



# ERIE COUNTY WATER AUTHORITY

## INTEROFFICE MEMORANDUM

June 16, 2021

To: Terrence D. McCracken, Secretary to the Authority

From: Leonard F. Kowalski, Executive Engineer *LFK*

Subject: Request for Proposals  
Sturgeon Point WTP and Van de Water WTP Raw Water Intake Improvements  
ECWA Project No. 202100052

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The Erie County Water Authority recently issued a Request for Proposal (RFP) to complete improvements to the raw water intake systems serving the Sturgeon Point and Van de Water Treatment Plants.

The project consists of engineering services for the design and construction of improvements to provide a more resilient intake system for each treatment plant. The project will address frazil ice formation potential at the Sturgeon Point intake through a dedicated air bubbler system and the replacement of the existing wood timber grating system. The project will also include the replacement of the existing chemical piping system through each plant's raw water intake. Lastly, the project will identify the regulatory requirements (water quality testing, permitting, construction methods) associated with the proposed improvements as well as the additional requirements associated with the potential future construction of a 2,500+/- LF extension of the Sturgeon Point intake.

The duration of the project through the completion of construction is expected to be 20-24 months.

RFPs were issued to five consulting engineers: Arcadis, Brown and Caldwell, GHD, Hazen and Sawyer, and Nussbaumer & Clark. The RFP was also posted on ECWA's website. Two firms chose to submit proposals for this project (Arcadis and GHD). 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.

Arcadis provided an experienced project team who demonstrated significant experience with intake inspection, design, and regulatory approvals. Their fee is competitive and reasonable and within the budget established for the project. The Engineering Department will move forward with negotiations with Arcadis to develop a Professional Services Contract for the referenced project.

### **Budget Information:**

Department 250 Engineering/Construction:

- Unit 2510 Engineering/Construction - Sturgeon Point  
Item No. 101609 (\$200,000.00)
- Unit 2515 Engineering/Construction – Van de Water  
Item No. 101610 (\$100,000.00)

LFK:MWW:jmf  
cc: K.Prendergast  
R.Stoll  
L.Lester  
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