



ERIE COUNTY WATER AUTHORITY

INTEROFFICE MEMORANDUM

June 28, 2021

To: Terrence D. McCracken, Secretary to the Authority

From: Michael W. Wymer, Senior Production Engineer *MWW*

Subject: Contract MP-089
Raw Water Intake Improvements at Sturgeon Point WTP and Van de Water WTP
ECWA Project No. 202100172

The following material is attached:

- Authorization Form requesting Board Authorization to execute the attached Professional Service Contract with Arcadis of New York.
- Professional Service Agreement for the above referenced project.
- Copy of Interoffice Memorandum from Leonard F. Kowalski, Executive Engineer, dated June 16, 2021, detailing recommendations for the contract assignment after review of Request for Proposals (PN 202100052).

The Sturgeon Point Water Treatment Plant periodically experiences interruptions of raw water flow as a result of frazil ice blockage of the intake structure. The resulting disruptions in raw water flow require the operator to initiate a backflushing operation using water or air. Additionally, the Van de Water and Sturgeon Point Water Treatment Plants each utilize 3-inch diameter HDPE pipes to deliver chemicals/draw a raw water samples within the intake structure. These lines were originally installed in the early 1990s and are approaching the end of their reliable life.

The project consists of engineering services for the design and construction of improvements to the intake systems of 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 3-inch diameter chemical/sample piping system through the Sturgeon Point and Van de Water raw water intakes. Lastly, the project will identify the regulatory and design 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.

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)

MWW:jmf
Attachments
cc: L.Kowalski
L.Lester
CONT-MP-088-2101-X-01

ERIE COUNTY WATER AUTHORITY
AUTHORIZATION FORM
For Approval/Execution of Documents
(check which apply)

Contract: MP-089 **Project No.:** 202100172
Project Description: Raw Water Intake Improvements at Sturgeon Point WTP and
Van de Water WTP

Item Description:








☐ Agreement ☒ Professional Service Contract ☐ Amendment ☐ Change Order
☐ BCD ☐ NYSDOT Agreement ☐ Contract Documents ☐ Addendum
☐ Recommendation for Award of Contract ☐ Recommendation to Reject Bids
☐ Request for Proposals
☐ Other _____

Action Requested:

☒ Board Authorization to Execute ☒ Legal Approval
☐ Board Authorization to Award ☒ Execution by the Chairman
☐ Board Authorization to Advertise for Bids ☐ Execution by the Secretary to the Authority
☐ Board Authorization to Solicit Request for Proposals
☐ Other _____

Approvals Needed:

APPROVED AS TO CONTENT:

<input checked="" type="checkbox"/> Sr Production Engineer	<u></u>	Date: <u>6/30/2021</u>
<input checked="" type="checkbox"/> Chief Operating Officer	<u></u>	Date: _____
<input checked="" type="checkbox"/> Executive Engineer	<u></u>	Date: <u>06/30/2021</u>
<input checked="" type="checkbox"/> Director of Administration	<u></u>	Date: <u>06/30/2021</u>
<input checked="" type="checkbox"/> Risk Manager	<u></u>	Date: <u>6/30/2021</u>
<input checked="" type="checkbox"/> Chief Financial Officer	<u></u>	Date: <u>06/30/2021</u>
<input checked="" type="checkbox"/> Legal	<u></u>	Date: <u>6/30/2021</u>

APPROVED FOR BOARD RESOLUTION:

☒ Secretary to the Authority  Date: 06/30/21

Remarks: _____

Resolution Date: _____ **Item No:** _____




ERIE COUNTY WATER AUTHORITY

INTEROFFICE MEMORANDUM

June 16, 2021

To: Terrence D. McCracken, Secretary to the Authority

From: Leonard F. Kowalski, Executive Engineer 

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

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

ECWA-731-2101-X-16

**PROFESSIONAL SERVICES AGREEMENT
FOR ENGINEERING SERVICES**

This Agreement, effective as of July 8, 2021 (“Effective Date”), is by and between

ERIE COUNTY WATER AUTHORITY

295 Main Street, Room 350
Buffalo, New York 14203

hereinafter referred to as the “Authority,” and

ARCADIS OF NEW YORK, INC.

Key Center at Fountain Plaza
50 Fountain Plaza, Suite 600
Buffalo, New York 14202

hereinafter referred to as the “Engineer.”

The Authority project, for which engineering services are to be provided under this Agreement, relates to study, design, and construction of improvements to the raw water intake systems at the Sturgeon Point and Van de Water Treatment Plants (the “Project”).

In consideration of the mutual promises set forth in this Agreement, the Authority and the Engineer agrees as follows:

ARTICLE 1 – THE PROJECT

1.01 The Engineer agrees to provide engineering services for the Project to investigate, design and construct new improvements to the raw water intake systems at the Sturgeon Point and Van de Water Treatment Plants. The Engineer agrees the Project will include the following work:

- A. Inspect each intake system (intake crib, tunnel, and riser shaft), documenting existing conditions, dimensions, materials, and condition concerns. The Engineer agrees to prepare a Work Plan prior to any inspection activities.
- B. Provide design and construction services for improvements to address frazil ice formation at the Sturgeon Point intake utilizing a dedicated air bubbler system and, depending on the result of the preliminary investigation phase, a replacement grating system.
- C. Provide design and construction services for the replacement of the existing chemical piping system through each plant’s raw water intake. The limits of piping replacement for the Sturgeon Point Water Treatment Plant shall be from the screening room on the second level of the Raw Water Pumping Station to and including the diffuser at the

intake structure. The limits of piping replacement for the Van de Water Treatment Plant shall be from the potassium permanganate and chlorine rooms of the Raw Water Pumping Station to and including the diffuser at the intake structure.

- D. Identify and document the regulatory requirements (water quality testing, permitting, construction methods) associated with the proposed project improvements as well as the additional requirements associated with the potential future construction of a 2,500+/- LF extension of the Sturgeon Point intake.

ARTICLE 2 – COMPLIANCE STANDARDS

2.01 Standard of Performance

- A. ***Standard of Care:*** The Engineer shall be held to the same standard of care applicable to any consultant providing professional engineering and related services. The Engineer shall use the same care and skill ordinarily used by members of the subject profession practicing under similar circumstances at the time and in the same locality.
- B. ***Technical Accuracy:*** The Authority shall not be responsible for discovering deficiencies in the technical accuracy of the Engineer's services. The Engineer shall correct deficiencies in technical accuracy without additional compensation unless such corrective action is directly attributable to deficiencies in Authority-furnished information.

2.02 Compliance with Laws and Regulations, and Policies and Procedures

- A. The Authority and the Engineer shall comply with all applicable federal, state or local laws and regulations and all applicable Authority policies and procedures.
- B. The Engineer shall comply with the provisions set forth in Public Authorities Law §§ 2875, 2876, and 2878 of the laws of the State of New York. In response to the Authority's Request for Proposals, the Engineer submitted and signed the Public Authorities Law forms, a copy of which are attached to and incorporated in this Agreement as Appendix A.
- C. The Engineer shall comply with the provisions set forth in State Finance Law §§ 139-j and 139-k. In response to the Authority's Request for Proposals, the Engineer submitted and signed Forms A, B, and C, a copy of which is attached to, and incorporated in, this Agreement as Appendix A.
- D. By executing this Agreement, the Engineer affirms under the penalties of perjury that there was no collusion in the proposal submitted to the Authority, upon which forms the basis of this Agreement.
- E. The Engineer shall comply with the provisions of the Human Rights Law (Executive Law § 290, *et. seq.*) and Labor Law § 201-g of the laws of the State of New York. In response to the Authority's Request for Proposals, the Engineer submitted and signed

a Statement Regarding Prevention of Unlawful Discriminatory Practices, a copy of which is attached to, and incorporated in, this Agreement, as Appendix A.

- F. The Engineer shall comply with the provisions of the Shield Act, codified at General Business Law § 899-aa of the laws of the State of New York.
- G. The Authority shall provide the Engineer in writing any and all Authority policies and procedures applicable to the Engineer's performance of services under this Agreement. The Engineer agrees to comply with such policies and procedures to the extent compliance is not inconsistent with professional practice requirements.
- H. If the Engineer, its employees, agents and/or subcontractors, wish to access any Authority property, they must notify the Authority's Security Officer and provide the following information: (a) government-issued photo identification for all site visitors; (b) a detailed statement indicating the purpose for the site visit; (c) the proposed date and time for the site visit; (d) the estimated start and finish time for the site visit; and (e) any additional information reasonably requested by the Authority's Security Officer. No person may visit any Authority Property without the authorization of the Authority and/or its Security Officer. While on Authority property, the Engineer's employees, representatives and engineers shall comply with the specific applicable security and access rules established by the Authority's Security Officer.

2.03 Health Screening Questionnaire. Whenever the Authority is operating under a Declaration of Emergency due to a pandemic, the Engineer, its employees, and agents shall comply with all health safety rules and regulations adopted by the State of New York or the Authority including, but not limited to, completing a health screening questionnaire before entering any Authority worksite.

2.04 Unknown Conditions. The Engineer shall not be required to sign any documents, no matter by whom requested, that would result in the Engineer having to certify, guarantee, or warrant the existence of conditions whose existence the Engineer cannot ascertain. The Authority agrees not to make resolution of any dispute with the Engineer for payment on any amount due to the Engineer in any way contingent upon the Engineer signing any such documents.

ARTICLE 3 – SCOPE OF SERVICE

3.01 Kick-off Meeting. Prior to rendering any professional services, the Engineer will conduct a kickoff meeting with Authority personnel to take place prior to the commencement of work referenced in § 3.02 of this Agreement. The Engineer agrees to provide meeting minutes to the Authority within 5 business days of the meeting date.

3.02 Preliminary Investigation and Due Diligence. The Engineer shall provide all engineering services necessary to design and install the Project improvements including, but not limited to, the following:

A. *Intake Inspections and Documentation:*

1. In preparation for the completion of design documents, the Engineer shall complete an inspection of all components of the raw water intake system at the Sturgeon Point and Van de Water Treatment Plants including the intake structure (crib), tunnel, and shore riser shaft. The Engineer shall:
 - a. Review reports, drawings, specifications, previous video inspections, and other records furnished by the Authority.
 - b. Verify site conditions at the intake system inspection locations.
 - i. Complete a site walkthrough and conduct meetings with Authority engineering and operations staff to discuss site access, staging areas, available power, etc.
 - ii. Review applicable operating records related to flow and velocity through the intake systems.
 - iii. Determine the condition of any equipment to remain in relation to the improvements described in § 1.01 of this Agreement.
2. Complete a Work Plan outlining the methodology required to complete each intake system inspection. The Work Plan shall be submitted and approved prior to any inspection activities. At a minimum, the Work Plan shall include:
 - a. List of engineering consultant staff, including subconsultants and subcontractors, who will participate in the intake inspections. Identify roles and responsibilities.
 - b. Identify the method of inspection for each component of the intake system (i.e., remote-operated vehicles, divers, etc.). Provide relevant equipment description and specifications. Identify all limitations for divers and remote vehicles such as flow, velocity, penetration dive limitations, minimum access hatch dimensions, maximum vehicle umbilical length, etc. Make recommendations as to operational modifications to reduce velocities for inspection. Identify location/interval for dwell (stationary) photographs and sonar profile scanning for remote-operated vehicles.
 - c. Obtain permits and/or approvals, if any, required to complete the inspections.
 - d. Provide list of emergency contact information for all personnel.
 - e. Develop a response plan in case of medical emergency.
 - f. Develop a contingency plan to retrieve untethered/stuck equipment.

- g. Sample inspection report documentation to be utilized for this project. Include samples of still photos, high-definition video, and sonar images.
 - h. Schedule of inspection activities.
- 3. Coordinate all mobilization, preparatory work, and materials necessary for the intake inspections. Obtain necessary regulatory permits and approvals. Secure appropriate marine vessels and launch points. Marine vessel shall accommodate consultant staff and operations in addition to two Authority personnel.
- 4. Complete inspection activities. Document the condition of the intake system components through video, still photos and sonar images. Document distance and stationing of major components, defects, or changes in alignment/elevation. Obtain all measurements necessary for design of the intake improvements.
- 5. Coordinate all corresponding demobilization.
- 6. The Engineer shall prepare a draft Inspection Report, setting the factors considered by the Engineer including, but not limited to, those specifically identified in paragraph A of this section. The Engineer shall supply the Authority with four (4) copies of the draft Inspection Report with supporting documentation, along with a digital .pdf file of the draft Inspection Report with supporting documentation.
- 7. The Engineer shall meet with the Authority to review the draft Inspection Report and will incorporate all comments into a final version. The Engineer shall supply the Authority with electronic files and four (4) hard copies of the final Inspection Report with supporting documentation, along with digital files of the final Inspection Report with supporting documentation.
- 8. The Engineer will conduct at least one (1) review meeting with the Authority. Provide meeting minutes to the Authority within ten (10) calendar days.

