

**REQUEST FOR PROPOSALS  
FOR CONSULTING ENGINEERING SERVICES**

**VAN DE WATER WATER TREATMENT PLANT  
RESIDUALS TREATMENT SYSTEM UPGRADES**

**ECWA Project No. 201900093**

**General**

The Erie County Water Authority (Authority) is seeking Professional Services Proposals for consulting engineering services for upgrades and improvements to the Van de Water Water Treatment Plant (VDWTP) Residuals Treatment System.

The Authority reserves the right to modify or cancel this Request for Proposals and/or the projects; to reject any or all proposals; and to waive any or all irregularities. This Request for Proposals does not obligate the Authority to award a contract for any of the projects or to reimburse any costs associated with the preparation of any proposal.

The Request for Proposal (RFP) is being conducted pursuant to the New York State Finance Law §§139-j and 139-k and the Erie County Water Authority's Procurement Disclosure Policy. The Procurement Disclosure Policy is available by accessing the Erie County Water Authority's web site – <http://www.ecwa.org>, under the caption "Doing Business with ECWA".

**Project Description**

The VDWTP residuals treatment equipment is all original and has been in service for approximately forty years. The residuals dewatering equipment is antiquated and does not provide the operational flexibility that the Authority desires. Therefore, the Authority would like to upgrade the existing sludge treatment equipment with new equipment to provide greater reliability, operational flexibility, and redundancy.

The Authority recently completed an engineering evaluation of the residuals treatment system. A copy of this study, dated November 2018, will be provided with this RFP and is included as Attachment 1.

This project consists of upgrades to the following equipment:

1. Thickener/Clarifier No. 2
2. Sludge Decant Tank
3. Residuals treatment electrical system
4. Floor Drain System within Sludge Building Basement

This project consists of decommissioning and demolition of the existing residuals treatment system not being upgraded, including but not limited to, the following equipment:

1. Reaction Mixer Tank
2. Conditioned Sludge Pumps (Quantity 2)

3. Thickened Sludge Pumps (Quantity 2)
4. Pressure Filter Feed Pumps (Quantity 4)
5. Pressure Filter and Pump Power Packs (Quantity 2)
6. Pressure Filter Power Pack
7. Decant Transfer Pumps (Quantity 2)
8. Lime and Flyash (Precoat) Storage Hoppers/Dust Collectors (located in Plate and Frame Press Room)
9. Liquid Lime Feed System
10. Conditioned Sludge Retention tank
11. Plate and Frame Press Feed Pumps
12. Filtrate Well
13. Neutralization Tank
14. Polymer Aging and Mixing System (Quantity 2)
15. Polymer Metering Pumps (Quantity 2)
16. Precoat Pumps (Quantity 2)
17. Charging Hoppers (Quantity 2)
18. Filtrate Transfer Pumps (Quantity 2)
19. Lime Slaker and Lime Slurry Tank
20. Lime Slurry Feed Pumps (Quantity 3)
21. Vacuum Cleaner System
22. Tubular Bag Separator
23. Air Compressor

This project consists of replacement of the following equipment:

1. Plate and Frame Press with a Belt Filter Press or Centrifuge (to be confirmed by Consultant during preliminary design)
2. Dewatered Sludge Conveyor System with a new conveyor system
3. Coagulation/Sedimentation Blowdown Pumps with new pumps
4. Sludge Transfer Pumps with new pumps
5. Polymer Feed System with a new polymer system
6. Distribution Box with a new distribution structure
7. Single dumpster with a larger dumpster fill area; space to install two dumpsters
8. Residuals Treatment PLC system and reprogramming

As part of this project, the Filtrate and Decant Storage Well shall be cleaned.

In addition the upgrades to the Residuals Treatment System, this project consists of replacing the landscaping along the front (east side) of the VDWTP. Refer to the yellow highlights on Attachment 2 for the general area of the landscaping that is to be replaced. A new landscaping plan shall be reviewed and approved by the Authority during the design phase.

The water fountain and ancillary components shall also be removed and demolished as part of this project. Components of the water fountain system consist of:

1. Exterior fountain and bollards
2. Exterior pavers around fountain
3. 1,000-gal. holding tank
4. Fountain spray pump

5. Fountain pump controls
6. Interior fountain piping

The existing fountain area shall be paved and reconfigured into a parking area.

