Question #1: Could you please advise on the type of pavers for this area?

Answer #1: Concrete Unit Pavers per Section 32 14 10. Types will be a mix of Z1, Z2 and Z3 (color mix). L-124.00 will be updated to show the mix.

Question #2: Additionally, is there a spec to be followed for this tray?

Answer #2: Information will be added to Section 32 14 10 Unit Pavers.

Question #3: Is 5 microns, instead of 1 micron, filtration upstream of the carbon vessels acceptable?

Answer #3: The proposed deviation is not acceptable. Filter performance shall meet the requirements in specification section 23 31 17.

Question #4: Are the values in Table 1 of Section 02 71 00 average or maximum expected concentrations? Are metals in Table 1 of Section 02 71 00 assumed to be particulate?

Answer #4: The concentrations in the "Influent" column are meant to be worst-case influent concentrations. This is defined in 02 71 00-1.05.E.1.
The influent metals values represent total metals, so some fraction may be particulate and some may be dissolved.
The filters can be configured as the contractor's engineer sees necessary since the final design is delegated to the contractor. Larger filters ahead of the carbon vessels may lead to additional backwashing.

Question #5: Sheet S-965, "Utility Corridor Plan & Sections," indicates top-of-concrete elevations ranging from Elevation 6.0 to Elevation 1.25. Based on the existing site elevations, these conditions appear to require excavation depths of approximately 11 feet.
Please clarify the following:

- ***Is there a recommended Support of Excavation (SOE) system for these excavation conditions?***
- ***Will jet grouting be required to provide ground stabilization or control groundwater infiltration?***
- ***Will the SOE system, including any required bracing and temporary support structures, be designed by the Owner's design team, or is the Contractor responsible for developing and submitting a delegated SOE design?***
- ***If the Contractor is responsible for the design, will the Owner provide design criteria, allowable soil pressures, groundwater conditions, and any applicable movement limitations?***

Please provide additional details and design requirements so that the Contractor can properly evaluate the means and methods, anticipated temporary works, and associated costs.

Answer #5: The Contractor is responsible for design of the support of excavation (SOE) at the Utility Corridor. Refer to Specification Section 31 23 16 – Excavation for design requirements. A water cut-off system is not required in this area. Work can be performed with localized dewatering.

Question #6: RFI 01 Masonry cleaning scope
Section 04 01 20.53 is provided in the specifications, but the associated masonry cleaning work could not be located on the drawings. Please confirm whether masonry cleaning is required under this contract. If required, identify the locations, surfaces, limits of cleaning, and applicable drawing details. If no work is required, please confirm that this section is not applicable to the contract.

Answer #6 Refer to Addendum 3 for revisions to Section 04 01 20.53 - Masonry Cleaning and Section 04 22 23.23 - Prefaced Concrete Unit Masonry.

Question #7: RFI 02 Structural aluminum framing scope
Specifications include Section 05 14 00 but notes that the associated structural aluminum framing could not be located on the drawings. Please confirm whether this work is required. If required, identify the framing locations and provide the member sizes, quantities or dimensions, connections, and applicable details needed to price the work. Otherwise, please confirm that this section is not applicable.

Answer #7: Section 05 14 00, Structural Aluminum Framing, is referenced in collapsible pit handrail assemblies specified in Section 05 52 13, Paragraph 2.02.O. This reference will be removed in next Addendum as 05 14 00 is not applicable to the project.

Question #8: RFI 03 Pultruded FRP structural assemblies scope
The work associated with Section 06 51 10 could not be located on the drawings. Please identify the required pultruded FRP structural assemblies and provide their locations, dimensions, and details. Please also clarify whether the elevated FRP grating path at the roof, listed separately under Section 06 74 13, requires structural assemblies under Section 06 51 10. If no work is required under Section 06 51 10, please confirm.

Answer #8: Rooftop elevated FRP grating path shall be designed and provided by the Contractor in accordance with Section 06 51 10 Pultruded FRP Structural Assemblies and Section 06 74 13 Pultruded FRP Gratings and Plates.

Question #9: RFI 04 Limits of MIC coating
Section 09 96 56 refers to the Second Avenue Pump Station and Second Avenue Wet Well, while coating quantities are also carried for the tank cells, outfall, influent channel, and influent conveyance channel. Please confirm whether MIC coating is required in each of these additional areas.
For each area requiring coating, identify the limits on floors, walls, ceilings, and other exposed surfaces, and provide the applicable coating details or revised specifications.

