



330 East Kilbourn Avenue, Suite 1149  
Milwaukee, Wisconsin 53202  
tel: 414 291 5100

August 10, 2022

Chad Regalia, PE  
Chief Engineer  
Racine Water Utility  
101 Barker Street  
Racine, Wisconsin 53402

Re: Proposal  
Lead Service Line Replacement Assistance

Dear Chad,

The Racine Water Utility (RWU, Utility) is charged with delivering safe and reliable drinking water to its customers. As such RWU is taking advantage of the State of Wisconsin's Safe Drinking Water Loan (SDWL) program to replace a number of private lead service lines (LSLs) in 2022. The replacement program in 2022 will be a pilot program that will help the Utility develop a future private LSL replacement program.

We are pleased to submit our team's proposal to assist the Utility in its continued efforts to proactively provide safe and reliable water to its customers. The CDM Smith Team's **expertise is an exact match** to RWU's need for developing an LSL Replacement Specification and potentially a future LSL Replacement Program to meet the DNR's and EPA's requirements.

## Project Understanding

It is our understanding that RWU will publicly bid both public-side and private-side LSL replacements in the fall of 2022. The Utility is looking for assistance in identifying and completing the tasks needed to complete this work in 2022 and allow for continued replacements in future construction years.





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## Scope of Services

CDM Smith has developed the following tasks for RWU's LSL Replacement initiative:

### **Task 1: Kick Off Meeting and Workshop**

The CDM Smith team will meet with RWU staff to conduct a workshop aimed at understanding the level of detail needed for the Utility to advertise, bid, and award an LSL Replacement project. Items to be discussed include, but are not limited to:

- Public Outreach needs
- City and State bidding requirements
- Pre-qualifications for bidders
- Right-of-Entry
- Restoration inside and outside of homes where LSLs are replaced
- Bid items and estimates
- Schedule
- Integration into other Public Works bid packages
- Support expected from RWU Staff and CDM Smith Staff to complete the 2022 initiative

Deliverable: Meeting/Workshop Agenda and Meeting Minutes

### **Task 2: Outreach Support**

CDM Smith staff is experienced with handling the public outreach for LSLR programs. We have developed forms for homeowners to consent to program participation and site-specific demolition and restoration plans to promote clear communication between the contractor and the homeowner and develop realistic homeowner expectations. Depending on the needs of RWU, CDM Smith can support Utility staff in a number of efforts for Public Outreach, including, door knocking, phone calls, emails, and mailers for communicating with homeowners. CDM Smith can also provide sample outreach letters and right-of-entry forms as needed.

Deliverable: Sample right-of-entry forms, sample outreach letter, review comments for RWU outreach documentation, 16 hours of preconstruction inspection dedicated to outreach with individual property owners; note that RWU staff will complete inspections during construction





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### **Task 3: Design and Specification Support**

Based on the results of Task 1, the CDM Smith team will provide support in developing LSL Replacement specifications for public bidding. Support from CDM Smith can range from review of bid documents to drafting and completing the entirety of the bid package as needed by RWU. These specifications include:

- Pre-qualifications form (optional)
- Reference to Davis-Bacon Wage Rates
- Reference to Buy American Provisions
- Bid Form
- Price and Payment Procedures
- Trenching and Backfilling
- Private Water Service Replacements
- Restoration
- Other specification as needed

In addition, the CDM Smith team can conduct the desktop environmental reviews required by the State of Wisconsin for the SDWL funding.

Deliverable: As negotiated

### **Task 3: Preconstruction and Construction Inspections**

CDM Smith can support RWU staff in conducting preconstruction and construction inspections on an as needed basis. Support can include in-field coordination, inspection form development, inspection ride-alongs, part-time, and full-time inspection, or inspection reviews. We will discuss the support needed during Task 1 and throughout the project.

Deliverable: As Negotiated

### **Task 4: As Needed Program Support**

CDM Smith staff is available to provide our expertise and experience on an as-needed basis. We have estimated 40 hours of support.







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## Fee

The CDM Smith team will complete the proposed Scope of Services on a time and materials basis depending on the need of RWU. We have provided an hours and fee estimate for your consideration.

Task 1: Kick Off Meeting and Workshop (est. 12 hours).....	\$2,750
Task 2: Outreach Support (est. 26 hours) .....	\$8,000
Task 4: As Needed Program Support (est. 40 hours) .....	\$9,500
<u>Other Direct Costs (estimated) .....</u>	<u>\$1,500</u>
Total .....	\$21,750

## Schedule

We understand that RWU would like to put the LSL Replacement project to public bid before September 1, 2022. CDM Smith is prepared to begin working with RWU staff immediately upon notice to proceed.

We are looking forward to partnering with RWU to provide a program that will meet DNR's requirements and provide guidance for the Utility to continue to provide safe, abundant drinking water.

Sincerely,

CDM Smith  
Matthew J Bednarski, PE, ENV SP  
Client Service Leader