and Municipal Road Repair for Utility Work. Pavement replacement necessary resulting from the activities of the Contractor outside of the limits defined in the Details in the Appendices shall be paid for by Contractor. Payment of restoration does not relieve the contractor of responding to complaints by Customers and returning, for the period of the 5-year warranty, to make necessary repairs.
- b. ~~Owner will make every effort to ensure the proposed quantities for pavement restoration will be provided to the Contractor. However,~~ If the final restoration area is less than the bid quantity, Contractor shall have no claim to modify the price of the unit price item.
- c. Final Pavement (Curb-to-curb, full width paving of a block or street) will be used at the direction of the Owner when initial paving areas encompass a majority of the pavement surface and as required by the Owner or Department of Public Works and as defined by the Rhode Island Department of Transportation Minimum Standards for State and Municipal Road Repair for Utility Work.
- d. Only one of the paving items (Items 1G-1I) will be applied per public side lead service line address.

B. Measurement

1. **(Item 1A.1) Lead Service Line Replacement – Public Side Only** - Measurement will be based on the number of installations completed from the water main to the curb stop within the Work Area and shall be contingent on the submission of comparable pre-construction and post-construction photographs of each installation and complete record documents, including all permits, for each property. When only a public side only replacement (i.e., from water main to curb stop) is completed at a property, the Contractor shall be paid under Item 1A.1. Replacement includes all road opening and street closure permit acquisition and fees, piping, curb stop valve and box, new corporation stop, appurtenances to make all connections, procurement and placement of warning tape, flushing at the meter or hose bib, leak testing, equipment required for erosion and sediment control, protection of existing trees, and temporary paving, temporary and permanent sidewalk and/or yard restoration. Full Replacements will not be paid for under this item.
2. **(Item 1A.2) Lead Service Line Replacement – Public Side Partial (Water Main to Curb Stop)** – Measurement will be based on the number of installations completed from the water main to the curb stop within the Work area and shall be contingent on the submission of comparable pre-construction and post-construction photographs of each installation and complete record documents, including all permits, for each property. When a public side partial replacement [i.e., from water main to curb stop; private side (curb stop to meter) remains lead] is completed at a property, the Contractor shall be paid under Item 1A.2. Replacement includes all Property Owner scheduling outreach and tracking attempts, road opening and street closure permit acquisition and fees, piping, curb stop valve and

box, new corporation stop, appurtenances to make all connections, dielectric couplings, procurement and placement of warning tape, flushing inside the house, leak testing, equipment required for erosion and sediment control, protection of existing trees, and temporary paving, temporary and permanent sidewalk and/or yard restoration.

3. **(Item 1B) Lead Service Line Replacement – Public Side Portion of a Full Replacement** – Measurement will be based on the number of installations completed from the water main to the curb stop within the Work Area, only where the private side of the service line is also being replaced (full replacement) and shall be contingent on the submission of comparable pre-construction and post-construction photographs of each installation and complete record documents, including all permits, for each property. Replacement includes all road opening and street closure permit acquisition and fees, piping, curb stop valve and box, procurement and placement of warning tape, flushing at the hose bib, leak testing, equipment required for erosion and sediment control, protection of existing trees, temporary paving, temporary and permanent sidewalk and/or yard restoration, and appurtenances to make all connections. Full Replacements performed under this contract within the Work Area will be paid for as the sum of Item 1B and Item 2B.
4. **(Item 1C) Test Pit at Curb Stop** - Measurement will be based on the number of locations in the Appendices (or most updated list as provided during construction in the database management system), and those properties that the Owner or Contractor has acquired a Providence Water Customer Replacement Agreement for, where pipe material in the test pit was found not to be lead on both the private side and the public side or where directed by the Owner and all material information is documented by Contractor. Submit comparable pre-construction and post-construction photographs of each test pit, and Owner shall accept the surface restoration of the test pit prior to payment. Temporary and permanent sidewalk and/or yard restoration shall be included in this item.
5. **(Item 1D.1) New Curb Box – Private Side Only** – Measurement will be based on the number of curb boxes replaced for private-side only replacements (Items 2A and 3A) at locations where a public side replacement does not occur and curb boxes replaced during a test pit at a location at the direction of the Owner (Item 1C). Curb box replacements are already included in Items 1A.1, 1A.2, and 1B for public side replacements.
6. **(Item 1D.2) New Curb Stop Valve – Private Side Only** – Measurement will be based on the number of curb stop valves replaced for private-side only replacements (Items 2A and 3A) at locations where a public side replacement does not occur and curb stop valves replaced during a test pit at a location at the direction of the Owner (Item 1C). Curb stop valve replacements are already included in Items 1A.1, 1A.2, and 1B for public side replacements.
7. **(Item 1E) Long-Side Replacement** - Measurement will be based on the number of long-side replacements. This Item will be paid in addition to either Bid Item 1A.1, Bid Item 1A.2, or Bid Item 1B to cover the cost of the additional time and material for the additional length of service line required to be replaced.
8. **(Item 1F) Lead Service Line Excavation Greater Than 5 Feet** - Measurement will be based on the actual depth of excavation beyond a 5-foot depth, as approved by the Owner,

for a maximum trench width as shown in Details, if and when directed. If the trench bottom is more than twelve inches below pipe invert through an error by the Contractor or if improper drainage softens the subgrade and additional excavation in the trench or access pit is required before laying the pipe or installing the water service line, such removal and replacement of material will not be paid for by Owner. Measurement by truck count will not be permitted.

6. **(Item 1G) Final Trench Pavement Restoration (Infra-Red)** - Measurement will be based on the square yard(s) installed on streets, as directed by the Owner, and as measured by the Owner, within the specified widths and completed between 45 and 90 days of placing the temporary paving. This item shall include milling and paving of the trench and infra-red sealing of the seams.
7. **(Item 1H) Final Trench Pavement Restoration (Milling and Paving)** - Final Pavement Restoration (Milling and Paving) - Measurement will be based on the square yard(s) of patch paving installed at each trench as measured by the Owner, within the specified widths and completed between 45 and 90 days of placing the temporary paving.
8. **(Item 1I) Final Pavement (Curb-to-curb)** - Measurement will be based on square yard(s) of full width, curb-to-curb, entire block, or street paving installed as measured by the Owner, if and when directed or required by the Road Opening Permit.