B. *Basis of Design (“BOD”):*

- 1. In contemplation of the basis of design for the improvements to the raw water intake systems, the Engineer shall:
 - a. Review reports, drawings, specifications, and other records furnished by the Authority.
 - b. Verify site conditions at the proposed locations for improvements including the Raw Water Pumping Stations for the Sturgeon Point and Van de Water Treatment Plants.

- i. Complete a site walkthrough and conduct meetings with operating staff to discuss current operational strategies and challenges.
 - ii. Review applicable operating records including frazil ice mitigation strategies, operational data, equipment information, and available weather data.
 - iii. Determine the condition of any equipment to remain in relation to the improvements described in § 1.01 of this Agreement.
2. Prepare preliminary design documents for replacement of the existing chemical piping system through each plant's raw water intake which shall include all components necessary within the limits identified in § 1.01 of this Agreement including but not limited to PVC and HDPE piping, valves, gauges, instrumentation, steel cable weight, diffusers, connectors, brackets, supports, jack-posts and anchoring systems. Preliminary design documents at a minimum must include:
 - a. Material selection for all components indicating compatibility and/or corrosion resistance with the environment in which the component will be in service.
 - b. Hydraulic calculations for all components including piping and diffusers.
 - c. Calculations for sizing of cable weighting and anchoring systems for underwater piping. Consider air piping for bubbler system included under Paragraph B.3 of this Section as part of pipe bundle.
 - d. Describe the construction sequencing in conjunction with the continuation of plant operations.
 - e. Methodology for the removal of the existing chemical piping and weight cable bundle.
 - f. State an opinion of probable project costs.
 - g. Set forth a Project schedule identifying the duration of final design, bid, and construction phases.
3. Prepare preliminary design documents for frazil ice prevention system including permanent air bubbler system and replacement of the existing wood timber grating system on the Sturgeon Point Water Treatment Plant intake structure. Preliminary design documents at a minimum must include:
 - a. Conduct a survey and document frazil ice mitigation strategies of peer utilities. Review of benefits of the replacement of the existing wood

timber grating including effect on frazil ice formation and marine growth. Determine if additional mitigation tools may be available.

- b. Material selection for the new intake grating.
 - c. Attachment method for new grating.
 - d. Calculations for air bubbler system (whether temporary or permanent) including sizing of piping to intake crib and air compressor. Identify location for compressor system as well as electrical and control requirements.
 - e. Describe the construction sequencing in conjunction with the continuation of plant operations.
 - f. State an opinion of probable project costs.
 - g. Set forth a Project schedule identifying the duration of final design, bid, and construction phases.
4. In preparation for the completion of design documents, the Engineer shall document all requirements, approvals, and permits of regulatory agencies required to complete construction of the proposed raw water intake system improvements for both the Sturgeon Point and Van de Water Treatment Plants.
5. As a separate task, the Engineer shall document the following concept-level information in relation to the potential future 2,500 +/- LF extension of the Sturgeon Point Water Treatment Plant intake system. Investigation at a minimum must include:
- a. Summary of all requirements, approvals, and permits of regulatory agencies required to complete extension raw water intake system.
 - b. General discussion on approvable construction methods to extend the intake that would be amenable to regulatory agencies (i.e. open trench, tunneling, placement on lake bottom, etc.). Provide order of magnitude cost estimates for each method.
 - c. Summary of information available, and additional testing, sampling, and/or monitoring that would be required, to confirm the improvement in raw water quality associated with the intake extension, specifically focusing on water quality experienced at the intake during/following heavy rainfall or rapid snow melt events.
6. The Engineer shall prepare a draft BOD Report, setting the factors considered by the Engineer including, but not limited to, those specifically identified in paragraph B, subparagraphs 1 through 5 of this section. The Engineer shall supply the Authority with four (4) copies of the draft BOD Report with

supporting documentation, along with a digital .pdf file of the draft BOD Report with supporting documentation.

7. The Engineer shall meet with the Authority to review the draft BOD Report and will incorporate all comments into a final version. The Engineer shall supply the Authority with an electronic (pdf) file and four hard copies of the final BOD Report with supporting documentation, along with a digital .pdf file of the final BOD Report with supporting documentation.
8. The Engineer will conduct at least two (2) review meetings with the Authority. Provide meeting minutes to the Authority within ten (10) calendar days.

C. *Special Services:*

1. The Engineer may employ one or more of the following special services in carrying out the Project, subject to the Authority's approval:
 - a. Soils investigations including test borings, pavement cores, and the related analysis;
 - b. Detailed mill, shop and/or laboratory inspection of materials and equipment;
 - c. Land surveys, maps, plates, descriptions and title investigations which may be required to acquire lands, easements, and rights-of-way for the proposed facilities;
 - d. Bathymetric surveys or other underwater inspection services (including the use of remote operating vehicles) beyond those required under § 3.02;
 - e. Computational fluid dynamic (CFD) modeling and analysis of hydraulic structures;
 - f. Preparation of standard operating plans (SOPs) for new equipment and processes;
 - g. Air, water, and/or soil sampling, testing, and/or analysis;
 - h. Hazardous material testing and assessment;
 - i. Wetlands investigations, delineation, and mitigation;
 - j. Technical assistance with operation and maintenance manuals;
 - k. Start-up services relating to equipment to be installed by the contractor;

- l. Assistance with permit and other applications with the New York State Department of Environmental Conservation (DEC) beyond those required under § 3.02 paragraph A, subparagraph 3 and § 3.03 paragraph A, subparagraph 6;
 - m. Assistance with grant research, completion of grant applications, and reporting/documentation after award;
 - n. Laboratory testing, jar testing, and pilot testing;
 - o. Technical assistance with preparing any necessary documents if required by the New York State Environmental Quality Review Act (SEQRA) for Type I or Unlisted actions, including the preparation of an environmental assessment form, and if necessary, an environmental impact statement;
 - p. Extra travel and subsistence for the Engineer and its staff beyond that normally required under ordinary circumstances, when authorized by the Authority;
 - q. Legal services, as deemed necessary and approved by the Authority's General Counsel, for acquiring lands, easements and rights-of-ways or other Project-related services; or
 - r. Other services, as deemed necessary by the Authority's Chief Operating Officer and Chief Financial Officer.
2. **Reliance on Others.** Subject to the standard of care set forth in § 2.01, paragraph A, the Engineer and its special services consultants may use or rely upon design elements and information ordinarily or customarily furnished by others including, but not limited to, specialty contractors, manufacturers, suppliers and the publishers of technical standards.
3. **Expert Witness Assistance.** The Engineer agrees to assist the Authority as an expert witness in litigation arising from the project development and construction, even if such assistance is requested by the Authority after the expiration or termination of this Agreement.

3.03 Design: The Engineer will complete design documents for the design, bid and construction of the raw water intake improvements based on the recommendations of the Basis of Design document including the replacement of the chemical feed piping and related components. In addition, this Agreement assumes the existing timber grating system on the Sturgeon Point intake crib will be replaced under this contract with a new grating system.

A. ***Detailed Design Drawings, Specifications and Contract Documents:*** Upon authorization from the Authority, the Engineer shall complete the following design services:

1. Visit the site as needed to assist in preparing the drawings and specifications.
2. Prepare detailed design drawings, specifications and contract documents at 60%, 90%, and 100% design stages. Tasks include, but are not limited to:
 - a. Preparing base drawings in AutoCAD version 2018 from the available records furnished by the Authority;
 - b. Preparing engineering calculations to support the design of the improvements, including related civil, mechanical, electrical/instrumentation, and structural features of the project;
 - c. Preparing engineering data, where necessary, for regulatory permit applications as required to obtain local, state, federal and public utility approval for the initiation and construction of the work;
 - d. Preparing draft and final plans, profiles, and job specific detail drawings that include editing of the Authority's standard detail drawings where appropriate.
3. Prepare contract documents including, but not limited to:
 - a. Preparing contract specifications with edited Authority's standard "front end" specifications and standard technical specifications where appropriate;
 - b. Preparing additional technical specifications, as required;
 - c. Obtaining New York State Prevailing Wage Rates and inserting such rates into the specifications;
 - d. Preparing a quantity take-off and opinion of probable construction cost;
 - e. Submitting the contract specifications, drawings, application forms and fees to Erie County Health Department for approval.
4. Recommend to the Authority's Board of Commissioners the appropriate level of environmental review required under the New York State Environmental Quality Review Act, including but not limited to the identification of other involved agencies and the appropriate classification for the action to be taken (i.e., Type I, II or Unlisted).
5. Determine the requirement for a project specific SWPPP and if required completing all associated SWPPP documentation (as applicable).

6. Assist the Authority in filing applications for permits with applicable regulatory agencies, having jurisdiction to review and approve the design; assisting the Authority in consultations with such agencies; and revising the drawings and specifications in response to directives from such agencies, as appropriate. Submitting final copies of the revised reports, drawings, and specifications to the appropriate regulatory agencies.
7. Assist the Authority with assembling known reports and drawings of existing conditions, and identifying the technical data contained in such reports and drawings upon which bidders may rely.

B. *Design Phase Meetings and Reports.* The Engineer shall:

1. Conference with the Authority and other related Project stakeholders, as necessary and as required.
2. Report to the Authority bi-weekly on the progress of the design work via email, with the following information:
 - a. Design work performed during the previous two weeks;
 - b. Design work scheduled for the next two weeks;
 - c. Schedule status/deliverable status, attaching an updated project schedule in Microsoft Project format, identifying all project milestones and current project status;
 - d. Budget status/percent completed;
 - e. Input needed from the Authority or others;
 - f. Requests for scope changes; and
 - g. Other issues or concerns.
3. Furnish to the Authority five (5) hardcopy sets of review copies of the drawings, specifications, and other contract documents, during 60%, 90%, and 100% design.
4. Conduct at least three meetings with the Authority engineers and operators to discuss and/or review detailed design drawings, specifications and contract documents. Provide meeting minutes to the Authority within five (5) business days.
5. Attend a final design meeting with the Authority. Provide meeting minutes to the Authority within five (5) business days.

3.04 **Construction Services**

A. ***Construction Bids.*** Upon authorization from the Authority, the Engineer shall:

1. Assist Authority personnel in preparing bid invitation and contract documents.
2. Refrain from discussing the Project or the bid process with anyone outside of the Authority prior to the advertisement of bids and during the restricted period for the submission and award of bids.
3. Furnish ten (10) sets of contract drawings, final specifications, and other documents for each contract to the Authority. Provide electronic files of all documents to Avalon Document Services who will provide contract drawings, final specifications, and other documents required for bidding and construction purposes. The cost of documents provided through Avalon Document Services shall be paid by the Contractor.
4. Conduct, at the appropriate time, a pre-bid meeting:
 - a. Prepare and distribute addenda for pre-bid meeting;
 - b. Record, publish, and distribute minutes from the pre-bid meeting; and
 - c. Prepare, if necessary, publish, and distribute any addendum to the bid invitation and contract documents.
5. Evaluate and determine whether substituted materials and equipment proposed in a bid submission of a prospective contractor is acceptable and at least equal to the materials and equipment set forth in bid and contract documents.
6. Assist the Authority in securing bids, bid results, analyzing bid results, and making recommendations on the award of each construction contract.

B. ***Pre-Construction.*** Prior to construction, the Engineer shall:

1. Provide pre-construction meeting notice to all municipalities, utility companies, fire districts, and all other interested stakeholders.
2. Conduct a pre-construction meeting:
 - a. Prepare and distribute agenda for pre-bid meeting; and
 - b. Record, publish, and distribute minutes from the pre-bid meeting.

C. *Construction.*

1. 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 “Work”). The Engineer shall not be held liable to the Authority for the failure of the construction contractor (the “Contractor”) to execute the Work in accordance with the contract documents (the “Contract Documents”).
2. The Engineer shall notify the Authority of all permanent Work which does not conform to the result required in the Contract Documents, prepare a written report describing any apparent non-conforming permanent Work and make recommendations to the Authority for its correction and when requested by the Authority, have recommendations implemented by the Contractor.
3. The Engineer shall have responsibility over the following:
 - a. Defective Work:
 - i. Based on the Engineer’s observations, if the Engineer believes that the Work is defective under the terms and standards set forth in the Contract Documents, the Engineer shall reject the Work and provide the Authority with its recommendations regarding whether the Contractor should correct such Work or remove and replace such Work, or whether the Authority should consider accepting such Work as provided in the Contract Documents.
 - b. Compatibility with Design Concept:
 - i. If the Engineer has actual knowledge a specific part of the Work, although not defective under the terms and standards set forth in the Contract Documents, but nonetheless is not compatible with the design concept of the completed Project as a functioning whole, the Engineer will inform the Authority of such incompatibility, and provide recommendations for addressing such Work.
 - c. Clarifications and Interpretations:
 - i. When the Contractor and the Authority submits to the Engineer any question concerning the requirements of the Contract Documents, including any requests for information (RFIs), or relating to the acceptability of the Work under the Contract Documents, the Engineer shall, with reasonable promptness, render a written clarification, interpretation, or decision on the issue submitted, or initiate an amendment or supplement to the Contract Documents.

d. Differing Site Conditions:

- i. When the Contractor notifies the Engineer of differing site conditions, including conditions relating to underground facilities such as utilities, and hazardous environmental conditions, the Engineer shall promptly review the condition and prepare findings, conclusions, and recommendations to the Authority as to how to address the condition.

e. Substitutes and “Or-equal”:

- i. The Engineer shall evaluate and determine the acceptability of substitute or “or-equal” materials and equipment proposed by Contractor.

f. Change Orders:

- i. The Engineer shall notify the Authority when a change in the Work is proposed, which will cause an adjustment in the contract cost.
- ii. The Engineer will evaluate whether the proposed change is justified and reasonable, and if necessary, prepare change orders, field directives, and make recommendations for approval by the Authority’s Board of Commissioners.
- iii. The Engineer shall discuss changes in the plans or procedures recommended by the Engineer with the Authority prior to implementation.
- iv. The Engineer must obtain approval for all change orders from the Board of Commissioners prior to implementation.

g. Change Proposals and Claims:

- i. Review and respond to Change Proposals.
 - (a) The Engineer shall review each submitted Change Proposal from Contractor and either deny the Change Proposal in whole, approve it in whole, or deny it in part and approve it in part.
 - (b) Such actions shall be in writing, with a copy provided to the Authority and Contractor.

