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75 State Street
Boston, MA 02109

Date Issued: January 12, 2022

TO: ALL BIDDERS OF RECORD

RE: LYNN WATER & SEWER COMMISSION
LOW SERVICE PUMP STATION BALL VALVE REPLACEMENT
CONTRACT NO. 22-005

Receipt of Bids: **January 20, 2022 at 11:00 AM (No Change)**

ADDENDUM NO. 1

This Addendum shall be part of the Contract Documents as provided in the Instructions to Bidders for the above-referenced project. Bidders shall acknowledge receipt of this Addendum by inserting its number and date on page 004113-1 of the Bid Form. Failure to do so may subject the bidder to disqualification.

This addendum consists of 2 pages and 1 attachment (Section 013526, 5 pages).

This addendum adds Section 013526 regarding Health and Safety requirements for the project.

CHANGES TO THE SPECIFICATIONS:

Table of Contents

In the Table of Contents, after “013516 Alteration Project Procedures” *INSERT*, “013526 Governmental Safety Requirements”.

INSERT: SECTION 013526 Governmental Safety Requirements, in its entirety, attached to this addendum in Attachment A.

SECTION 400524 – Steel Process Pipe

In Section 400524, on Page 400524-2,

DELETE: Paragraph 1.4.K. American Iron and Steel (AIS) in its entirety.

SECTION 400557 – Actuators for Process Valves and Gates

In Section 400557, on Page 400557-2,

DELETE: Paragraph 1.4.G. American Iron and Steel (AIS) in its entirety.

CLARIFICATIONS

The following questions have been asked by Bidders during this bidding period:

Q1: Does this project require American Iron and Steel Certification?

A1: No, this project does not require American Iron and Steel Certification.

END OF ADDENDUM NO.1

ATTACHMENT A

SECTION 013526 - GOVERNMENTAL SAFETY REQUIREMENTS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes:
 - 1. Preparing and implementing a Health and Safety (H&S) Plan to establish in detail the protocols necessary for protecting workers from potential hazards during the work specified in the Contract Documents.

1.3 DEFINITIONS

- A. SSHO is the site safety & health officer. The Contractor shall designate and provide a responsible individual as SSHO, competent through experience and training, to be able to identify hazards associated with the Contractor's Work and has overall responsibility for the safety and health performance of contractor's activities, including lower tier subcontractors. The person shall be present on-site during all contractor activities and shall ensure that the requirements of the Project Specific Safety and Health Plan are fully implemented. This person shall also:
 - 1. Attend pre-work conferences and site safety and health orientations and briefings. The Contractor is expected to supplement the site orientation with information related to the Contractor's scope of work.
 - 2. Document weekly safety meetings for the Contractor's employee's onsite.
 - 3. Submit weekly safety and health inspection reports of the construction site as it relates to the Contractor's scope of work. Record hazards identified, and corrective actions taken. The weekly inspection report shall be provided to the Owner's Representative.
 - 4. Report all job-related accidents/illness related to the Contractor's employees and lower tier subcontractors as soon as practical and perform site accident and incident investigations associated with the Contractor's scope of work and fully cooperate with any other accident or incident investigations which may be required.
 - 5. Maintain safety and health statistical information and provide monthly reports. Reports shall include, employee hours worked, the number of first aid cases, the number of medical treatment cases, the number of restricted and lost workday cases as defined by the US Occupational Health and Safety Administration. These reports shall include statistical information related to all of the Contractor's activities and the activities of lower tier subcontractors.
 - 6. Provide for immediate notification of any regulatory inspection and a copy of all resulting citations or notice of deficiencies.