C. Payment

1. Full payment for **Item 1A.1 Lead Service Line Replacement – Public Side Only, Item 1A.2 Lead Service Line Replacement – Public Side Partial, and Item 1B Lead Service Line Replacement – Public Side Portion of a Full Replacement** shall be provided once the following components are completed:
 - a. **Administration:** Price and payment shall include, but not be limited to customer coordination, printing and distributing door hangers for notifications of appointments and disturbances, procurement and posting of no parking signs, local agency coordination for permits, permit fees, inspections and scheduling, pipe material validation through interior inspection, underground utility mark outs and coordination, pre-construction photographs, and all other preliminary documentation as required by the Contract.
 - b. **Site Preparation:** Price and payment shall include, but not be limited to temporary traffic control including traffic signage; erosion and sediment control; mobilization (sanitary facilities, insurance, temporary construction facilities, construction vehicle parking and storage, bonds, permit preparation and fees, state roadway inspector when working on state roadways, project coordination, control of work, project signs, scheduling, and preparation and submittal of contract required work plans); test pits that result in a replacement or test pits for the contractors' convenience; cutting existing pavement and concrete; temporarily support and protection of all existing utilities and structures; all excavation up to depth of 5 feet (including hand, vacuum, rock and boulders and concrete road base excavation) including excavation for both trenchless installation and open-cut installation; excavation support and protection (as required); dewatering and drainage.

- c. **Service Replacement:** Price and payment shall include, but not be limited to: temporary water for customer (as required); furnishing and installation of water service line (up to and including 2-inches in size) to limits defined in individual bid items by trenchless methods or by open-cut methods when approved by the Owner, including pipe, new corporation stop, curb stop valve and box, all the necessary adapters, couplings, reducers, fittings and appurtenances of the necessary size required to connect to existing piping; flushing as specified, testing of the new service line, placing the service line into service; existing lead water service line and appurtenances removal, disposal, demolition or abandonment; placement of warning tape; backfill materials shown on the details in the Appendices; compaction and compaction testing; stockpiling, sampling and laboratory testing of excess excavated material including, but not limited to, spoil, rubble, concrete, asphalt, vegetation, etc. Payment for these items shall include all work required for or incidental to the satisfactory completion of the Items for which payment is not provided under other items in the Bid Form.
 - d. **Restoration on Public Side:** Price and payment shall include, but not be limited to, temporary traffic control; GPS coordinates of the corporation stop, curb stop, and where the service line enters the house (for full service), service application records, closeout documentation including photographs; restoring exterior physical features; printing and distribution of post-replacement door hangers regarding flushing; restoring the trench surface to grade or the limits of roadway base course; temporary paving restoration; temporary and permanent sidewalk and/or yard restoration; forming and pouring concrete curbs to match sidewalk elevation, concrete testing and all other testing required to complete the project as specified herein; transportation and disposal of excess excavated material, spoil, rubble, concrete, asphalt, vegetation, lead pipes and construction debris, etc. in accordance with all Federal, State and local regulations; including all labor, materials and necessary equipment; removal of erosion and sediment control devices; all work required for or incidental to the satisfactory completion of the Items for which payment is not provided under other items in the Bid Form.
 - e. All items, including restoration, must be fully completed prior to requesting payment in full for Bid Items 1A.1, 1A.2, and 1B. A payment of 50% can be requested if a service line is installed but the restoration is not yet complete.
 - f. When a private side only replacement (i.e., from curb stop to meter) is completed at a property, the Contractor shall be paid under Bid Items 2A or 3A.
2. Payment for **Item 1C - Test Pit at Curb Stop**, shall be made as follows: Payment for this Item shall be provided for the Contractor completing 3.01-C.1a Administration, 3.01-C.1b Site Preparation, performing the test pit, and 3.01-C.1d. Test pit shall assume excavation is in concrete and temporary and permanent sidewalk restoration is included in this bid item. Payment for Item 1C will only be made if the entire water service line (corporation stop to meter) is found not to be lead. No payment will be made under this Item if any pipe replacement is performed. If the curb box is replaced without a portion of the service line being replaced, payment will be made under Item 1C plus Item 1D.1 for the curb box. Contractor will not receive payment for Item 1D.1 if the curb box is damaged during excavation.

3. Payment for **Item 1D.1 New Curb Box** shall be made in full for all private side only replacements (Items 2A and 3A) when a public side replacement does not occur at the same location and the curb box is replaced. Payment shall also be made in full if a curb box is replaced during a test pit when the curb box is considered in need of replacement by the Owner.
4. Payment for **Item 1D.2 New Curb Stop Valve** shall be made in full for all private side only replacements (Items 2A and 3A) when a public side replacement does not occur at the same location and the curb stop valve is replaced. Payment shall also be made in full if a curb stop valve is replaced during a test pit when the curb stop valve is considered in need of replacement by the Owner.
5. Payment for **Item 1E - Long Side Replacement** shall be made as follows: When the Contractor performs a long-side replacement (i.e., when the resident with the service line being replaced is on the opposite side of the street from the water main it will be supplied from), Contractor will be paid for the service line replacement under the replacement bid items (1A.1, 1A.2, or 1B as applicable), however, an additional payment under this bid item will be made to cover the additional work associated with performing trenchless or open-cut installation across utilities in the roadway. This item shall include the additional excavation, backfill, temporary restoration, pipe and all other items associated with a long-side replacement that are not included in a short-side replacement. All items associated with administration, site preparation, service replacements and restoration shall be included in Items 1A.1, 1A.2, or 1B, as applicable with this item being an additional payment for long-side replacements.
6. Payment for **Item 1F - Lead Service Line Excavation Greater Than 5-Feet** shall be as follows: All work associated with excavation beyond 5-feet in depth shall be included under this bid item unless otherwise stated. Price and payment shall be full compensation for, but not limited to, protection of all existing utilities and structures; excavation (including hand excavation); loading; hauling; excavation support and protection; dewatering and drainage; temporarily support of utilities; backfilling with native soil; compaction, testing by technician from the Soils Testing Laboratory; removal of debris, spoils, pipe, tubing, rubble, vegetation, and similar items removed and legally disposed, including all labor, materials and necessary equipment; all work required for or incidental to the satisfactory completion of the Items for which payment is not provided under other items in the Bid Form. Payment for excavation 5-feet or shallower is included in Items 1A.1, 1A.2, 1B, 2A, 2B, or 3A, as applicable.
7. Payment for **Item 1G - Final Trench Pavement Restoration (Infra-Red)** shall be as follows: All work associated with final infra-red pavement, shall be included under this bid item unless otherwise stated. Price and payment shall be full compensation for, but not limited to: sweeping, cleaning and preparing the base course surface; traffic control, traffic signage; cutting back existing pavement, furnishing, hauling, heating, raking, mixing and placing the final pavement, compacting, testing, pavement marking restoration, including all labor, materials and necessary equipment; all work required for or incidental to the satisfactory completion of the Items for which payment is not provided under other items in the Bid Form.