- (c) 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, the Engineer will notify the parties that the Engineer will not resolve the Change Proposal.

ii. Reporting of Claims

- (a) When the Engineer becomes aware of a situation from which a legal dispute or claim (“Claim”) could be filed by a contractor, subcontractor, property owner or other third party against the Authority, the Engineer will promptly report the situation to the Authority.
 - (b) Upon request, the Engineer will assist the Authority’s Legal Department in its investigation and examination of any Claim. The Engineer will provide the names and, if available, addresses and phone numbers of individuals involved or having knowledge of the Claim.
 - (c) The Engineer will also gather information or data to the Authority regarding engineering or technical matters pertaining to the Claim.
- 4. The Engineer shall consult, report and advise appropriate Authority personnel as to all relevant and pertinent matters relating or affecting the progress of construction.
 - 5. The Engineer shall review and determine the acceptability of any and all schedules that the Contractor is required to submit to the Engineer, including a Progress Schedule, Schedule of Submittals, and Schedule of Values.
 - 6. The Engineer shall supply the Authority with a construction schedule, which has been submitted by the Contractor and approved by the Engineer.
 - 7. The Engineer will prepare elementary sketches and supplementary sketches, when necessary or required, to resolve issues with actual field conditions encountered.
 - 8. The Engineer shall interpret Contract Documents and resolve problems as to amount, quality, acceptability, and fitness.
 - 9. The Engineer will review the Contractor’s submittals of material and/or equipment for compliance with the design concept and take appropriate action such as but not limited to: “approved”, “approved as corrected”, “revise and resubmit”; or “not approved.”

10. The Engineer will provide the Contractor and the Authority with detailed stakeout information, including benchmarks, reference and axis lines along the routes of the construction or wherever necessary.

11. The Engineer shall check installation for preparation of record drawings.

D. *Construction Meetings and Reports.*

1. The Engineer will schedule and attend progress meetings with the pertinent Authority personnel, the Contractor, subcontractors and other interested stakeholders at a minimum every two (2) weeks.

2. The Engineer will report to the Authority monthly on the progress of the Work with a written monthly summary including daily inspector reports.

3. The Engineer will report, via email, to the Authority bi-weekly on the progress of the Work with the following information:

a. Summary of the Work performed in the previous two-week period;

b. Updated project schedule, attached and in Microsoft Project format, identifying all project milestones and current project status;

c. Forecast of all upcoming work and project costs expected for the project, including the identification of any contract items which may exceed bid quantities; and

d. Copies of final inspection reports attached in .pdf format for reports in the previous two-week period.

4. As previously stated in paragraph C, subparagraphs 3f and 3g of this section, the Engineer shall notify the Authority when a change in the work is proposed which will cause an adjustment in the contract cost and will:

a. Evaluate whether the proposed change is justified and reasonable, and if necessary, prepare change orders, field directives, and make recommendations for approval.

b. Discuss changes in the plans or procedures authorized by the Engineer with the Authority prior to implementation.

c. Obtain approval for all change orders from the Authority's Board of Commissioners prior to implementation.

5. The Engineer will make a final inspection, furnish a report on project completion, and make recommendations for final payments to contractors and for the release of retained amounts, if any.

3.05 **Resident Inspections:**

A. Upon authorization from the Authority, the Engineer shall furnish a full-time Resident Project Inspector (RPI) who will conduct technical inspection of the Work relating to the Project;

1. *Inspector's duties and responsibilities:* The Engineer, through the RPI's observations, shall protect the Authority against defects and deficiencies in the Work.

2. *RPI's duties and responsibilities:*

a. The RPI shall not:

- i. Authorize any deviation from the Contract Documents or substitution of materials or equipment (including "or-equal" items), without written approval by the Authority and the Engineer;
- ii. Exceed limitations of the Engineer's authority as set forth in this Agreement;
- iii. Undertake any of the responsibilities of the Contractors, subcontractors, or suppliers;
- iv. Advise on, issue directions relative to, or assume control over any aspect of the means, methods, techniques, sequences or procedures of the Contractor's work;
- v. Advise on, issue relating, or assume control over security or safety practices, precautions, and programs in connection with the activities of the Authority or its Contractors;
- vi. Participate in specialized field or laboratory tests or inspections conducted off-site by others; or
- vii. Accept shop drawings or sample submittals from anyone other than the Contractor.

b. The RPI shall:

- i. Review the progress schedule, schedule of Shop Drawing and Sample submittals, schedule of values prepared by the Contractor and consult with the Engineer concerning acceptability;

- ii. Attend meetings with Contractor and subcontractors, such as preconstruction conferences, progress meetings, job conferences, and other Project-related meetings;
- iii. Provide email updates to the Engineer and the Authority regarding meetings with Contractor and subcontractors;
- iv. Conduct daily on-site inspections of all Work in progress;
- v. Prepare daily inspection reports to determine if the Work is progressing in accordance with Contract Documents;
- vi. Report to the Authority and the Engineer whenever the RPI believes any portion of the Work will not produce a completed Project, conforming with the Contract Documents, or will imperil the integrity of the Project design as a functioning whole as indicated in the Contract Documents, or has been damaged, or does not meet the requirements of any inspection, test or approval required to be made;
- vii. Advise the Authority and the Engineer whether any part of the Work in progress should be corrected or rejected or should be uncovered for observations, or requires special testing, inspection, or approval;
- viii. Verify that tests, equipment, and systems start-ups and operating and maintenance training are conducted in the presence of appropriate Authority personnel, and that the Contractor maintains adequate records relating to the same;
- ix. Observe, record, and report to the Engineer appropriate details relative to the test procedures and systems start-ups;
- x. Report to the Engineer and the Authority when clarifications and interpretations of the contract documents are needed and transmit to the Contractor clarifications and interpretations as issued by the Engineer;
- xi. Advise the Engineer and the Contractor of the commencement of any portion of the Work requiring a Shop Drawing or Sample submittal for which RPI believes that the submittal has not been approved by the Engineer; and
- xii. Submit, via email, bi-weekly updates to the Authority summarizing the resident inspection costs and projecting further resident inspection costs for the duration of the Work.

3.06 General Services:

A. *Contractor's Request for Payment:*

1. As a general service to the Authority, the Engineer will review applications for payment with the Contractor for compliance with the established procedure for their submission and forward recommendation to the Authority, noting particularly the relationship of the payment requested to the schedule of values, work completed, and materials and equipment delivered to the Project site but not incorporated in the work.
2. Based on the Engineer's observations and on review of Applications for Payment and accompanying supporting documentation, the Engineer shall:
 - a. Determine the amounts that the Engineer recommends Contractor be paid;
 - b. Recommend reductions in payment based on the provisions stated in the Construction Documents;
 - c. Such recommendations of payment will be in writing and will constitute the Engineer's representation to the Authority, based on such observations and review, that, to the best of the Engineer's knowledge, information and belief, the Contractor's Work has progressed to the point indicated, the Work is generally in accordance with the Contract Documents:
 - i. 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
 - ii. Subject to the conditions precedent that permits a Contractor to receive payment based on the Work performed, which has been reviewed and accepted by the Engineer;
 - d. In the case of unit price Work, the 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.

B. *Standards for Certain Construction-Phase Decisions:*

1. The 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.

2. In rendering such decisions and judgments, the Engineer will not show partiality to the Authority or the Contractor, and will not be liable to the Authority, Contractor, or others in connection with any proceedings, interpretations, decisions, or judgments conducted or rendered in good faith.

C. *Certificates, Operation and Maintenance Materials:*

1. During the course of construction, as a general service, the Engineer will verify whether materials and equipment certificates, operation and maintenance manuals and other data required by the Contract Documents to be assembled and furnished by the Contractor are applicable to the items actually installed and in accordance with the Contract Documents.
2. After receipt from the Contractor, the Engineer will review and transmit to the Authority:
 - a. Any maintenance and operating instructions,
 - b. Schedules,
 - c. Guarantees, bonds, certificates or other evidence of insurance required by the Contract Documents,
 - d. Certificates of inspection, tests and approvals, and
 - e. Shop Drawings, Samples, and other data as required.
3. Upon receipt from the Contractor, the Engineer will review and transmit to the Authority the annotated record documents which are to be assembled by Contractor in accordance with the Contract Documents to obtain final payment.
4. The Engineer must deliver to the Authority those documents described in subparagraph 2 of this paragraph, prior to the payment for such work.

D. *Completion:*

1. Upon authorization from the Authority, as general services, the Engineer shall:
 - a. Participate in visits to the Project to determine substantial completion, assist in the determination of substantial completion and the preparation of lists to be completed or corrected;
 - b. Participate in a final visit to the Project with Authority personnel; and prepare a final list of items to be completed and deficiencies to be remedied; and
 - c. Observe whether all items on the final list have been completed or corrected and make recommendations to the Authority concerning acceptance of the Project and final payment.

2. *Substantial Completion:*

- a. After a notice has been given by the Contractor as to the substantial completion or completion of Work, the Engineer will promptly visit the Project site to review the Work and determine the status of completion.
- b. The Engineer will follow the procedures in the Contract Document regarding the following:
 - i. the preliminary certificate of Substantial Completion,
 - ii. punch list of items to be completed,
 - iii. objections made by the Authority,
 - iv. notice to Contractor, and issuance of a final certificate of Substantial Completion.
- c. The Engineer will assist Authority regarding any remaining engineering or technical matters affecting Authority's use or occupancy of the Work following Substantial Completion.

3. *Final Notice of Acceptability of the Work:*

- a. After conducting a final visit to the Project, the Engineer will determine if the Work is complete and acceptable so that the Engineer may recommend, in writing, final payment to the Contractor.
- b. Accompanying the recommendation for final payment, the Engineer shall also provide a notice to the Authority and the Contractor that the Work is acceptable to the best of the Engineer's knowledge, information, and belief, and based on the extent of the services provided by the Engineer under this Agreement.

3.07 Record Drawings:

A. Upon authorization from the Authority, the Engineer shall:

1. Provide record drawings, including the base mapping of all completed Work according to the latest Authority As-Built Standards, using the AutoCAD Version 2018 platform.
2. Furnish all AutoCAD files on CD to the Authority.
3. Submit two stamped/signed full size sets, AutoCAD files, .pdf version of the drawings and Project Manual (with addenda) and GPS coordinates no later than

one month after final payment of the Work is recommended for approval and in accordance with Authority Standards.

3.08 Service Timeframe. Unless otherwise extended by mutual agreement of the parties, the Engineer will render professional services relating to this Project within the following timeframe:

- A. All services under § 3.01, § 3.02, and § 3.03 of this Agreement shall be completed and delivered to the Authority within 240 days of the issuance of the Authority's notice to proceed. The Design is complete when the Bid Documents are submitted to the Authority;
- B. All services under § 3.07 of this Agreement, Record Drawings, shall be completed and delivered to the Authority within 60 days following the contractor's date of Substantial Completion;
- C. All other services should be completed by the end of the project with an estimated completion date of May 1, 2023.

ARTICLE 4 – PAYMENT OF PROFESSIONAL SERVICES

4.01 Lump Sum Payments: The Engineer agrees to accept a lump sum payment for the following services:

- A. ***Preliminary Investigation and Design:*** For services described under § 3.01 and § 3.02, paragraphs A and B, of this Agreement, the Authority shall pay the Engineer a lump sum which will include all expense, labor and cost associated with this service, exclusive of expenses for subcontracted Diving and Underwater services which shall be paid as a direct non-salary expense identified in § 4.04, paragraph D. Payment will be made monthly based on the percentage of completion up to 100% of the total lump sum amount. Payment for the subcontracted Diving and Underwater services will be made monthly.
- B. ***Design:*** For services described under § 3.03 of this Agreement, the Authority shall pay the Engineer a lump sum which will include all expense, labor and cost associated with this service. Payment will be made monthly based on the percentage of completion up to 100% of the total lump sum amount.
- C. ***Construction and General Services:*** For services described under § 3.04 and § 3.06 of this Agreement, the Authority shall the pay Engineer a lump sum which will include all expense, labor and cost associated with this service. Payment will be made monthly based on the percentage of completion up to 100% of the total lump sum amount.
- D. ***Record Drawings:*** For services described under § 3.07 of this Agreement, the Authority shall pay the Engineer a lump sum which will include all expense, labor and cost associated with this service. Payment will be made monthly based on the percentage of completion up to 100% of the total lump sum amount.