1.4 ACTION SUBMITTALS

- A. Qualifications of the SSHO.
- B. Prior to commencing work at the jobsite, Contractors must submit all required documents, such as: A copy of the ***Contractor's Project Specific Safety and Health Plan*** and copies of employee training certificates, insurance certificates, construction permits, crane certifications and operator licenses, and any approved "OSHA Variances," or other approvals as required to safely and legally perform the Contractor's Scope of Work. The ***Contractor's Project Specific Safety and Health Plan*** shall as a minimum include the following:
1. Letter of corporate commitment to Safety and Health signed by CEO or President of the contractor's organization.
 2. Brief description of the contractor's scope of work.
 3. Project safety and health organization, responsibilities and accountability procedures.
 4. Project safety and health goals and objectives.
 5. Project hazard communication and safety training.
 6. Activity hazard analyses covering activities within the contractor's scope of work describing the steps of each principle activity, the hazards associated with each activity and procedures to be used to eliminate or control the hazards.
 7. Personal protective equipment. (Note: Minimum site PPE requirements shall include hard hats, safety glasses with side shields and sturdy work boots.)
 8. Specialized medical surveillance and/or air monitoring procedures, if required.
 9. Safe work procedures. These may be incorporated by reference to the Contractor's Corporate Safety and Health Program.
 10. Safety inspections and audits.
 11. Project emergency response and preparedness procedures including provisions for providing first aid and notification of emergency services.

1.5 INFORMATIONAL SUBMITTALS

- A. Listed below are general conditions related to Safety and Health which the Contractor is required to comply with.
1. Should a specific interpretation be required concerning special and/or unusual safety, fire protection, or environmental concerns not covered by, the National Fire Protection Association Codes, and current OSHA/EPA or other local regulations the contractor shall contact the OWNER for guidance.
 2. The practices, procedures, and requirements set forth herein shall apply equally to all Contractors, and it is mandatory that each Contractor inform and enforce the provisions in all contracts with its Subcontractors.
 3. The OWNER shall have the right to direct the removal from the jobsite any Contractor or Contractor personnel for violation of safety, health, fire protection, or environmental rules and regulations.
 4. Fighting or horseplay is strictly prohibited and shall be considered grounds for removal from the project.
 5. The illegal use, possession, purchase, sale or diversion of a drug or controlled substance is prohibited. The use or possession of alcoholic beverages at the jobsite is prohibited.
 6. The OWNER shall have the right to direct the removal from the jobsite any defective tools and equipment, the use of which may create a hazardous situation.

7. The OWNER reserves the right to delete, modify, or supplement these procedures at any time without prior notice, but in such event, will notify all contractors affected by such change in procedures.
8. The OWNER reserves the right to evaluate the Contractor's, and any of its subcontractor's, overall safety performance, compliance with these procedures, and any established supplements, at intervals the Site Manager deems appropriate.
9. Prior to starting work in any jobsite area, each Contractor must first obtain permission and instructions from the OWNER, or designee

1.6 TRAINING

- A. Certify that all Contractor personnel assigned for the purpose of performing or supervising work in accordance with the provisions of the H&S plan have received appropriate safety training in accordance with 29 CFR 1926.65. Training shall consist of a minimum of 40 hours of health and safety training and 8 hours refresher training annually. In addition, Contractor's supervisory personnel shall have a minimum of 8 hours additional specialized training for managing hazardous waste operations.
- B. Additionally, the Contractor shall be responsible for, and shall guarantee that, only personnel successfully completing the required training are permitted to enter designated areas of the site where worker protection is required.

1.7 DESCRIPTION OF REQUIREMENTS

- A. This Section describes the minimum health and safety requirements for this project. Develop a detailed H&S Plan using this Section as a basis and delineating additional details and requirements as deemed necessary. The H&S plan shall establish in detail the protocols necessary for protecting workers from potential hazards encountered during demolition activities.
- B. The H&S Plan shall include but not necessarily be limited to, the following components as required by OSHA 29 CFR 1926.65(b)4 and 1926.65(l)(2):
 1. Site Description and Evaluation.
 2. Names of key personnel and alternate responsible for site safety and health (responsibilities and chain of command).
 3. Safety and health hazard assessment and risk analysis for each site task and operator (Accident Prevention Plan).
 4. Education and Training.
 5. Standard Operating Procedures, Engineering Controls and Work Practices.
 6. Logs, Reports and Record Keeping.
 7. Pre-emergency planning.
 8. Personnel roles, lines of authority, training and communication.
 9. Emergency recognition and prevention.
 10. Safe distances and places of refuge.
 11. Site security and control.
 12. Evacuation routes and procedures.
 13. Emergency Medical treatment and first aid.
 14. Emergency alerting and response procedures.