8. Payment for **Item 1H - Final Trench Pavement Restoration (Milling and Paving)** shall be as follows: All work associated with final milling and paving, shall be included under this bid item unless otherwise stated. Price and payment shall be full compensation for, but not limited to: sweeping, cleaning and preparing the base course surface; traffic control, traffic signage; cutting back existing pavement, milling and disposal, installation of tack coat, furnishing, hauling, and placing the final pavement, compacting, testing, pavement marking restoration, including all labor, materials and necessary equipment; all work required for or incidental to the satisfactory completion of the Items for which payment is not provided under other items in the Bid Form.
9. Payment for **Item 1I - Final Pavement (Curb to Curb)** shall be as follows - All work associated with final pavement restoration shall be included under this bid item unless otherwise stated. Price and payment shall be full compensation for, but not limited to: sweeping, cleaning and preparing the base course surface, traffic control, traffic signage,; milling and removing initial or existing pavement surface, installation of tack coat, furnishing, hauling and placing the final pavement, compacting, pavement marking restoration, including all labor, materials and necessary equipment; all work required for or incidental to the satisfactory completion of the Items for which payment is not provided under other items in the Bid Form.

3.02 UNIFORMED POLICE TRAFFIC CONTROL ALLOWANCE (ITEM 1J)

A. General

1. The Uniformed Police Traffic Control Allowance will apply only to the labor for traffic control Police officers provided by the City for the direction of traffic for this Contract per Manual on Uniform Traffic Control Devices.

B. Measurement

1. The Contractor will be reimbursed for costs for uniformed police traffic control officers for the project as invoiced by the City.

C. Payment

1. Payment for Uniformed Police Traffic Control officers provided by the City to direct traffic will be made based on the actual time on site and applicable City Ordinances. No markup will be allowed by the Contractor. The allowance price established in the Bid Form is for bidding purposes only, and the amount paid for Traffic Control may differ from this amount.
 - a. All other costs associated with uniformed police traffic control for this Contract, including traffic control devices, barriers, signage, flaggers, vehicles, equipment, personnel, and administrative costs, shall be paid under the respective replacement bid items and not under any allowance item.
 - b. Additionally, any fees associated with permits required for road opening and street closure by the Rhode Island Department of Transportation and Municipalities shall be paid under the respective replacement bid item and not under any allowance item.

3.03 FLAGGER TRAFFIC CONTROL ALLOWANCE (ITEM 1K)

A. General

1. The Flagger Traffic Control Allowance will apply only to the labor for traffic control flaggers for the direction of traffic for this Contract per Manual on Uniform Traffic Control Devices. Flaggers can only be used when permitted by the agency with jurisdiction of the roadway or when uniformed police are not available, when provided with the required advanced notification.

B. Measurement

1. The Contractor will be reimbursed for costs for traffic control flaggers for the project as invoiced.

C. Payment

1. Payment for Traffic Control Flaggers to direct traffic will be made based on the actual time on site and applicable City Ordinances. No markup will be allowed by the Contractor. The allowance price established in the Bid Form is for bidding purposes only, and the amount paid for Flagger Traffic Control may differ from this amount.
 - a. All other costs associated with traffic control for this Contract, including traffic control devices, barriers, signage, flaggers, vehicles, equipment, personnel, and administrative costs, shall be paid separately, under the respective replacement bid items and not under any allowance item.
 - b. Additionally, any fees associated with permits required for road opening or street closures by the Rhode Island Department of Transportation and Municipalities shall be paid under the respective replacement bid item and not under any allowance item.

3.04 UTILITY PROVISION ALLOWANCE (ITEM 1L)

A. General

1. The Utility Provision Allowance will apply only to reimburse the Contractor for charges imposed by utilities to protect their existing infrastructure, such as utility poles and underground mains or ducts.

B. Measurement

1. The Contractor will be reimbursed for costs invoiced by the utility.

C. Payment

1. Payment for Utility Provisions required to protect existing infrastructure based on the actual time on site and requirements of the utilities. No markup will be allowed by the Contractor. The allowance price established in the Bid Form is for bidding purposes only, and the amount paid for Utility Provisions may differ from this amount.

- a. All other costs associated with Utility Provisions for this Contract, including Contractor's vehicles, equipment, personnel, and administrative costs, shall be paid separately, under the respective replacement bid items and not under any allowance item.

