

TAN 26-9A / D215077

Niagara Section Pumphouse Upgrade on I-190, Milepost N9.1 in Erie County

QUESTIONS AND ANSWERS

April 22, 2026

- Q1. Please clarify who will pay for the building permit and trade permits.
- A1. These permits (building and trades) will not be required for this project.
- Q2. Please clarify who will pay for the power utility company fees for the permanent work.
- A2. The Contractor shall pay utility company fees necessary to complete the work identified within the Contract Documents. The cost of the utility fees shall be included in the cost of installation.

April 23, 2026

- Q3. Is a full PE stamped design and calculations required for the pipe supports? Per specification 15140, it is noted that wall supports for 12" and smaller pipe shall be medium welded brackets, heavy welded brackets, or prefabricated brackets. Due to the cost variance and variable site conditions, please clarify what brackets shall be provided for the ductile iron pipe within the pump house. Please also provide applicable pipe support details for inclusion in the bid drawings.
- A3. The Contract Documents do not require a project-specific PE-stamped design for the pipe supports. However, all supports shall be designed in accordance with applicable codes and manufacturer recommendations, and shall not exceed manufacturer load ratings. Per Specification Section 15140, the Contractor is responsible for furnishing and designing a complete pipe support system, including selection and placement of supports, anchors, and appurtenances required for a functional installation. The Contractor shall submit shop drawings and product data for all pipe supports in accordance with Section 15140 and Section 01300 for review by the Engineer prior to installation. Submittals shall clearly indicate support types, locations, and loading conditions. No additional detail will be provided on the bid drawings. Support selection and detailing shall be finalized through the submittal process.
- Q4. Please provide a specification for the 4" IW flapper valve as noted on Drawing Number P-100.
- A4. The 4-inch IW shown on Drawing P-100 is the indirect waste discharge from the RPZ drain and shall terminate at the exterior wall in a manufacturer's standard flapper-type wall termination with insect screen suitable for indirect waste service. A separate specification section is not provided for this item. Contractor shall furnish a complete accessory and submit product data for review prior to installation.
- Q5. Please clarify and provide details for the relocated hose bib and heat tracing scope as noted on Drawing Number C-102.
- A5. The intent is to relocate the existing hose bib from the bottom of the wet pit to the mechanical room. The final location for the relocated hose bib shall be coordinated with the Owner in the field. For bidding purposes, the Contractor shall assume the existing water service line will be cut at the entrance to the building (interior), extended approximately 25 feet using 3/4-inch Type K copper, and a new brass hose connection valve (hose bib) will be installed in the field determined location. The existing hose shall be salvaged during demolition and reinstalled following completion of the hose bib installation. Piping serving the hose bib located in unconditioned spaces shall be provided with electric heat tracing and insulation to prevent freezing. Heat tracing system, including power supply, shall be coordinated with the electrical work. Contractor shall submit product data for the heat tracing system for review prior to installation.

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- Q6. Regarding reference sheet (Drawing Number) C-104, the LOD appears to be about 1' from the retaining wall. It appears there might not be enough room for the blocks, required aggregate fill, and safe earth slope back during construction to stay within the LOD. Can the LOD be revised to accommodate the wall construction.
- A6. The LOD may be adjusted, as necessary, to accommodate construction of the retaining walls. The Contractor shall maintain and protect the adjacent bike path throughout all phases of construction. Any impacts to the bike path or surrounding areas shall be minimized and restored to existing conditions upon completion of the work, in accordance with the Contract Documents.
- Q7. Regarding reference sheet (Drawing Number) C-103, can you provide a detail how the block retaining wall transitions or connects to the sheet pile retaining wall?
- A7. A specific detail for the transition between the block retaining wall and the sheet pile retaining wall is not provided in the Contract Documents. The block retaining wall shall be constructed as detailed. The sheet pile wall and its connection to adjacent elements are to be designed by others. The Contractor's design professional responsible for the sheet pile wall shall coordinate the interface with the block retaining wall and submit a proposed transition detail for review by the Engineer. The proposed transition shall not impose additional loading on the block retaining wall and shall maintain the intended structural and drainage performance of both systems. Specification Section 02456 will be revised to clarify responsibility for the connection details between the two wall systems in a forthcoming Amendment.
- Q8. Can you provide a specification section for the retaining wall shown in Section A3 on sheet (Drawing Number) C-107?
- A8. The specifications for Section 02832 will be provided for in a forthcoming Amendment.
- Q9. The description of work on the Project Information tab states "6. Replace the exterior vestibule enclosure, exterior door and roof over the entrance stairs to the pump house". However, drawing SD-102 calls for the "ex walls and stair roof and associated structure to remain". Please confirm if the stair vestibule enclosure, exterior door, and roof are to be replaced. If so, please provide details/drawings for us to estimate the scope.
- A9. The stair vestibule enclosure, exterior door, and roof are to remain.
- Q10. The bid documents require the use of CG 20 10 and CG 20 37 endorsements with the 04/13 edition date. After consultation with our insurance carrier, we have confirmed that they do not offer these endorsements in the 04/13 edition. As a proposed solution, and in lieu of the requested forms, our carrier can provide the following:
- CG 20 10 (07/04 or 10/01 edition)
 - CG 20 37 (07/04 or 10/01 edition)
- A10. The proposed solution is acceptable.

