



247 Freshwater Way, Suite 527
Milwaukee, Wisconsin 53204
tel: 414 291 5100

November 1, 2024

Anjuman Islam
Director
Racine Water Utility
City Hall Annex
800 Center Street, Room 227
Racine, Wisconsin 53403

Re: Proposal
Lead Service Line Replacement Plan

Dear Ms. Islam,

We are pleased to submit the CDM Smith proposal to assist the Racine Water Utility (Utility) in its continued efforts to proactively provide safe and reliable water to its customers.

Project Understanding

As a follow-up to our discussion regarding accelerating lead replacements in Racine over the next few years to take advantage of available funding, CDM Smith recommends the development of a Lead Service Line Replacement (LSLR) Plan meeting USEPA and DNR's requirements, and better positions the Utility for the available funding. The LSLR Plan will provide the Utility with a roadmap for replacements and identifies required funding, resources, and strategies for successful execution.

Scope of Services

Task 1: Project Management and Meetings

CDM Smith will complete the following as part of this Task:

- Hold project kickoff meeting
- Review the existing lead service line inventory provided by the Utility
- Project management throughout the project duration, including scope, schedule and budget tracking





Ms. Anjuman Islam

November 1, 2024

Page 2

- Monthly status reports to the Utility
- Workshops and DRAFT LSLR review meeting as noted in Task 2.

CDM Smith will organize include bi-weekly virtual progress meetings to discuss project progress, questions and open issues.

Task 2: LSLR Plan

CDM Smith will develop an LSL replacement plan that is in accordance with the EPA Lead and Copper Rule Improvements (LCRi), and WDNR requirements. The Plan will include the following components:

- Plan for replacement of LSLs
- Plan for reducing and identifying unknown services
- Public outreach plan
- Identify funding sources
- Identify required ordinances
- Develop methods for replacement/construction
- Prioritize replacement of LSLs over the planning horizon; prioritization will include the Utility's water main replacement plan
- Up to three Workshops/meetings with the, Utility staff, Board, Community stakeholders, and WDNR
- Draft and final LSLR reports (incorporating comments from Utility and WDNR)
- A formal presentation of the final plan to the Racine Water Commission
- To develop the final LSLR Plan, CDM Smith will submit a draft plan for review and comments. After these comments are incorporated, CDM Smith will submit the final draft version to the WDNR.
- CDM Smith will conduct one review meeting for review the draft LSLR Plan.





Ms. Anjuman Islam
November 1, 2024
Page 3

Assumptions

CDM Smith made the following assumptions in developing this proposal:

- Existing service line inventory has been developed by the Racine Water Utility and has been transferred to CDM Smith in GIS format.
- Required data for developing the LSLR Plan will be transferred to CDM Smith by the Racine Water Utility in electronic format, including, but not limited to, a capital improvement plan (CIP) related to water main replacement.

Fee

CDM Smith will complete the proposed Scope of Services for the lump sum fee of \$84,215.00 including project expenses. Below is a breakdown by task. We have attached a level of effort by task to this proposal.

Task 1, Project Management and Meetings	\$15,982.00
Task 2, LSLR Plan.....	\$68,233.00

Total.....	\$84,215.00
-------------------	--------------------





Ms. Anjuman Islam

November 1, 2024

Page 4

Schedule

CDM Smith will commence the project immediately upon Notice to Proceed from the Racine Water Utility. We anticipate completing the Plan within 90 days of the NTP and receipt of the requested information and documents from the Utility.

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

Sincerely,

A handwritten signature in blue ink, reading "Matthew J. Bednarski".

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



Racine Water Utility Lead Service Line Replacement Plan CDM Smith November 2024		Bednarski, Matthew J	Client Service Leader	Atassi, Amrou	Technical Advisor	Brownstein, Susan	Project Manager	Lagunas, Anna M	LSLR Plan	Hansen, Heather	GIS	Rane, Sony	Outreach Plan	Viteri, Alex	Project Engineer	O'Neill, Sarah S	Support Team	Hours
Task 1 Project Management and Meetings																		
1.1 Project Management		2	2	2	16													20
1.2 Review Data					10													10
1.3 Status Meetings		8	8	8	8													24
Subtotal Task 1		10	10	10	34	0	0	0	0	0	0	0	0	0	0	0	0	54
Task 2 LSLR Plan																		
2.1 Develop LSL Replacement Plan		7	3	3	7	17	10	3	14									61
2.2 Develop Outreach Plan		5	3	3	3	3			5									19
2.3 ID Funding Sources		3	3	3	3	3			20									32
2.4 ID Required Ordinances			3	3	3	3												9
2.5 Develop Replacement/Construction Methods		3	3	3	7	7			7									17
2.6 Prioritize LSL Replacement		20	20	14	14	7	26		10									59
2.7 Workshops/Meetings with Council and WDNR		3	10	20	20	10	26		14									61
2.8 Draft and Final LSLR reports		41	45	60	60	60	62	3	70									93
Subtotal Task 2																		351
Total		51	55	94	60	62	3	70	10	405								