3.05 PRIVATE SIDE BID ITEMS (ITEMS 2A-2D)

A. General

1. Replacement Items

- a. Trenchless or other approved means of lead water service line replacement which may include replacement of the private side only service line (Item 2A), replacement of the private side portion of a full replacement (Item 2B), and replacing, furnishing and installing all required ball valves, adapters, reducers, fittings, flare adapters (before and after water meter), pressure reducing valves, backflow devices, expansion tanks, reduced pressure zone (RPZ) backflow preventers (if required), and appurtenances of the necessary size as required by Rhode Island Plumbing Code. Work includes testing for current and if water line is used for grounding, bypass with a temporary bonding jumper. All replacements, full or private side only, shall include mobilization (sanitary facilities, insurance, temporary construction facilities, construction vehicle parking and storage, drywall restoration, bonds, permit acquisition and fees, labor, project coordination, control of work, project signs, coordination with homeowner, property residents, tenants, and inspectors, scheduling, notifications, printing, all data and record document management, and preparation of contract required submittals); removal and disposal excess soil, spoil, rubble, lead pipes and construction debris, vegetation and similar items; stockpiling, sampling and testing; temporary and permanent sidewalk and/or yard restoration; pre and post construction photos, record documents all work required for or incidental to the satisfactory completion of the Work.
- b. Each property listed by the Owner in the Appendices, or the updated list in the database management system at the time of construction is the target list for construction. Each property with a signed Providence Water Customer Replacement Agreement must have a replacement completed or, if no lead is found on either side, a test pit. If the Property Owner rejects participation in the program or does not provide entry after the scheduling outreach described in Section 01170, Paragraph 1.18 is performed, Contractor shall perform a test pit toto confirm both the public and private side materials.

B. Measurement

- 1. **(Item 2A) Lead Service Line Replacement – Private Side Only** - Measurement will be based on the number of installations completed from the curb stop to water meter within the Work Area and shall be contingent on the submission of comparable pre-construction and post-construction photographs of each installation and complete record documents, including any required permits, for each property. When a private side only replacement (i.e., from curb stop to water meter) is completed at a property, the Contractor shall be paid under Item 2A. Replacement includes scheduling all service line replacement appointments

with homeowner, residents, or tenants, plumbing permit acquisition and fees, piping, coring and patching through wall or floor, drywall restoration, ball valves, relocation of meter and all appurtenances as required by the Rhode Island Plumbing Code and to make all connections as listed in A above, installation of a temporary bonding jumper if water line is used for grounding, procurement and placement of warning tape, temporary and permanent sidewalk and/or yard restoration, flushing at the meter or hose bib, leak testing, equipment required for erosion and sediment control, and protection of existing trees. New curb boxes for private side only replacements will be paid under Item 1D.1 as directed by the Owner. Full Replacements will not be paid for under this item.

2. **(Item 2B) Lead Service Line Replacement – Private Side Portion of a Full Replacement** – Measurement will be based on the number of installations completed from the curb stop to water meter within the Work Area only where the public side installation is also being replaced (full replacement) and shall be contingent on the submission of comparable pre-construction and post-construction photographs of each installation and complete record documents, including any required permits, for each property. Replacement includes scheduling all service line replacement appointments with homeowner, plumbing permit acquisition and fees, piping, coring and patching through wall or floor, drywall restoration, ball valves, relocation of meter and all appurtenances as required by the Rhode Island Plumbing Code and to make all connections as listed in A above, installation of a temporary bonding jumper if water line is used for grounding, procurement and placement of warning tape, temporary and permanent sidewalk and/or yard restoration, equipment required for erosion and sediment control and protection of existing trees, flushing at the meter or hose bib, and leak testing. Full Replacements performed under this contract within the Work Area will be paid for as the sum of Item 1B and Item 2B.
3. **(Item 2C) Access Not Provided** – Measurement will be based on the number of locations where one of the following occurs:
 - a. Customer misses a scheduled and documented appointment after the Contractor mobilized for the replacement and cannot reschedule for more than 72 hours.
 - b. Customer was home but provided no reasonable work area to access the service line or water meter on the interior of the house after the Contractor mobilized for the replacement.
 - c. Improper grounding or electrical work is identified by the Contractor after mobilizing for the replacement requiring the homeowner to hire an electrician to perform electrical work before the replacement can be completed by the Contractor.

All work claimed under this Item must be documented in writing by the Contractor and verified by the Owner.

4. **(Item 2D) Reduced Pressure Zone (RPZ) Backflow Preventer** – Measurement will be based on the number of locations where an RPZ backflow preventer is installed where required by Section 15410 Interior Service Piping and Appurtenances.

C. Payment

1. Payment for **Item 2A Lead Service Line Replacement – Private Side Only** and **Item 2B Lead Service Line Replacement – Private Side Portion of a Full Replacement** shall be provided once the following components are completed:
 - a. **Administration:** Price and payment shall include, but not be limited to customer coordination, printing and distributing door hangers for notifications of appointments and disturbances, local agency coordination for permits, permit fees, inspections and scheduling, pipe material validation through interior inspection, pre-construction photographs, and all other preliminary documentation as required by the Contract.
 - b. **Site Preparation:** Price and payment shall include, but not be limited to temporary traffic control including traffic signage; erosion and sediment control; mobilization (sanitary facilities, insurance, temporary construction facilities, construction vehicle parking and storage, bonds, permit preparation and fees, state roadway inspector when working on state roadways, project coordination, control of work, project signs, scheduling, and preparation and submittal of contract required work plans); test pits that result in a replacement or test pits for the contractors' convenience; cutting existing asphalt and concrete; temporarily support and protection of all existing utilities and structures; all excavation up to depth of 5 feet (including hand, vacuum, rock and boulders and concrete road base excavation) including excavation for both trenchless installation and open-cut installation; excavation support and protection (as required); dewatering and drainage.
 - c. **Service Replacement:** Price and payment shall include, but not be limited to: temporary water for customer (as required); furnishing and installation of water service line (up to and including 2-inches in size) to limits defined in individual bid items by trenchless methods or by open-cut methods when approved by the Owner, including pipe, all the necessary adapters, couplings, reducers, fittings and appurtenances of the necessary size required to connect to existing piping; coring through the existing foundation or wall regardless of thickness; relocation of the meter and installation of items required to meet the Rhode Island Plumbing Code and as shown in the details in the Appendices, filling the existing meter pit with concrete, patching and waterproofing of the new and abandoned penetrations; flushing as specified, testing of the new service line, placing the service line into service; existing lead water service line and appurtenances removal, disposal, demolition or abandonment; placement of warning tape; backfill materials shown on the details in the Appendices; compaction and compaction testing; stockpiling,; sampling and laboratory testing of excess excavated material, including, but not limited to, spoil, rubble, concrete, asphalt, vegetation, etc. Payment for these items shall include all work required for or incidental to the satisfactory completion of the Items for which payment is not provided under other items in the Bid Form.
 - d. **Restoration on Private Side:** Price and payment shall include, but not be limited to GPS coordinates of the curb stop and where the service line enters the house, service application records, closeout documentation including photographs; repairs and cleaning of interior work spaces; drywall restoration;; printing and distribution of post-replacement door hangers regarding flushing; loaming and seeding; temporary

