

Savannah River Site (SRS)

Category B Service & Construction Subcontract Prequalification Checklist

Overview and Instructions:

10 CFR 851 requires contractors and subcontractors working at a Department of Energy facility to provide a place of employment that is free from recognized hazards that are causing or have the potential to cause death or serious physical harm to workers. This provision of the rule closely parallels the OSHA general duty clause established in Section 5(a)(1) of the OSH Act of 1970. SRS requires all subcontracting companies to identify hazards & controls associated with their specific subcontract scope of work.

If applicable to your specific subcontract, the following documents must be completed and submitted as they are listed below.

Any questions should be directed to the SRS buyer for resolution with the SRS safety professional responsible for reviewing and accepting the Prequalification Packet. Nothing in this checklist must be construed as relieving a subcontractor from complying with any additional specific requirement that it determines to be necessary to protect the safety and health of workers.

Forms for Completion:

- ☐ **Worker Protection Plan Checklist** – The Worker Protection Plan (WPP) Checklist identifies the minimum applicable program elements required in the Worker Protection Plan however, full compliance where applicable is mandated by 10 CFR 851.
- ☐ **EMR & TRC Worksheet** – Subcontractors must provide information related to the firm's Experience Modification Rate (EMR) and their OSHA Total Recordable Case Rate (TRC) for the past three full calendar years.
Note: *Certain exemptions apply per 29 CFR 1904.1 (ten or fewer employees) and Non-Mandatory Appendix A to Subpart B of Part 1904 (partially exempt industries).*
- ☐ **Qualifications (If Applicable)** – The subcontractor shall designate on-site safety and industrial hygiene representation, as specified in the subcontract. Reference OSR 1-126 (Subcontract Field Conditions) to determine if your subcontract requires safety and/or industrial hygiene staff.

Guidance Documents (Pages 26-31):

1. Worker Protection Plan
2. Onsite Safety and Health Staffing Requirements
3. Task Specific Plan (TSP)
4. Sample Task Specific Plan (TSP)
5. Local Medical Providers

Documents to Submit:

- *Worker Protection Plan / Site Specific Safety and Health Plan* – A WPP specifies how a company will implement, maintain, and manage subcontract regulatory compliance while conducting business under contract at SRS. In accordance with 10 CFR 851, the WPP must mandate an environment that is free from recognized hazards and requires participation by all levels of management and employees in the prevention and recognition of unsafe acts and conditions.
- *Resume (If Applicable)* – On-site safety and industrial hygiene representation requires minimum staffing qualifications. To satisfy this requirement, submit a resume for each proposed individual for review and acceptance.
- *Task Specific Plan (TSP)/Job Hazard Analysis (JHA) (If Applicable)* – 10 CFR 851, “Appendix A”, requires subcontractors to perform a job hazard analysis for all tasks associated with their work scope. To satisfy this requirement, subcontractors shall submit Task Specific Plans (TSPs), commonly referred to as Job Hazard Analyses (JHA), for initial review and acceptance. Additionally, the subcontractor will provide TSPs to the SRS Subcontract Technical Representative for review and acceptance prior to starting any onsite work at SRS.
Note: *Certain contracts are not required to provide a TSP prior to starting onsite work at SRS.*
- *Insurance Confirmation of EMR Rate* – Subcontractors must provide a letter from its Workman’s Compensation Insurance Carrier certifying the EMR data provided to SRS.
- *OSHA 300 Logs/Summaries (If Applicable)* – Subcontractors must attach copies of the OSHA Annual Summary Logs (OSHA’s Form 300A) for the previous 3 years.
Note: *Certain exemptions apply per 29 CFR 1904.1 (ten or fewer employees) and Non-Mandatory Appendix A to Subpart B of Part 1904 (partially exempt industries).*

WPP Checklist

Instructions

Subcontractors must identify all hazards involved with their work scope. This checklist identifies the minimum safety and health program elements that SRS expects subcontractors to address in their SRS Site Specific WPP. It is not intended to be all inclusive and should be used only as guidance to support minimum documentation. SRS Site Specific WPPs must comply with all local, state and federal requirements, including 10 CFR 851, all subsequent updates and technical amendments.