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QUESTIONS AND ANSWERS

April 24, 2026

- Q11. There are no specifications provided for painting/coating systems. Please provide specifications for painting/coating systems required.
- A11. Specification Section 09960 - High Performance Coatings will be added to the Contract Documents. Additionally, Drawing Number M-104 will be updated to clarify the wet pit interior coating specifications. Both of these will be provided in a forthcoming Amendment.
- Q12. H-100 notes that a motor operated damper is to be provided for the specified wall fan. Please provide a specification for the required motor operated damper. Also, H-100 indicates to reference note #6 per H-001, however, this note is not included. Please provide the applicable note #6 on H-001. Lastly, please provide a full specification for the wall fan as shown on the "H" drawings (WF-1).
- A12. A revised fan will be specified. The drawings will be updated to reflect this change and additional details will be added to clarify the specifications. Drawing Number H-001 - HVAC Notes and Schedules will be updated to include Note #6 and the fan specifications. Drawing Number H-100 - HVAC Floor Plan will be updated to reflect the revised fan location and detailing. Drawing Number E-106 - Electrical Lighting Plan will be updated to include electrical coordination notes for the revised fan. These revisions will be provided in a forthcoming Amendment.
- Q13. What is the required depth we have to bury the light pole foundation per detail A2 on sheet E-108? Can you also confirm a concrete base is not required.
- A13. A concrete foundation is required for light poles. A detail will be added. Drawing Number C-103 - Site Plan will be revised to show the new detail callouts. Also, Drawing Number C-106 - Site Details, will be revised to include a light pole foundation detail. These revisions will be provided in a forthcoming Amendment.
- Q14. Will a drop connection be required at the tie-in manhole for the 4" sewer? If so, is the connection inside or outside the manhole?
- A14. A drop connection should be provided for the proposed sanitary sewer line. A revised utility plan and detail sheet will be provided to clarify the connection details. Drawing Number C-105 - Utility Plan will be revised to reference the drop connection detail on Drawing Number C-107 - Site Details, which will also be revised to show the drop connection detail. These revisions will be provided in a forthcoming Amendment.
- Q15. Referring to the proposed sheet pile wall on sheet C-103, is there a minimum height the cap should be installed above the existing grade on the high side? Are any coatings required for the proposed sheet pile wall?
- A15. The cap should be installed 2' above the existing grade on the high side. Drawing Number C-108 - Site Details will be revised to clarify this dimension. No coating is required for the proposed sheet pile wall. Drawing Number C-108 will be revised to include a dimension call out for cap height over existing grade. These revisions will be provided in a forthcoming Amendment.