and permanent sidewalk, asphalt, and/or yard restoration; concrete testing; and all other testing required to complete the project as specified herein; transportation and disposal of excess excavated material, spoil, rubble, concrete, asphalt, vegetation, lead pipes and construction debris, etc. in accordance with all Federal, State and local regulations; including all labor, materials and necessary equipment; removal of erosion and sediment control devices; all work required for or incidental to the satisfactory completion of the Items for which payment is not provided under other items in the Bid Form.

- e. All items, including restoration, must be fully completed prior to requesting payment in full for Bid Items 2A and 2B. A payment of 50% can be requested if a service line is installed but the restoration is not yet complete.
 - f. When a public side only replacement (i.e. from main to curb stop where private side is not lead) or public side partial replacement (i.e., from main to curb stop where the private side remains lead) is completed at a property, the Contractor shall be paid under Item 1A.1 or Item 1A.2, respectively.
- 2. Payment for **Item 2C Access Not Provided** shall be full compensation for partial work described in Bid Items 2A and 2B, paragraph 1a (administration) and 1b (site preparation). Access shall be determined prior to any test pits or other excavation being performed for private side replacements. If any excavation occurs prior to access being determined, no additional payment for backfilling and restoration will be provided.
 - 3. Payment for **Item 2D Reduced Pressure Zone (RPZ) Backflow Preventer** shall be full compensation for all residential private side replacements when a RPZ backflow preventer is required by Section 15410 Interior Service Piping and Appurtenances. Assume RPZs required are 1-inch in size. Contractor will be paid the difference in material costs for any required larger RPZs under Item S-4 Miscellaneous Work at the Direction of the Owner. Contractor shall provide the invoices to indicate the price difference. No overhead or profit will be paid on the difference in price.

3.06 PRIVATE SIDE ITEMS – COMMERCIAL (ITEMS 3A-3B)

A. General

1. Replacement Items

- a. Commercial bid items are only for commercial-only properties. Mixed use properties with a residential component are paid for under the residential bid items. Trenchless or other approved means of lead water service line replacement which may include, replacement of the private side only service line at a commercial property (Item 3A), replacement of the private side portion of a full replacement at a commercial property (Item 3B), and replacing, furnishing and installing all required ball valves, adapters, reducers, fittings, flare adapters (before and after water meter), pressure reducing valves, backflow devices, expansion tanks, reduced pressure zone (RPZ) backflow preventers (if required), and appurtenances of the necessary size as required by Rhode Island Plumbing Code. Work includes testing for current and if water line is used for grounding, bypass with a temporary bonding jumper. All replacements, full or private

side only, shall include mobilization (sanitary facilities, insurance, temporary construction facilities, construction vehicle parking and storage, drywall restoration, bonds, permit acquisition and fees, labor, project coordination, control of work, project signs, coordination with homeowner, property residents, owners, tenants, and inspectors, scheduling, notifications, printing, all data and record document management, and preparation of contract required submittals); removal and disposal excess soil, spoil, rubble, lead pipes and construction debris, vegetation and similar items; stockpiling, sampling and testing; temporary and permanent sidewalk and/or yard restoration; all work required for or incidental to the satisfactory completion of the Work.

- b. Each property listed by the Owner in the Appendices, or the updated list in the database management system during construction, is the target list for construction. Each property with a signed Providence Water Customer Replacement Agreement must have a replacement completed or, if no lead is found on either side, a test pit. If the Property Owner rejects participation in the program or does not provide entry after the outreach described in Section 01170, Paragraph 1.18 is performed, Contractor shall perform a test pit to confirm both the public and private side materials.
- c. Each property listed by the Owner in Appendices, or the updated list the database management system at the time of construction, is the target list for construction. Each property with a signed Providence Water Customer Replacement Agreement must have a replacement completed or, if no lead is found on either side, a test pit. If the Property Owner rejects participation in the program or does not provide entry after the outreach described in Section 01170, Paragraph 1.18 is performed, Contractor shall perform a test pit to confirm both the public and private side materials.

B. Measurement

- 1. **(Item 3A) Lead Service Line Replacement – Commercial – Private Side Only -** Measurement will be based on the number of installations completed from the curb stop to water meter at a commercial property within the Work Area and shall be contingent on the submission of comparable pre-construction and post-construction photographs of each installation and complete record documents, including any required permits, for each property. When a private side only replacement (i.e., from curb stop to water meter) is completed at a commercial property, the Contractor shall be paid under Item 3A. Replacement includes scheduling all service line replacement appointments with homeowner, residents, property owners or tenants, plumbing permit acquisition and fees, piping, coring and patching through wall or floor, drywall restoration, ball valves, relocation of meter and all appurtenances as required by the Rhode Island Plumbing Code and to make all connections as listed in A above, installation of a temporary bonding jumper if water line is used for grounding, procurement and placement of warning tape, temporary and permanent sidewalk and/or yard restoration, flushing at the meter or hose bib, leak testing, equipment required for erosion and sediment control, and protection of existing trees. New curb boxes for commercial private side only replacements will be paid under Item 1D.1 as directed by the Engineer. No full replacements will be paid for under Item 3A. An RPZ is required at all commercial locations and shall be included in Bid Item 3A.