Begin by completing Sections I and II. For Section II, address each requirement in your WPP and identify the location (ie: page number).

Section I (Required):

Subcontractor Name:	
RFP/Proposal:	
SRS Buyer:	
Subcontract Technical Representative (STR):	
*Assigned Competent Person (ACP):	
Licensed Medical Provider: Note: <i>Select from provided list or type name of other</i>	
Safety Representative/Professional (If Applicable): Note: <i>Select which option applies to your contract</i>	
Industrial Hygiene Professional/Technician (If Applicable): Note: <i>Select which option applies to your contract</i>	
Prequalification Checklist Revision Number: Note: <i>If this is your first revision, select "R0"</i>	

***Assigned Competent Person:** Individual who determines need for visitor/vendor, determines initial hazard designation, identifies proper checklists and determines if a focused observation is necessary, prints and reviews detailed checklists at job site, provides job site safety briefings and performs focused observations. This individual may be a SRS Performing Entity Employee or their subcontractors.

Signature: _____ **Date:** _____

Section II (Required):

Site Specific Requirements

Fitness for Duty: Established policies are in place to ensure employees report to work and perform their assigned task(s) safely and free from impairments.

Page: _____

Reference: 10 CFR 851 Appendix A, Section 8

Accidents/Incidents/Investigations: All employees are required to immediately report accidents, injuries or incidents to the STR and participate in the investigation. Recordkeeping is maintained in alignment with OSHA 1904. DOE form 5484.3 will be completed and submitted to the STR within two days following any injury/illness. In the event of an investigation leading to corrective action to prevent reoccurrence, documentation and action will be prepared and submitted to the STR for review and acceptance .

Page: _____

Reference: 10 CFR 851.20 & 26, 29 CFR 1904

Safety Policy: The subcontractor has an established written policy including clear goals and objectives along with outlined personnel responsibilities, authority, and accountability.

Page: _____

Reference: 10 CFR 851.20

Applicability of WPP to Employees: Employees will be provided a copy of the WPP as well as trained and briefed on the requirements specified within.

Page: _____

Reference: 10 CFR 851.11 & 25

Time Out: Employees have the right and authority necessary to call a time out when unsafe conditions are observed and/or employee actions are likely to cause injury to them, other personnel, or cause damage to property or the environment.

Page: _____

Reference: 10 CFR 851.20

New hire employee safety orientation: The subcontractor will provide training and information for new workers, before or at the time of initial assignment to a job involving exposure to a hazard and information on that hazard in order to perform their duties in a safe and healthful manner.

Page: _____

Reference: 10 CFR 851.25

Employee Safety Meetings: Provide for regular communication with workers about workplace safety and health matters.

Page: _____

Reference: 10 CFR 851.20 & Appendix A

Employee's rights relative to company documentation: Employees have been informed that they have the right to request and receive the results of safety and health inspections and accident investigation reports.

Page: _____

Reference: 10 CFR 851.20

Concealing or destroying information: Employees have been informed that they are not to conceal nor destroy any information concerning non-compliance or potential non-compliance with 10 CFR 851 worker safety and health program, OSHA or any other regulatory compliance requirements.

Page: _____

Reference: 10 CFR 851.26

Company Training Program: Company training is designed to instruct each employee on general safety procedures and requirements specific to the employee's job assignment. Documentation of training is maintained.

Page: _____

Reference: 10 CFR 851.25

General Personal Protective Equipment:

Page: _____

Reference: 10 CFR 851.22, 1910 Subpart I, 1926 Subpart E

Equipment, Products, and Services: Hazards have been addressed when selecting or purchasing equipment, products, and services.

Page: _____

Reference: 10 CFR 851.22

Flow down of WPP: All health and safety requirements are required to be flowed down to each lower-tier subcontractor performing manual work. Sub-tier subcontractors shall comply with the Worker Protection Plan and Task Specific Plans associated with the prime subcontractor.