## **Existing Residuals Dewatering System**

### **A. Sludge Thickening System**

The VDWTP generates residuals from two process streams: coagulation/sedimentation basin residuals and spent filter backwash water. The current residuals treatment process is operated as a batch process.

Sludge from the coagulation basin sludge draw-off pit is pumped by two progressive cavity coagulation/sedimentation (coag./sed.) basin blowdown pumps to a 245,000-gallon steel Sludge Holding Tank. The VDWTP also has the flexibility to pump coagulation basin sludge directly to the on-site lagoon but it is not typically practiced unless the Sludge Holding Tank is being serviced.

Spent filter backwash water flows by gravity to the 70,000-gallon backwash wastewater wet well and is then pumped by three vertical turbine wastewater pumps to one of two 380,000-gallon steel Equalization Tanks. Under normal operating conditions, only one VFD wastewater pump is operated, the second VFD pump is on standby while the third constant speed pump acts as a redundant backup.

Settled solids from the spent filter backwash water are discharged by gravity to the 245,000-gallon Sludge Holding Tank (same tank used for holding coagulation/sedimentation basin residuals). The combined residuals are typically conveyed to a distribution box upstream of a gravity thickener (Clarifier/Thickener No. 2). A dry polymer feed system feeds polymer at the distribution box is used as a sludge thickening aid.

Clarifier/Thickener No. 2 is 24 ft. in diameter and equipped with 200 square feet (SF) of tube settlers to promote gravity settling. Thickened solids scraped from the bottom of the tank are pumped to the Sludge Decant Tank. The solids content of the Clarifier/Thickener effluent ranges from 2% to 3% solids. Decanted supernatant from the thickener flows by gravity to the Niagara River.

### **B. Sludge Dewatering System**

Thickened sludge from the bottom of Clarifier/Thickener No. 2 is pumped by two thickened sludge pumps through the Reaction Mixer Tank to the Sludge Decant Tank, which is currently used as an intermediate holding tank for the Plate and Frame Press. Two conditioned sludge pumps transfer sludge from the Sludge Decant Tank to the Conditioned Sludge Retention Tank. Lime is injected upstream of the Sludge Retention Tank to further condition the sludge. The liquid lime feed system is in operation, to raise the pH of the sludge, whenever there is a press run. From the Conditioned Sludge Tank, piston pumps convey the sludge to the Passavant mechanical plate and frame dewatering press. The

operation of the plate and frame press is labor intensive; it takes 4 to 10 hours per run and treats an average sludge inflow of 83 GPM. At the end of each press run an operator must manually scrape the cake on each filter cloth, of the press, into the dewatered sludge hopper located below the press.

The plate and frame press dewateres the lime stabilized sludge to an average of 30 to 33% solids. The performance is greatly dependent on the feed sludge solids concentration, the nature of the solids, and prior sludge conditioning; specifically polymer and lime addition.

Filtrate from the plate and frame press is pumped by two filtrate pumps to a neutralization tank, where carbon dioxide (CO<sub>2</sub>) is added to decrease the pH of the filtrate (which is basic due to prior lime addition). The stabilized filtrate flows by gravity to the distribution box, where it is mixed with the coagulation basin and spent filter backwash residuals.

The existing plate and frame press, and belt conveyor have exceeded their useful life and have lost efficiency due to their age and constant wear. The liquid lime feed system was replaced within the last ten years, but it has been a maintenance intensive item for plant operators. It requires significant man-hours and resources to keep the liquid lime feed area clean. In addition, the total power required for the existing sludge dewatering system at the VDWTP is highly energy intensive. Therefore, the potential exists to replace the existing dewatering system with a more efficient system that requires less chemical and energy usage but also provides increased performance.

### **C. Sludge Disposal**

Dewatered sludge is transported from the dewatered sludge hopper by a belt conveyor to one 20-cubic yard dewatered sludge dumpster and subsequently landfilled. According to Plant personnel, the dumpster can hold sludge cake generated by two plate and frame press runs. The disposal room, which houses the conveyor and the sludge dumpster, has limited space available for any additional equipment.

## **Scope of Work**

The general scope of work is summarized below. The methods of payment shall be per the Authority standard form of Professional Services Contract, a copy of which is available upon request. The scope of work for this project shall be as follows.

