



ERIE COUNTY WATER AUTHORITY

INTEROFFICE MEMORANDUM

May 12, 2020

To: Terrence D. McCracken, Secretary to the Authority

From: Leonard F. Kowalski, Executive Engineer

A handwritten signature in blue ink, appearing to be "LFK", is written over the name Leonard F. Kowalski.

Subject: Request for Proposals
Sturgeon Point Water Treatment Plant
Piping & Valve
ECWA Project No. 202000047

The Erie County Water Authority (ECWA) recently issued a Request for Proposal (RFP) for the design of a series of improvements related to the filtration system of the Sturgeon Point Water Treatment Plant. This project will involve five distinct tasks that will further define and advance the scope, schedule and estimated cost of capital construction projects to be completed at Sturgeon Point over the next 5 to 10 years.

The tasks to be completed under this project may be summarized as follows:

- **Task 1 - Evaluation of Sedimentation Basin Effluent Valves and Actuators:** evaluation and preliminary design of improvements to automate the operation of the sedimentation effluent valves.
- **Task 2 – Evaluation of Filter Backwash Supply Piping Header and Valves:** inspection and analysis of the condition of the existing filter backwash supply piping.
- **Task 3 – Evaluation of WTP Building Filtered Water Basin/Clearwell Bypass:** evaluation and preliminary design of alternatives to bypass and isolated the existing filtered water basin.
- **Task 4 – Evaluation of Wash Water Tank and Transfer Pump Discharge Interconnection:** evaluation and preliminary design options to utilize the filtered water transfer pumps for uninterrupted filter backwash water supply during maintenance of the existing backwash supply tank.
- **Task 5 – Evaluation, Design, and Construction Services, Filter Nos. 1-10 Piping and Valves Replacements and Improvements:** design, bidding and construction services for the replacement of filter piping and valves including the reconfiguration of filter-to-waste piping to comply with Department of Health requirements.

RFPs were issued to four consulting engineers: Arcadis, GHD, Nussbaumer & Clark, and Hazen & Sawyer. Another three firms obtained the RFP through our website (O'Brien & Gere, CPL, and Barton & Loguidice). In the end, two firms, Arcadis and GHD, chose to submit proposals for this project. This is a single project requiring one consulting firm.

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The proposals were reviewed and discussed among the engineering staff (Len Kowalski, Michael Wymer, David Patton, Clayton Johnson, and Michael Quinn). Experience, staffing, scope, and project approach were considered. It was determined that each firm possessed the basic relevant qualifications to perform the work proposed.

Arcadis provided an experienced project team to perform the work and demonstrated a higher degree of current, direct experience with recent/ongoing work in facilities of comparable treatment technology and capacity to the Sturgeon Point WTP. Their approach and level of effort showed an understanding of the necessary project process and workflow for the five tasks in this RFP and beyond to subsequent phases. Their construction phase team includes resident inspectors who provide multiple years of experience on several previous projects at Sturgeon Point. Their fee is reasonable and is comparable with regard to fees charged on other similar water utility projects.

If there are no objections, the Engineering Department plans on moving forward with negotiations with Arcadis to develop a Professional Services Contract for the referenced project.

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