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AUGUST 5, 2025

CONTRACT NO. 1800

WET WEATHER PUMP STATION

ADDENDUM NO. 7

All bidders bidding **Contract No. 1800** shall read and take note of this **Addendum No. 7**. The Procurement Documents for **Contract No. 1800 WET WEATHER PUMP STATION** are hereby revised and/or clarified as stated below.

Acknowledgement of Contract No. 1800 Addendum No. 7

The Acknowledgement attached to **Addendum No. 7** is to be signed and returned immediately via email at contract.clerks@alcosan.org and acknowledged with Bidder's Proposal.

Kimberly Kennedy, P.E.

Director – Engineering and Construction

ACKNOWLEDGEMENT OF
CONTRACT NO. 1800 G, E, H, P – WET WEATHER PUMP STATION

ADDENDUM NUMBER 7

FIRM NAME: _____

SIGNATURE: _____

TITLE: _____

DATE: _____

August 5, 2025

CONTRACT NO. 1800

WET WEATHER PUMP STATION

ADDENDUM NO. 7

ADDENDUM No. 7

ALLEGHENY COUNTY SANITARY

AUTHORITY

PITTSBURGH, PENNSYLVANIA

CONTRACT NO. 1800

WET WEATHER PUMP STATION PROJECT

August 5, 2025

BID OPENING DATE

WEDNESDAY, SEPTEMBER 17, 2025

11:00 A.M.

DEADLINE FOR QUESTIONS IS FRIDAY, AUGUST 15, 2025

This Addendum No. 7 consists of 13 pages and the following attachments:

Attachment A - Addendum No. 7 Specifications (5 pages)

ATTENTION BIDDERS

The following additions to and modifications of the Contract Documents will be included in and become part of the Contract for the Allegheny County Sanitary Authority (ALCOSAN) Wet Weather Pump Station Project. Bidders are instructed to take the following into account in rendering any Bid for this work

The Bidder is responsible for verifying that he/she has received and reviewed all of the pages of the Contract Documents as well as all of the pages and attachments of all addenda. The Bidder shall verify all pages with the table of contents in the Contract Documents and the first page of all Addenda. Receipt of this Addendum No. 7 must be noted on the Bid Form. These items modify the portions of the documents specifically noted; all other provisions of the Contract Documents shall remain in effect

1. CHANGES TO THE SPECIFICATIONS

- 1.1 In Volume 1 of 5, Article 3SC, **DELETE** Article 3SC, 3.77 entire third paragraph that starts with, "Work performed outside of the work hours or during the Owner-designated holidays shall..."
- 1.2 In Volume 1 of 5, Article 3, **CHANGE** Article 3.34.D from "Actual Costs" to "actual costs" in all three locations."
- 1.3 In Volume 2 of 5, Specification Section 01 11 20 Job Conditions, **CHANGE** 01 11 20, 3.01.B to state,

"Work performed between 5:00 pm and 7:00 am on weekdays, during the Owner-designated holidays and on weekends that is in accordance with the approved Baseline Schedule shall be overseen by the Construction Manager at the sole expense of the Owner. The Contractor will not be required to reimburse the Owner for the cost of the Owner's employees when the Contractor's work is approved by the Owner to occur on Owner designated holidays or weekends.

"Exception: If Work is performed between 5:00 pm and 7:00 am on weekdays, during the Owner-designated holidays and on weekends as a part of a schedule recovery effort due to Contractor falling behind schedule (not in accordance with the approved Baseline Schedule), Contractor shall compensate Owner for the Construction Manager's time based on his designated rate of pay of \$160/hour. This shall be processed as a Contractor credit change order to the Owner."

2. QUESTIONS AND ANSWERS

- Q1:** Specification Section 01 11 20 - Job Conditions Paragraph 3.01.A states that working hours are between 7:00 AM to 5:00 PM excluding Saturdays, Sundays, and holidays and that work hours outside of this time frame must be approved through the construction manager.
All multi-shift work requires prior approval by the Construction Manager and the multi-shift work Construction Manager payment exceptions are published in paragraph 3.01.B.1.

Due to the complexity of the project, prime contractor coordination, and limited work area, we do not believe the work associated with Contract No. 1800G can be completed within the allotted contract time using the Paragraph 3.01.A working hours. Please revise the specification to allow multiple shift and weekend work on all activities deemed necessary by the Contractor and remove the Construction Manager notice and payment provisions.

