

**SECTION 01 35 23.01 – CONTRACTOR’S SAFETY PROGRAM****PART 1 – GENERAL****1.1 DESCRIPTION**

- A. Take all necessary precautions to protect the safety and health of its employees, Subcontractors, and their agents and employees, and other persons or entities performing portions of the Work for or on the behalf of the Contractor or any of its Subcontractors on the Project site. Establish a Contractor’s Safety Program which shall meet the requirements set forth below.

**1.2 SUBMITTALS**

- A. Maintain the following written records available for review by the Owner at the Project site:
  - 1. OSHA 200 log of occupational injuries and illnesses that occur on the Project site;
  - 2. documentation of subject, date, time, and attendance for safety training sessions held;
  - 3. documentation of accident investigations resulting from any on-site accident
  - 4. documentation of regular site safety audits or inspections that are required;
  - 5. a list of the properly-labeled and stored containers and the corresponding Material Safety Data Sheets (MSDS) for all hazardous or flammable chemicals as defined by OSHA compliance standards, for all materials used on the Project site, and;
  - 6. records of the disposal of chemicals used on the Project site as required by the applicable laws and regulations.
- B. Prepare a comprehensive written Contractor’s Safety Program thirty (30) days prior to commencing any Work. The Contractor’s Safety Program shall include, but not be limited to:
  - 1. implementation, monitoring and compliance procedures;
  - 2. OSHA record keeping and reporting to the Owner;
  - 3. OSHA enforcement protocols;
  - 4. work-related accident-reporting and investigating procedures;
  - 5. first aid and medical management procedures;
  - 6. emergency response plan;
  - 7. program management, safety enforcement, and corrective action procedures;
  - 8. a Project specific fall protection plan;
  - 9. a Drug Free Workplace Program, and;
  - 10. procedures for conveying the information contained in the Contractor’s Safety Program to the Contractor’s and Subcontractor’s workers on the Project site.

**1.3 REQUIREMENTS**

- A. Comply with, and insure compliance with, the Contractor’s Safety Program by its employees, Subcontractors, and their agents and employees, and other persons or entities performing portions of the Work for or on the behalf of the Contractor or any of its Subcontractors on the Project site.
- B. Comply, and shall require that all Subcontractors to comply with all Occupational Safety & Health Act (OSHA) regulations and all other current and applicable federal, state, county, and municipal safety, health, and environmental laws and regulations as well as industry-related best practices.
- C. Notify the Owner immediately by telephone followed by written confirmation within 24 hours of any product or material, which creates an imminent danger situation or fails to comply with applicable safety laws.

- D. Notify the Owner promptly, in writing, if a charge of non-compliance has been filed by any regulatory agency against the Contractor or any Subcontractor in connection with performance of the Work.
- E. Conduct a safety orientation to all workers before allowing them to enter the work area. In addition to addressing each company's own safety needs and procedures, the orientation must incorporate the provisions stated herein. In the case of conflict between the Contractor's own safety regulations and the provisions stated herein, the most stringent rules and regulations shall apply.
- F. The Contractor and all Subcontractors shall conduct regular safety training sessions for their employees. If the Contractor or any Subcontractor has two accidents within five working days, the Contractor shall conduct daily safety-training sessions for the following five working days.
- G. The Contractor and each Subcontractor shall designate one of its employees on the Project site as a safety representative. The designated safety representative shall be an individual who has the experience and ability to act on the Contractors or Subcontractors' behalf in matters of safety on the Project. Safety representatives may have other duties, however, they shall be allowed adequate time to conduct all necessary safety activities required.
- H. Failure of the Contractor to comply with the Contractor's Safety Program will be considered as noncompliance with the contract and may result in remedial action, including termination of the Contract under Article 14.2 of the Vanderbilt University Standard AIA A201-2007.
- I. The Contractor's project managers, superintendents, foremen, and designated safety representatives who work on the Project site shall complete the OSHA 10 hour Construction Course within a two year period prior to working on the Project site. Other specific training such as, Scaffolding Training, Fall Protection Training, Excavation Training, First-aid/CPR Certification, Confined Space, Tunneling, and Use of Explosives training is required if those areas are in the scope of the Work to be performed.
- J. Immediately correct any imminent danger situations brought to his attention. Correct other unsafe conditions, unsafe work, construction equipment, tools, or any other unsafe act or conditions within 24 hours after receiving notice from the Owner. Correct the unsafe condition before proceeding with the Work. Lost time, lost productivity and fines associated with this or any safety violation will be at the sole cost of the Contractor without additional cost to the Owner.
- K. Provide a complete and comprehensive protection plan against worker falls from elevations of six feet or more except when working on ladders less than 10 feet.
- L. Implement a Drug Free Workplace Program. The program may include, but not be limited to, pre-work, reasonable suspicion, post-accident, and random drug screening. The Contractor and Subcontractors shall provide certification of a negative drug test performed not more than seven days before allowing a worker on the Project site for the first time. The cost of all pre-work testing, random and reasonable suspicion testing shall be borne by each employer and shall not be part of the cost of the Work. The Contractors and Subcontractors shall select employees for random testing and for any reasonable suspicion testing.
- M. Provide to each worker on the Project site the proper safety equipment for the duties being performed by that worker and shall not permit any worker on the Project site who fails or refuses to use the same. The Owner shall have the right, but not the obligation, to require the Contractor to remove from the Project site a worker for his or her failure to comply with the Contractor's Safety Program.
- N. All workers shall wear eye protection at all times while on the Project site. These devices shall be worn except in designated break areas. Eye protection shall be approved safety glasses or other suitable eye protection such as face shields, welder's glasses and helmets, or other special type of

