




# ERIE COUNTY WATER AUTHORITY

## INTEROFFICE MEMORANDUM

March 15, 2021

To: Terrence D. McCracken, Secretary to the Authority

From: Leonard F. Kowalski, Executive Engineer 

Subject: Request for Proposals  
Corrosion Control Treatment Program - Pipe Loop Demonstration Study  
ECWA Project No. 202100012

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The Erie County Water Authority (ECWA) recently issued a Request for Proposal (RFP) to complete a Pipe Loop Demonstration Study as the next phase of the Authority's on-going Corrosion Control Treatment Program.

In response to revisions to the Lead and Copper Rule, the Authority has completed two studies to review of the Authority's current corrosion control practices. Based on these investigations, it was recommended that a pipe loop demonstration study be conducted to assess the impact of an orthophosphate addition on potential lead release from existing pipe scales. The study will use a pipe loop rig that physically simulates a residential customer service. Lead service lines harvested from our system will be installed in the rig. Water will flow through the rig in a manner to simulate a typical daily residential water use pattern.

The project consists of completion of a study that will include preparation of a Work Plan to set the test conditions and locations, pipe loop rig fabrication, pipe loop operation, and a final report which will be submitted and reviewed with the Health Department. The project also includes related Corrosion Control Program assistance on an as-needed, hourly rate basis. The 2021 Capital Budget includes funds to complete this project which is expected to be conducted over a period of approximately 24-36 months.

RFPs were issued to three consulting engineers: Arcadis, Brown and Caldwell, and Hazen & Sawyer. The RFP was also posted on ECWA's website. Two firms chose to submit proposals for this project (Arcadis and Hazen & Sawyer). This is a single project requiring one consulting firm.

The proposals were reviewed and discussed among the engineering staff. Experience, staffing, scope, and project approach were considered. It was determined that both firms possessed relevant qualifications to perform the proposed work.

Hazen & Sawyer provided an experienced project team to perform the work and demonstrated experience with similar work. Their fee is competitive and reasonable and within the budget established for the project. The Engineering Department will move forward with negotiations with Hazen & Sawyer to develop a Professional Services Contract for the referenced project.

### Budget Information

- Unit 1030 Water Quality Assurance, Item 101459, Optimal Corrosion Control (Pipe Loop)

LFK:MWW:jmf

cc: K.Prendergast  
R.Stoll  
L.Lester