- A1:** 01 11 20, 3.01.A does not preclude Contractor from working outside the normal working hours (i.e. multiple shifts, weekend work). Rather, it stipulates appropriate notice to the Construction Manager for working outside the normal working hours to accommodate staffing and coordinate with Owner activities as this project is located at an active wastewater treatment plant. Regarding Construction Manager payment, See Items 1.1 and 1.3 of Addendum No. 7.
- Q2:** Exhibit A - 3SC, Page A-3SC-2, item 9 requires a "150 Form B". additional insured endorsement. There is no ISO additional insured endorsement form with that number. Please clarify the CGL additional insured endorsement requirement.
- A2:** CG 20 10 and CG 20 37.
- Q3:** Exhibit A - 3SC, page A-3SC-3 requires Excess or Umbrella Liability coverage with a 75,000,000 limit. The Excess / Umbrella paragraph on page A-3SC-6 requires the excess/umbrella coverage to sit over the underlying Contractor's Liability, Auto Liability, and Pollution Liability. Excess / Umbrella coverage does not sit over Pollution Liability coverage. Please amend this requirement.
- A3:** Contractor sudden and accidental pollution cover is commonly provided on both the primary general liability and into the umbrella.
- Q4:** Exhibit A - 3SC, the third paragraph on Page A-3SC-1 requires "all" insurance to be "per project" and written on an "occurrence basis". Contractors Professional Liability insurance is written on a claims-made policy form. Contractors Pollution Liability insurance is frequently written on a claims-made policy form. Please confirm that both of the those coverages can be written on claims-made policy forms. Please confirm the Professional Liability coverage does not have to be written a "project specific" policy.
- A4:** It will be acceptable for Professional Liability Insurance to be written on a claims made policy with a 5 year tail on the policy starting at Final Completion.

If Pollution Liability is written into the Commercial General Liability policy, it will be on an occurrence basis. If the Contractor maintains a separate policy for pollution coverage, it will be acceptable to have it written on a claims made policy with a 5 year tail on the policy starting at Final Completion.

- Q5:** Exhibit A - 3SC, pages A-3SC-6,7 require the following marine insurance coverages: Hull, Protection & Indemnity, Jones Act, Vessel Pollution Liability. Please confirm that those coverages are not required if vessels will not be used on this project.
- A5:** Confirmed.
- Q6:** Reference Article 2.26 Qualifications and Experience of Bidders : The documents state: "The bidder must complete the Bidder's Qualification Statement included in Article 1. Bidder shall provide information such as evidence of financial responsibility ... ". In the aforementioned Article 1-22G, Bidders Qualification Statement, 3.A., "Provide an audited financial statement for the previous two years and an interim statement for the current year ... ". Are the audited financial statements required with the bid to satisfy Article 2.26 ?
- A6:** It is stated on page 1-22G bullet 3, "At the Owner's discretion the following may be requested prior to award..." Therefore, the audited financial statements are not required to be submitted with the bid.
- Q7:** Section 3.8 COOPERATION BETWEEN CONTRACTORS/DISPUTES OR ACTIONS BETWEEN CONTRACTORS requires the Contractor to include all considerations, financial and otherwise, resulting from the requirement herein to interface, coordinate, and cooperate with Other Contractors working on the Project, as well as with the Owner and its authorized representatives. The same section requires the Contractor to agree that all claims, disputes, and other matters in question between the Contractor and Other Contractors, which arise out of or are related to this Contract or the breach thereof, shall be settled by agreement or, failing agreement, or resolved through arbitration in accordance with the Construction Industry Rules of the American Arbitration Association then in effect, unless the parties to the dispute mutually agree otherwise. Finally, this section requires the Bidder to waive any claims against the Owner, the Final Design Consultant, and the Construction Manager for any delays or other damages caused by other contractors. In a Multi prime contract format, the General Contractor has no contractual relationship with the other prime contractors and relies on the Construction Manager, Owner, and in some cases the Final Design Consultant to resolve any conflicts that arise. Each of the prime contractors submit their respective

