

SECTION 015001 – SAFETY

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and General Provisions of the Contract, including Special Requirements, General Conditions and other Division 1 Specifications Sections apply to this Section.

1.2 SUMMARY

- A. This section specifies and emphasizes safety and health compliance requirements that must be maintained during construction.
- B. The Contractor shall comply with Federal OSHA regulations and other related safety and health regulations. The most stringent standard shall prevail.

1.3 SAFETY AND HEALTH PLAN (SHP)

- A. The Contractor shall have a SHP, which shall consist of a copy of the Contractor's overall safety and health program supplemented with project-specific information.
- B. The project specific information included in the SHP should be, at a minimum, the following:
 - 1. Administrative responsibilities (identification by name and specific responsibilities of Contractor personnel) relative to safety and health requirements for this project.
 - 2. Plan for dealing with emergencies, to include but not limited to on-site medical support and first aid, ambulance service, fire fighting, and evacuation of the project site.
 - 3. Reference to any special plans (Paragraph 1.4.E) required by the nature of the Contract/Project or the Work, and any unusual or unique requirements for safety or health for this Contract/Project.

1.4 MISCELLANEOUS REQUIREMENTS

- A. A multi-employer work site, as defined by OSHA, is one in which many employers occupy the same site. The University considers the Contractor to be the "controlling authority" for all work site safety and health of his subcontractors. The Contractor is responsible for informing his subcontractors of the safety and health provisions under the terms of the Contract and the penalties for noncompliance, coordinating the work to prevent one craft from interfering with or creating hazardous working conditions for other crafts, and inspecting subcontractor operations to ensure that safety and health responsibilities are being carried out.
- B. The Contractor shall provide a location for displaying safety and health information, to include information such as emergency phone numbers, a map showing the route to the nearest emergency care facility, a copy of the up-to-date SHP, OSHA 300A Form, OSHA Safety and Health Protection-On-The-Job Poster, and any permits required relative to safety and health. The location shall be in a conspicuous place easily accessible to all employees and visitors.
- C. All new employees (both prime contractor and subcontractor) shall be informed of the SHP and about specific site hazards before they begin work.
- D. The Contractor shall arrange for emergency medical treatment and evacuation of the project site for his own workforce. The University has no responsibility to provide these services.

- E. The Contractor shall prepare and implement any additional specific safety and health plans required to carry out the work. Such plans include but are not limited to Compliance to NFPA 70E, Hearing Protection/Conservation Plan, Respiratory Protection Plan, Hazard Communications Plan, Emergency Response Plan, Site Safety and Health Plan for Asbestos Abatement, or Site Safety and Health Plan for Lead-Based Paint Asbestos Abatement. Any such plans shall be submitted to the University as proof of compliance.
- F. The Contractor shall not bring any hazardous material onto the project site without prior written approval of the University.
- G. Documents, records, and reports required by this Section, but not specifically required to be submitted to the University, shall be made available to the University upon request.
- H. The Contractor shall not plan for any blasting operations without prior written approval of the University.

1.5 ACCIDENT REPORTING

- A. The Contractor shall notify the University Project Manager, by any reasonable means, as soon as practical, but not later than four (4) hours after, the occurrence of any accident involving injury or illness, or involving property damage anticipated to be greater than \$2,500. Initial notification should provide basic information about the occurrence.
- B. The Contractor shall provide to the University, not later than 48 hours after the occurrence, a follow-up written report containing detailed information. Information should include the Contractor's name, contract number and title, location where the accident occurred, date and time of accident, names of personnel injured and/or extent of property damage, extent of injury and/or damage, brief description of accident (to include type of construction equipment used, PPE used, etc.), and actions taken to eliminate the hazard and/or prevent similar accidents.

PART 2 - PRODUCTS Not Applicable

PART 3 - EXECUTION

3.1 CONTRACTOR AND PUBLIC PROTECTION

- A. Open ditches shall be fenced. Where walks cross ditches, bridged walkways shall be provided with rails on both sides. Bridged walkways shall be adequately lighted at night.
- B. Temporary walks and roads shall be surfaced by PENNDOT Number 2 or 2A crushed stone if they are to be in public use.
- C. Walks and roadways used by both the Contractor and the public shall be kept in a good state of repair and cleared by the Contractor at least once each day and more often as conditions require.
- D. Adequate covering and shielding shall be provided for areas needing protection from equipment or falling objects, where the public utilizes walkways, roadways, or entrances that are adjacent to construction, pass under construction scaffolding, or pass near building edges.
- E. Fire Hydrants shall be maintained accessible for firefighting purposes. Obstructions shall not be placed within fifteen (15) feet of fire hydrants.
- F. Temporary heating units of any type shall be adequately protected and attended.

- G. This section emphasizes safety conditions that must be maintained during construction.

3.2 GENERAL

- A. Contractor's Safety Representative: All Contractors are required to appoint a qualified representative who is responsible for administering the safety program for their employees working on the project. This individual shall meet the requirements of a competent person and shall be on site at all times.

3.3 SPECIFIC REQUIREMENTS

- A. Contractors are required to comply with all OSHA, Federal, State and Local laws, regulations and standards while working on this project. Should there be a conflict between a current law, regulation or standard and the contractual arrangements; the most stringent requirement shall be followed.
- B. Storm and Sanitary Sewers: Chemical materials other than potable water must not be placed into the sanitary or storm sewers without the permission of the Project Manager.
- C. Radioactive Materials: Contractor is prohibited from bringing any radioactive materials on campus without first obtaining permission from the University Radiation Safety Officer (RSO). If the Contractor was approved to use radioactive materials or x-rays on site the Contractor must comply with, at a minimum, OSHA 1926.53 (a) (b).

3.4 GENERAL SAFETY REQUIREMENTS DURING CONSTRUCTION

- A. Work areas must be kept neat and clean at all times. Combustible and debris must be removed from work areas at least daily or more frequently if needed. All hazardous wastes must be removed in accordance with appropriate regulation.
- B. Life safety systems shall not be deactivated by the Trade Contractor unless specific arrangements have been made with the University and the Fire Department.
- C. No obstructions are to be placed on or within 15 feet of fire hydrants. Hydrants must be accessible for fire-fighting purposes.
- D. Open ditches must be fenced where walks cross such ditches, bridged walkways must be provided with rails on both sides. Bridged walkways must be adequately lighted at night.
- E. Any type of temporary heating units used must be adequately protected and attended.
- F. Temporary walks and roads should be surfaced by PennDot number 2 crushed stone, if they are to be in public use.
- G. Walks and roadways used by both Contractor and the public shall be kept in repair and cleared by the Contractor at least once each day and more often as conditions require.
- H. Where walkways, roadways or entrances used by the public are adjacent to or pass under construction scaffolding or near building edge, the Contractor shall provide an adequate covering for such area to protect passersby from falling objects.
- I. All temporary construction sheds, trailers and flammable liquid storage areas belonging to Contractors shall be so placed on the construction site to minimize any danger to University property and the public.

- J. The University Safety Director is available for consultation regarding the above items and any other safety matter.

END OF SECTION 015001