Page: _____

Reference: 10 CFR 851.11

Laboratory and Analytical Services: Industrial Hygiene sampling performed (air, bulk, soil, wipe, etc.) requiring laboratory analysis shall have that analysis completed by accredited and certified laboratories. This sampling could be performed by the primary subcontractor, lower-tier, or a consultant. Verify lab accreditation via the AIHA Accreditation Directory online.

Page: _____

Reference: 10 CFR 851.21 (a) (2)

Occupational Medicine & First Aid

Return to work policy following on the job injury: After a work-related injury or illness or an absence due to any injury or illness lasting 5 or more consecutive workdays (or an equivalent time period for those individuals on an alternative work schedule), a return to work evaluation will determine the individual's physical and psychological capacity to perform work and return to duty.

Page: _____

Reference: 10 CFR 851 Appendix A

First Aid: In the instance in which a licensed medical facility is not used for the treatment of injured employees, a person or persons shall be adequately trained to render first aid. Adequate first aid supplies shall be readily available.

Page: _____

Reference: 1910.151, 1926.50

Maintenance and employee access to medical records: A record, containing any medical, health history, exposure history, and demographic data collected for the occupational medicine purposes, must be developed and maintained for each employee for whom medical services are provided. Access to these records must be provided to employees if requested.

Page: _____

Reference: 10 CFR 851 Appendix A

Section III (Where Applicable):

Read each statement carefully and identify all that are applicable to the scope of work. For each applicable statement, confirm compliance with the requirements by checking the box in the right column.

Included in Scope of Work	Requirements	Confirmation of Compliance
Employees will be performing servicing or maintenance on machines or equipment where the unexpected startup, energization, or the release of stored energy could occur and cause personal injury. The machines or equipment can't be de-energized and controlled via OSHA Cord and Plug exemption.	Subcontractors will comply with Procedure 8Q32, Lockout/Tagout (L/T).	
Employees will be performing servicing or maintenance on machines or equipment where the equipment is required to be energized (i.e. troubleshooting, voltage reading, etc.).	Subcontractors will be SRNS Qualified Electrical Worker (QEW) or NFPA 70E trained and electrically qualified.	
Employees or equipment employee is handling or using has the potential of coming within 20' of overhead electrical lines. Worker(s) is not a SRNS QEW or NFPA 70E trained and electrically qualified.	Subcontractors will comply with Procedure 8Q10.	
Employees will be entering or performing work in a confined space (permit or non-permit).	Subcontractors will comply with Procedure 8Q33.* <i>*Unless specified in the OSR 1-126 Subcontract Field Conditions Form that the subcontractor will follow their own procedure. If so, complete Table 17.</i>	
Employees will be performing work in an environment containing Polychlorinated Biphenyls.	Subcontractors exposed to Polychlorinated Biphenyls will be notified prior to performing work and appropriate controls will be established.	
Employees will be using Beryllium articles and/or materials (containing 0.1% or greater) during work performed at SRS.	Beryllium articles and materials are prohibited on site without appropriate approval. Specific provisions will apply for approved use.	

Section IV (Where Applicable):

Identify all components applicable to the scope of work. Components identified as applicable must be reflected in the WPP and meet the requirements listed.

<i>Table 1</i>			
Heat Stress (ACGIH)	Yes	No	Page #
Use screening criteria using the effective Wet-Bulb Globe Temperature (WBGT) to determine exposure to heat stress	☐	☐	
Description of how the criteria are applied to prevent over exposure to heat stress	☐	☐	
Pre-hydration and regular fluid replacement	☐	☐	
Training on signs & symptoms related to heat illness	☐	☐	
Worker acclimatization to work environment conditions	☐	☐	
Heat strain monitoring	☐	☐	
Reporting mechanisms for heat-related disorders	☐	☐	
Self-determination of exposure	☐	☐	
Evaluation of the potential for preexisting conditions which may predispose workers to heat illness	☐	☐	