schedules to the Construction Manager who incorporates the individual schedules into a master schedule for the project. The General Contractor as well as the other Prime Contractors have an obligation to Coordinate the work, however, the General Contractor does not have the final say in resolving conflicts between the Primes. That responsibility lies with the Construction Manager and ultimately the Owner. To absolve the Owner, the Final Design Consultant, and the Construction Manager for any delays or other damages caused by other contractors places substantial and unmeasurable risk to the General Contractor and other Primes for items that are out of their control. The party who is determined to be responsible for the actions causing a dispute should be held accountable for their actions. In this case the Owner and his authorized representatives clearly have a role in the project decisions and should not be indemnified for any claims and other damages caused by other contractors that they have a contractual arrangement with. Please consider revising this section to eliminate the indemnification of the Owner, Final Design Consultant, and the Construction Manager for any delays or other damages caused by other contractors to reasonably distribute the risk for potential disputes that may occur between the contractors, the Owner, and its authorized representatives.

- A7:** Contract language to remain. Reference 01 32 16, 1.09.B.2, 1.10, and 1.11.
- Q8:** Project specifications do not indicate the percentage of the Contract Price to be paid with the approval of the "Mobilization Schedule" (Article 3, 3.28.D). Please confirm the percentage of the total Contract Price to be paid for mobilization.
- A8:** Reference 01 71 14, 1.03.C.
- Q9:** The Bid Bond form in your spec provides signature pages for use by a corporation, a partnership, and an individual. It does not provide a signature page for use by a joint venture. Which one of those bid bond signature pages do you want us to use for a joint venture?
- A9:** Partnership.
- Q10:** Exhibit A-3SC – Property Insurance section requires coverage for “loss of use or time delay”. Please clarify the specific type of coverage you are requiring. What is the coverage \$ amount you are requiring for that coverage.
- A10:** No limit is specified. As this is a contractor property insurance it would be up to the Contractor to determine the coverage (daily costs are those incurred by the Contractor; ALCOSAN cannot provide); ALCOSAN is only requiring that it be covered.
- Q11:** Bid Item #16 is the allowance for Non-Compliant Groundwater Disposal.

We cannot find the clear definition of Non-Complaint Groundwater in the bid documents or Alcosan's NPDES. We understand we need to pretreatment construction water before discharging the allowable discharge point. We believe water is tested to judge non-compliance or not before pretreatment. . Please advise how to define the Non-Compliant. For example, is the water from acid producing rock Non-Compliant groundwater?

A11: In the base bid, groundwater discharged into the ALCOSAN system shall flow through an Erosion and Sedimentation (E&S) control facility. Tests for the discharged water will be taken downstream of such E&S control facilities to determine compliance.

31 21 00, 1.07.D refers to "force account". This force account ties back to Pay Item #16.

Q12: Regulatory testing is required to all excavated material to analyze and classify the material. It takes time to have the test data but the site has small footprint to store all muck pile during the test period. We request more room to make stock pile. If it is not possible, we request to reduce the frequency of the testing.

A12: The means and methods of disposal are the Contractor's responsibility. No additional site area will be provided. The provided "laydown" areas are to be shared amongst the Prime Contractors. ALCOSAN cannot reduce frequency of testing for any requirements set by a different agency (i.e. Pennsylvania Department of Environmental Protection). On previous plant projects with mass excavations, contractors have successfully negotiated with PADEP to reduce the frequency of testing; however, ALCOSAN is not a part of those negotiations.

Q13: If the Owner or Construction Manager direct work to be perform work after work hours or on weekends, will the Contractor still be required to reimburse the Construction Manager? If yes, how are bidders to evaluate this cost at bid time?

A13: See Addendum 7, Question 1.

Q14: Article 3.28(A) states that principles of each subcontractor and major supplier must attend the Preconstruction Conference. Please define "major supplier."

A14: As this question relates to the preconstruction conference, these details will be discussed with the successful bidder.

Q15: Article 3.34(D) refers to Actual Costs as a capitalized term. Please define "Actual Costs."

A15: Reference Article 3.32.D for description of how actual costs will be determined and tracked. See Item 1.2 of Addendum No. 7.