### **A. Basis of Design Report**

1. Review plans, specifications, and other records furnished by the Authority.
2. Review and verify the recommendations from the VDWTP 2018 Residuals Dewatering and Processing Study.
  - a) Specifically, confirm whether the Belt Filter Press is the best option, for the Authority, for dewatering sludge.
3. Project kickoff meeting with Authority personnel
4. Verify site conditions.
5. Perform an analysis to determine the needed capacity and size of the new residuals dewatering system.

6. Perform a hydraulic analysis of the new residuals dewatering system.
7. Prepare preliminary design documents for the new residuals dewatering system. Preliminary design documents should include:
  - a) Final design criteria
  - b) Preliminary drawings
  - c) Outline specifications
  - d) Construction sequencing (maintenance of plant operations).
  - e) Project cost estimates (opinion of probable construction cost) and cash flows
  - f) Project schedule
  - g) Project clarification meeting with Authority Personnel
8. Preparation of an engineering report, including the information listed above.

**B. Design**

1. Obtain field topographic survey data for the preparation of construction plans required for final design of the project. Survey data is to be according to NAD83 and NGVD29 standards.
2. Visit the site as needed to assist in preparing the drawings and specifications
3. Prepare detailed design drawings, specifications and contract documents at 60%, 90%, and 100% design stages. Tasks include, but are not limited to:
  - a) Meetings with Authority engineers and operators to fully understand the goals of the new residuals treatment system.
    1. Minimum of three meetings at 60%, 90%, and 100% design
  - b) Conferences with the Authority, regulatory agencies, etc.
  - c) Review of available drawings and records furnished by the Authority.
  - d) Preparation of base drawings in AutoCAD version 2014 from the survey data obtained in the survey phase and the available records furnished by the Authority.
  - e) Preparation of engineering calculations to support the design of the improvements, including related civil, mechanical, electrical, structural, and architectural features of the project.
  - f) Submission of the plans to various utility companies and regulatory agencies as required.
  - g) Preparation of final plans, profiles, and job specific detail drawings that include editing of the Authority's standard detail drawings where appropriate.
    - i. Preparation of a Process Flow schematic for the new residuals treatment system.
    - ii. Preparation of Process and Instrumentation diagrams for the new residuals treatment system.
    - iii. Preparation of control descriptions and a new PLC system for the new residuals treatment system.
    - iv. Preparation of landscaping and planting plans
  - h) Preparation of contract specifications that include editing of the Authority's standard "front end" specifications and standard technical specifications where appropriate and preparation of additional technical specifications as required.
  - i) Obtaining New York State Wage Rates and inserting them into the specifications.
  - j) Preparation of a quantity take-off and opinion of probable construction cost.
  - k) Submission of an engineering report with contract specifications, drawings, application forms and fees to Erie County Health Department for approval.

4. Furnish to the Authority three (3) sets of review copies of the drawings, specifications and other contract documents, to the Authority during 60%, 90%, and 100% design.
5. Prepare documentation for compliance with New York State SEQR (Type II actions) and SWPPP.
6. Provide updates to the VDWTP State Pollutant Discharge Elimination System permit, if required.
7. Revise the Authority's Standard Operating Procedures (SOPs) for the new residuals treatment system. Revisions shall be done in accordance with the Authority's existing SOP format.
8. Assist Authority in filing applications for permits with applicable regulatory agencies, having jurisdiction to review and approve the design; assist Authority in consultations with such agencies; and revise the drawings and specifications in response to directives from such agencies, as appropriate. Submit final copies of the revised report, drawings, and specifications to the appropriate regulatory agencies.
9. Assist Authority in assembling known reports and drawings of existing conditions, and identifying the technical data contained in such reports and drawings upon which bidders may rely.
10. Prepare a schedule for the project utilizing the Authority's standard format. The project schedule shall be updated as needed.

### **C. General Services**

#### **Bidding Services**

1. Furnish twenty (20) sets of final construction documents (contract drawings, final specifications, and other documents) required for bidding and construction purposes.
2. Conduct a pre-bid meeting and distribute minutes, when appropriate.
3. Prepare and distribute addenda as required to clarify, correct, or change the issued documents.
4. If the contract documents require, the Engineer shall evaluate and determine the acceptability of "or equals" and substitute materials and equipment proposed by prospective contractors, prior to award of contracts for the work.
5. Provide assistance to the Authority in securing bids, tabulating bid results, analyzing bid results, and making recommendations on the award of each construction contract.