4.02 Resident Inspection: For services described under § 3.05 of this Agreement, the Authority shall pay the Engineer the payable hourly rates listed under § 4.04, paragraph B and direct non-salary expenses. Overtime premium will be paid at 50% of the Resident Inspectors' direct hourly rate in addition to the payable hourly rate listed under § 4.04, paragraph B. Payment for Resident Inspection and expenses will be made monthly.

4.03 Special Services: For services described under § 3.02, paragraph C of this Agreement, the Authority shall pay the Engineer for special services pre-approved by the Authority's Chief Operating Officer in an amount approved by the Authority's Chief Financial Officer.

- A. When the Engineer is performing the special services described in § 3.02, paragraph C of this Agreement, such services will be billed at the fixed rates included in Appendix B of this Agreement.
- B. When the Engineer obtains special services from a third party, the Engineer will be reimbursed based on the actual invoice cost paid by the Engineer, plus 5%.

4.04 Engineering Cost Schedule:

A. *Engineering Costs:*

1. Lump Sum – Preliminary Design Cost	\$105,000.00
2. Lump Sum – Design Cost	\$107,000.00
3. Lump Sum – Construction and General Services Cost	\$ 56,000.00
4. Lump Sum – Record Drawings Cost	\$ 4,000.00

TOTAL LUMP SUM COST: \$272,000.00

B. *Resident Inspections Costs:*

	Payable Hourly Rate	Employee Direct Hourly Rate
Senior Resident Project Representative	\$159.00	\$56.79
Resident Project Representative	\$130.00	\$46.43

The Dollar amount for Estimated Resident Inspection is based fixed hour estimate of 220 hours of Senior Resident Project Representative Payable Hourly Rate and 1,000 hours of Resident Project Representative Payable Hourly Rate during the duration of the project. Payment will be made for actual hours worked during the duration of construction. Actual hours will vary based on production rates of the Contractor during construction, unforeseen circumstances that develop during construction, and weather conditions.

- 1. Estimated Resident Inspection \$165,000.00
- 2. **TOTAL NOT TO EXCEED RESIDENT INSPECTION: \$182,000.00**

C. *Special Services (not to exceed)* \$50,000.00

D. Other Costs:

- | | |
|--|----------------------|
| 1. Estimated Mileage (IRS rate) | \$0.56 per mile |
| 2. Estimated Copy Costs (per copy) | \$0.05 per sheet |
| 3. Prints (per print) | \$1.00 per print |
| 4. Diving and Underwater Subcontractor Services Expenses, invoiced as a direct, non-salary cost provided as part of § 3.02, Paragraph A. | Cost plus 5% maximum |
| 5. Subcontractor Expenses, invoiced as special services | Cost plus 5% maximum |
| 6. Other Direct Non-Salary Costs | At cost |

Total Estimated Direct Non-Salary Costs **\$127,000.00**

4.05 Audit: The Authority reserves the right to audit the Engineer's records to verify bills submitted and representations made. For this purpose, the Engineer agrees to make company records available for inspection upon written notice by the Authority. The Authority shall have two years from the date of the Engineer's final bill to complete its audit. If the audit establishes an overcharge, the Engineer agrees to refund the excess.

ARTICLE 5 – GENERAL PROVISIONS

5.01 Subcontract and Assignments: The Engineer may not subcontract or delegate any of the work, services, and/or other obligations of the Engineer without the express written consent of the Authority's Executive Staff. The Authority and the Engineer bind themselves and their successors, administrators and assigns to the terms of this Agreement. The Engineer shall not assign, sublet or transfer its interest in the Agreement without the written consent of the Authority.

5.02 Amendments: Any modification or variation from the terms of this Agreement must be in writing, authorized by a resolution of the Board of Commissioners of the Authority, and signed by all parties to be effective.

5.03 Right to Terminate: The Authority reserves the right to terminate the Engineer's services at any time, without cause, based on seven (7) days' written notice. The Engineer shall not be entitled to lost profit and shall perform only such services, after notification of termination, as the Authority directs.

5.04 Indemnification:

- A. To the fullest extent permitted by law, the Engineer agrees to indemnify and hold the Authority harmless from all third party claims, liabilities, damages and costs (including all reasonable attorney's fees, and cost of defense) to which the Authority, its officers, directors and employees may be subject to, arising out of the death or bodily injury to any person or the destruction or damage to any property to the extent caused by the negligent acts, errors or omissions, or willful misconduct of the Engineer's performance of professional services provided under this Agreement and those of its subcontractors or anyone for whom the Engineer is legally liable.

- B. To the fullest extent permitted by law, the Authority agrees to indemnify and hold the Engineer harmless from all third party claims, liabilities, damages and costs (including all reasonable attorney's fees and cost of defense) to the extent caused by the negligent acts, errors or omissions of the Authority, its contractors, engineers, or anyone for whom the Authority is legally liable.

5.05 Confidential Information:

- A. To assist the Engineer in the performance of this Agreement, the Authority may provide the Engineer with confidential information including, but not limited to information relative to the services to be performed. All information received by the Engineer in any fashion and under any conditions resulting from the rendering of the services in consideration of this agreement, are considered confidential. The Engineer shall hold in confidence and not disclose to any person or any entity, any information regarding information learned during the performance of services including but not limited to information relative to the services to be performed.
- B. The Engineer shall use at least the same degree of care to protect and prevent unauthorized disclosure of any confidential information as it would use to protect and prevent unauthorized disclosure of its own proprietary information. The Engineer shall use confidential information only in the performance of this Agreement. No other use of the confidential information whether for the Engineer's benefit or for the benefit of others shall be permitted.
- C. In no event is the Engineer authorized to disclose confidential information without the prior written approval of the Authority. The Engineer may provide such information to its subcontractors for the purpose of performing the services; or disclose such information, with notice to the Authority, if such information is required to be disclosed by law or court order.
- D. The terms of this section shall be binding during and subsequent to the expiration or termination of this Agreement.

5.06 Insurance:

- A. The Engineer agrees to secure and maintain such insurance as will protect itself from claims under the Workers' Compensation Act; claims for damages because of bodily injury, including personal injury, sickness or disease, or death of any of its employees or of any person other than its employees; and from claims for damages because of injury to or destruction of property including loss of use resulting therefrom in the amounts indicated on Appendix C-1.
- B. The Engineer agrees to provide and maintain insurance that will provide coverage for claims arising out of the negligent performance of its services.
- C. The Engineer agrees to provide Certificates of Insurance certifying the coverage required by this provision.

- D. The Engineer agrees to provide the name of an employee who will be responsible for providing the Authority with current and updated Certificates of Insurance. The Authority requires the name of the employee, the employee's phone number and email address.
- E. The Engineer agrees to require all direct or indirect subcontractors to procure and maintain insurance in accordance with the insurance requirements set forth in the Addendum Agreement attached as Appendix C-2.

5.07 Copyrights, Trademarks and Licensing: The Engineer agrees all materials or work produced under this Agreement, whether produced by the Engineer alone or with others, and regardless of whether produced during regular working hours, shall be considered work made for hire and the property of the Authority. The Engineer shall, during and after the terms of this Agreement, assign to the Authority, without further consideration, all right, title and interest in all material produced under this Agreement. All material produced under this Agreement shall be and remain the property of the Authority whether registered or not.

5.08 New York Law and Jurisdiction: Notwithstanding any other provision of this Agreement, any dispute concerning any question of fact or law arising under this Agreement which is not disposed of by agreement between the Engineer and the Authority shall be governed, interpreted and decided by a court of competent jurisdiction of the State of New York in accordance with the laws of the State of New York.

5.09 Conflicts of Interest: The Engineer represents that it has advised the Authority in writing prior to the date of signing this Agreement of any relationships with third parties, including competitors of the Authority, which would present a conflict of interest with the rendering of the services, or which would prevent the Engineer from carrying out the terms of this Agreement or which would present a significant opportunity for the disclosure of confidential information. The Engineer will advise the Authority of any such relationships that arise during the term of this Agreement. The Authority shall then have the option to terminate the Agreement without being subject to further obligations under its terms, except for the payment of services already rendered by the Engineer. So long as the Engineer reports such a conflict as required by this section, the Engineer will have no further obligations for completing the scope of services under the terms of this Agreement.

5.10 Additional Conditions: The Engineer and the Authority acknowledge that there may be additional conditions, terms and provisions which shall apply specifically to the services to be performed. The parties agree to negotiate in good faith to agree upon such additional terms.

5.11 Entire Agreement: This Agreement constitutes the entire understanding of the parties and no representations or agreements, oral or written, made prior to its execution shall vary or modify the terms herein. This Agreement supersedes all prior contemporaneous communications, representations, or agreements, whether oral or written with respect to the subject matter hereof and has been induced by no representations, statements or agreements other than those herein expressed. No subsequent agreement made between the parties shall be binding on either party

unless reduced to writing and signed by an authorized officer of the party sought to be bound by such agreement.

5.12 Independent Status:

- A. Nothing contained in the Agreement shall be construed to render either the Authority or the Engineer, an owner, member, officer, partner, employee or agent of the other, nor shall either party have authority to bind the other in any manner, other than as set forth in this Agreement, it being intended that the Engineer shall remain an independent contractor responsible for its own actions. The Engineer is retained by the Authority only for the purpose and to the extent set forth in this Agreement.
- B. The Engineer is free to choose the aggregate number of hours worked and the scheduling of such hours as it shall see fit at its discretion within the limitations set forth in Article 4.
- C. Neither the Engineer nor its employees shall be considered under the provisions of this Agreement or otherwise as having an employee, servant or agency status or as being entitled to participate in any plans, arrangements or distributions of the Authority.
- D. In providing the services under this Agreement, the Engineer represents and warrants that it has complied with all applicable federal, state and local laws particularly with respect to licenses, withholdings, reporting and payment of taxes. The Engineer agrees to furnish copies of documentation to the Authority evidencing its compliance with such laws. The Engineer further represents and warrants that any income accruing to the Engineer and its employees from the Agreement shall be reported as such to the appropriate taxation authorities.

5.13 Doing Business Status: The Engineer represents it is qualified to do business in the State of New York and has registered with the New York Secretary of State.

5.14 Force Majeure: Engineer shall not be liable to the Authority for any failure to perform the Services if any such failure is caused by forces beyond Engineer's reasonable control, including without limitation, actions or inactions of any governmental agencies, changes in law, strikes, lockouts, or other industrial disturbances, acts or omissions of third-parties, civil disturbances, fires, floods, earthquakes, acts of God, acts of a public enemy or terrorism, epidemics or pandemics, including issues arising out of the COVID-19 pandemic, which may include without limitation, workforce shortages, lack of necessary supplies or Personal Protective Equipment, travel restrictions, and other restrictions resulting from public guidance and emergency orders.

5.15 Gratuities: The Engineer shall prohibit its agents, employees and consultants from using their positions for personal financial gain, or from accepting any personal advantage from anyone under circumstances which might reasonably be interpreted as an attempt to influence the recipients in the conduct of their official duties. The Engineer or its employees shall not, under circumstances which might be reasonably interpreted as an attempt to influence the recipients in the conduct of their duties, extend any gratuity or special favor to employees of the Authority.

5.16 Notice: Any notices required by this Agreement or otherwise shall be delivered by United States Postal mail or personal delivery upon the addresses hereinbefore stated. Any change in such addresses shall be required to be in writing to the other party and acknowledged as such.

ARTICLE 6 – SEVERABILITY

6.01 Any provision or part of the Agreement held to be void or unenforceable by a court of competent jurisdiction shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon the parties, which agrees that the Agreement shall be reformed to replace such stricken provisions or part thereof with a valid enforceable provision that comes as close as possible to expressing the intent of the stricken provision. The validity and enforceability of all other provisions of this Agreement shall not otherwise be affected.

ARTICLE 7 – TERMINATION

7.01 The Authority reserves the right to terminate this Agreement in the event it is found that the Certification filed by the Engineer in accordance with New York State Finance Law §139-k was intentionally false or intentionally incomplete. Upon such finding, the Authority may exercise its termination right by providing written notification to the Engineer in accordance with the written notification terms of this Agreement.

ERIE COUNTY WATER AUTHORITY

By _____
Jerome D. Schad, Chair

ARCADIS OF NEW YORK, INC.

By _____
Mark R. Lenz, P.E., Senior Vice President

STATE OF NEW YORK)
COUNTY OF ERIE) ss:

On the _____ day of _____, in the year 2021, before me personally came Jerome D. Schad, to me known, who, being by me duly sworn, did depose and say that he resides in Amherst, New York, that he is the Chair of the Board of Commissioners for the Erie County Water Authority described in the above instrument; and that he signed his name thereto by order of the Board of Commissioners.