<i>Table 2</i>			
Cold Stress (ACGIH)	Yes	No	Page #
Method to evaluate wind chill and dry bulb air temperature to determine exposure to cold stress	☐	☐	
Controls to prevent over exposure to cold stress	☐	☐	
Training on signs and symptoms related to cold illness and injury	☐	☐	
Provide warming locations	☐	☐	
Evaluation of the potential for preexisting conditions	☐	☐	
Personal protective equipment to be used by employees	☐	☐	
Reporting mechanisms for cold-related disorders	☐	☐	

Table 3

Respiratory Protection Program (1910.134, ANSI Z88.2)	Yes	No	Page #
Designated Respiratory Protection Program Administrator	☐	☐	
Permissible practice established through use of the hierarchy of controls	☐	☐	
Medical evaluation including OSHA 1910.134 Questionnaire	☐		
Annual respiratory training	☐	☐	
Respirator fit testing	☐	☐	
Appropriate selection of NIOSH approved respirators including hazard identification and evaluation	☐	☐	
Air purifying respirators used for protection against gases and vapors are equipped with end of service life indicator or change out schedule is implemented <i>(if applicable)</i>	☐	☐	
Safe practices for respirator use	☐	☐	
Respirators issued are appropriately cleaned and disinfected	☐	☐	
Breathing air quality and use	☐	☐	
Workplace evaluations are conducted as necessary to ensure written respiratory protection program is effectively implemented	☐	☐	

Table 4

Cord & Plug (1910.147)	Yes	No	Page #
Exposure to the hazards of unexpected energization or startup of the equipment is controlled by the unplugging of the equipment from the energy source	☐	☐	
The plug is under the exclusive control of the employee performing the servicing or maintenance	☐	☐	

Table 5

Hand and Portable Powered Tools and Other Hand-Held Equipment (1910 Subpart P, 1926 Subpart I)	Yes	No	Page #
Employee training	☐	☐	
Inspection	☐	☐	
Proper storage, care, and use	☐	☐	
Housekeeping	☐	☐	
Proper shielding, guarding, or attachments <i>(if applicable)</i>	☐	☐	
Personal protective equipment to be used by employees	☐	☐	

Table 6

Materials Handling and Storage (1910.176, 1926 Subpart H)	Yes	No	Page #
Proper storage and handling of materials	☐	☐	
Housekeeping	☐	☐	
Equipment use – hand trucks, dollies, carts (<i>if applicable</i>)	☐	☐	
Equipment use – conveyors, cranes (<i>if applicable</i>)	Complete table 13		
Equipment use – powered industrial trucks (<i>if applicable</i>)	Complete table 14		
Personal lifting techniques (<i>if applicable</i>)	Complete table 24		

Table 7

Exposure Assessment for Chemical, Physical and Biological Hazards (851.21 & 23, ACGIH)	Yes	No	Page #
Applicable baseline exposure assessments are performed and documented prior to or during scheduled work. Assessments must be conducted as often thereafter as necessary to ensure compliance with 10 CFR 851.	☐	☐	
Exposure assessment program includes recognized exposure assessment and testing methodologies to assess hazards and detail documentation and the use of accredited and certified laboratories for Industrial Hygiene sampling	☐	☐	
Statement in WPP that commits subcontractor to follow whichever is stricter: ACGIH TLVs or OSHA PELs	☐	☐	

Table 8

Hearing Conservation Program (1910.95, 1926.52, ACGIH)	Yes	No	Page #
Exposure monitoring (for example, a baseline survey of noise producing equipment)	☐	☐	
Implementation of noise controls	☐	☐	
Employee training for those exposed to TWAs of 85 dB and above at least annually in the effects of noise; the purpose, advantages, and disadvantages of various types of hearing protectors; the selection, fit, and care of protectors; and the purpose and procedures of audiometric testing	☐	☐	
Use of hearing protection devices to all workers exposed to 8-hour TWA noise levels of 85 dB or above	☐	☐	
Appropriate recordkeeping of noise exposure measurement records and audiometric test results	☐	☐	
Establish and maintain a Hearing Conservation Program to include baseline audiograms, annual audiograms and training for those exposed to 8-hour TWA noise levels of 85 dB or above	☐	☐	
Program must confirm compliance with American Conference of Governmental Industrial Hygienists (ACGIH) noise exposure limits (85 dBA TLV versus OSHA 90 dBA PELs)	☐	☐	
Use of ACGIH table for TLVs for noise exposure stay times	☐	☐	