- Q16:** Article 3.52(A)(2) refers to Workmanship Bonds, which are not referenced in the Exhibits. Please clarify whether workmanship bonds will be required.
- A16:** Reference Article 3.58 for required bonds. Reference Article 5.
- Q17:** Article 3.53(A)(1) refers to bonds generally whereas 3.53(A)(2) refers to maintenance bonds specifically. Please confirm whether any bonds besides the maintenance bonds are required to be submitted to the owner upon Final Completion.
- A17:** Reference Article 3.58 for required bonds. Reference Article 5.
- Q18:** Referring to Vol. 1, Art. 6, Spec 01 31 15 Section 1.04(A)1 and in conjunction with RFI 30, please clarify that the Owner's Construction Manager, and not the Contractor serving as Project Coordinator, is responsible for the overall coordination between Prime Contractors.
- A18:** 1800G Contractor is project coordinator.
- Q19:** Referring to Vol. 1 Art. 3 Section 3.28(C), we request that all communications to the Contractor's Project Manager (and not the Superintendent) shall be as binding as if given to the Contractor
- A19:** Contract language to remain. Reference 01 11 00, 1.15.A.1.
- Q20:** Referring to Vol. 1 Art. 3 Section 3.28(D), we request removal of the statement that the Contractor will not paid until the owner has reviewed and accepted all Prime Contractors' schedules. This is largely out of the Contractors control as is involves all Others Contractors. Contractor's payment should therefore not be withheld.
- A20:** Contract language to remain. It is imperative that all primes work together to establish a Baseline Schedule. Section 01 32 16 and 01 31 15 define the requirement for cooperation between the primes (led by the General Contractor) regarding creating a project schedule. This requirement will not be waived.
- Q21:** Referring to Vol. 1 Art. 3 Section 3.32(C), we request removal of the requirements to provide labor rates backed up by payroll, equipment rates as well as material receipts for lump sum change orders. Justification of rates and/or actual costs is not required or appropriate if a fixed price for the work is agreed via a lump sum change order.
- A21:** Contract language to remain.
- Q22:** Referring to Vol. 1 Art. 3 Section 3.38(A), we request removal of the open book policy from this agreement. These are unit price / lump sum agreements, not time and materials / cost plus. It is therefore inappropriate and unnecessary for the Contractor and Subcontractors to open their books to the owner.
- A22:** Contract language to remain.

- Q23:** Referring to Vol. 1 Art. 3 Section 3.39, we request that corrections to submittals be limited to those required due to non-conformance with contractor documents as opposed to any corrections required by the owner.
- A23:** Contract language to remain.
- Q24:** Referring to Vol. 1 Art. 3 Section 3.51, please clarify owner expectations for protecting, maintaining and securing the Work.
- A24:** Contract language to remain. If there are specific questions, submit in a follow-up question.
- Q25:** Referring to Vol. 1 Art. 3 Section 3.58, please consider reducing bonding amount to 5% for maintenance bonds
- A25:** Contract language to remain.
- Q26:** Referring to Vol. 1 Art. 3 Section 3.83, we request removal of the requirement to submit all "documentary information generated by the Contractor in preparation of the Bid prices" to the owner for the owners use in contract disputes and change negotiation. This is a unit price agreement, not time and materials / cost plus. It is therefore inappropriate and unnecessary for a Contractor to provide any detail greater for how prices were developed than the rates provided in the base bid.
- A26:** Contract language to remain.
- Q27:** Regarding Exhibit "A-3SC" Contractor Liability Insurance states, "Contractor shall purchase and maintain such liability and other insurance...whether it is to be performed or furnished by the Contractor, or any subcontractor or supplier...". Is Alcosan requiring a CCIP wrap-up policy for this project or will individual subcontractor insurance policies be permitted
- A27:** CCIP is not required. Individual subcontractor policies are permitted.
- Q28:** Regarding Exhibit "A-3SC" Property Insurance states, "Include coverage for loss of use or time delay;" Please provide duration of coverage and daily cost for insurance carriers to properly price the policy requirements.
- A28:** Duration of coverage is defined in item 7 of the same section. No limit is specified. As this is a contractor property insurance it would be up to the Contractor to determine the coverage (daily costs are those incurred by the Contractor; ALCOSAN cannot provide); ALCOSAN is only requiring that it be covered.
- Q29:** Regarding Exhibit "A-3SC" Property Insurance per Section 7 is to, "be maintained in effect until final payment is made.." Please consider revising to "be maintained in effect until Substantial Completion".

A29: Contract language to remain.

Q30: *NOT USED*

Q31: Reference specification section 01 11 20 paragraph 3.01.D : How do we treat holidays that fall on a weekend ?

