




# 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  
Sedimentation Basin Effluent Improvements  
Sturgeon Point Water Treatment Plant  
ECWA Project No. 202100015

---

The Erie County Water Authority (ECWA) recently issued a Request for Proposal (RFP) for improvements to the existing sedimentation basin effluent process at the Sturgeon Point Water Treatment Plant.

Currently, all existing sedimentation basin effluent valves and sluice gates are manually actuated and require extensive labor effort to open and close and thus, typically remain in the open position. During operation of the sludge collection system, the open position of the effluent valves/gates results in carryover of higher turbidity water to the filters. The project will involve the installation of new stainless-steel slide gates on the effluent of Sedimentation Basin Nos. 1 through 5. The proposed slide gates will be equipped with electric actuators and programmed such that the slide gates will close upon initiation of the sludge collection system, thereby improving the water quality applied to the filters.

This project will establish the design for these improvements. The scope of the project includes bidding and construction phase services. The duration of the project through the completion of construction is expected to be 16-18 months.

RFPs were issued to six consulting engineers: Arcadis, Barton & Loguidice, GHD, Hazen & Sawyer, Labella Associates, and Nussbaumer & Clark. One other firm, JM Davidson, obtained the RFP through the posting on our website. Three firms chose to submit proposals for this project (Arcadis, Nussbaumer & Clark 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 all three firms possessed relevant qualifications to perform the proposed work.

GHD 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 GHD to develop a Professional Services Contract for the referenced project.

### Budget Information

- Unit 2510 Eng/Const Sturgeon Point, Item 101586, Sedimentation Basin Effluent Valve Replacement and Automation.

LFK:MWW:jmf

cc: K.Prendergast

R.Stoll

L.Lester

SPWA-796-2101

P:\RFP\P202100015\16 Correspondence\2021-03-15 Memo RFP Recommendation Sed Basins.docx