Notary Public

STATE OF NEW YORK)
COUNTY OF NEW YORK) ss:

On the _____ day of _____, in the year 2021, before me personally came _____, to me known, who, being by me duly sworn, did depose and say that he resides in _____, New York, that he is the _____ of the Corporation described in the above instrument; and that he signed his name thereto by order of the Board of Directors of said Corporation.

Notary Public

APPENDIX A
RESPONSE TO RFP
REQUIRED FORMS

NON-COLLUSIVE BIDDING CERTIFICATION
as mandated by Public Authority Law § 2878

By submission of this bid or proposal, each bidder/respondent and each person signing on behalf of any bidder/respondent certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of his knowledge and belief:

- (1) The prices in this bid or proposal have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder/respondent or with any competitor; and
- (2) Unless otherwise required by law, the prices which have been quoted in this bid or proposal have not been knowingly disclosed by the bidder/respondent and will not knowingly be disclosed by the bidder/respondent prior to opening, directly or indirectly, to any other bidder/respondent or to any competitor; and
- (3) No attempt has been made or will be made by the bidder/respondent to induce any other person, partnership, or corporation to submit or not to submit a bid for the purpose of restricting competition.

NOTICE
(Penal Law § 210.45)

IT IS A CRIME, PUNISHABLE AS A CLASS A MISDEMEANOR UNDER THE LAWS OF THE STATE OF NEW YORK, FOR A PERSON, IN AND BY A WRITTEN INSTRUMENT, TO KNOWINGLY MAKE A FALSE STATEMENT, OR TO MAKE A FALSE STATEMENT, OR TO MAKE A STATEMENT WHICH SUCH PERSON DOES NOT BELIEVE TO BE TRUE.

BID NOT ACCEPTABLE WITHOUT FOLLOWING CERTIFICATION:

Affirmed under penalty of perjury this 28th day May, 2021

TERMS N/A DELIVERY DATE AT DESTINATION N/A

FIRM NAME Arcadis of New York, Inc.

ADDRESS 50 Fountain Plaza, Suite 600

Buffalo, NY ZIP 14202

AUTHORIZED SIGNATURE 

TYPED NAME OF AUTHORIZED SIGNATURE Mark Lenz, PE

TITLE Senior Vice President TELEPHONE No. 716-316-5886

SECTION 2875 OF THE PUBLIC AUTHORITIES LAW

§2875. GROUND FOR CANCELLATION OF CONTRACT BY PUBLIC AUTHORITY.

A clause shall be inserted in all specifications or contracts hereafter made or awarded by any public authority or by any official of any public authority created by the state or any political subdivision, for work or services performed or to be performed or goods sold or to be sold, to provide that upon the refusal of a person, when called before a grand jury, head of a state department, temporary state commission, or other state agency, the organized crime task force in the department of law, head of a city department, or other city agency, which is empowered to compel the attendance of witnesses and examine them under oath, to testify in an investigation concerning any transaction or contract had with the state, any political subdivision thereof or of a public authority, to sign a waiver of immunity against subsequent criminal prosecution or to answer any relevant question concerning such transaction or contract.

- (a) Such person, and any firm, partnership, or corporation of which he is a member, partner, director, or officer shall be disqualified from thereafter selling to or submitting bids to or receiving awards from or entering into any contracts with any public authority or official thereof, for goods, work or services, for a period of five years after such refusal, and to provide also that
- (b) any and all contracts made with any public authority or official thereof, since the effective date of this law, by such person and by any firm, partnership, or corporation of which he is a member, partner, director or officer may be canceled or terminated by the public authority without incurring any penalty or damages on account of such cancellation or termination, but any monies owing by the public authority for goods delivered or work done prior to the cancellation termination shall be paid.

This is to CERTIFY that neither the undersigned nor any member, partner, director, or officer of the firm has refused to sign a waiver of immunity against subsequent criminal prosecution or to answer any relevant question concerning a transaction or contract with the state, any political subdivision thereof, a public authority or with a public department, agency or official of the state or of any political subdivision thereof or of a public authority, when called before a grand jury, head of a state department, temporary state commission, or other state agency, the organized crime task force in the department of law, head of a city department, or other city agency, which is empowered to compel the attendance of witnesses and examine them under oath.



Arcadis of New York, Inc.

(Name of Individual, Partnership or Corporation)

By Mah Roy
(Person authorized to sign)

SECTION 2876 OF THE PUBLIC AUTHORITIES LAW

§2876. DISQUALIFICATION TO CONTRACT WITH PUBLIC AUTHORITY

Any person who, when called before a grand jury, head of a state department, temporary state commission or other state agency, the organized crime task force in the department of law, head of a city department or other city agency, which is empowered to compel the attendance of witnesses and examine them under oath to testify in an investigation concerning any transaction or contract had with the state, any political subdivision thereof, a public authority or with a public department, agency or official of the state or of any political subdivision thereof or of a public authority, refuses to sign a waiver of immunity against subsequent criminal prosecution or to answer any relevant questions concerning such transaction or contract, and any firm, partnership or corporation of which he is a member, partner, director or officer shall be disqualified from thereafter selling to or submitting bids to or receiving awards from or entering into any contracts with any public authority or any official of any public authority created by the state or any political subdivision, for goods, work or services, for a period of five years after such refusal or until a disqualification shall be removed pursuant to the provisions of section twenty-six hundred three of this article.

It shall be the duty of the officer conducting the investigation before the grand jury, the head of a state department, the chairman of the temporary state commission or other state agency, the organized crime task force in the department of law, the head of a city department or other city agency before which the refusal occurs to send notice of such refusal, together with the names of any firm, partnership or corporation of which the person so refusing is known to be a member, partner, officer or director, to the commissioner of transportation of the state of New York, or the commissioner of general services as the case may be, and the appropriate departments, agencies and officials of the state, political subdivisions thereof or public authorities with whom the persons so refusing and any firm, partnership or corporation of which he is a member, partner, director or officer, is known to have a contract. However, when such refusal occurs before a body other than a grand jury, notice of refusal shall not be sent for a period of ten days after such refusal occurs. Prior to the expiration of this ten day period, any person, firm, partnership or corporation which has become liable to the cancellation or termination of a contract or disqualification to contract on account of such refusal may commence a special proceeding at a special term of the supreme court, held within the judicial district in which the refusal occurred, for an order determining whether the questions in response to which the refusal occurred were relevant and material to the inquiry. Upon the commencement of such proceeding, the sending of such notice of refusal to answer shall be subject to order of the court in which the proceeding was brought in a manner and on such terms as the court may deem just. If a proceeding is not brought within ten days, notice of refusal shall thereupon be sent as provided herein.

This is to CERTIFY that neither the undersigned nor any member, partner, director, or officer of the firm has refused to sign a waiver of immunity against subsequent criminal prosecution or to answer any relevant question concerning a transaction or contract with the state, any political subdivision thereof, a public authority or with a public department, agency or official of the state or of any political subdivision thereof or of a public authority, when called before a grand jury, head of a state department, temporary state commission, or other state agency, the organized crime task force in the department of law, head of a city department, or other city agency, which is empowered to compel the attendance of witnesses and examine them under oath.



Arcadis of New York, Inc.

(Name of Individual, Partnership or Corporation)

By Mah Roy
(Person authorized to sign)

FORMS A, B, and C

STATE FINANCE LAW REQUIREMENTS

The Erie County Water Authority (the “Authority”) is a government entity, as that term is defined in State Finance Law §§ 139-j(1)(a) and 139-k(1)(a). When the Authority seeks to procure goods or services by means of an Invitation or Notice to Bid, or a Request for Proposals, the State Finance Law imposes certain restrictions on anyone who may wish to offer goods or services to the Authority as an Offerer, as that term is defined in §§ 139-j(1)(h) and 139-k(1)(h).

During the Restricted Period, as defined in §§ 139-j(1)(f) and 139-k(1)(f), when bids or proposals are being solicited, the Authority will designate a contact person with whom the Offerer may contact for information and other authorized purposes as set forth in §139-j of the State Finance Law. The designated contact is identified in the Notice to Bidders, or in the Request for Proposal. An Offerer is authorized to contact the Authority’s designated contact for such purposes as set forth in § 139-j(3).

Pursuant to the State Finance Law, the Authority is also required to make certain findings before making any determinations as to the qualifications and eligibility of those seeking a procurement contract, as that term is defined in State Finance Law §§ 139-j(1)(g) and 139-k(1)(g). Certain findings of non-responsibility can result in rejection for contract award and in the event of two findings of non-responsibility occurring within a 4-year period, the Offerer will be debarred from obtaining procurement contracts with the Authority. Further information about these requirements can be found in §§139–j and 139–k of the New York State Finance Law and the Erie County Water Authority’s Procurement Disclosure Policy.

The following forms will be used by the Authority to make such findings:

Form A - Offerer’s Affirmation of Understanding of, and Agreement to Comply with, the Authority’s Permissible Contact Requirements During the Restricted Period.

Form B - Offerer’s Certification of Compliance with State Finance Law.

Form C - Offerer’s Disclosure of Prior Non-Responsibility Determinations.

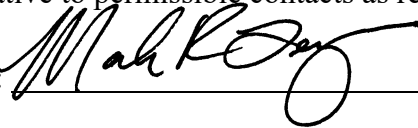
FORM A

**Offerer's Affirmation of Understanding of, and Agreement to Comply
with, the Permissible Contact Requirements During the Restricted Period**

Instructions:

The Erie County Water Authority (the "Authority") is a government entity, as that term is defined in State Finance Law §§ 139-j(1)(a) and 139-k(1)(a). The Authority must obtain a written affirmation of understanding and agreement to comply with procedures regarding permissible contacts with the Authority in the restricted period for a procurement contract in accordance with State Finance Law §139-j and §139-k. It is required that this affirmation be obtained as early as possible in the procurement process, but no later than when the Offerer submits its proposal.

Offerer affirms that it understands and agrees to comply with the procedures of the Authority relative to permissible contacts as required by State Finance Law §139-j(3) and §139-j(6)(b).

By: 

Date: May 28, 2021

Name: Mark Lenz, PE

Title: Senior Vice President

Contractor Name: Arcadis of New York, Inc.

Contractor Address: 50 Fountain Plaza, Suite 600, Buffalo, NY 14202

FORM B

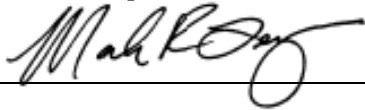
**Offerer's Certification of Compliance
With State Finance Law §139-k(5)**

Instructions:

The Erie County Water Authority (the "Authority") is a government entity, as that term is defined in State Finance Law §§ 139-j(1)(a) and 139-k(1)(a). The Authority must obtain a Certification that the information submitted for a procurement contract is complete, true, and accurate regarding any prior findings of non-responsibility, such as non-responsibility pursuant to State Finance Law §139-j. The Offerer must agree to sign the Certification, under penalty of perjury, and to provide the Certification to the Authority. The Certification should be obtained as early as possible in the process, but no later than when an Offerer submits its proposal.

Offerer Certification:

I certify that all information provided to the Authority relating to the awarding of a procurement contract is complete, true, and accurate.

By: 

Date: May 28, 2021

Name: Mark Lenz, PE

Title: Senior Vice President

Contractor Name: Arcadis of New York, Inc.

Contractor Address: 50 Fountain Plaza, Suite 600, Buffalo, NY 14202

FORM C**Offerer's Disclosure of Prior
Non-Responsibility Determinations****Background:**

The Erie County Water Authority (the "Authority") is a government entity, as that term is defined in State Finance Law §§ 139-j(1)(a) and 139-k(1)(a). New York State Finance Law §139-k(2) obligates the Authority to obtain specific information regarding prior non-responsibility determinations with respect to State Finance Law §139-j. In accordance with State Finance Law §139-k, an Offerer must be asked to disclose whether there has been a finding of non-responsibility made within the previous four (4) years by any Governmental Entity due to: (a) a violation of State Finance Law §139-j; or (b) the intentional provision of false or incomplete information to a Government Entity.

The terms "Offerer" and "Governmental Entity" are defined in State Finance Law §§139-j(1) and §139-k(1). These sections also set forth detailed requirements about the restrictions on contacts during the procurement process. A violation of State Finance Law §139-j includes, but is not limited to, an impermissible contact during the restricted period (for example, contacting a person or entity other than the designated contact person, when such contact does not fall within one of the exemptions).

As part of its responsibility determination, State Finance Law §139-k(3) mandates consideration of whether an Offerer fails to timely disclose accurate or complete information regarding the above non-responsibility determination. In accordance with law, no Procurement Contract shall be awarded to any Offerer that fails to timely disclose accurate or complete information under this section, unless a finding is made that the award of the Procurement Contract to the Offerer is necessary to protect public property or public health safety, and the Offerer is the only source capable of supplying the required Article of Procurement, as that term is defined in State Finance Law §§ 139-j(1)(b) and 139-k(1)(b), within the necessary timeframe. See State Finance Law §139-j(10)(b) and §139-k(3).