A31: Article 3SC, 3.77 states, "The Owner observes the following holidays on the day that is designated by the Federal Government."

Q32: The answer to question 26 in Addendum #03 told Contractors that we did not have to include a list of Subcontractors (greater than 5% of total bid) in the timeframe specified if we have not made pre-bid commitments them as part of our proposed team. To expand upon the answer to question 26 in Addendum #03, please confirm that Escrow Bid Documents for qualified subcontractors, as described in Specification Section 01 35 20, 1.05.F, are not due within the timeframe required in the bid documents if we have not made pre-bid commitments to the subcontractor.

A32: Contractor is responsible to submit in their Escrow Bid Documents whatever information they used to substantiate their bid pricing including subcontractor and supplier cost quotes, proposals, and comparison of subcontractor costs.

Q33: Is it acceptable for the Escrow Bid Documents to be delivered fully on a USB Flash Drive or are we required to submit printed EBD's?

A33: Flash drives will not be acceptable due to potential file corruption. Please provide hard copies/printed Escrow Bid Documents.

Q34: "Will Subcontractors be required to submit their own set of Escrow Bid Documents directly to the escrow agent or should they be incorporated into the EBD's supplied by the Prime Contractor?"

A34: Subcontractor Escrow Bid Documents should be incorporated into the Prime Contractor's Escrow Bid Documents. See Questions 32 and 35.

Q35: Spec section 01 35 20, 1.05, F states that EBD's shall be provided for each subcontractor and are to be included for those of the bidder if the subcontractor's total price exceeds 5% of the total contract price.

Are the subcontractors that fall into this category to submit the EBD's to the General Contractor or to the Escrow Agent directly if they are named as a subcontractor post bid?

Our concern with submitting the EBD's directly to the general contractor is exposing our estimate to the general contractor as well as other potential competitors.

A35: See Question 34. As stated in 01 35 20, 1.01.A, "The two low Bidders for Contract 1800G shall submit, within three (3) days (excluding Saturdays, Sundays, and Holidays) after opening of the bids, one copy of all documentary

information generated in preparation of bid prices for this Project."
Subcontractors can work with Prime Contractors on means and methods of how the documents are delivered to the Escrow Agent, but they must all be delivered at one time to the Escrow Agent. "

END OF ADDENDUM No. 7

ATTACHMENT – A

Addendum No. 7 Specifications

SECTION 01 11 20
JOB CONDITIONS

PART 1 GENERAL

1.01 SUMMARY

- A. Section Includes:
 - 1. Job conditions.
- B. Related Specification Sections include but are not necessarily limited to:
 - 1. Volume One - General Contract Conditions
 - 2. Division 01 - General Requirements.

1.02 PROJECT LOCATION

- A. The Work is located at the ALCOSAN Woods Run Wastewater Treatment Plant, 3300 Preble Avenue, Pittsburgh, PA 15233.

1.03 COORDINATION AND PROJECT CONDITIONS

- A. All excavations for the Wet Weather Pump Station, including excavations physically connected to WWPS excavations, are assumed to be classified as “potentially gassy” in accordance with the Code of Federal Regulations, 29 CFR 1926 Safety and Health Regulations for Construction (OSHA). Refer to the project Geotechnical Baseline Report and Geotechnical Data Report for further details regarding encountered subsurface gases.
- B. Prior to installation of material, equipment and other work, verify with subcontractors, material or equipment manufacturers, and installers that the substrate or surface to which those materials attach is acceptable for installation of those materials or equipment. (Substrate is defined as building surfaces to which materials or equipment is attached to i.e., floors, walls, ceilings, etc.) Correct unacceptable substrate until acceptable for installation of equipment or materials.
- C. The Construction Manager will coordinate overall project scheduling, review of submittals, and elements of the Contract Work to ensure efficient and orderly sequence of installation of interdependent construction elements, with provisions for accommodating items installed later.
- D. The Engineer will verify that utility requirements and characteristics of operating equipment are compatible with building utilities during submittal review and coordinate Work of various Sections having interdependent responsibilities for installing, connecting to, and placing operating equipment in service. Engineer will coordinate with Construction Manager as needed.
- E. The General Contractor will prepare Coordination Drawings as required to coordinate all portions of Work. Show relationship and integration of different construction elements that require coordination during fabrication or materials installation to fit in space provided or to function as intended. Indicate locations where space is limited for

installation and access and where sequencing and coordination of installations are important. General Contractor will submit drawings to Construction Manager for approval prior to commencement of work.