2. **(Item 3B) Lead Service Line Replacement – Commercial – Private Side Portion of a Full Replacement** - Measurement will be based on the number of installations completed from the curb stop to water meter at a commercial property within the Work Area only where the public side installation is also being replaced (full replacement) and shall be contingent on the submission of comparable pre-construction and post-construction photographs of each installation and complete record documents, including all required permits, for each property. Replacement includes scheduling all service line replacement appointments with property owners, plumbing permit acquisition and fees, piping, coring and patching through wall or floor, drywall restoration, ball valves, relocation of meter and all appurtenances as required by the Rhode Island Plumbing Code and to make all connections as listed in A above, installation of a temporary bonding jumper if water line is used for grounding, procurement and placement of warning tape, temporary and permanent sidewalk and/or yard restoration, equipment required for erosion and sediment control and protection of existing trees, flushing at the meter or hose bib, and leak testing. Full Replacements performed under this contract within the Work Area will be paid for as the sum of Item 1B and Item 3B. An RPZ is required at all commercial locations and shall be included in Bid Item 3B.

C. Payment

1. Payment for **Item 3A Lead Service Line Replacement – Commercial – Private Side Only** and **Item 3B Lead Service Line Replacement – Commercial – Private Side Portion of a Full** shall be provided once the following components are completed:
 - a. **Administration:** Price and payment shall include, but not be limited to customer coordination, printing and distributing door hangers for notifications of service disturbance, local agency coordination, any preparation, submittal, and fees associated with permitting, inspections and scheduling; pipe material validation through interior inspection or test pit; pre-construction photographs; and all other preliminary documentation as required by the Contract.
 - b. **Site Preparation:** Price and payment shall include, but not be limited to temporary traffic control including traffic signage; erosion and sediment control; mobilization (sanitary facilities, insurance, temporary construction facilities, construction vehicle parking and storage, bonds, permit acquisition and fees, project coordination, control of work, project signs, scheduling, and preparation and submittal of contract required work plans); temporarily support and protection of all existing utilities and structures; all trench excavation up to depth of 5 feet (including hand, vacuum, rock and boulders and concrete road base excavation); excavation support and protection (as required); dewatering and drainage.
 - c. **Service Replacement:** Price and payment shall include, but not be limited to: temporary water for customer (as required); furnishing and installation of water service line (up to and including 2-inches in size) to limits defined in individual bid items by trenchless methods or by open-cut methods when approved by the Engineer, including pipe, all the necessary adapters, reducers, fittings and appurtenances of the necessary size required to connect to existing piping; coring through the existing foundation or wall, relocation of the meter and installation of items required to meet the Rhode Island Plumbing Code and as shown on the details in the Appendices,

filling the existing meter pit with concrete, flushing at the meter or hose bib, drywall restoration, patching and waterproofing of new and abandoned penetrations; flushing, testing of the new service line, placing the service line into service; existing lead water service line and appurtenances demolition or abandonment; backfill materials as shown on the details in the Appendices; compaction; restoring the trench surface to grade or the limits of roadway base course; stockpiling, sampling and laboratory testing of excess excavated material including, but not limited to, soil, spoil, rubble, concrete, asphalt, vegetation, etc. Payment for these items shall include all work required for or incidental to the satisfactory completion of the Items for which payment is not provided under other items in the Bid Form.

- d. **Restoration on Private Side:** Price and payment shall include, but not be limited to GPS coordinates of the curb stop, and where the service line enters the house, service application records, closeout documentation including photographs; repairs and cleaning of interior work spaces; drywall restoration, patching and waterproofing of new and abandoned penetrations; loaming and seeding; temporary and permanent restoration of sidewalk, and all other testing required to complete the project as specified herein; transportation and disposal of excess excavated material, spoil, rubble, concrete, asphalt, vegetation, lead pipes and construction debris, etc. in accordance with all Federal, State and local regulations; including all labor, materials and necessary equipment; removal of erosion and sediment control; all work required for or incidental to the satisfactory completion of the Items for which payment is not provided under other items in the Bid Form.
- e. All items, including restoration, must be fully completed prior to requesting payment in full for Bid Items 3A and 3B. A payment of 50% can be requested if a service line is installed but the restoration is not yet complete.
- f. When a public side only replacement (i.e. from main to curb stop) is completed at a commercial property, the Contractor shall be paid under Item 1A.1 or 1A.2.

3.07 FILL MATERIALS (ITEMS S-1A - S-1C)

A. General

- 1. **Imported Common Fill (Item S-1A)** - will be utilized for backfill of miscellaneous work at the direction of the Owner. This item shall include handling, transportation placing of common fill where the native hazardous material or unsuitable material is being replaced by common fill.
- 2. **Crushed Stone (Item S-1B) and Flowable Fill (Item S-1C)** - will be installed on an as-needed basis for miscellaneous work at the direction of the Owner throughout the course of the project.

B. Measurement

- 1. **(Item S-1A) Common Fill and (Item S-1B) Crushed Stone** - Measurement will be based on cubic yards installed as measured in place by the Owner and as allowable per the

maximum trench payment width for trenches as indicated in the Contract Documents or the actual amount placed, whichever is less, if and when directed. Under no circumstances will measurement for payment under this item be made unless specifically approved by the Owner to replace unsuitable soil.

2. **(Item S-1C) Flowable Fill** - Measurement will be based on cubic yards installed in place as measured by the Owner, if and when directed. Under no circumstances will measurement for payment under this item be made unless specifically approved by the Owner. If used in trenches, the payment limits shall not exceed the trench widths as indicated in the Contract Documents or the actual amount placed, whichever is less.

C. Payment

1. Payment for **Items (Item S-1A) Imported Common Fill** and **(Item S-1B) Crushed Stone** shall be as follows - Price and payment shall be full compensation for, but not limited to: purchasing, transporting, testing, washing, placement, compaction, loading, unloading, reloading; including all labor, materials and necessary equipment; all work required for or incidental to the satisfactory completion of the Items for which payment is not provided under other items in the Bid Form. Backfill materials related to service line replacements shall be paid for under the respective replacement items.
2. Payment of **Item S-1C Flowable Fill** shall be as follows- Price and payment shall be full compensation for, but not limited to: purchasing, transporting, testing, pumping, placement, finishing, including all labor, materials and necessary equipment; all work required for or incidental to the satisfactory completion of the Items for which payment is not provided under other items in the Bid Form.