Instructions:

The Authority must include a disclosure request regarding prior non-responsibility determinations in accordance with State Finance Law §139-k in its solicitation of proposals or bid documents or specifications or contract documents, as applicable, for procurement contracts. The attached form is to be completed and submitted by the individual or entity seeking to enter into a Procurement Contract. It shall be submitted to the Authority conducting the Governmental Procurement no later than when the Offerer submits its proposal.

FORM C (Continued)**Offerer's Disclosure of Prior Non-Responsibility Determinations**

Name of Individual or Entity Seeking to Enter into the Procurement Contract:

Arcadis of New York, Inc.

Address: 50 Fountain Plaza, Suite 600, Buffalo, NY 14202

Name and Title of Person Submitting this Form: Mark Lenz, PE, Senior Vice President

Contract Procurement Number: 202100052

Date: May 28, 2021

1. Has any Governmental Entity made a finding of non-responsibility regarding the individual or entity seeking to enter into the Procurement Contract in the previous four years? (Please circle):
- ☒ No ☐ Yes

If yes, please answer the next questions:

2. Was the basis for the finding of non-responsibility due to a violation of State Finance Law §139-j (Please circle): ☐ No ☐ Yes
3. Was the basis for the finding of non-responsibility due to the intentional provision of false or incomplete information to a Governmental Entity? (Please circle) ☐ No ☐ Yes
4. If you answered yes to any of the above questions, please provide details regarding the finding of non-responsibility below.

Governmental Entity: _____

Date of Finding of Non-Responsibility: _____

Basis of Finding of Non-Responsibility: _____

(Add additional pages as necessary)

FORM C (Continued)

5. Has any Governmental Entity or other governmental agency terminated or withheld a Procurement Contract with the above-named individual or entity due to the intentional provision of false or incomplete information? (Please circle): No Yes

6. If yes, please provide details below.

Governmental Entity: _____

Date of Termination or Withholding of Contract: _____

Basis of Termination or Withholding:

(Add additional pages as necessary)

Offerer certifies that all information provided to the Erie County Water Authority with respect to State Finance Law §139-k is complete, true, and accurate.

By:  _____
Signature

Date: May 28, 2021

Name: Mark Lenz, PE

Title: Senior Vice President

CONTRACT TERMINATION PROVISION

Instructions:

A Contract Termination Provision will be included in each procurement contract governed by State Finance Law §139-k. New York State Finance Law §139-k(5) provides that every procurement contract award subject to the provisions of State Finance Law §§139-k and 139-j shall contain a provision authorizing the governmental entity to terminate the contract in the event that the certification is found to be intentionally false or intentionally incomplete. This statutory contract language authorizes, but does not mandate, termination. “Government Entity” and “procurement contract” are defined in State Finance Law §§ 139 j(1) and 139-k(l).

This required clause will be included in a covered procurement contract.

A sample of the Termination Provision is included below. If a contract is terminated in accordance with State Finance Law §139-k(5), the Erie County Water Authority, as a governmental entity, is required to include a statement in the procurement record describing the basis for any action taken under the termination provision.

Sample Contract Termination Provision

<p>The Erie County Water Authority, as a governmental entity, reserves the right to terminate this contract in the event it is found that the certification filed by the Offerer in accordance with New York State Finance Law §139-k was intentionally false or intentionally incomplete. Upon such finding, the Authority may exercise its termination right by providing written notification to the Offerer in accordance with the written notification terms of this contract.</p>

**OFFERER'S STATEMENT REGARDING PREVENTION OF
UNLAWFUL DISCRIMINATORY PRACTICES**

The Erie County Water Authority (the "Authority"), as an employer in New York State, is subject to the Human Rights Law, codified as Executive Law §290, *et. seq.*, and Labor Law §201-g. The Authority seeks to provide a work environment that is free from unlawful discriminatory practices as they are defined in Executive Law §296, as well as from inappropriate harassing conduct even if not deemed unlawful, to its employees, contractors, subcontractors, vendors, consultants, and any other person providing services on Authority premises. Pursuant to the Human Rights Law, it shall be unlawful to discriminate against an individual, or to subject an individual to harassment, due to age, race, creed, color, national origin, sexual orientation, gender identity or expression, military status, sex, disability, predisposing genetic characteristics, familial status, marital status, or status as a victim of domestic violence. Accordingly, the Authority requires that any Offeror of a proposal or bid, agree to sign the following statement regarding unlawful discriminatory practices, including, but not limited to sexual harassment, under penalty of perjury. This statement should be provided to the Authority as early as possible in the procurement process, but not later than at the time of execution of a contract with the Authority. Failure to agree to sign the statement may result in the Authority deeming the bid or proposal withdrawn by the Offerer.

Offerer Statement:

I certify, under penalty of perjury, that the following statements are accurate:

- *Offerer is aware of its obligations under the Human Rights Law (Executive Law §290, et. seq.)*
- *Offerer complies with the provisions of Executive Law §290, et. seq., including Executive Law §296, and does not permit unlawful discriminatory practices or harassment based on an individual's age, race, creed, color, national origin, sexual orientation, gender identity or expression, military status, sex, disability, predisposing genetic characteristics, familial status, marital status, or status as a victim of domestic violence in its workplace.*
- *Offerer complies with the provisions of Labor Law §201-g, has implemented a written policy addressing sexual harassment in the workplace which meets the minimum standards of Labor Law §201-g, and provides annual sexual harassment prevention training to all of its employees.*

By:  Date: May 28, 2021

Name: Mark Lenz, PE

Title: Senior Vice President

Offerer Name: Arcadis of New York, Inc.

Offerer Address: 50 Fountain Plaza, Suite 600, Buffalo, NY 14202

APPENDIX B

FIXED RATES FOR SPECIAL SERVICES

Grade	Hourly Billing Rate
Engineer/Scientist Director	\$255.00
Principal Engineer/Scientist/Architect II	\$235.00
Principal Engineer/Scientist/Architect I	\$205.00
Senior Engineer/Scientist/Architect II	\$195.00
Senior Engineer/Scientist/Architect I	\$175.00
Project Engineer/Scientist/Architect I	\$155.00
Staff Engineer/Scientist/Architect	\$140.00
Engineer/Scientist	\$130.00
Field Supervisor	\$155.00
CADD Designer/Project Controller	\$135.00
Drafter II/Field Tech & Admin V	\$130.00
Drafter I/Field Tech & Admin III & IV	\$95.00
Design Tech II/Field Tech II/Admin II	\$85.00
Project/Administrative Assistant I	\$70.00

APPENDIX C-1

INSURANCE REQUIREMENTS FOR PROFESSIONAL SERVICES CONTRACT FOR CONSULTING ENGINEERING SERVICES

STURGEON POINT WATER TREATMENT PLANT VAN DE WATER TREATMENT PLANT RAW WATER INTAKE SYSTEM IMPROVEMENTS

ECWA Project No. 202100172

Insurance Specs:

The following minimum insurance requirements shall apply to vendors providing services to the Erie County Water Authority (the "Authority"). If a service or project, in the opinion of the Authority, represents an unusual or exceptional risk, the Authority may establish additional insurance requirements for that service or project. All insurance required herein shall be obtained at the sole cost and expense of the contractor, including deductibles and self-insured retentions, and shall be in full force and effect on the contract commencement date and for the duration of the contract. These requirements include but are not limited to the minimum insurance requirements.

Insurance Requirements:

a. Workers Compensation:

Part 1: Workers Compensation: Statutory

Part 2: Employers Liability: \$1,000,000.

Note: If New York State domiciled employees are used, coverage to be New York Statutory for both Parts 1 and 2

b. New York Disability Benefits Liability: Statutory coverage if New York State domiciled employees are used.

c. Commercial General Liability:

- \$2,000,000. General Aggregate
- \$2,000,000. Products/Completed Operations Aggregate
- \$1,000,000. Each Occurrence
- \$1,000,000. Personal Injury/Advertising Liability
- Per Project/Job Aggregate Limit Required
- Erie County Water Authority to be scheduled as an Additional Insured for both on-going and completed operations (attach Additional Insured endorsement to Certificate of Insurance)
- Insurance to be primary and non-contributory

d. Automobile Liability:

- \$1,000,000. Each Accident
- Erie County Water Authority to be scheduled as an Additional Insured.

e. Umbrella Liability:

- \$5,000,000. Each Occurrence
- \$5,000,000. Aggregate
- Per Project/Job Aggregate Limit Required
- Erie County Water Authority to be scheduled as an Additional Insured

f. Professional Liability:

- \$5,000,000 Per Claim
- \$5,000,000 Aggregate

Certificates of Insurance to be provided to the Authority prior to start of work as follows:

ACORD 25 including copy of Additional Insured Endorsement Note: If coverage provided for NYS domiciled employees require Forms C 105.2 and DB 120.1 for Workers Compensation and NYS DBL.

Certificates of Insurance, on forms approved by the New York State Department of Insurance, must be submitted to the Authority prior to the award of contract. Renewals of Certificates of Insurance, on forms approved by the New York State Department of Insurance, must be received by the Authority 30 days prior to the expiration of the insurance policy period.

Certificates of Insurance and renewals, on forms approved by the New York State Department of Insurance, must be submitted to the Authority prior to the award of contract. Each insurance carrier issuing a Certificate of Insurance shall be rated by A. M. Best no lower than “A-” with a Financial Strength Code (FSC) of at least VII. The professional service provider shall name the Authority, its officers, agents and employees as additional insured on a Primary and Non-Contributory Basis, including a Waiver of Subrogation endorsement (form CG 20 26 11 85 or equivalent), on all applicable liability policies. Any liability coverage on a “claims made” basis should be designated as such on the Certificate of Insurance. Such insurance shall continue through the term of this Agreement and vendor shall purchase at his sole expense either 1) an Extended Reporting Endorsement (also, known as Tail Coverage); or 2) Prior Acts Coverage from new insurer with a retroactive date back to the date of, or prior to, the inception of this Agreement; or 3) demonstrate through Certificates of Insurance that vendor has Maintained continuous coverage with the same or original insurer. Coverage provided under items; 1), 2), or 3) will continue as long as the law allows.

To avoid confusion with similar insurance company names and to properly identify the insurance company, please make sure that the insurer’s National Association of Insurance Commissioners (N.A.I.C.) identifying number or A. M. Best identifying number appears on the Certificate of Insurance. Also, at the top of the Certificate of Insurance, please list the project number.

Acceptance of a Certificate of Insurance and/or approval by the Authority shall not be construed to relieve the outside vendor of any obligations, responsibilities or liabilities.

Certificates of Insurance should be e-mailed to mmusarra@ecwa.org or mailed to Ms. Molly Jo Musarra, Claim Representative/Risk Manager, Erie County Water Authority, 295 Main Street, Room 350, Buffalo, New York 14203-2494, or If you have any questions you can contact Ms. Musarra by e-mail or phone (716) 849-8465.



CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)
06/29/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Aon Risk Services South, Inc. Franklin TN Office 501 Corporate Centre Drive Suite 300 Franklin TN 37067 USA	CONTACT NAME:	
	PHONE (A/C. No. Ext): (866) 283-7122	FAX (A/C. No.): 800-363-0105
INSURED Arcadis of New York, Inc. One Lincoln Center 110 West Fayette St., Suite 300 Syracuse NY 13202 USA	E-MAIL ADDRESS:	
	INSURER(S) AFFORDING COVERAGE	
	NAIC #	
	INSURER A: Hartford Fire Insurance Co.	
	INSURER B: Hartford Casualty Insurance Co	
	INSURER C:	
	INSURER D:	
INSURER E:		
INSURER F:		

COVERAGES**CERTIFICATE NUMBER:** 570088173490**REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

Limits shown are as requested

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY			20ECSOL5318 SIR applies per policy terms & conditions	10/01/2020	10/01/2021	EACH OCCURRENCE	\$1,000,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	\$1,000,000
	<input checked="" type="checkbox"/> Contractual Liability						MED EXP (Any one person)	\$10,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						PERSONAL & ADV INJURY	\$1,000,000
	<input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC						GENERAL AGGREGATE	\$2,000,000
	OTHER:						PRODUCTS - COMP/OP AGG	\$2,000,000
A	AUTOMOBILE LIABILITY			20 UEN OL5319	10/01/2020	10/01/2021	COMBINED SINGLE LIMIT (Ea accident)	\$1,000,000
	<input checked="" type="checkbox"/> ANY AUTO						BODILY INJURY (Per person)	
	<input type="checkbox"/> OWNED AUTOS ONLY	<input type="checkbox"/> SCHEDULED AUTOS					BODILY INJURY (Per accident)	
	<input type="checkbox"/> HIRED AUTOS ONLY	<input type="checkbox"/> NON-OWNED AUTOS ONLY					PROPERTY DAMAGE (Per accident)	
	<input checked="" type="checkbox"/> Property Damage to							
B	<input checked="" type="checkbox"/> UMBRELLA LIAB	<input checked="" type="checkbox"/> OCCUR		20XHUOL5322	10/01/2020	10/01/2021	EACH OCCURRENCE	\$5,000,000
	<input type="checkbox"/> EXCESS LIAB	<input type="checkbox"/> CLAIMS-MADE					AGGREGATE	\$5,000,000
	<input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$10,000							
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						<input type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER	
	ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	N/A				E.L. EACH ACCIDENT	
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE-EA EMPLOYEE	
							E.L. DISEASE-POLICY LIMIT	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

RE: ECWA PROJECT #202100172

Erie County Water Authority is included as Additional Insured in accordance with the policy provisions of the General Liability and Automobile Liability policies. General Liability evidenced herein is Primary and Non-Contributory to other insurance available to an Additional Insured, but only in accordance with the policy's provisions. Waiver of Subrogation is granted in favor of Erie County Water Authority in accordance with the policy provisions of the General Liability and Automobile Liability policies.