- goggles or glasses required for a work particular task. Dark lenses shall not be worn inside a building structure except when required for safety for a particular work task.
- O. All workers shall wear heavy-duty work boots or shoes at all times while on the Project site. Steel-toed shoes or boots are required only when performing a task that requires the additional protection. No tennis shoes are allowed.
  - P. All workers shall wear hard hats at all times while on the Project site. These devices shall be worn except in designated break areas or after a formal variance has been submitted by the Contractor and approved by the Owner. Hard hats shall be kept in good condition and shall not be altered or defaced except for approved markings. Hard hats shall be worn according to ANSI specifications.
  - Q. All workers on the Project site shall wear a shirt at all times while on the Project site. Shirts shall have a minimum of 4-inch sleeves and extend to the belt.
  - R. All workers on the Project site shall wear full-length long pants at all times while on the Project site. Pants shall be full-length to the ankle. Pants shall not be worn in a 'low rise' manner or be excessively baggy.
  - S. All workers shall wear approved ear protective equipment such as earplugs or muffs when working in designated high noise areas or at any time when exposed to excessive noise levels.
  - T. All workers shall wear approved respirators when working in the presence of excessive airborne contaminants.
  - U. All workers shall wear suitable work gloves where gloves will help prevent hand injuries.
  - V. The use of radios, tape decks or other musical devices with earphones is prohibited.
  - W. Glass containers are not allowed on the Project site.
  - X. Workers shall not ride on machinery or equipment, in truck beds, or on trailers.
  - Y. All machinery shall have operational backup alarms.
  - Z. No worker shall enter a trench or excavation unless it is properly shored or sloped and inspected by a competent person as defined by OSHA Standards.
  - AA. Only trained and qualified operators shall use power-actuated tools.
  - BB. All extension ladders shall be secured at the top and bottom when in use. No stepladders over 10 feet in length shall be used. All ladders shall have zero defects as defined by OSHA regulations.
  - CC. Safety rails shall be maintained at all openings, stairways, and at the building perimeter.
  - DD. Flammable liquids shall be kept in approved containers.
  - EE. Compressed gas cylinders shall be properly secured and properly stored.
  - FF. No worker shall work from a scaffold until it has been inspected and tagged by a competent person as defined by OSHA Standards. Daily inspections must be documented.
  - GG. Operations that require a Ground Fault Circuit Interrupter (GFCI) or an Assured Equipment Grounding Program in accordance to the OSHA 1926 Construction Safety and Health Standards shall use GFCIs. The Assured Equipment Grounding Program may be used but only as an addition to the use of GFCIs, not as an alternative. All electrical extension cords must be at least 12 gauge with no splices or repairs.
  - HH. Comply with OSHA crane regulations for all cranes or derricks on the Project site. All crane operators shall have a negative drug test within (7) seven days starting work on the Project site and shall have completed an Owner recognized operators training program and shall be certified by the National Commission for the Certification of Crane Operators
  - II. All cranes assigned to the Project for more than (30) thirty days, shall be inspected by an independent agency or a qualified third party prior to the arrival on the Project site. An independent agency or a qualified third party shall inspect any crane prior to the arrival on Project site, regardless of duration, for any crane to be used in conducting a critical lift. A critical lift includes any lift, which is 80% of the Manufacturers' Load Charts or any lift posing a

hazardous exposure to the public. Any crane requiring assembly on the Project site, including the installation of a gib, shall be inspected by an independent agency or a qualified third party after assembly and prior to use. The methods for inspection shall be submitted by the Contractor and approved by the Owner. All independent agencies or third parties are subject to the Owner's approval and shall have no contractual relationship with the owner of the crane. A copy of the current annual inspection report shall be in the cab of the crane and previous inspection reports available for the Owner's review, if requested.

- JJ. The Contractors and all Subcontractors shall adhere to OSHA's Hazard Communication standards (29CFR 1200, 29CFR 1910, and 29CFR 1926.59).
- KK. Distribute a Material Safety Data Sheet (MSDS) for any hazardous or flammable chemical as defined by OSHA compliance standards that is used on the Project site to all Subcontractors that may use or be exposed to such chemical. All materials covered by the OSHA compliance standards shall be properly labeled, handled, and stored. Hazardous materials shall not be used without prior coordination with the Vanderbilt Environmental Health and Safety office.
- LL. Make provisions for adequate ventilation when using volatile materials so that University students, employees, and visitors are not exposed to any chemical hazards. Provide adequate protection for the employees using the hazardous materials. If the Contractor is working in an area containing University chemicals or hazardous materials or in ducts that exhaust hazardous chemicals, shall contact the Owner to obtain information regarding the hazards of the chemicals and recommendations for personal protective equipment and procedures.
- MM. Provide special orientation training as to those potential hazards unique to the task and the proper precautions to be observed, to any worker who is assigned to a new or non-routine task, or who may be exposed to specific hazards i.e. confined space entry, work on, with, or in proximity to toxic chemicals or substances, or work in special areas, etc.
- NN. If the Contractor or any Subcontractor is involved in extra hazardous work as defined by OSHA Standards, the Contractor or Subcontractor shall provide a written plan covering those extra hazardous operations.

## **PART 2 – PRODUCTS**

Not Applicable

## **PART 3 – EXECUTION**

Not Applicable

END OF SECTION