3.08 MISCELLANEOUS CONCRETE (ITEM S-2)

A. General

1. **Miscellaneous Concrete** - The installation of miscellaneous concrete will be performed on an as-needed basis as directed by the Owner throughout the course of the project. Miscellaneous concrete shall contain no wire or steel reinforcement. In general, the installation of miscellaneous concrete will be undertaken whenever any construction work is required as a result of service line replacement, curb stop installation, or otherwise deemed necessary in the field.

B. Measurement

1. **(Item S-2) Miscellaneous Concrete** - Measurement will be based on cubic yards installed as measured by the Owner, if and when directed and as not included already in another bid item.

C. Payment

1. Payment for **Item S-2 Miscellaneous Concrete** shall be as follows - Price and payment shall be full compensation for, but not limited to: formwork, purchasing and transporting all concrete used for the Work; all labor, material (including expansion joints) and

equipment required to properly place, prepare, finish and protect the concrete, concrete testing; and all other incidentals to the Work for which separate payment is not provided under other items in the Bid Form. Concrete shown on the Details in the Appendices or as listed in other bid items will not be paid for under this bid item.

3.09 MISCELLANEOUS WORK AT DIRECTION OF THE OWNER (ITEM S-3)

A. General

1. This item is intended to pay the Contractor for performing emergency repairs of water, sewer utilities and services for correction of any unforeseen conditions as discovered during the performance of the work as directed and approved by the Owner. Utility repairs resulting from activities related to the Contractor's convenience or negligence will not be paid for under this item and will be paid for by the Contractor at no additional cost to the Owner.

B. Measurement

1. **(Item S-3) Miscellaneous Work at Direction of the Owner** - Measurement shall be based on the Contractor's time and material costs for performing emergency repairs of water and sewer utilities, as approved by the Owner. Contractor shall notify the Owner's representative prior to proceeding with time and material work and shall provide time and material ticket to the Owner's representative the day the work is performed. No time and material tickets will be accepted if not provided within 48 hours of work being performed.

C. Payment

1. Payment for **Item S-3 Miscellaneous Work at Direction of the Owner** will be made on the actual amount of work done approved and measured by the Owner. Emergency repairs of water and sewer utilities shall include but not be limited labor, materials and equipment required for repair and replacement of water and sewer utilities and services utilizing the methods allowed herein and shall be full compensation for all work related to cutting existing pavement and excavation; excavation support and protection (as required); dewatering and drainage; repair of utility pipelines as directed by the Owner; backfilling with native soil; compaction; restoring the trench surface to grade; restoring all physical features to grade including furnishing, installing, placing, compacting and sweeping; dense-graded base course, formwork, curing, concrete sidewalks, driveway aprons, concrete curb, initial paving, roadway concrete subbase, resetting or replacing of existing slate sidewalks and granite curbs, asphalt or concrete stamping, resetting or replacement of brick or rock pavers, pavement markings; painting, patching; cleaning, chlorinating; and all other incidentals to the satisfactory completion of this Item.
2. Services shall be based on the Contractor's time and material costs for performing the work as approved by Owner.
3. Only work authorized in writing by the Owner will be allowed to be reimbursed under this item.

END OF SECTION

Private Side Replacement Applications - 10Yr. 0% Loan

Address	Incident City	Agreement Type	Replacement Type	Stop #	Est Private Side Length	Est Public Side Length
154 FRIENDLY RD, CRANSTON, RI, 02910	CRANSTON	10 YR - 0% LOAN	Partial - Private Side Only	104284	30	
34 BRIGHTWOOD AV, PROVIDENCE, RI, 02908	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	52711	22	
126 LANCASTER ST, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	108356	22	
95 GARFIELD AV, PROVIDENCE, RI, 02908	PROVIDENCE	10 YR - 0% LOAN	Full - Public & Private Side	46391	21	22
54 PRESTON ST, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	96045	11	
75 RAVENSWOOD AV, PROVIDENCE, RI, 02908	PROVIDENCE	10 YR - 0% LOAN	Full - Public & Private Side	46463	41	7
139 SMITH ST, CRANSTON, RI, 02905	CRANSTON	10 YR - 0% LOAN	Partial - Private Side Only	90261	29	
43 WADE ST, PROVIDENCE, RI, 02903	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	112767	6	
12 ELTON ST, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	152608	25	
16 ELTON ST, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	152610	25	
155 ELTON ST, PROVIDENCE	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	152487	26	
440 PARK AV, CRANSTON, RI, 02910	CRANSTON	10 YR - 0% LOAN	Partial - Private Side Only	108571	34	
346 ROCHAMBEAU AV, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	156645	34	
212 IVY ST, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	108325	18	
316 NELSON ST, PROVIDENCE, RI, 02908	PROVIDENCE	10 YR - 0% LOAN	Full - Public & Private Side	49895	26	19
77 MYRTLE AV, CRANSTON, RI, 02910	CRANSTON	10 YR - 0% LOAN	Full - Public & Private Side	48866	18	7
420 WAYLAND AV, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	155855	10	
37 TWELFTH ST, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	98096	9	
201 ENFIELD AV, PROVIDENCE, RI, 02908	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	53227	25	
21 BLACKAMORE AV, CRANSTON, RI, 02910	CRANSTON	10 YR - 0% LOAN	Partial - Private Side Only	111607	20	
103 JOHN ST, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	74282	10	
66 OVERHILL RD, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	153830	24	
517 PLEASANT VALLEY PKWY, PROVIDENCE, RI, 02908	PROVIDENCE	10 YR - 0% LOAN	Full - Public & Private Side	35514	26	29
21 LUZON AV, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	155841	18	
694 PONTIAC AV, CRANSTON, RI, 02910	CRANSTON	10 YR - 0% LOAN	Full - Public & Private Side	53148	30	7
20 FRIENDLY RD, CRANSTON, RI, 02910	CRANSTON	10 YR - 0% LOAN	Partial - Private Side Only	104241	28	
87 WATERMAN AV, CRANSTON, RI, 02910	CRANSTON	10 YR - 0% LOAN	Partial - Private Side Only	112918	18	
139 NINTH ST, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	106515	22	
141 COLE AV, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	155825	30	
22 LAWN ST, PROVIDENCE, RI, 02908	PROVIDENCE	10 YR - 0% LOAN	Full - Public & Private Side	13024	12	19
152 WOODBINE ST, CRANSTON, RI, 02910	CRANSTON	10 YR - 0% LOAN	Partial - Private Side Only	107944	19	
101 GARFIELD AV, PROVIDENCE, RI, 02908	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	35826	21	
188 BOWEN ST, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	90372	18	
300 PRESIDENT AV, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	112241	40	
101 EAST MANNING ST, PROVIDENCE	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	112416	11	
56 ARMSTRONG AV, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	95975	8	
162 LAUREL AV, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	155952	36	
164 PROSPECT ST, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Full - Public & Private Side	12599	28	19
96 ARNOLD ST, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	154140	16	
70 SANDRINGHAM AV, PROVIDENCE, RI, 02908	PROVIDENCE	10 YR - 0% LOAN	Full - Public & Private Side	49193	24	19
66 GLEN AV, CRANSTON, RI, 02905	CRANSTON	10 YR - 0% LOAN	Partial - Private Side Only	151864	42	
41 ZONE ST, PROVIDENCE, RI, 02908	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	107412	15	
77 EAST GEORGE ST, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	112408	10	