APPROVED/MJM

CERTIFICATE HOLDER**CANCELLATION**

Erie County Water Authority Attn: Molly Jo Musara 295 Main Street Suite 350 Buffalo NY 14203 USA	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE <i>Aon Risk Services South Inc.</i>

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED - OWNERS, LESSEES OR CONTRACTORS - SCHEDULED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location(s) Of Covered Operations
Blanket, as required by written contract.	All locations where required by written contract.
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

- C. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or

2. Available under the applicable Limits of Insurance shown in the Declarations;
whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED - OWNERS, LESSEES OR CONTRACTORS - COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location And Description Of Completed Operations
Blanket, as required by written contract.	All locations where required by written contract.
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury" or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the Schedule of this endorsement performed for that additional insured and included in the "products-completed operations hazard".

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following is added to Section III – Limits Of Insurance:

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or
2. Available under the applicable Limits of Insurance shown in the Declarations;

whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.



CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)
06/29/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Aon Risk Services South, Inc. Franklin TN Office 501 Corporate Centre Drive Suite 300 Franklin TN 37067 USA	CONTACT NAME:	
	PHONE (A/C. No. Ext): (866) 283-7122	FAX (A/C. No.): (800) 363-0105
INSURED Arcadis of New York, Inc. One Lincoln Center 110 West Fayette St., Suite 300 Syracuse NY 13202 USA	E-MAIL ADDRESS:	
	INSURER(S) AFFORDING COVERAGE	
	NAIC #	
	INSURER A: Indian Harbor Insurance Company	36940
	INSURER B: Lexington Insurance Company	19437
	INSURER C:	
INSURER D:		
INSURER E:		
INSURER F:		

Holder Identifier :

COVERAGES **CERTIFICATE NUMBER:** 570088173861 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

Limits shown are as requested

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION						EACH OCCURRENCE AGGREGATE
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below <input type="checkbox"/> Y/N <input type="checkbox"/> N/A						PER STATUTE <input type="checkbox"/> OTH <input type="checkbox"/> E.L. EACH ACCIDENT E.L. DISEASE-EA EMPLOYEE E.L. DISEASE-POLICY LIMIT
A	Env Contr Poll			US00101061E021A Professional & Pollution SIR applies per policy terms & conditions	06/01/2021	06/01/2022	Each Claim Annual Aggregate \$5,000,000 \$5,000,000

570088173861

Certificate No :

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

RE: ECWA PROJECT #202100172
For Professional Liability and Pollution Liability coverage, the Aggregate Limit is the total insurance available for claims presented within the policy period for all operations of the insured. The Limit will be reduced by payments of indemnity and expense.

CERTIFICATE HOLDER

CANCELLATION

Erie County Water Authority Attn: Molly Jo Musara 295 Main Street Suite 350 Buffalo NY 14203 USA	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE <i>Aon Risk Services South Inc.</i>



Page _ of _

AGENCY Aon Risk Services South, Inc.		NAMED INSURED Arcadis of New York, Inc.	
POLICY NUMBER See Certificate Number: 570088173861			
CARRIER See Certificate Number: 570088173861	NAIC CODE		
		EFFECTIVE DATE:	

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM.

FORM NUMBER: ACORD 25 **FORM TITLE:** Certificate of Liability Insurance

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER	
INSURER	
INSURER	
INSURER	

ADDITIONAL POLICIES

If a policy below does not include limit information, refer to the corresponding policy on the ACORD certificate form for policy limits.

[illegible]



CERTIFICATE OF NYS WORKERS' COMPENSATION INSURANCE COVERAGE

<p>1a. Legal Name and address of Insured (use street address only)</p> <p>Arcadis of New York, Inc. One Lincoln Center 110 W. Fayette Street, Suite 300 Syracuse NY 13202</p> <p>Work Location of Insured (<i>Only required if coverage is specifically limited to certain locations in New York State, i.e., a Wrap-Up Policy</i>)</p>	<p>1b. Business Telephone Number of Insured 720-344-3803</p> <p>1c. NYS Unemployment Insurance Employer Registration Number of Insured</p> <p>1d. Federal Employer Identification Number of Insured or Social Security Number 16-1448024</p>
<p>2. Name and Address of the Entity Requesting Proof of Coverage (Entity Being Listed as the Certificate Holder)</p> <p>Erie County Water Authority Attn: Anthony Alessi 295 Main Street, Room 350 Buffalo, NY 14203</p>	<p>3a. Name of Insurance Carrier HARTFORD ACCIDENT AND INDEMNITY COMP</p> <p>3b. Policy Number of Entity Listed in Box "1a": 20 WN OL5323</p> <p>3c. Policy effective period: 10/01/20 to 10/01/21</p> <p>3d. The Proprietor, Partners or Executive Officers are <input checked="checked" type="checkbox"/> included. (Only check box if all partners/officers included) <input type="checkbox"/> all excluded or certain partners/officers excluded. </p>

This certifies that the insurance carrier indicated above in box "3" insures the business referenced above in box "1a" for workers' compensation under the New York State Workers' Compensation Law. **(To use this form, New York (NY) must be listed under Item 3A on the INFORMATION PAGE of the workers' compensation insurance policy).** The Insurance Carrier or its licensed agent will send this Certificate of Insurance to the entity listed above as the certificate holder in box "2".

The insurance carrier must notify the above certificate holder and the Workers' Compensation Board within 10 days IF a policy is canceled due to nonpayment of premiums or within 30 days IF there are reasons other than nonpayment of premiums that cancel the policy or eliminate the insured from the coverage indicated on this Certificate. (These notices may be sent by regular mail.) **Otherwise, this Certificate is valid for one year after this form is approved by the insurance carrier or its licensed agent, or until the policy expiration date listed in box "3c", whichever is earlier.**

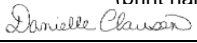
This certificate is issued as a matter of information only and confers no rights upon the certificate holder. This certificate does not amend, extend or alter the coverage afforded by the policy listed, nor does it confer any rights or responsibilities beyond those contained in the referenced policy.

This certificate may be used as evidence of a Worker's Compensation contract of insurance only while the underlying policy is in effect.

Please Note: Upon cancellation of the workers' compensation policy indicated on this form, if the business continues to be named on a permit, license or contract issued by a certificate holder, the business must provide that certificate holder with a new Certificate of Workers' Compensation Coverage or other authorized proof that the business is complying with the mandatory coverage requirements of the New York State Workers' Compensation Law.

Under penalty of perjury, I certify that I am an authorized representative or licensed agent of the insurance carrier referenced above and that the named insured has the coverage as depicted on this form.

Approved by: Danielle Clausen
(print name of authorized representative or licensed agent of insurance carrier)

Approved by:  10/07/2020
(Signature) (Date)

Title: Operations Manager

Telephone Number of authorized representative or licensed agent of insurance carrier: (877) 853-2582

Please Note: Only insurance carriers and their licensed agents are authorized to issue Form C-105.2. Insurance brokers are NOT authorized to issue it.

Workers' Compensation Law

Section 57. Restriction on issue of permits and the entering into contracts unless compensation is secured.

1. The head of a state or municipal department, board, commission or office authorized or required by law to issue any permit for or in connection with any work involving the employment of employees in a hazardous employment defined by this chapter, and notwithstanding any general or special statute requiring or authorizing the issue of such permits, shall not issue such permit unless proof duly subscribed by an insurance carrier is produced in a form satisfactory to the chair, that compensation for all employees has been secured as provided by this chapter. Nothing herein, however, shall be construed as creating any liability on the part of such state or municipal department, board, commission or office to pay any compensation to any such employee if so employed.
2. The head of a state or municipal department, board, commission or office authorized or required by law to enter into any contract for or in connection with any work involving the employment of employees in a hazardous employment defined by this chapter, notwithstanding any general or special statute requiring or authorizing any such contract, shall not enter into any such contract unless proof duly subscribed by an insurance carrier is produced in a form satisfactory to the chair, that compensation for all employees has been secured as provided by this chapter.



CERTIFICATE OF INSURANCE COVERAGE
under the NYS DISABILITY AND PAID FAMILY LEAVE BENEFITS LAW

PART 1. To be completed by Disability and Paid Family Leave Benefits Carrier or Licensed Insurance Agent of that Carrier

1a. Legal Name & Address of Insured (use street address only) Arcadis of New York 110 W. Fayette St. Suite 300 Syracuse, NY 13202 Work Location of Insured (Only required if coverage is specifically limited to certain locations in New York State, i.e., Wrap-Up Policy)	1b. Business Telephone Number of Insured (315) 446-9120 1c. Federal Employer Identification Number of Insured or Social Security Number 16-1448024
2. Name and Address of Entity Requesting Proof of Coverage (Entity Being Listed as the Certificate Holder) Erie County Water Authority 295 Main St. Room 350 Attn: Molly Jo Musarra Buffalo, NY 14203	3a. Name of Insurance Carrier CIGNA LIFE INSURANCE COMPANY OF NEW YORK 3b. Policy Number of Entity Listed in Box "1a" NYD067857 3c. Policy effective period 1/1/2021 to 1/1/2022

4. Policy provides the following benefits:

- ☒ A. Both disability and paid family leave benefits.
☐ B. Disability benefits only.
☐ C. Paid family leave benefits only.

5. Policy covers:

- ☒ A. All of the employer's employees eligible under the NYS Disability and Paid Family Leave Benefits Law.
☐ B. Only the following class or classes of employer's employees:

Under penalty of perjury, I certify that I am an authorized representative or licensed agent of the insurance carrier referenced above and that the named insured has NYS Disability and/or Paid Family Leave Benefits insurance coverage as described above.

Marceline E. Reilly

Date Signed December 18, 2020

By _____
(Signature of insurance carrier's authorized representative or NYS Licensed Insurance Agent of that insurance carrier)

Telephone Number 1-866-761-4236

Name and Title Underwriting Director

IMPORTANT: If Boxes 4A and 5A are checked, and this form is signed by the insurance carrier's authorized representative or NYS Licensed Insurance Agent of that carrier, this certificate is COMPLETE. Mail it directly to the certificate holder.

If Box 4B, 4C or 5B is checked, this certificate is NOT COMPLETE for purposes of Section 220, Subd. 8 of the NYS Disability and Paid Family Leave Benefits Law. It must be mailed for completion to the Workers' Compensation Board, Plans Acceptance Unit, PO Box 5200, Binghamton, NY 13902-5200.

PART 2. To be completed by the NYS Workers' Compensation Board (Only if Box 4C or 5B of Part 1 has been checked)

State of New York

Workers' Compensation Board

According to information maintained by the NYS Workers' Compensation Board, the above-named employer has complied with the NYS Disability and Paid Family Leave Benefits Law with respect to all of his/her employees.

Date Signed _____ By _____
(Signature of Authorized NYS Workers' Compensation Board Employee)

Telephone Number _____ Name and Title _____

Please Note: Only insurance carriers licensed to write NYS disability and paid family leave benefits insurance policies and NYS licensed insurance agents of those insurance carriers are authorized to issue Form DB-120.1. **Insurance brokers are NOT authorized to issue this form.**



Additional Instructions for Form DB-120.1

By signing this form, the insurance carrier identified in Box 3 on this form is certifying that it is insuring the business referenced in box "1a" for disability and/or paid family leave benefits under the New York State Disability and Paid Family Leave Benefits Law. The Insurance Carrier or its licensed agent will send this Certificate of Insurance to the entity listed as the certificate holder in Box 2.

The insurance carrier must notify the above certificate holder and the Workers' Compensation Board within 10 days IF a policy is cancelled due to nonpayment of premiums or within 30 days IF there are reasons other than nonpayment of premiums that cancel the policy or eliminate the insured from coverage indicated on this Certificate. (These notices may be sent by regular mail.) Otherwise, this Certificate is valid for one year after this form is approved by the insurance carrier or its licensed agent, or until the policy expiration date listed in Box 3c, whichever is earlier.

This certificate is issued as a matter of information only and confers no rights upon the certificate holder. This certificate does not amend, extend or alter the coverage afforded by the policy listed, nor does it confer any rights or responsibilities beyond those contained in the referenced policy.

This certificate may be used as evidence of a Disability and/or Paid Family Leave Benefits contract of insurance only while the underlying policy is in effect.

