

**Performance Work Statement
Department of Veterans Affairs
Newington Connecticut VAMC
Potable Water System**

1. PROJECT SCOPE OF WORK

Corrosion Control Chemical Water Treatment System for the Potable Water Systems Operation for the Newington Campus of the VA Connecticut Healthcare System.

The Contractor shall be responsible for all labor, materials, tools and equipment, chemicals and comprehensive service required to maintain proper chemical levels and oversee maintenance of the Klenphos-400 chemical injection systems.

Drinking Water Section Water Quality Monitoring Schedules for the registered water systems for each of the Newington VA Medical Center's Public Water Systems.

All Laboratory analysis shall be conducted by a Department of Public Health approved laboratory for drinking water analysis. Further information can be obtained directly from the Environmental Laboratory Certification Program by calling (860) 509-7389 or by accessing the website at www.ct.gov/dph/environmentallabs

All testing, sampling, and reporting shall be in accordance with the State of Connecticut Department of Public Health (CTDPH) Regulation Title 25 Section 25-32d Water Resources, for the four Public Water Systems (PWS) at the facility. The contractors shall follow the most current Water Quality Monitoring schedule for the subject public water systems as posted by the Connecticut Department of Health-Drinking Water Section and the facility's approved Sampling Point Inventory Schedule for each system.

Each PWS contains five approved sampling points for a total of twenty (20) approved sampling points. The water systems are classified as:

1. Complete oversight of the point of entry treatment systems for Buildings 1, 2C, 2E and 3&42 for corrosion control due to elevated lead and copper levels within the buildings.
 - a. Provide a State of CT certified Class I water treatment plant operator to act as the "chief operator" per sections 25-32-7a through 25-32-14 of the Regulations of Connecticut State Agencies.
 - i. State of CT certified Class I water treatment plant operator shall be on site at a minimum of one per month, site visits shall include inspection of chemical, storage, feed & control equipment and oversee maintenance of the Klenphos-400 chemical injection systems. It is expected that the contractor shall make additional visit(s) for troubleshooting and/or to make adjustments to the equipment as a result of water quality tests
 - ii. Provide ANSI / NSF Standard 60 Certified anti-corrosion product Klenphos-400 and maintain sufficient product as to prevent the systems from running out of the product and to maintain the water concentration of zinc and phosphate within the required ranges as dictated by the Connecticut Department of Public Health, approximately 55 gallons per year.
 - iii. Provide copies of completed inspection checklists and service tickets to the facility within 48 hours of site visit.
 - iv. Attend meetings/inspections that are scheduled by the CTDPH, meetings are normally scheduled every two years however, they can take place yearly.

- v. Respond to CTDPH requests for information and improvements to corrosion control, such as optimal corrosion control treatment (OCCT) proposals
 - vi. Make suggestions to improve water quality. Required after any failed water quality test, and/or at the request of the CTDPH as a result of failed tests. Suggestions shall be submitted VIA email within 30 days of the failed test or by the deadline given by the CTDPH.
 - vii. Be available to reset/reprogram, and troubleshoot the equipment as needed.
- b. Provide technical information as needed (e.g., equipment manuals) and training facility plumbers on the system function and how to respond to equipment interruption or failure and the importance of using lead free solder and changing out old plumbing fixtures.
2. Provide parts and labor to provide preventative maintenance and make repairs as needed
3. Provide all necessary sampling, testing, and reporting per State of Connecticut Department of Public Health (CT DPH) regulations for the (4) consecutive public water systems (PWS) and per the most current "Water Quality Monitoring Schedule" as posted by the CTDPH, and the facility's Sampling Point Inventory Form for each system. There are five (5) sampling points per system for a total of twenty (20) sampling points. The water systems are classified as follows:
- a. Non-Transient Non-Community (NTNC) consecutive PWS
 - Building 1 - PWS ID: CT CT0949053
 - Building 2C - PWS ID: CT0949063
 - Building 2E - PWS ID: CT0949073
 - Building 3 & 42 - PWS ID: CT094074

The table below is provided as a SAMPLE copy of required routine sampling requirements. The sample type and quantities are estimates only and are subject to be changed by State of Connecticut Department of Public Health-Drinking Water Section.

Table 1. Estimated Required Routine Samples for all of the water systems			
Sample	Number of Samples	Frequency	Total Samples for the year
Asbestos (1094)	3	Once	3
Total Coliform (3100)	4	Quarter	16
Lead (Pb)	30	Per Six months	60
Copper (Cu)	30	Per six months	60
Physical Parameters (PPS)	4	Quarter	16
Phosphate (as PO ₄)	8	Month (biweekly)	96
Total Zinc (Zn)	8	Month (biweekly)	96

Water Quality Parameters Orthophosphate Distribution	4	Per six months	8
Water Quality Parameters with Orthophosphate Treatment Plant	4	Per six months	8

The samples in Table 1 are estimated and are subject to change by the State of Connecticut Department of Public Health.

4. Provide asbestos testing for three (3) public water systems during the base year. Select from active sampling points.
5. Provide quarterly total Coliform testing. For each public water system. Select from active sampling points.
6. Routine per six months sampling and analysis of lead and copper for each public water system, to evaluate the effectiveness of the treatment program or follow up retesting due to failed samples as facility needs arise, from sampling points approved or requested by the Connecticut Department of Public Health.
7. Provide Physical Parameters (PPS) testing 1 routine per quarter per public water systems. Select from active sampling points
8. Bi-weekly sampling and analysis of orthophosphate as phosphate at the first available tap after chemical treatment and any adjustment to feed rate needed to maintain a residual below 10 ppm.
9. Bi-weekly sampling and analysis of zinc (Zn) residuals at the first available tap after chemical treatment and any adjustment to feed rate needed to maintain a residual initially between 0.1 to 0.4 parts per million (ppm) to establish an inhibitory film on the pipes and then slowly lowering to between 0.05 and 0.15 ppm.
10. Water Quality Parameters orthophosphate distribution. Select from inventory of active sampling points
11. Water Quality Parameters with Orthophosphate – Treatment Plan sampling points
12. Provide Water quality parameters testing every 6 months (2 times per year) from the orthophosphate distribution and treatment plant sampling locations
13. Provide hard copies of all test results to the facility point of contact (within 7 days of receipt of lab results.

Period of Performance. A contract shall be awarded for a base year (12-months) with four (4) potential annual option years to be exercised at the discretion of the Contracting Officer.

Installation and Certification:

If repairs or replacement parts are required for the system, the vendor shall provide certification specified items meet all identified code and insurance requirements as required by the Government.

Work Location and Restrictions:

Location:

Newington VA Medical Center

555 Willard Avenue

Newington, CT 06111

All work shall be done between the hours of **7:00AM EST to 4:00PM EST** Monday through Friday, weekends, holidays excepted, unless other times are arranged in advance and approved at no additional cost to government and approved in writing by the VA POC. When the contractor's work interferes with hospital functions, such as when work produces excessive noise, odors, dust, utility service interruptions, or other interferences with normal hospital operations that cannot be contained within the area of work, the contractor shall schedule said work at other than normal hours and as directed by the Project Manager at no additional cost to the Government.

2. Records Management Language for Statement of Work

Contractor shall treat all deliverables under the contract as the property of the U.S. Government for which the Government Agency shall have unlimited rights to use, dispose of, or disclose such data contained therein as it determines to be in the public interest.

Contractor shall not create or maintain any records that are not specifically tied to or authorized by the contract using Government IT equipment and/or Government records.

Contractor shall not retain, use, sell, or disseminate copies of any deliverable that contains information covered by the Privacy Act of 1974 or that which is generally protected by the Freedom of Information Act.

Contractor shall not create or maintain any records containing any Government Agency records that are not specifically tied to or authorized by the contract.

The Government Agency owns the rights to all data/records produced as part of this contract.

The Government Agency owns the rights to all electronic information (electronic data, electronic information systems, electronic databases, etc.) and all supporting documentation created as part of this contract. Contractor must deliver sufficient technical documentation with all data deliverables to permit the agency to use the data.

Contractor agrees to comply with Federal and Agency records management policies, including those policies associated with the safeguarding of records covered by the Privacy Act of 1974. These policies include the preservation of all records created or received regardless of format [paper, electronic, etc.] or mode of transmission [e-mail, fax, etc.] or state of completion [draft, final, etc.].

No disposition of documents will be allowed without the prior written consent of the Contracting Officer. The Agency and its contractors are responsible for preventing the alienation or unauthorized destruction of records, including all forms of mutilation. Willful and unlawful destruction, damage or alienation of Federal records is subject to the fines and penalties imposed by 18 U.S.C. 2701. Records may not be removed from the legal custody of the Agency or destroyed without regard to the provisions of the agency records schedules.

Contractor is required to obtain the Contracting Officer's approval prior to engaging in any contractual relationship (sub-contractor) in support of this contract requiring the disclosure of information, documentary material and/or records generated under, or relating to, this contract. The Contractor (and any sub-contractor) is required to abide by Government and Agency guidance for protecting sensitive and proprietary information.

3. SECURITY:

No employee of the contractor shall enter the project site without a valid identification badge issued by the VA. To obtain a short-term identification badge, contractor personnel shall present to the Project Manager a valid (non-expired) photo identification issued by a US federal, state, or local government agency.

All contractor personnel are subject to inspection of personal effects when entering or leaving the project site.

Additional Information:

The Department of Veterans Affairs is a smoke free environment and smoking is not permitted at the facility.

COVID-19 Precautions:

Face coverings are required to be worn while on station. See internal VA POC for precaution updates prior to arrival on station.

COVID-19 precautions can potentially change at any time; contractors shall be required to follow all current COVID-19 regulations.

Privacy and HIPAA:

Contractor policies and procedures shall comply with all VA Privacy and Security, the Privacy Act and Health Insurance Portability and Accountability Act (HIPAA).