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QUESTIONS AND ANSWERS

April 24, 2026

- Q16. Regarding Specifications Sections 16160 – Adjustable Frequency Drives and 13500 – Instrumentation and Control System, are the LCP-1, 2, 3, Pump Control Panels by the SYSTEM SUPPLIER or in the EC Contract? Panel Schedule in Specification Section 13570 shows LCP-1, 2, 3. Also, according to Specification Section 13500 Instrumentation and Control System Page 1: The terms "HMI" and "OIT" is used interchangeably and shall mean the OIT touchscreen to be provided under this Contact as part of LCP-1."
- A17. LCP-1, 2, and 3 should be furnished by the Controls System Supplier to ensure compatibility with other instrumentation and control equipment to be provided. Mounting to be coordinated by the General Contractor. Power and wiring for the panels to be provided by the Electrical Contractor. It should be noted that this project does not contain multiple contracts and the work of subcontractors would be coordinated by the GC. Specification Section 13500 - Instrumentation and Control System Paragraph 1.1 should be revised to read "The terms HMI and OIT is used interchangeably and shall mean the OIT touchscreen to be provided under this Contract as part of LCP-Niagara."
- Q18. Regarding Specification Section 13562 – Flow Instruments (MAG FLOW), the 12" mag meter is designed for a max output of 11,130 GPM as opposed to the requested 12,000 GPM. Will this be an issue? Can you confirm the required length for the cable to connect the sensor to the transmitter, or shall I assume 30 ft? For the housing material, I assumed Aluminum is acceptable and Carbon steel is acceptable for the flanges. If this is will see ambient temperatures below +14F, we recommend using Stainless steel flanges – please confirm if this will be mounted outdoors. Please confirm that polyurethane is compatible with the media (is there trace amounts of chlorine in the media?). Finally, do these devices require any hazardous area approvals, as I see no mention of them in the spec?
- A18. The flow meter shall be sized for the design flow rate of 12,000 GPM. The Contractor should select meter size and configuration as required to meet this requirement. An assumed length of cable of 30 feet is acceptable. Materials for the magnetic flowmeter shall comply with Specification Section 13562 – Flow Instruments. The meter housing and components shall be suitable for the installation environment and specified service conditions. The magnetic flowmeter will be installed indoors in a non-climate-controlled environment. Aluminum electronics housing and carbon steel flanges are acceptable provided they meet the specified environmental and performance requirements. The process fluid is stormwater water. Liner and wetted materials, including polyurethane, shall be fully compatible with the fluid as required by the specification. No hazardous classification is indicated; standard equipment is acceptable.

April 28, 2026

- Q19. I wanted to confirm whether this project is subject to Build America, Buy America (BABA) requirements. After reviewing the contract documents, I did not see any references to BABA, AIS, or federal funding requirements that would trigger domestic material compliance. The specifications appear to follow NYS Thruway Authority and NYSDOT standards without any federal sourcing provisions. Can you please confirm whether BABA compliance is required for this project?
- A19. Correct, this project is not federally funded, therefore, the Build America, Buy America part of the 2021 Infrastructure Investment and Jobs Act requirements do not apply.

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Niagara Section Pump House Upgrade on I-190, Milepost N9.1 in Erie County

QUESTIONS AND ANSWERS

April 30, 2026

- Q20. Specification 13121-2.1.K calls out DOW Extruded Polystyrene Board Insulation, but there is no further information for thickness of insulation or R value needed.
- A20. The precast structure is a delegated design. Insulation, where required, shall be provided as part of the system in accordance with Specification Section 13121 and applicable building code requirements. The delegated design engineer shall determine the required insulation thickness and thermal performance.
- Q21. The Bid Proposal states that the work proposed herein must be completed on or before 4/15/27.
1. Without a contract term based on X calendar days and therefore knowing when the notice to proceed latest date is, the general contractor cannot determine if the project can be completed on time.
 2. There is the possibility that electrical and process equipment lead times will be affected by issues outside our control: supply chain issues, tariffs, wars, global issues, etc..
- A21. Any plan buyers with questions regarding timing around the contract award and/or questions regarding delay provisions are instructed to refer to the Standard Specifications as amended by our Thruway Addendum to the Standard Specifications (available from the Thruway website here: <https://www.thruway.ny.gov/business/standards-bulletins-instructions>) and specifically regarding Section 103-01 Contract Award (on page 8 of 51). Also refer to Section 108-04 Delay Provisions of the Standard Specifications (on pdf page 181 of 203), which can be found from NYS DOT's website here: <https://www.dot.ny.gov/main/business-center/engineering/specifications/busi-e-standards-usc>.

May 1, 2026

- Q22. Item 627.0016 specification summary section 1.01.C lists section 16480 600 Volt Class Motor Control Centers. This specification does not appear to be provided. Please provide. We are bidding based on commonly accepted manufacturers and as shown on the contract plans.
- Specification 16721 section 2.1 calls for an Edwards type EST-3. This is no longer manufactured as of 12/31/2023. We are bidding an or-equal to this that is currently manufactured.
- A22. Delete Section 16480 600 Volt Class Motor Control Centers from Item 627.0016 Specification Summary, Section 1.01. (No motor control center required on project.)
- Regarding Specification Section 16721: This RFI confirms the Contractor should bid on an or-equal to this product that is currently manufactured.