- F. The Construction Manager will review space requirements, supports, and installation of general/process mechanical, electrical, HVAC, and plumbing Work indicated diagrammatically on Drawings, as provided in coordination drawings by the Contractor. The Contractor shall follow routing shown for pipes, ducts, and conduit as closely as practical; place runs parallel with lines of building. Use spaces efficiently to maximize accessibility for other installations, for maintenance, and for repairs.
- G. Coordination Meetings:
 - 1. In addition to other meetings specified in this Section, General Contractor shall hold weekly coordination meetings with the Electrical Contractor, HVAC Contractor, and Plumbing Contractor to ensure coordination of their work.
 - 2. In addition to other meetings specified in this Section, Construction Manager will schedule and hold coordination meetings with General Contractor and Electrical Contractor, and the Ohio River Tunnel Project (Contract # 1797) Contractors to ensure coordination of their work. The meetings will include the Contract 1800H and Contract 1800P Contractors, when required by the Construction Manager.
- H. In finished areas except as otherwise indicated, conceal pipes, ducts, and wiring within construction. Coordinate locations of fixtures and outlets with finish elements.
- I. Coordinate completion and clean-up of Work in preparation for Substantial Completion and for portions of Work designated for Owner's occupancy.
- J. After Owner's occupancy of premises, Construction Manager shall coordinate access to site for correction of defective work and work not complying with Contract Documents, to minimize disruption of Owner's activities.
- K. Maintaining Facility Operations:
 - 1. See Section 01 52 00, Maintenance of Plant Operations, for requirements.
 - 2. Control emissions of gases or particulates resulting from application of adhesives, paints or coatings, or produced by welding, grinding or other activities.
 - a. Provide temporary partition walls, drapes or other screening methods to isolate areas under construction from other areas of operation adjacent to construction areas.
 - b. Provide temporary ventilation of construction area:
 - 1) Exhaust air to outdoor discharge.
 - 2) Locate exhaust air discharge at an elevation sufficient to prevent personnel contact with exhaust air.
 - 3) Locate exhaust air discharge to avoid short-circuiting with existing supply air intakes.

PART 2 PRODUCTS - (NOT USED)

PART 3 EXECUTION

3.01 WORKING HOURS

- A. Normally, Contractor(s) (and Subcontractor) working hours consist of 8 working hours within a 10-hour period between 7:00 a.m. and 5:00 p.m., on a regularly scheduled basis, excluding Saturdays, Sundays and holidays. Work hours outside of this time frame must be approved through the Construction Manager. Approval for work outside normal work hours shall be requested no less than 48 hours prior to start of the respective work period. This contract will require coordination with Owner's operations staff and may have limited working hours allowed Monday through Friday during normal work hours. All scheduling shall take work location limitations, nighttime and weekend work, and any incidental costs incurred into consideration. No additional compensation will be allowed for work outside of normal working hours.
- B. Work performed between 5:00 pm and 7:00 am on weekdays, during the Owner-designated holidays and on weekends that is in accordance with the approved Baseline Schedule shall be overseen by the Construction Manager at the sole expense of the Owner. The Contractor will not be required to reimburse the Owner for the cost of the Owner's employees when the Contractor's work is approved by the Owner to occur on Owner designated holidays or weekends.
1. Exception: If Work is performed between 5:00 pm and 7:00 am on weekdays, during the Owner-designated holidays and on weekends as a part of a schedule recovery effort due to Contractor falling behind schedule (not in accordance with the approved Baseline Schedule), Contractor shall compensate Owner for the Construction Manager's time based on his designated rate of pay of \$160/hour. This shall be processed as a Contractor credit change order to the Owner.
- C. As noted on the Contract Drawings or in Section 01 52 00, Maintenance of Plant Operations, there may be need for second shift work to accommodate construction sequence or other constraints, i.e., plant operations or consent decree deadlines.
- D. Owner-designated holidays are as follows:
1. New Year's Day
 2. Martin Luther King, Jr. Birthday
 3. Presidents Day
 4. Good Friday
 5. Memorial Day
 6. Independence Day (Fourth of July)
 7. Labor Day
 8. Columbus Day/Indigenous Peoples Day
 9. Federal Election Day
 10. Veterans Day
 11. Thanksgiving Day

ADD. NO. 7

12. Day after Thanksgiving Day

13. Christmas Day

- E. The Owner hosts an annual Open House that is usually scheduled on a Saturday in September. This event is open to the public and requires time for set-up before the event and take-down after the event. Contractor should expect that these tasks will impede normal traffic flows the week prior and the week following Open House. Absolutely no contract work can be performed on the Saturday of Open House.

