

TOWN OF YORKTOWN, NY

**CATSKILL WATER SUPPLY DRINKING WATER FLUORIDATION
CONTRACT 19-2**

ADDENDUM NO. 2 – OCTOBER 29, 2019

TO ALL PROSPECTIVE BIDDERS FOR CONSTRUCTION OF CATSKILL WATER SUPPLY DRINKING WATER FLUORIDATION, CONTRACT 19-2:

No further questions shall be accepted regarding Contract 19-2.

The following changes are hereby made part of and must be attached to the Project Manual and Contract Drawings:

1. MODIFICATIONS TO THE PROJECT MANUAL:

A. Section 01 35 29, Contractor's Health and Safety Plan:

- i. Insert new Specification Section 01 35 29, Contractor's Health and Safety Plan, provided as an Attachment to this Addendum.

2. ATTACHMENTS:

- A. Bidder Request for Information and Clarification (1 Page).
- B. Specification Section 01 35 29, Contractor's Health and Safety Plan.

3. REQUESTS FOR INFORMATION / CLARIFICATION:

See attachment 'Bidder Request for Information and Clarification' for questions received and corresponding responses.

**Bidder Request for Information and Clarification
Catskill Water Supply Drinking Water Fluoridation Project
Contract 19-2; Part 1 & 2**

Question/Request	Date Submitted	Arcadis Reponse	Date Responded
Please provide type or spec for MFR cable (drawing E01 & E03)	10/17/2019	For the flow meter, a standard multi-conductor instrumentation cable is anticipated. For the grinder pump, it will be a standard pump cord.	10/24/2019
Note on Drawing E03 mention about P&ID for additional details. There is no P & ID drawings. Please clarify.	10/17/2019	Refer to Sheet G-13 (Instrumentation P&ID and Network Architecture.	10/24/2019
Please provide location for "Fill Station".	10/23/2019	The Fill Station has been eliminated. Please refer to updated Sheet E-03.	10/24/2019
Please specify who provide & install the Unit heaters, water heater & Fan.	10/23/2019	General Contract (Part 1) to provide and install the unit heaters, water heater and fan.	10/24/2019
Please provide wiring "size" & type for PB. The control schematic diagram doesn't show.	10/23/2019	Clarification: the "PB" is an integral alarm reset pushbutton on the eyewash/shower.	10/24/2019
Which contract performs excavation for the electrical service to the building?	10/27/2019	Electrical Contract (Part 2) is responsible for all excavation, backfill and restoration for all underground electrical conduit and wire.	10/29/2019
Which contract supplies the unit heater?	10/27/2019	General Contract (Part 1) to provide and install the unit heater.	10/29/2019
Will the G contract be responsible for supplying the controls and the E contract responsible for control wiring? Which contract will perform the final terminations?	10/27/2019	Correct. General Contract (Part 1) to supply controls. Conduit, wire, terminations, etc. shall be responsibility of the Electrical Contract (Part 2).	10/29/2019

SECTION 01 35 29

CONTRACTOR'S HEALTH AND SAFETY PLAN

PART 1 – GENERAL

1.1 DESCRIPTION

A. Scope:

1. CONTRACTOR shall prepare and maintain a written, Site-specific, health and safety plan (SSHASP), and conduct all construction activities in safe manner that avoids:
 - a. injuries to employees, Subcontractors, and other persons with an interest at or near the Site;
 - b. employee exposures to health hazards above occupational limits established by Laws or Regulations, American Conference of Governmental Industrial Hygienists (ACGIH), and Nuclear Regulatory Commission (NRC), as applicable;
 - c. exposure of the public and OWNER's employees to air contaminants above levels established for public exposure by the USEPA, NRC, and by other authorities having jurisdiction at the Site;
 - d. significant increases in concentrations of contaminants in soil, water, or sediment near the Site; or
 - e. violations of OSHA Regulations, or other Laws or Regulations.

1.2 QUALITY ASSURANCE

A. Qualifications:

1. Preparer of SSHASP:
 - a. Engage a Certified Industrial Hygienist (CIH), accredited by the American Board of Industrial Hygiene, or Certified Safety Professional certified by the Board of Certified Safety Professionals, to prepare or supervise preparation of SSHASP.
 - b. SSHASP preparer shall be thoroughly familiar with: (i) Laws and Regulations and industry standards of safety and protection relating to health and safety pertaining to the Work; (ii) the requirements of the Contract Documents relative to health, safety, and protection; (iii) health and safety hazards associated with the Work and appropriate protections therefor; and (iv) CONTRACTOR's and OWNER's safety programs.
 - c. SSHASP preparer shall have previously prepared site-specific health and safety plans for not less than five construction projects similar in nature, scope, and complexity to the Work.
 - d. Submit preparer's qualifications with SSHASP.

B. Regulatory Requirements: Laws and Regulations applying to the Work under this Section include, but are not limited to:

1. 29 CFR 1904 (OSHA), Recording and Reporting Occupational Injuries and Illnesses.
2. 29 CFR 1910 (OSHA), Occupational Safety and Health Standards.

3. 29 CFR 1926 (OSHA), Safety and Health Regulations for Construction.
4. 49 CFR 171.8, Transportation, Definitions and Abbreviations.
5. 40 CFR 261.3, 264, and 265, Resource Conservation and Recovery Act (RCRA).

1.3 SUBMITTALS

- A. Informational Submittals: Submit the following:
1. CONTRACTOR's SSHASP, in accordance with this Section. Submit within times indicated in Article 1.4 of this Section.
 2. Qualifications Statements:
 - a. Qualifications for SSHASP preparer, including copy of valid, applicable certifications.