15. Personnel Protection Equipment and emergency equipment.

1.8 REGULATORY REQUIREMENTS

- A. The Contractor is responsible for awareness, knowledge and full compliance with all applicable rules, regulations, laws and practices applicable to the Contractor's Scope of Work, including lower tier subcontractors, prescribed by the site owner, and any other government or agency governing the safety and health of employees, other site personnel, the general public and protection of the environment. Within the United States and its Territories these include, but are not limited to regulations promulgated by the following:

1. Occupational Safety and Health Administration (OSHA)
2. Environmental Protection Agency (EPA)

- B. Additional rules required include:

1. Each Contractor has the responsibility for instructing its employees in safe practices for the operation of tools and equipment and for the maintenance of safe conditions.
2. Contractors shall furnish for their employees' personal safety equipment such as, ANSI Z89.1 approved hard hats, ANSI Z87.1 approved eye protection with fixed side shields, ear protection, foot protection, NIOSH approved respiratory protection, fall protection and other equipment as required for safe performance of their particular work assignment. All personnel on the job site shall be required at a minimum to wear hard hats, safety glasses with side shields and proper and sturdy footwear.
3. Danger tags and locks shall be utilized to prevent personal injury and equipment damage in accordance with project electrical and mechanical tagging procedures.
4. Scaffolding and other structures utilized for elevated work platforms shall have the required decking, handrails, mid-rails, toe boards, proper access, and nets or screens.
5. Catwalks shall conform to a two-plank width minimum and, if elevated, shall have handrails and toe boards.
6. Areas in which "overhead" work is to be performed shall be blocked, decked, barricaded, netted, posted, or evacuated as instructed by project supervision.
7. Pits, trenches, and other excavations shall be shored/shielded or sloped to the proper angle of repose, barricaded, and provided with proper access.
8. When not in use, blades of bulldozers and buckets of front-end loaders shall be lowered to the ground. Also, beds of dump trucks shall be lowered when traveling or not in use. Project parking and traffic regulations shall be complied with.
9. Crane booms shall be lowered at the end of single shifts or secured against movement by attaching the hoist line to a fixed structure.
10. Specific air sampling shall be performed to determine the presence of toxic materials or dusts, flammable atmosphere and adequate oxygen content, in accordance with project procedures. Respirators, safety harnesses, lifelines, standby personnel, and permits shall be used when appropriate.
11. Personnel involved in activities which require the use of an Air Purifying Respirator (APR) shall not have facial hair which interferes with the respirator's face seal.
12. The Contractor shall provide to the Owner's Representative a copy of MSDSs for all hazardous materials prior to their use at the site.
13. Back-up alarms shall be provided on all construction vehicles and equipment and shall alarm continuously while the vehicle or equipment is in reverse motion. For equipment not equipped with a back-up alarm, a spotter shall be used.

14. All portable generators shall have frames externally grounded or other means to ensure there is no potential for circuit to frame conductivity.
15. All electrical services used in conjunction with field activities shall be equipped with Ground Fault Circuit Interrupters (GFCI).
16. Compliance with the following fire prevention measures is mandatory:
 - a. Smoking is permitted only in specific areas as designated in project rules and procedures.
 - b. Open fires are prohibited. Temporary gas-fired heaters shall not be used in enclosed areas. Only UL and NFPA approved petroleum and/or electrically fired heating devices will be authorized for use.
 - c. Hot work permits shall be required for all flame and spark producing work tasks.
 - d. Debris, scrap, and refuse shall be segregated and controlled in metal containers and removed at appropriate intervals. Any potential fire hazard shall be controlled.
 - e. Each Contractor is responsible for maintaining and cleaning their work area. All walkways shall be kept clean and free of obstructions. Broken/spilled, scrap or other waste materials shall be placed in appropriate containers or waste areas as soon as practical after they are generated.
 - f. Flammable liquids shall be kept in UL approved safety containers and properly labeled as to contents.
 - g. Flammable and combustible materials shall be stored in designated locations that meet Federal, State and local regulations.
 - h. All equipment such as cranes, trucks, bulldozers, graders, loaders and backhoes shall be equipped with proper fire extinguishers.
 - i. The use of heavy equipment with internal combustion engines is prohibited within enclosed areas.
17. Only the number of persons provided with proper seats shall ride in a vehicle. No one shall ride on running boards, stand on moving equipment or ride on a vehicle other than in a proper seated position.
18. The swing radius of all heavy equipment such as cranes, back hoes, etc. shall be clearly barricaded.
19. The contractor shall provide 100% fall protection for fall exposures greater than 6 ft in accordance with project procedures.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION (NOT USED)