Table 9

Walking and Working Surfaces (1910 Subpart D, 1926 Subpart X)	Yes	No	Page #
Housekeeping expectations and practices	☐	☐	
Ladder inspection protocol	☐	☐	
Ladder storage and use	☐	☐	
Proper selection of ladders for given tasks	☐	☐	
Guarding for open sided floors/platforms/runways	☐	☐	

Table 10

Scaffolding (1910 Subpart D, 1926 Subpart L)	Yes	No	Page #
Employee training	☐	☐	
Competent and qualified person responsibilities	☐	☐	
Fall protection requirements during erection and dismantling	☐	☐	
Scaffold inspection and use	☐	☐	

Table 11

Powered Platforms, Aerial Lifts and Vehicle – Mounted Work Platforms (851 Appendix A, 1910 Subpart F, 1926)	Yes	No	Page #
Operator training to the specific model	☐	☐	
Use of personal fall arrest system to include body harness, lanyard, lifeline	☐	☐	
Inspection of all components of the personal fall arrest system	☐	☐	
Operation of aerial lift including maximum intended load and load capacity	☐	☐	
Pre-use inspection of aerial lift to verify equipment and all components are in safe operating condition according to the manufacturer's recommendations	☐	☐	
Availability of operator's manual	☐	☐	

Table 12

Fall Protection (1926 Subpart M, 1910 Subpart D & I)	Yes	No	Page #
Employee training and information	☐	☐	
Appropriate protection is provided when employees are working at heights of six feet or more (construction) or four feet or more (service)	☐	☐	
Guardrail systems – height of railings, load ratings (if applicable)	☐	☐	
Safety net systems – use of safety net system, installation, inspection, testing (if applicable)	☐	☐	
Personal fall arrest or restraint systems – harness, lanyard, anchorage, inspections (if applicable)	☐	☐	
Positioning device system – anchorage, components, inspections (if applicable)	☐	☐	
Fall protection plan (if applicable)	☐	☐	
Guarding for exposed holes (if applicable)	☐	☐	
Personal protective equipment to be used by employees	☐	☐	

Table 13

Cranes, Derricks, Hoists, Elevators and Conveyors (1926 Subparts N & CC, 1910 Subpart N)	Yes	No	Page #
Acknowledge SRS work will be in compliance with OSHA's Crane and Derricks in Construction Rule and review of OSHA's Small Entity Compliance Guide for Final Rule @ http://www.osha.gov/cranes-derricks/smallentity.html	☐	☐	
Operator training/qualification (operator must provide NCCCO certification)	☐	☐	
Rigging personnel training/qualification (must provide NCCCO or third party certification)	☐	☐	
Signal personnel training/qualification or certification	☐	☐	
Safe operations	☐	☐	
Load capacities	☐	☐	
Hand signals	☐	☐	
Inspections/maintenance/services	☐	☐	
Rigging – requirements, inspection and components	☐	☐	

Table 14

Powered Industrial Lift Trucks (851 Appendix A, 1910.178, 1926.602)	Yes	No	Page #
Training and certifications (<i>as applicable for operators and spotters</i>)	☐	☐	
Class designations/labels/safety devices/inspections including any attachments	☐	☐	
Pre-use inspections and/or checklists	☐	☐	
Understanding of situational hazards and responsibilities	☐	☐	
Methods for fueling/charging machinery	☐	☐	
Maintenance program including any attachments	☐	☐	
Use of signs and traffic control devices	☐	☐	