3.02 SEQUENCE OF WORK

- A. The sequence of work in this Contract will be combined and coordinated with the sequencing of other Contracts to form an overall sequence approved by the Construction Manager in accordance with Section 01 31 15, Summary of Multiple Contracts.

3.03 REFERENCE POINTS AND SURVEY

- A. Reference Points: The Owner shall provide engineering surveys to establish reference points. Contractor shall report to the Construction Manager whenever any reference point is lost or destroyed or requires relocation because of necessary changes in grades or locations and shall be responsible for the accurate replacement or relocation of such reference points by a Professional Land Surveyor registered in the Commonwealth of Pennsylvania.
- B. Owner's Responsibilities:
 - 1. Furnish reference information associated with existing benchmarks convenient to the Work.
 - 2. Furnish reference information associated with existing horizontal reference points or coordinate system with benchmark and reference points for the Contractor's use to lay out the Work.
- C. Location and elevations of benchmarks will be provided by the Owner if requested by the contractor and necessary for the Work.
- D. Contractor shall include within the site survey, location of Upper Ohio Intercepting Tunnel and identify its alignment and location during the duration of the subsurface work.
- E. Datum
 - 1. Contractor shall note that the Contract Documents generally reference Alcosan Plant Vertical Datum and Alcosan Plant Coordinates. Work must be coordinated with the Ohio River Tunnel Project Contract 1797 which has been prepared using PA State Plan Coordinates based on NAD83 horizontal datum and NAVD88 Vertical datum.
- F. Dimensions for lines and elevations for grades of structures, appurtenances, and utilities are indicated on Drawings, together with other pertinent information required for laying out Work. If conditions vary from those indicated, notify Construction Manager immediately, who will make adjustments as required.

- G. Construction Manager may perform checks to verify accuracy of Contractor's layout Work and that completed Work complies with Contract Documents.
- H. Any existing survey points or other control markers destroyed by the Contractor without proper authorization will be replaced by the Owner of the survey points or control markers at the Contractor's expense or by the Contractor's Professional Land Surveyor or Civil Engineer (with the Owner's permission).
- I. Contractor Responsibilities:
 - 1. Coordination:
 - a. Each Contractor shall coordinate its construction operations with those of other contractors and entities to ensure efficient and orderly installation of each part of the Work.
 - 2. All submittals, RFI's, PCO's, and payment applications shall be made electronically through the Construction Manager via e-Builder® - a Trimble Company.
 - 3. Provide additional survey and layout as required.
 - 4. Locate and protect reference points prior to starting site preparation.
 - 5. Notify Construction Manager at least seven (7) calendar days in advance of time when grade and line to be provided by others will be needed.
 - 6. Check and establish exact location of existing facilities prior to construction of new facilities and any connections thereto.
 - 7. In event of discrepancy in data or staking provided by the Owner, request clarification before proceeding with the Work.
 - 8. Preserve and leave undisturbed control staking until the Construction Manager has completed checks and deems it necessary.
 - 9. Re-establish reference points resulting from destruction by the Contractor's operations.
 - 10. Provide Professional Land Surveyor or Civil Engineer registered in the Commonwealth of Pennsylvania who shall perform or supervise engineering surveying, competent employee(s), tools, stakes, and other equipment and materials as may be required to:
 - a. Establish temporary control points, lines, and site limits.
 - b. Replace disturbed control points or benchmarks.
 - c. Check layout, survey, and measurement Work performed by others.
 - d. Measure quantities for payment purposes.
 - e. Verify all as-built drawing changes made to Contract Drawings.
 - 11. Cooperate with Construction Manager so that checking, and measuring may be accomplished with least interference to Contractor's operations.
 - 12. Maintain complete and accurate log of survey work as it progresses as a Record Document. Upon request of the Construction Manager, submit all survey documentation with as-built drawings.

END OF SECTION