

Water System Leak Detection Services Request for Proposals



RFP Closes October 20, 2020 @ Noon

Overview

Diablo Water District (District) invites qualified firms/consultants (consultant) to submit proposals for leak detection services of the District's nearly 200 miles of water mains, over 12,000 service connections and 1,600 hydrants.

District Background

The District, with a staff of 17 employees, obtains, treats and supplies water for approximately 45,000 people and the parks, schools and businesses throughout a 21-square-mile area consisting of Oakley, Cypress Corridor and Hotchkis Tract, as well as Summer Lakes, and portions of Bethel Island and Knightsen.

This will be the first time the District has undertaken a system wide leak detection program. Currently, the District experiences 20-30 visible leaks per year, with a majority of these being on failing service saddles and laterals. Most leaks are repaired by District staff.

Scope of Work

- Consultant will review the District's most recent AWWA M36 water loss analysis.
- Use industry leading sensitive transducers/acoustic listening at hydrants, blow offs, service lines, water valves, etc. to survey leaks for nearly 200 miles of water mains.
- Use computer correlation devices at locations to pinpoint leak locations. Locations will be confirmed via listening devices.
- Report:
 - Consultant will report, via email, to the designated representative(s) of the District on a daily basis regarding leaks found the previous day, including location and estimated gpm.
 - Consultant will prepare illustrated leak locations on diagrammatic reports, including the following information:
 - Photograph of location;
 - Address/cross street;
 - Leak type;
 - Estimated gpm, gpd, and gpy;
 - Visual water (Y/N);
 - Pipe material (based on District maps), size, and groundcover type; and
 - Date leak discovered.
 - At the conclusion of the survey, a final report will be prepared and submitted to the District. The report will include the following:
 - A written summary of the project, including miles surveyed, number of leaks found, and description of difficult areas to survey and what could be done to resolve this in the future; and
 - The original individual leak reports with a summary table; and
 - A table calculating the cost of the water for the leaks, using the District's current cost of water.
- All work including generation of final report shall be concluded in a four-week period from start to finish.

Desired Qualifications

An experienced consultant with a minimum of 5 years of field leak detection services for water districts of similar size to Diablo Water District.

Tentative Timing

Milestones	Dates
Issue RFP	October 5, 2020
Last Day for Clarification Questions	October 16, 2020
RFP Closes at Noon	October 20, 2020
Contract Award	October 28, 2020
Project Start	ASAP
Project Completion	Within 4 weeks of project start

RFP Contents

1. Proposals: Please submit one (1) PDF electronic file via email to development@diablowater.org with email subject line: **Proposal for Water System Leak Detection.**
2. Provide a not to Exceed Cost Estimate.
3. Proposed start date.
4. A brief description of the Proposer's firm shall be included.
5. Summary of the Proposer's experience and history in performing this type of work on similar projects.
6. All Proposals shall be for standard 8.5 x 11 inch paper.
7. Information in Proposals shall become public property and subject to disclosure laws. All Proposals shall become the property of the District. The District reserves the right to make use of any information or ideas in the Proposals.
8. By submitting a Proposal, the Proposer represents that it has thoroughly examined and become familiar with the work required under the RFP and that it is capable of providing and performing quality work to achieve the District's objectives.
9. The District shall not, in any event, be liable for any pre-contractual expenses incurred by Proposers in the preparation of their Proposal. Pre-contractual expenses are defined as expenses incurred by the Proposer and include:
 - a. preparing its Proposal in response to this RFP;
 - b. submitting the Proposal to the District;
 - c. negotiating with the District any matter related to the Proposer's Proposal; and
 - d. any other expenses incurred by the Proposer prior to the date of award and execution, if any, of the Agreement.
10. The District reserves the right to negotiate modifications with any Proposer as necessary to serve the best interest of the District. Any Proposal may be rejected if it is conditional, incomplete or deviates from specifications in this request. The

District reserves the right to waive, at its discretion, any procedural irregularity, immaterial defects or other improprieties, which the District deems reasonably correctable or otherwise not warranting rejection of the Proposal. Any waiver will not excuse a proponent from full compliance.

11. Proposers shall describe their approach to the Scope of Work and indicate itemized costs in separate attachments.
12. The District reserves the right to:
 - a. Negotiate the final Agreement with any Proposer(s) as necessary to serve the best interest of the District; or
 - b. Withdraw this RFP at any time without prior notice and, furthermore, makes no representations that any contract will be awarded to any Proposer responding to this RFP.

Contact Information

Wayne Weaver, Maintenance and Construction Manager
development@diablowater.org

Deadline for Submission

Proposals must be received via email by **October 20, 2020 at Noon.**

To confirm receipt, request a reply of confirmation from the District.