#### **Construction Services**

1. Conduct a pre-construction meeting and distribute minutes.
2. Supply an approved contractor's schedule for construction of the project.
3. Receive, review, and determine the acceptability of any and all schedules that the Contractor is required to submit to Engineer, including: Progress Schedule, Schedule of Submittals, and Schedule of Values.
4. Provide detailed initial stakeout (once only), including bench marks, reference and axis lines along the routes of the construction or where necessary.
5. Give consultation and advice to the Authority during construction.
6. Prepare elementary sketches and supplementary sketches, if required, to resolve actual field conditions encountered.
7. Interpret contract documents and resolve problems as to amount, quality, acceptability, and fitness.

8. Review the contractor's submittals of material and/or equipment for compliance with the Consultant's design concept and take appropriate action such as but not limited to: "approved", "approved as corrected", "revise and resubmit"; or "not approved".
9. Schedule and attend progress meetings.
10. Report to the Authority monthly on the progress of the work with a written monthly summary including daily inspector reports.
11. Defective Work: Reject Work if, on the basis of Engineer's observations, Engineer believes that such Work is defective under the terms and standards set forth in the Contract Documents. Provide recommendations to Authority regarding whether Contractor should correct such Work or remove and replace such Work, or whether Authority should consider accepting such Work as provided in the Contract Documents.
12. Compatibility with Design Concept: If Engineer has express knowledge that a specific part of the Work that is not defective under the terms and standards set forth in the Contract Documents is nonetheless not compatible with the design concept of the completed Project as a functioning whole, then inform Authority of such incompatibility, and provide recommendations for addressing such Work.
13. Clarifications and Interpretations: Accept from Contractor and Authority submittal of all matters in question concerning the requirements of the Contract Documents (requests for information or interpretation - RFIs), or relating to the acceptability of the Work under the Contract Documents. With reasonable promptness, render a written clarification, interpretation, or decision on the issue submitted, or initiate an amendment or supplement to the Contract Documents.
14. Differing Site Conditions: Respond to any notice from Contractor of differing site conditions, including conditions relating to underground facilities such as utilities, and hazardous environmental conditions. Promptly conduct reviews and prepare findings, conclusions, and recommendations for Owner's use.
15. Substitutes and "Or-equal": Evaluate and determine the acceptability of substitute or "or-equal" materials and equipment proposed by Contractor.
16. Change Orders: Notify the Authority when a change in the work is proposed which will cause an adjustment in the contract cost. Evaluate whether the proposed change is justified and reasonable, and if necessary prepare change orders, field directives, and make recommendations for approval. Discuss changes in the plans or procedures authorized by the Consultant with the Authority prior to implementation. Obtain approval for all change orders from the Board of Commissioners prior to implementation.
17. Change Proposals and Claims: (a) Review and respond to Change Proposals. Review each submitted Change Proposal from Contractor and, within 30 days after receipt of the Contractor's supporting data, either deny the Change Proposal in whole, approve it in whole, or deny it in part and approve it in part. Such actions shall be in writing, with a copy provided to the Authority and Contractor. If the Change Proposal does not involve the design (as set forth in the Drawings, Specifications, or otherwise), the acceptability of the Work, or other engineering or technical matters, then Engineer will notify the parties that the Engineer will not resolve the Change Proposal. (b) Provide information or data to Authority regarding engineering or technical matters pertaining to Claims.
18. Applications for Payment: Based on Engineer's observations and on review of Applications for Payment and accompanying supporting documentation:

- a) Determine the amounts that Engineer recommends Contractor be paid. Recommend reductions in payment (set-offs) based on the provisions for set-offs stated in the Construction Contract. Such recommendations of payment will be in writing and will constitute Engineer's representation to Authority, based on such observations and review, that, to the best of Engineer's knowledge, information and belief, Contractor's Work has progressed to the point indicated, the Work is generally in accordance with the Construction Contract Documents (subject to an evaluation of the Work as a functioning whole prior to or upon Substantial Completion, to the results of any subsequent tests called for in the Contract Documents, and to any other qualifications stated in the recommendation), and the conditions precedent to Contractor's being entitled to such payment appear to have been fulfilled in so far as it is Engineer's responsibility to observe the Work. In the case of unit price Work, Engineer's recommendations of payment will include final determinations of quantities and classifications of the Work (subject to any subsequent adjustments allowed by the Contract Documents).
19. Contractor's Completion Documents: Receive from Contractor, review, and transmit to Owner maintenance and operating instructions, schedules, guarantees, bonds, certificates or other evidence of insurance required by the Contract Documents, certificates of inspection, tests and approvals, and Shop Drawings, Samples, and other data as required. Receive from Contractor, review, and transmit to Authority the annotated record documents which are to be assembled by Contractor in accordance with the Construction Contract Documents to obtain final payment.
20. Substantial Completion: Promptly after notice from Contractor that Contractor considers the entire Work ready for its intended use, in company with Authority and Contractor, visit the Site to review the Work and determine the status of completion. Follow the procedures in the Contract regarding the preliminary certificate of Substantial Completion, punch list of items to be completed, Authority's objections, notice to Contractor, and issuance of a final certificate of Substantial Completion. Assist Authority regarding any remaining engineering or technical matters affecting Authority's use or occupancy of the Work following Substantial Completion.
21. Final Notice of Acceptability of the Work: Conduct a final visit to the Project to determine if the Work is complete and acceptable so that Engineer may recommend, in writing, final payment to Contractor. Accompanying the recommendation for final payment, Engineer shall also provide a notice to Authority and Contractor that the Work is acceptable to the best of Engineer's knowledge, information, and belief, and based on the extent of the services provided by Engineer under this Agreement.
22. Standards for Certain Construction-Phase Decisions: Engineer will render decisions regarding the requirements of the Contract Documents, and judge the acceptability of the Work, pursuant to the specific procedures set forth in the Contract for initial interpretations, Change Proposals, and acceptance of the Work. In rendering such decisions and judgments, Engineer will not show partiality to Authority or Contractor, and will not be liable to Authority, Contractor, or others in connection with any proceedings, interpretations, decisions, or judgments conducted or rendered in good faith.
23. Check line and grade for preparation of record drawings.



24. Other Tasks: Perform or provide the following other Construction Phase tasks or deliverables:

- a) The Engineer is not responsible for the construction means, methods, techniques, sequences or procedures, time of performance, programs or for any safety precautions in connection with the construction work. The Engineer is not responsible for the Contractor's failure to execute the work in accordance with the construction Contract.
- b) Notify the Owner of all permanent work which does not conform to the result required in the Construction Contract, prepare a written report describing any apparent non-conforming permanent work and make recommendations to the Owner for its correction and; at the request of the Owner have recommendations implemented by the Contractor.

**D. Resident Inspection**

Upon authorization from the Authority, the Consultant shall complete the following services.

- a. Provide technical inspection of construction by a full-time resident engineer and/or inspectors as required, who will:
  - 1) Inspect all work to determine the progress, quality, quantity and conformance of the work in accordance with contract documents.
  - 2) Notify customers in writing prior to start of construction.
  - 3) Prepare daily inspector reports.
  - 4) Review, verify and approve requests for monthly and final payments to contractors, based on quantities of work put in place.
  - 5) Provide bi-weekly updates summarizing the Resident Inspection costs and projecting future Resident Inspection costs for the duration of the project.
- b. For Resident Inspection services, the Consultant shall provide an hourly rate that is fully loaded (direct hourly rate, overhead and profit). Overtime premium will be paid at 50% of the Resident Inspectors' direct hourly rate. Consultant shall breakdown its direct hourly rate, its audited overhead rate for inspection services and its profit percentage.
- c. Once a bid has been awarded, the contract will set an estimated amount and a not-to-exceed amount for Resident Inspection services. Before reaching the not-to-exceed amount for Resident Inspection, the Consultant must seek approval from the Authority's Board of Commissioners to increase the amount of the Resident Inspection based on the realistic number of hours to complete such services.

**E. Record Drawings**

1. Provide electronic record drawings in AutoCAD version 2014 and a PDF file of all completed work on a DVD or flash drive. One full size set and one half set of hard copies of these drawings shall also be provided to the Authority.
2. Submit record drawings no later than one month after final payment is recommended for approval and in accordance with Authority Standards.

## **F. Special Services**

The Authority may require one or more of the following special services in carrying out the project.