1.4 SSHASP SUBMITTAL

- A. Timing of Submittals:
1. Submit SSHASP the sooner of: seven days prior to pre-construction conference, or 30 days prior to CONTRACTOR's scheduled mobilization at the Site.
 2. Do not perform Work at the Site until written SSHASP has been submitted to the ENGINEER and accepted by the New York City Department of Environmental Protection (NYCDEP).
 3. Delays in the Work Associated with Submittal or Review of SSHASP:
 - a. Notwithstanding other provisions of the Contract Documents, changes in the Contract Price or Contract Times will not be authorized due to delay by CONTRACTOR in developing, submitting, revising, or obtaining acceptance of the SSHASP.
- B. Limitations of Engineer's Review of SSHASP:
1. ENGINEER's review and acceptance of SSHASP will be only to determine if the topics covered in SSHASP comply with the Contract Documents and specific requirements of safety documents referenced therein (such as OWNER's safety programs, if any).
 2. ENGINEER's review and acceptance will not extend to safety measures, means, methods, techniques, procedures of construction, or whether representations made in the SSHASP comply with Laws and Regulations, or standards of good practice.
 3. CONTRACTOR's responsibility for safety and protection at the Site shall be as indicated in the Contract Documents. Nothing associated with ENGINEER's review or acceptance of SSHASP will create or imply any obligation by ENGINEER to oversee or become, in any way, responsible for CONTRACTOR's safety obligations under the Contract Documents.

1.5 CONTRACTOR'S HEALTH AND SAFETY PROGRAM

- A. General:
1. Known prior use(s) of the Site are indicated in Section 01 12 13, Summary of Work.

2. The Site is not classified as hazardous waste site. Presence of Constituents of Concern (if any), where known to OWNER and ENGINEER, are indicated in the reports and drawings (if any) of such Hazardous Environmental Conditions listed in the Supplementary Conditions.
3. Each employer working at the Site shall develop and implement a written SSHASP for their employees and other individuals for whom such employer is responsible.
4. When applicable (including when the Site includes one or more Hazardous Environmental Conditions), SSHASP shall comply with 29 CFR 1904, 29 CFR 1910, 29 CFR 1926, and other Laws and Regulations.

B. Location:

1. Retain at the Site a copy of complete SSHASP and related information.
2. Throughout the Project, update as necessary all copies of SSHASP and related information.
4. Copies of SSHASP and other related information shall be made available to CONTRACTOR's employees, Subcontractors, Suppliers, OWNER, and ENGINEER immediately upon request.

C. SSHASP Content: SSHASP shall address and include the following:

1. Address safety and health hazards of each phase of operations at the Site and shall include requirements and procedures for employee protection.
2. CONTRACTOR's organizational structure and other information required by Paragraph 1.5.D of this Section.
3. Comprehensive work plan.
4. Job safety and health risk or hazard analysis for each task and operation found in the work plan.
5. Employee training assignments including copies of OSHA 40-hour, 24-hour supervised field activities, eight-hour supervisors, and eight-hour refresher training certificates for each CONTRACTOR and Subcontractor employee assigned to the Project.
6. Personal protective equipment (PPE) to be used by employees for each task and activity performed. Include respirator fit test certificates for CONTRACTOR and Subcontractor employees assigned to the Project.
7. Medical Surveillance Requirements: Medical clearance certificates for all CONTRACTOR and Subcontractor employees assigned to the Project.
8. Frequency and types of air monitoring, personnel monitoring, and environmental sampling techniques and instrumentation to be used, including methods of maintenance and calibration of monitoring and sampling equipment.
9. Site control measures, including procedures for:
 - a. preventing trespassing;
 - b. preventing "tracking" of contaminants out of the Site;
 - c. maintaining log of employees at the Site and visitors to the Site;
 - d. ensuring safe handling of Constituents of Concern during the Work, including excavating, handling, loading, and transporting activities. Include procedures for ensuring safety when working in or proximity to Hazardous Environmental Conditions,

- e. delineating “hot” (e.g., contaminated), “cold”, and support zones;
 - f. locating personnel and equipment decontamination zones; and
 - g. decontamination.
10. Plan for safe and effective responses to emergencies, including necessary PPE and other equipment.

D. Contractor’s Organizational Structure:

- 1. Organizational structure portion of the SSHASP shall refer to or incorporate information on specific chain of command and specify the overall responsibilities of supervisors and employees, and shall include the following:
 - a. Name and contact information for CONTRACTOR’s “competent person(s)” for various work-related activities.
 - b. Name and contact information for CONTRACTOR’s safety representative.
 - c. Designation of general supervisor who has responsibility and authority to direct operations involving handling of Constituents of Concern and work in or near Hazardous Environmental Conditions.
 - c. Other personnel required for operations involving Constituents of Concern and Hazardous Environmental Conditions and emergency response, and general functions and responsibilities of each.
 - d. Lines of authority, responsibility, and communication.
- 2. Review and update organizational structure as necessary to reflect current status of work activities on the Project and status of personnel.

E. Work Plan:

- 1. Comprehensive work plan portion of SSHASP shall refer to or incorporate information on the following:
 - a. Tasks and objectives of work activities, onsite operations, and logistics and resources necessary to achieve such tasks and objectives.
 - b. Anticipated activities and CONTRACTOR’s normal operating procedures.
 - c. Personnel and equipment requirements for implementing the work plan.

PART 2 – PRODUCTS (NOT USED)

PART 3 – EXECUTION (NOT USED)

++ END OF SECTION ++