

1.0 RESPONSIBILITY FOR PROJECT SAFETY AND ENVIRONMENTAL PROTECTION

- 1.1.** The requirements contained herein are specifically related to the Environment, Safety and Health (ESH) associated with the performance of the consulting work for this contract and focused on protecting the Information Consultant (Consultant) and the environment in which they work. These requirements are not intended to infer any responsibility for the work performed to construct or utilize the work product of this contract, nor to replace codes and standards used in the design process.
- 1.2.** The Consultant recognizes the importance of performing the work in a safe and responsible manner to prevent damage, injury, or loss to individuals, the environment, and the work itself, including materials and equipment incorporated into the work or stored on-site or off-site. Contractor assumes responsibility for implementing and monitoring all Environment, Safety and Health (ESH) precautions and programs related to the performance of the work.
- 1.3.** The Consultant shall comply with all legal and SDSTA-specific reporting requirements relating to ESH set forth in the contract documents. The Consultant will verbally notify of any injury, loss, damage, or accident arising from the work to Owner's Representative and to the SDSTA ESH Safety Representative (ESH Safety Rep), to the extent mandated by legal requirements, to all government or quasi-government authorities having jurisdiction over safety-related matters involving the project or the work. All persons injured while working at SURF will be immediately evaluated, and treated as necessary, by a medical professional before returning to work. Consultant will immediately report to the Owner Representative all spills of a regulated substance of one gallon or greater, and all other significant impacts to the environment (soil, water, air) in performance of the work. Consultant will also immediately notify the Owner Representative of any failure to comply with state and federal environmental laws, rules, and regulations.
- 1.4.** Consultant's responsibility for ESH under this contract is not intended in any way to relieve any of their own contractual and legal obligations and responsibilities.

2.0 ESH REQUIREMENTS AND COORDINATION

- 2.1.** Safety and protection of the environment are of the utmost concern on this Contract. Safety in this context refers to the health and safety of people and the protection of the environment. Site specific safety requirements are defined in the SURF ESH Manual located at: <https://www.sanfordlab.org/esh>. Mines Safety and Health Administration (MSHA) compliance may be acceptable, where applicable. Costs associated with the implementation of the requirements will be borne by the Consultant. Safety and protection of the environment are of the utmost concern on this Contract. Safety in this context refers to the health and safety of people and the protection of the environment.
- 2.2.** If Consultant performs any work onsite at the Sanford Underground Research Facility (SURF), the Consultant shall be accompanied at all times by an Owner's representative/guide. Refer to the Owner's Facility Access Chapter.

- 2.3.** All chemicals to be used at SURF must be pre-approved by SDSTA and Safety Data Sheets (SDS) must be maintained by the Consultant and be readily available to workers on site.
- 2.4.** Consultant owned equipment brought onsite shall be inspected and maintained prior to arriving on-site and before each use.
- 2.5.** Owner shall provide required PPE for the Consultant's use, if required. For safety purposes, Consultant is to wear full-length pants or jeans and sturdy-toe footwear onsite. Specific locations or tasks may require hard hats, safety toe boots, safety glasses with side shields, hi-visibility clothing and required fall protection equipment including suspension trauma straps, and full body harness (ANSI A10.14 approved). All consultant personnel shall follow the ESH-(7000-S)-71493 PPE Standard and supporting documents.
- 2.6.** When working in the headframes, the Consultant will maintain six-foot distance away from an open shaft hole when the cage gate is open or have 100% tied-off (Fall Arrest) protection.
- 2.7.** The Consultant is responsible for assuring that all safety training is completed in compliance with SDSTA guidelines, standards, and associated regulations. The following training is required for all Consultant personnel before they start work:
- Sanford Underground Research Facility (SURF) Surface and/or Underground Orientation Training, if onsite for less than 40 hours in a 12-month period
 - Cultural Awareness video
 - Any specific equipment training (e.g.: crane operator)
 - Site specific training for environmental compliance (e.g.: spill prevention, Hazmat, storm water, etc.)
- For Consultants working on-site more than 40 hours in a 12-month period, the following training is required:
- General Safety Basic Training (Surface and/or Underground)
- 2.8.** The Consultant must have an individual trained and qualified as a SURF Guide for each area that the Contractor / Consultant will be working [\[or have an assigned SURF Guide for the duration of the task– \(REMOVE IF NA\)\]](#). [\[The Guide must be onsite with the workers at all times. – \(REMOVE IF NA\)\]](#) Refer to ESH-(1000-S)-73189 Facility Access Standard or the SURF Training Department for Contractor Guide training.
- 2.9.** Smoking, use of tobacco products, including vapor, alcohol, controlled substances, or weapons are not allowed within the boundaries of SURF. All property owned and operated by the SDSTA is designated as tobacco and vapor-free. This applies to all areas of the surface and the underground.
- 2.10.** If SDSTA perceives the Consultant has created or is exposed to an imminent danger, unacceptable risk, or a non-compliance situation, SDSTA will stop work until safe conditions are re-established. Such work stoppages will be at the expense of the Consultant and will not add

time to the completion date of the contract. All personnel have the right and responsibility to authorize a stop work onsite whenever encountering an unsafe condition or act. Refer to the ESH-(2000-S)-202124 Stop Work Standard.

- 2.11.** In the event of an incident, Consultant will notify the Owners Representative or ESH Safety Rep immediately and never later than the end of shift on the day of incident. Consultant shall complete the ESH-(3000-F)-173324 First Report of Incident and Investigation form and submit to the Owners Representative or ESH Safety Rep.
- 2.12.** The Consultant acknowledges that periodic evacuation drills and exercises are required by SDSTA to validate the adequacy and effectiveness of the ESH-(6000-S)-185207 Emergency Management Standard. Consultant also recognizes that such drills and exercises enhance its employees' understanding of Emergency Management Standard. Consultant agrees to participate in quarterly evacuation drills, which may or may not be scheduled in advance, during the term of this contract. It is understood that Consultant will not be entitled to any additional compensation for participating in these evacuation drills or exercises.

Refer to the SURF website, [ESH Manual at https://www.sanfordlab.org/esh_](https://www.sanfordlab.org/esh_) for further information on all standards.

Revision History

Rev	Date	Section	Paragraph	Summary of Change	Authorized by
01	11/3/2023	NA	NA	Initial Release	CCR 861