Private Side Replacement Applications - 10Yr. 0% Loan

3 FAIRVIEW AV, CRANSTON, RI, 02905	CRANSTON	10 YR - 0% LOAN	Partial - Private Side Only	93760	18	
115 OCEAN AV, CRANSTON, RI, 02905	CRANSTON	10 YR - 0% LOAN	Partial - Private Side Only	152078	16	
45 EAMES ST, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Full - Public & Private Side	50418	34	22
120 COLUMBIA AV, CRANSTON, RI, 02905	CRANSTON	10 YR - 0% LOAN	Partial - Private Side Only	113211	52	
114 COLUMBIA AV, CRANSTON, RI, 02905	CRANSTON	10 YR - 0% LOAN	Partial - Private Side Only	113210	52	
224 RANKIN AV, PROVIDENCE, RI, 02908	PROVIDENCE	10 YR - 0% LOAN	Full - Public & Private Side	44669	22	25
98 DEXTERDALE RD, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	82864	22	
94 WINTHROP AV, PROVIDENCE, RI, 02908	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	94823	12	
395 WAYLAND AV, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	156402	30	
527 RIVER AV, PROVIDENCE, RI, 02908	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	160573	34	
22 EMELINE ST, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Full - Public & Private Side	39764	28	7
185 COLE AV, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	156391	21	
15 ADELPHI AV, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	152451	15	
170 FIFTH ST, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	106347	45	
178 NINTH ST, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	106527	20	
125 MORRIS AV, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	156163	30	
101 HOLDEN ST, PROVIDENCE, RI, 02908	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	150281	18	
260 PRESIDENT AV, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	112233	24	
132 SIXTH ST, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	106419	18	
5 GEORGE WATERMAN RD, JOHNSTON, RI, 02919	JOHNSTON	10 YR - 0% LOAN	Full - Public & Private Side	311149	24	7
317 JASTRAM ST, PROVIDENCE, RI, 02908	PROVIDENCE	10 YR - 0% LOAN	Full - Public & Private Side	22730	18	7
168 TRANSIT ST, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	96703	10	
68 BENEVOLENT ST, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	155099	14	
64 BARNES ST, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Full - Public & Private Side	28325	18	7
98 TRANSIT ST, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	154262	6	
204 NELSON ST, PROVIDENCE, RI, 02908	PROVIDENCE	10 YR - 0% LOAN	Full - Public & Private Side	44972	23	19
154 FIFTH ST, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	106341	21	
9 ALMIRA AV, PROVIDENCE, RI, 02909	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	102120	13	
22 WHITFORD AV, PROVIDENCE, RI, 02908	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	26873	25	
35 WATERMAN AV, JOHNSTON, RI, 02919	JOHNSTON	10 YR - 0% LOAN	Partial - Private Side Only	107797	19	
186 CAMP ST, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	155231	19	
82 KEENE ST, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	19775	24	
49 DENVER AV, CRANSTON, RI, 02905	CRANSTON	10 YR - 0% LOAN	Full - Public & Private Side	32770	36	29
10 ARNOLD ST, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	154003	11	
22 GROVE ST, PROVIDENCE, RI, 02909	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	157563	15	
31 LAWN ST, PROVIDENCE, RI, 02908	PROVIDENCE	10 YR - 0% LOAN	Full - Public & Private Side	18359	10	7
274 BLACKSTONE BLVD, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Full - Public & Private Side	29760	37	7
120 TENTH ST, PROVIDENCE, RI, 02906	PROVIDENCE	10 YR - 0% LOAN	Partial - Private Side Only	106551	11	
143 FERNCREST AV, CRANSTON, RI, 02905	CRANSTON	10 YR - 0% LOAN	Partial - Private Side Only	154554	37	
332 BAY VIEW AV, CRANSTON, RI, 02905	CRANSTON	10 YR - 0% LOAN	Partial - Private Side Only	104779	13	
21 RHODES AV, CRANSTON, RI 20905	CRANSTON	10 YR - 0% LOAN	Partial - Private Side Only	150044	23	
337 JASTRAM ST, PROVIDENCE, RI 02908	PROVIDENCE	10 YR - 0% LOAN	Full - Public & Private Side	39578	10	7

Private Side Replacement: 65

Public & Private Replacement: 20

Total (as of 1/17/2025): 85