Please Note: Upon the cancellation of the disability and/or paid family leave benefits policy indicated on this form, if the business continues to be named on a permit, license or contract issued by a certificate holder, the business must provide that certificate holder with a new Certificate of NYS Disability and/or Paid Family Leave Benefits Coverage or other authorized proof that the business is complying with the mandatory coverage requirements of the New York State Disability and Paid Family Leave Benefits Law.

DISABILITY AND PAID FAMILY LEAVE BENEFITS LAW

§220. Subd. 8

- (a) The head of a state or municipal department, board, commission or office authorized or required by law to issue any permit for or in connection with any work involving the employment of employees in employment as defined in this article, and notwithstanding any general or special statute requiring or authorizing the issue of such permits, shall not issue such permit unless proof duly subscribed by an insurance carrier is produced in a form satisfactory to the chair, that the payment of disability benefits and after January first, two thousand and twenty-one, the payment of family leave benefits for all employees has been secured as provided by this article. Nothing herein, however, shall be construed as creating any liability on the part of such state or municipal department, board, commission or office to pay any disability benefits to any such employee if so employed.
- (b) The head of a state or municipal department, board, commission or office authorized or required by law to enter into any contract for or in connection with any work involving the employment of employees in employment as defined in this article and notwithstanding any general or special statute requiring or authorizing any such contract, shall not enter into any such contract unless proof duly subscribed by an insurance carrier is produced in a form satisfactory to the chair, that the payment of disability benefits and after January first, two thousand eighteen, the payment of family leave benefits for all employees has been secured as provided by this article.

This endorsement, effective 12:01 a.m., 06/01/2020 forms a part of
Policy No. US00090310EO20A
Issued to Arcadis U.S., Inc.
by Indian Harbor Insurance Company

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

POLICY CANCELLATION – NOTICE TO DESIGNATED ENTITIES

This endorsement modifies insurance provided under the following:

PROFESSIONAL, ENVIRONMENTAL AND NETWORK SECURITY LIABILITY POLICY – ARCHITECTS,
CONSULTANTS AND ENGINEERS

Section XI. OTHER CONDITIONS, Paragraph A. Cancellation is amended by the addition of the following:

In the event that the Company cancels this Policy for any statutorily permitted reason other than non-payment of premium, the Company agrees to provide thirty (30) days' notice of cancellation of this Policy to any entity with whom the NAMED INSURED agreed in a written contract or agreement would be provided with notice of cancellation of this Policy, provided that:

1. The Company receives, at least fifteen (15) days prior to the date of cancellation, a written request from the NAMED INSURED to provide notice of cancellation to entities designated by the NAMED INSURED to receive such notice and;
2. The written request includes the name and address of each person or entity designated by the NAMED INSURED to receive such notice.

This endorsement does not apply to non-renewal of the Policy, cancellation at the INSURED'S request, or to cancellation of the Policy for non-payment of premium to the Company or to a premium finance company authorized to cancel the Policy. Furthermore, nothing contained in this endorsement shall be construed to provide any rights under the Policy to the entities receiving notice of cancellation pursuant to this endorsement, nor shall this endorsement amend or alter the effective date of cancellation stated in the cancellation notice issued to the NAMED INSURED.

All other terms and conditions of the Policy remain unchanged.

APPENDIX C-2

[THIS FORM IS INTENDED TO BE USED AS AN EXHIBIT OR ADDENDUM TO ANY SUBCONTRACT—IT SHOULD NOT BE USED BY ITSELF AS A SOLE CONTRACT DOCUMENT]

ADDENDUM AGREEMENT

This Addendum to the Agreement (“Addendum Agreement”) between **Arcadis of New York, Inc.** (hereinafter referenced as “Contractor”) and **[Insert name of Downstream Subcontractor]** (hereinafter referenced as “Subcontractor”) is being entered into by the parties for any and all work done for, with, or on behalf of **the Erie County Water Authority** (hereinafter the “Authority”) under the Primary Contract No. MP-089, Project No. PN202100172, **Sturgeon Point Water Treatment Plant Van de Water Water Treatment Plant Raw Water Intake Improvements**, with **Arcadis of New York, Inc.**, a copy of which may be obtained from **Arcadis of New York, Inc.**, Key Center at Fountain Plaza, 50 Fountain Plaza, Suite 600 Buffalo, New York 14202.

In accordance with the terms and conditions of the Primary Contract No. MP-089 entered into with the Erie County Water Authority, an **ACORD25-Certificate of Liability Insurance** and **ACORD 855 NY-NY Construction Certificate of Liability Addendum** shall be provided evidencing the following insurance is currently maintained and in force with an insurance carrier approved to do business in the State of New York and maintaining an A.M. Best Rating of A- or better showing the Authority as Certificate Holder and additional insured. You should share these requirements with your current insurance agent, broker or insurance company.

Insurance Requirements

Prior to the commencement of any work designated in any contract or agreement to which this Addendum Agreement is attached, and until at least the final completion and acceptance of the work under the contract or agreement to which this Addendum Agreement is attached, the Subcontractor, at its sole expense, shall maintain the following minimum insurance on its own behalf, and furnish to the Authority certificates of insurance evidencing same and reflecting the effective date of such coverage as listed below. In no event shall the failure to provide this proof, prior to the commencement of the work, be deemed a waiver by the Authority of the Subcontractor’s obligation to maintain the insurance set forth herein. The insurance required shall not be canceled, not renewed or materially changed after the issuance of the certificate of insurance required by this Addendum Agreement.

A. Worker’s Compensation, Occupational Disease & Employer’s Liability Insurance:

Worker’s Compensation, Occupational Disease & Employer’s Liability Insurance in accordance with the applicable laws and statutes to cover any injuries or illness to employees and any other person eligible for compensation, and the liability of the employer thereof to any person or organization, as follows:

Worker’s Compensation & Occupational Disease: Statutory

Employer's Liability: \$1,000,000 bodily injury by accident or disease, except for work work/employers subject to the New York Worker's Compensation Law, in which this insurance shall be unlimited.

All such coverage shall: not contain any exclusion for injuries to sole proprietors, partners, members of limited liability companies or executive officers of any corporate entity; and provide for a "Waiver of Subrogation" endorsement in favor of the Owner/Contractor.

Any Contractor/Subcontractor with a principal place of business located outside of the State of New York must include New York under Part 3A of the policy.

B. Commercial General Liability:

Commercial general liability insurance as provided under the ISO Commercial General Liability Coverage Form, CG 00 01, or its equivalent, for claims of Bodily Injury, Property Damage and Personal and Advertising Injury, with limits of not less than:

Per Occurrence and Personal & Advertising Injury-	\$1,000,000.00
General Aggregate & Products/Completed Operations Aggregate	\$2,000,000.00
Fire Damage Legal Liability/Damage to Rented Property	\$100,000.00
Medical Payment (per-person)	\$5,000.00

The coverage must include the following:

1. Liability assumed by the insured in an "insured contract" as that term is defined in the ISO Commercial General Liability Coverage Form, CG 00 01.
2. Products/Completed Operations liability for a period of three years after acceptance of the work.
3. A per project aggregate of \$ 2,000,000.00.
4. A "Waiver of Subrogation" Endorsement in favor of the Owner/Contractor.
5. Exterior Insulation Finish System ("EFIS") coverage must be specifically included or provided separately where the Contractor/Subcontractor work under this Agreement or in any contract or agreement to which this Addendum is attached in any way involves EFIS.
6. **The coverage shall not include any provision, definition, exclusion or endorsement which in any way would serve to eliminate the insurance to any insured or additional insured for liability for bodily injury or property damage arising from work performed in New York State, for claims made under the New York Labor Law or for claims made by employees, subcontractors and employees of subcontractors hired to perform work by any insured or**

additional insured pursuant to work that is subject to this Addendum Agreement or in any contract or agreement to which this Addendum Agreement is attached.

7. The insurance is to be provided through insurers licensed and admitted to do business in the State of New York, with an A. M. Best financial rating of “A-“ or better, or otherwise specifically approved by the Owner.

The Authority, its officers, directors, partners, representatives, agents and employees must be named as Additional Insureds on a primary and non-contributory basis on both the ongoing and completed operations coverage required herein utilizing the ISO endorsements: CG 2010 04 13 or CG 2038 04 13 (or their equivalent) for ongoing operations; and CG 2037 04 13 (or its equivalent) for completed operations. The Additional Insured coverage shall contain no special limitation or limitation on the scope of the protection afforded to the Additional Insureds.

C. Commercial Automobile Liability Insurance:

Commercial Automobile Liability insurance covering the ownership, maintenance and use of all Owned, Non-Owned and Hired Vehicles by the Subcontractor with combined Bodily Injury and Property Damage limits including pollution transit coverage of \$1,000,000.00 per accident. The Authority, its officers, directors, partners, representatives, agents and employees must be named as Additional Insureds on a primary and non- contributory basis. A “Waiver of Subrogation” in favor of the Authority must be included.

D. Commercial Umbrella/Excess Liability Insurance:

Commercial Umbrella/Excess Liability Insurance with limits of \$5,000,000.00 per occurrence and a \$5,000,000.00 aggregate. The Authority, its officers, directors, partners, representatives, agents and employees must be named as Additional Insureds on a primary and non-contributory basis. A “Waiver of Subrogation” in favor of the Authority must be included.

E. Builder’s Risk/Installation Floater:

“All Risk” Property Insurance coverage afforded by a Builder’s Risk/Installation Floater or its equivalent insuring all materials, equipment and supplies provided by the Subcontractor and intended to become a permanent part of the construction, whether stored on the premises, away from the project site and/or while in transit, in an amount equal to the replacement cost of such materials, equipment and supplies. A “Waiver of Subrogation” in favor of the Authority must be included.

F. Owned and/or Rented Tools or Equipment:

Property insurance covering all owned, rented, leased and/or borrowed tools or equipment of the Subcontractor or used by the Subcontractor in connection with the work that is subject to this Agreement or to any contract or agreement to which this Addendum is attached, in an amount equal to the replacement cost of such tools or equipment. A "Waiver of Subrogation" in favor of the Authority must be included.

JOB-SITE SAFETY:

The Authority makes no representation with respect to the physical conditions or safety of the Project Site. The Subcontractor shall, at its own expense, protect from injury its employees engaged in the performance of the Work. The prevention of accidents to all workers engaged in the Subcontractor's work and others affected by the Subcontractor's work is the responsibility of the Subcontractor. Subcontractor shall comply with all applicable federal, state, labor and local laws, regulations and codes concerning safety.

For purposes of this Addendum Agreement, "Project Site" means the entire construction site or the various separately identifiable part of the site described in any contract or agreement to which the Addendum Agreement is attached, and as described in the Primary Contract with the Authority.

WORKERS COMP IMMUNITY WAIVER:

In any and all claims against the Authority by any employee of the Subcontractor, anyone directly or indirectly employed by the Subcontractor (including any of the Subcontractor's subcontractors) or anyone for whose acts the Subcontractor may be liable, the indemnification obligation shall not be limited by any limitation on the amount or type of damages, compensation or benefits payable by or for the Subcontractor under workers' compensation acts, disability benefit acts or other employee benefit acts.

HOLD HARMLESS / INDEMNIFICATION:

To the fullest extent permitted by law, Subcontractor shall defend, indemnify and hold harmless Authority and its heirs, executors, administrators, successors, assigns, affiliates, employees and agents (hereinafter referenced as "Owner Indemnitees") from and against any and all actions, claims, liabilities, damages, losses and expenses, including but not limited to bodily injury, death and property damage, and reasonable attorney's fees and costs (including those incurred in the defense of any such underlying claim, as well as those incurred in the enforcement of this Addendum Agreement and/or in the prosecution of any claim for indemnification by Authority) arising out of or resulting from, or alleged to arise out of or result from, the Subcontractor's work (including the work by any of the Subcontractor's subcontractors), except to the extent caused by the negligence or willful misconduct of any Owner Indemnitees.

MISCELLANEOUS:

If any term or provision of this Addendum Agreement conflicts with or is otherwise inconsistent with any term or provision in the Primary Contract or any prior written agreement entered between the parties, the terms and provisions contained herein shall govern and control.

This Addendum Agreement shall be binding upon and inure to the benefit of the parties hereto and their successors and permitted assigns. This Addendum Agreement, its terms and any claims arising therefrom, shall be interpreted and construed in accordance with the laws of the State of New York.

This Addendum Agreement may be executed via facsimile or email in any number of counterparts, all of which taken together shall constitute one and the same agreement. No waiver by a party of any breach by the other party of any of the provisions of this Agreement shall be deemed a waiver of any preceding or succeeding breach of the same or any other provisions hereof. No such waiver shall be effective unless in writing and then only to the extent expressly set forth in writing.

No modification or amendment of this Addendum Agreement shall be effective unless in writing and signed by both parties and approved in writing by the Authority. If any term or provision of this Addendum Agreement shall to any extent be invalid or unenforceable, the remainder of this Addendum Agreement shall not be affected thereby, and each provision of this Addendum Agreement shall be valid and enforceable to the fullest extent permitted by law.

Arcadis of New York, Inc.

**[Insert name of Downstream
Subcontractor]**

[Name of Representative]

[Insert Name by Representative]

(Print name and title)

(Print name and title)

Date:

Date: