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SECTION 01 35 23 OWNER SAFETY REQUIREMENTS - CONSTRUCTION

PART 1 - GENERAL

1.1 SUMMARY

- A. This document provides a framework for a construction safety program. Large portions of this specification have been taken from Department of Energy (DOE) Standard DOE-STD-1149-2016 Safety and Health Program for DOE Construction Projects. The intent is to provide an effective methodology for managing the risks inherent to construction work in a systematic manner that can be easily integrated with a construction project.
- B. Related work in other sections:
 - 1. Section 00 31 19 "Existing Condition Information"
 - 2. Section 01 35 13 "Special Project Procedures"
 - 3. Section 01 41 00 "Regulatory Requirements"
 - 4. Section 01 42 00 "References"
 - 5. Section 01 35 25 "Work Process and Controls"
 - 6. Section 01 35 43 "Environmental Procedures"

1.2 REFERENCES

- A. Reference Standards: The Subcontracted scope of work shall comply, at a minimum with the following:
 - 1. Title 8 of the California Code of Regulations (T8CCR).
 - 2. 29 CFR 1926, Safety and Health Regulations for Construction, latest edition.
 - 3. 29 CFR 1910, General Industry Occupational Safety and Health Standards which are applicable to construction work, latest edition.
 - 4. 10 CFR 851, Worker Safety and Health Program.

1.3 SUBMITTALS

- A. Injury Illness Prevention Program (IIPP), Site Specific Safety Plan (SSSP), and Job Hazard Analysis (JHA): Submit for review and approval by the Sandia Delegated Representative (SDR).
- B. "Declaration of Occupational Medicine Provider" form for Subcontractors performing work at Sandia National Laboratories for a period 30 day or more in a twelve month period. See Attachment A - Declaration of Occupational Medicine Provider.

1.4 QUALITY ASSURANCE

- A. Flow Down of Requirements: The Subcontractor shall flow down the requirements identified in this specification to Lower-tier subcontractors for all tiers. SNL has the right to validate the work is performed in accordance with the documented IIPP.

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- B. The Subcontractor Safety Officer: Safety Officer shall ensure compliance and implementation of requirements of the IIPP, SSSP, and JHA. Proposed Safety Officer shall be subject to acceptance by SDR based on the scope of work, anticipated risks, training, and experience that meets the following minimum requirements:
1. Education: Two-year degree with course work in occupational health and safety, industrial hygiene, environmental engineering, or related field. Documented experience in safety inspection and coordination may be substituted on a year-for-year basis in lieu of formal course work.
 2. Experience: Two years of documented experience in safety inspection and coordination.
 3. Shall be knowledgeable of the following:
 - a. Principles and practices of industry and construction site safety.
 - b. Safety and occupational health laws and procedures.
 - c. Methods of assessing safety hazards and controls.
 - d. Hazardous material storage and transfer procedures.
 - e. Emergency preparedness activities.

1.5 INJURY ILLNESS PREVENTION PROGRAM (IIPP), Site Specific Safety Plan (SSSP), and Job Hazard Analysis (JHA)

- A. The Subcontractor shall establish and maintain an IIPP, SSSP, and JHA to protect the safety and health of all persons on the construction worksite to include his or her employees, employees of other Subcontractors or Lower-tier subcontractors, visitors, and the public. These programs also shall protect against damage to property, materials, supplies, and equipment and prevent unnecessary work interruptions. The objective of these programs is to ensure compliance by the Subcontractor and all worksite Lower-tier subcontractors with the safety and health standards prescribed in the subcontract documents.
- B. Prior to commencing any work on the project worksite, the Subcontractor shall prepare and submit for approval a written IIPP, SSSP, and JHA. These programs are the Subcontractor's proposal for implementing the safety and health requirements prescribed by the subcontract documents. The IIPP, SSSP, and JHA shall incorporate the information provided in the "Preliminary Risk Assessment"; see specification section 00 31 19 "Existing Condition Information". The program shall address minimally the following:
1. Statement of Subcontractor safety and health policy.
 2. Statement by each lower tier subcontractor attesting that they have reviewed and shall follow IIPP submitted by the Subcontractor.
 3. Identity of safety officer and other Subcontractor personnel to be assigned safety and health duties on the worksite, their qualifications, and their respective duties. The program shall also identify any other individual(s) the Subcontractor proposes to authorize to act during periods of safety officer absence.
 4. Plans for worksite safety and health orientation and continued safety training.
 5. Disciplinary policy for infractions of any the following: IIPP, SSSP, JHA. The Subcontractor is required to implement a disciplinary program to control poor performance, misconduct, negligence and safety violations by

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both its own employees and by any of its respective Lower-tier subcontractors.

6. Alcohol and drug abuse policy.
 7. In addition to basic/ required plan elements include subcontract specific programs/ policies for the following: Fall Protection, Ladder Safety, Control of Hazardous Energy, Confined Space, Hazard Communication, Respiratory Protection, Hearing Conservation, Fire Prevention, Industrial Equipment, Scaffolding, Vehicle and Traffic Safety, Personal Protective Equipment, Training and Refresher Matrix.
 8. Process for identifying and mitigating risk prior to work and during unplanned work stoppages, disruptions, and associated recovery during restart.
 9. First aid and medical facilities.
 10. Emergency response procedures to include local warning and evacuation systems.
 11. Procedures for reporting or correcting unsafe conditions or practices.
 12. Procedures for reporting and investigating accidents and incidents.
 13. Project safety and health recordkeeping procedures.
 14. Maintenance of and employee access to exposure monitoring data and medical records.
- C. The approved IIPP, SSSP, and JHA shall be maintained on the worksite and shall be made available upon request to the SDR.

1.6 OCCUPATIONAL MEDICINE PROGRAM

- A. Subcontractors at all tiers who are onsite for more than 30 work days in a calendar year, or have employees who are enrolled for any length of time in a medical or exposure-monitoring program required by the 10 CFR 851, Worker Safety and Health Program rule and/or any other applicable federal, state, or local regulation, shall have an Occupational Medicine Provider (OMP).
- B. Subcontractors shall submit the name of a credentialed provider; the company name, address, telephone number, and the name of a management contact for their Occupational Medicine Provider in their Safety Plan. Complete a "Declaration of Occupational Medicine Provider"; see attachment "A" of this document.

PART 2 - PRODUCTS – Not Used

PART 3 - EXECUTION

3.1 MINIMUM WORK PRACTICES

- A. Reporting, Recordkeeping, And Accident Investigation
 1. In order to facilitate the accurate tracking of SNL Days Away Cases, the following information shall be submitted to the SDR by the Subcontractor on a monthly basis. A Days Away Case is defined as a recordable incident by an NTESS employee or Subcontractor that results in at least one (1) full

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workday away from work. A log by calendar day shall be submitted stating the total number of workers on site per day. It is not necessary to differentiate partial from full days or provide detail by employer, trade, etc.

2. The Safety Officer shall notify the SDR and shall submit a completed Report of Occupational Injury/Illness form provided by the SDR on all accidents which result in an injury or work related illness to any person. The notification shall describe in writing the circumstances of the accident and the corrective action taken. The notification and submittal shall be within twenty-four (24) hours of any such injury.

B. Personal Protective Equipment

1. All subcontracted personnel shall wear personal protective equipment (PPE) appropriate for the work and job location. Hard hats are required on all projects. As appropriate for construction activities, the Subcontractors are required to wear shirts with at least quarter length sleeves, long pants, and hard sole work boots that provide ankle protection. Additional PPE may be required depending on the hazards of the work/location.

- C. All visitors to the construction site shall wear PPE that meets the aforementioned requirements or as specified by the Subcontractor, appropriate to the job site hazards

3.2 Work Site Identification

- A. Construction Safety Bulletin Board: Provide and maintain weather-tight safety bulletin board in a visible location, not less than 3 feet by 5 feet in size. Bulletin board shall be used only to post official announcements.

1. For projects under \$50,000, provide and maintain legible, durable, and weatherproof sign with the following information:
 - a. Company name
 - b. Superintendent name
 - c. After-hours telephone number
 - d. SNL Contract number
 - e. SNL supplied poster with project personnel and emergency telephone numbers
2. For projects over \$50,000, in addition to the information required in 3.2.A.1, the bulletin board shall also include the following:
 - a. Subcontractor supplied poster with Subcontractor personnel and telephone numbers
 - b. Subcontractor supplied Equal Employment Opportunity (EEO) poster.
 - c. Subcontractor written First Aid Plan
 - d. Posted location of Material Safety Data Sheets (MSDS)
 - e. SNL supplied DOE complaint form DOE F5480.4
 - f. SNL supplied copy of Report of Occupational Occurrences (Injury/Illness)
 - g. SNL supplied Employee Rights under the Davis-Bacon Act
 - h. SNL supplied DOE Safety Poster
 - i. SNL supplied Emergency Assembly Area Map
 - j. Other job specific postings as required

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END OF SECTION

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**Attachment A – Declaration of Occupational Medicine Provider General Information
UCI (WHEN COMPLETED)**

PURPOSE

All Subcontractors and their Lower-tier subcontractors must comply with the Department of Energy’s Worker Safety and Health Program regulation, 10 CFR 851, “Worker Safety and Health Program (WSHP). The WSHP enforces worker safety and health requirements including, but not limited to, standards of the Occupational Safety and Health Administration (OSHA), American National Standards Institute (ANSI) and Workers Compensation Laws as incorporated in the SNL WSHP.

APPLICABILITY

Subcontractors at all tiers which meet the applicability criteria must establish and provide comprehensive occupational medicine services to workers employed at DOE-controlled premises. To assist in ensuring Subcontractors meet the worker safety and health provisions of 10 CFR 851-Occupational Medicine functional area, SNL requires Subcontractors to provide a completed “Declaration of Occupational Medicine Provider” (attached).

Criteria:

1. Work on a DOE site for more than **30 days in a 12-month period; OR**
2. Are **enrolled** for any length of time in a **medical or exposure monitoring program** required by this rule and/or any other applicable Federal, State or local regulation, or other obligation [Examples in “General Requirements: Summary Information” Section]

Action:

- If the Subcontractor **does meet** the applicability criteria, the Declaration must be completed and provided to the NTESS Delegated Representative (SDR) prior to performing work. The Declaration is maintained with the project files.
- If the Subcontractor **does not meet** the applicability criteria, no further action is necessary.

GENERAL REQUIREMENTS: SUMMARY INFORMATION

Subcontractors at all tiers must have an Occupational Medical Provider for performing hazard-based medical monitoring and surveillance; qualification-based fitness for duty medical evaluations; and injury and illness case management. Occupational health personnel providing services must maintain current license, registration and/or certifications as required. The Subcontractor is responsible for maintaining the appropriate documentation to demonstrate compliance with the administration of necessary medical and health care programs and may be subject to assessments and audits.

Hazard Based Medical Monitoring and Surveillance Programs include, but are not limited to:

- OSHA Specifically Regulated Substances (“Expanded Health Standards”) including: Asbestos, Arsenic, Cadmium, Chromium, Lead, Methylene Chloride, Crystalline Silica, etc.
- OSHA Occupational Noise Exposure

Qualification-Based Fitness for Duty (FFD) Evaluations include, but are not limited to:

- OSHA/ANSI Respiratory Protection
- Department of Transportation (FMCSA) Commercial Drivers License –CDL

Injury and Illness Case Management includes, but is not limited to:

- Determination of work-relatedness; Work restrictions; Rehabilitation; Return to Work

ADDITIONAL INFORMATION

Complete information on 10 CFR 851 requirements, including Occupational Medicine, may be located at: <http://www.hss.doe.gov/HealthSafety/WSHP/rule851/851final.html>

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REQUIRED SUBMITTAL
DECLARATION of OCCUPATIONAL MEDICINE PROVIDER
UCI (WHEN COMPLETED)

INSTRUCTIONS: Determine if the 10 CFR 851 requirements for an Occupational Medicine Program apply based on the applicability criteria.

- If the company **does meet** the applicability criteria, complete the form and provide the document to the SNL Sandia Delegated Representative (SDR) prior to initiating work.
- If your company **does not meet** the applicability criteria, no further action is necessary.

APPLICABILITY CRITERIA: Subcontractors who meet the applicability criteria must establish and provide comprehensive occupational medicine services to workers employed at DOE-controlled premises, in accordance with the Department of Energy's regulation, 10 CFR 851 "Worker Safety and Health Program". Subcontractors who will perform any work on a DOE site, and who meet the applicability criteria, shall provide a written Declaration identifying their Occupational Medicine Provider.

If either condition exists, the Declaration must be completed and provided to the SDR:

1. Work on a DOE site for more than **30 days in a 12-month period; OR**
2. Are **enrolled** for any length of time in a **medical or exposure monitoring program** required by this rule and/or any other applicable Federal, State or local regulation, or other obligation. (Examples on Page 1)

ADDITIONAL INFORMATION

Complete information on 10 CFR 851 requirements, including Occupational Medicine, may be located at: <http://www.hss.doe.gov/HealthSafety/WSHP/rule851/851final.html>

THIS SECTION TO BE COMPLETED BY SUBCONTRACTING COMPANY

1. Identify the Date, Name, Address, Contact Information and the Primary Point of Contact (management representative) for your **Company**:

Date: _____
Company Name: _____
Address: _____
Contact Information (Office Phone; Cell Phone): _____
Primary Point of Contact: _____

2. Identify the **Medical Monitoring** and/or **Fitness for Duty (FFD) Program** in which personnel *are currently* enrolled:

- Respiratory Protection**
- Hearing Conservation (Occupational Noise)**
- Commercial Driver's License**
- Other: Specify:** _____
- Not Applicable**

3. Identify the **Occupational Medicine Provider** including Name, Address and Contact Information:

NOTE: If different Occupational Medicine Providers are used for different needs (Medical Monitoring; FFD Examinations; Injury/Illness Case Management) please identify each provider.

Name: _____
Address: _____
Contact Information (Office Phone; Cell Phone): _____