Answer #9: Provide MIC coating on all interior surfaces of the wet well chamber and influent channel. The termination point shall extend up to the top of the access hatches. MIC coating is not required within the pump station room above this elevation. Clarification to Section 09 96 56 was issued via Addendum.

Question #10: RFI 05 Wood fence and gates scope
Section 32 31 29 is identified in the specification, but the associated wood fence and gate work could not be located on the drawings. Please confirm whether this work is required. If required, identify the locations, lengths, heights, gate sizes, materials, foundations, and applicable details. Otherwise, please confirm that this section is not applicable.

Answer #10: See drawing C-903.00 that requires the plywood fence attached to the NYDOT precast concrete barrier.

Question #11: Drawing H101 plan shows Fan SF-50.999.AU01.1 in the vertical, we require an elevation to determine the extent of the piping work please provide.

Answer #11: The 22-inch SU piping is part of the supply fan 50.999.AU01.01 system. The 22" SU CP3 piping ends at the connection to the existing wall/floor pipe penetration. The SF is located in the Mechanical Room as shown on H-201. Revised HVAC drawings will be provided in forthcoming addendum.

Question #12: Please clarify if the following transfer switches are either automatic or manual:

DWG	***ITEM***	***QTY***
E-006	***ATS - 400a - 36.144.AH01.02***	***1***
E-006	***ATS - 400a - 36.144.AH01.04***	***1***
E-006	***ATS - 400a - 36.144.AH01.03***	***1***
E-012	***ATS - 100a/3p - 36.144.AH01.01***	***1***
E-034	***FA MTS, rating? 36.144.AH01.05***	***1***

a. These items are shown in dashed lines, please confirm these items are to be furnished and installed under this contract (or if they're by others, per G-007 asset identification)
b. Please provide amperage and KAIC rating for the transfer switches listed above

Answer #12: All listed transfer switches shall be provided under this contract. See table below for equipment clarifications:

Asset ID	Auto/Manual	Amp rating	KAIC rating
36.144.AH01.02	Automatic	400A	65kAIC
36.144.AH01.03	Automatic	400A	65kAIC
36.144.AH01.04	Automatic	400A	65kAIC
36.144.AH01.01	Manual	100A	22kAIC
36.144.AH01.05	Automatic	See section 28 31 00.11 (performance specification)	See section 28 31 00.11 (performance specification)

Question #13: Please provide approved manufacture(s) for the Light fixture type L1 shown in the revised addendum #2 drawing E-060

Answer #13: This is a DOT-approved light pole. Although the DOT guidelines do not identify specific manufacturers, Spring City supplies the TBTA pole, which complies with DOT requirements.

Question #14: Drawing E-901, detail 4 shows rebar grounding bonds at the bar mats. I do not see and don't see it applicable to this project. Can you advise if there are any rebars to be bonded and how many connections should there be (if any)?

Answer #14: Drawing E-230 and Specification section 26 05 27 provides details on grounding scope for this project. Exothermic connections will be required to connect to CP2 provided grounding ring and stub-ups.

Question #15: Drawing E-201 show equipment designations 35.136.AH02.01 and 35.136.AH02.02 located in the Battery room, Per drawing E-020, they seem to be UPS's, please confirm.

- ***a. please provide rating details and drawings. Specification 26.33.53 does not indicate any ratings.***
- ***b. Please provide details and specifications for any other battery system components and quantities (if any, i.e. batteries, etc.)***

Answer #15: The UPSs are packaged battery systems per the specification section 26 33 53. UPSs are sized by the manufacturer based on required loading, as determined by the manufacturer and detailed in specification section 26 33 53.

Question #16: A forklift charger is shown in drawing M-204 located at the equipment Access Room, which gets power from panel PP-1575 as per drawing E-042 . There is also an EV charging station (37.999.AQ01.01) shown in drawing E-207, which seems to be located in an area where there is no access for a vehicle to get to it.

- ***a. Please confirm location.***
- ***b. Provide feeder size and which panel it feeds from.***

Answer #16: EV charging station location is correct on E-207 in the parking lot. Vehicle access is from the gate. LP-1582, circuits 36 through 42 provide power for the EV charging station. See drawing E-044 for circuit information.