1. Soils Investigations - including test borings, pavement cores, and the related analysis.
2. Detailed mill, shop and/or laboratory inspection of materials and equipment.
3. Land surveys, maps, plates, descriptions and title investigations which may be required to acquire lands, easements, and rights-of-way for the proposed facilities.
4. Additional copies of reports, contract drawings and documents.
5. Extra travel and subsistence for the Consultant and his staff beyond that normally required under ordinary circumstances, when authorized by the Authority.
6. Assistance to the Authority serving as an expert witness in litigation arising from project development or construction.
7. New York State SEQR (Type I and Unlisted Actions).
8. Air, water, and/or soil sampling, testing, and/or analysis.
9. Operation and maintenance manuals.
10. Start-up services.
11. Hazardous material testing and assessment.
12. Wetlands investigations, delineation, and mitigation.
13. Storm Water Pollution Prevention Plans
14. Applications for NYSDEC permitting
15. Laboratory testing, jar testing, and pilot testing performed by consultant.

## **Information Requests**

All questions and requests for information are to be directed to the designated ECWA Contact Person, Mr. Leonard F. Kowalski, PE, Director of Engineering at 716-685-8220, in accordance with New York State Finance Law §§139-j and 139-k. An optional pre-proposal meeting will be held at the Van de Water Treatment Plant (3750 River Road, Tonawanda, NY 14150) on Wednesday July 17, 2019 at 10:00 AM. local time to view the work location and discuss the project.

## **Proposal Requirements**

Firms may submit proposals for any or all projects. Separate proposals are not required. Proposals are to be concise, specific and straightforward. All pertinent information is to be contained in the proposal. The use of artwork, special covers, and extraneous information in the proposals is discouraged. Proposals are to remain valid for a minimum of 60 days. Each proposal is to include the following:

- Item 1 - Qualifications and related experience, particularly on the type of projects outlined above.
- Item 2 - Project understanding, technical approach and detailed scope of services. Identify any suggested revisions to the scope of work as outlined herein.
- Item 3 - Project staffing for all key personnel and subcontractors; current workload; and office location(s) where work will be performed for each project.

- Item 4 - Qualifications of resident inspector(s) including applicable education, training, experience, and NICET certification.
- Item 5 - Work performed for the Water Authority in 2016, 2017, and 2018.
- Item 6 - Current remaining workload with the Water Authority.
- Item 7 - Completed attachment titled Section 139 of State Finance Law per attached.
- Item 8 - Proof of insurance in accordance with the attached Erie County Water Authority Insurance Requirements for Professional Services per attached.
- Item 9 - Proposed project schedule, showing preliminary design through construction completion.
- Item 10 - Fee proposal which is to include a breakdown of engineering fees for each construction contract showing personnel, hours, hourly rates, overhead rates, and subcontractor costs for each phase per the scope of work. All consultants shall include Special Services lump sum cost of \$30,000 for the purposes of this proposal.

Proposals shall include the following form for comparison purposes:

<b>Project 201900093 – RFP for Van de Water Water Treatment Plant Residuals Treatment System Upgrades.</b>	
<b>Basis of Design Report</b>	\$
<b>Design</b>	\$
<b>General Services</b>	\$
<b>Resident Inspection</b>	\$
<b>Record Drawings</b>	\$
<b>Special Services</b>	\$ <b>30,000.00</b>
<b>TOTAL:</b>	\$

**Proposals will be accepted until 4:00 p.m. on July 26, 2019.** Five copies of each proposal are to be delivered to Erie County Water Authority, 3030 Union Road, Cheektowaga, New York 14227 to the attention of Mr. Russell J. Stoll, P.E., Executive Engineer. Proposals received after this time will not be considered and will be returned unopened. All proposals being mailed (including Federal Express, UPS, Priority Mail, etc.) or hand delivered shall be directed to the attention of Mr. Stoll in a sealed envelope and be clearly marked on the outside of the mailing or hand delivered envelope as follows: “PROPOSAL – Ball North Storage Tank, Guenther Pump Station Rehabilitation, Ball Pump Station Study, Hydraulic Integrity of Water Supply and Alternate Sources”.

### **Evaluation and Selection**

All proposals will be evaluated by a small in-house committee made up of Water Authority personnel familiar with the proposed project. Interviews and/or presentations of the proposals will be requested if needed. The proposals will be evaluated based on the criteria listed above.

The final scope of work and fee for the engineering services for the project will be negotiated with the selected firm(s). Professional Service Contracts will then be executed pending successful negotiation and authorization by the Water Authority Board of Commissioners. All firms submitting proposals will be notified of the selection results. It is anticipated that the selection process will be completed in August 2019, and that the agreement will be executed in September 2019.