Table 15

Flammable and Combustible Liquids and Compressed Gases (1910.106, 1910.101, 1926.152)	Yes	No	Page #
Employee training to include storage, handling, transfer, inspection, and use requirements for flammable liquids and compressed gases	☐	☐	
Availability of portable fire extinguishers that satisfy rating, location, quantity, and inspection requirements	☐	☐	
Closed containers, storage tanks, and/or fire cabinets meet design, ventilation, construction labeling and capacity requirements	☐	☐	
Use of controls in locations where flammable vapors may be present to eliminate or prevent sources of ignition including, but not limited to open flames, smoking, welding, sparks, radiant heat, lightning, and chemical reactions	☐	☐	
Refueling practices that meet shut off and cool down requirements for gasoline engines/motors	☐	☐	
Personal protective equipment to be used by employees	☐	☐	

Table 16

Hazardous Waste Operations (1910.120, 1926.65)	Yes	No	Page #
Employee training (40 Hour or 24 Hour)	☐	☐	
Supervisor Training	☐	☐	
Current organizational structure to establish the specific chain of command and specify the overall responsibilities of supervisors and employees	☐	☐	
Emergency Response Plan for safe and effective responses, including the necessary PPE and other equipment	☐	☐	
Personal Protective Equipment to be used by employees	☐	☐	
Decontamination Procedures (<i>if applicable</i>)	☐	☐	
Monitoring methodology to be used (<i>if applicable</i>)	☐	☐	
Handling of Drums and Containers (<i>if applicable</i>)	☐	☐	
Tank and Vault Procedures (<i>if applicable</i>)	☐	☐	
Medical surveillance (<i>if applicable</i>)	☐	☐	

Table 17

Confined Space Program Elements (1910.146, 1926 Subpart AA)	Yes	No	Page #
Permit Required Confined Spaces			
Training for entry to include the roles and responsibilities of the Entry Supervisor, Attendant, and Entrant; hazards; hazard controls; atmospheric monitoring; rescue planning, and confined space records			
Hazard evaluation methods including identification of the common physical and atmospheric hazards, work activities which would generate physical and/or atmospheric hazards, an oxygen-deficient or enriched atmosphere in Confined Spaces			
Permit Required Permits and approval(s). Must include (4) major elements: Entry Permit; Confined Space Rescue Plan; Entrant, Attendant, & Entry Supervisor Log; and Air Monitoring Log.			
Responsibilities of entry supervisor			
Responsibilities of authorized entrant			
Responsibilities of authorized attendants			
Methods to perform Atmospheric Testing and monitoring to evaluate the hazards within the space and for verification of Acceptable Entry Conditions			
Means for rescue and retrieval. Please note that only the SRS Fire Department may perform entry rescue.			
Non-Permit Required Confined Spaces			
Hazard evaluation methods including identification of the common physical and atmospheric hazards, work activities which could generate physical and/or atmospheric hazards, an oxygen-deficient or enriched atmosphere in Confined Spaces			
Non-Permit Required Confined Space Program			
Non-Permit Required Permits and approval(s). Must include major elements: work location, controls that are in place, and approvals.			
Methods to perform Atmospheric Testing and monitoring to evaluate the hazards within the space and for verification of Acceptable Entry Conditions			
Means for rescue and retrieval. Please note that only the SRS Fire Department may perform entry rescue.			
Confined Spaces in Construction Activities			
Detailed provisions requiring coordinated activities when there are multiple employers at the worksite to ensure hazards are not introduced into a confined space by workers performing tasks outside the space			
Evaluation of the work site by Competent Person to identify confined spaces to include permit required confined spaces			
Continuous atmospheric monitoring whenever possible			
Continuous monitoring of engulfment hazards			
Allowing for the suspension of a permit, instead of cancellation, in the event of changes from the entry conditions list on the permit or an unexpected event requiring evacuation of the space. The space must be returned to the entry conditions on the permit before reentry			

Table 18

Fire Protection (851.24, 851 Appendix A, 1910 Subpart L)	Yes	No	Page #
Approved, portable fire extinguishers are readily accessible and unobstructed	☐	☐	
Portable fire extinguisher selection and distribution is based on the classes of anticipated workplace fires and on the size and degree of hazard which would affect their use	☐	☐	
Portable fire extinguishers are inspected, maintained and tested at the required frequency	☐	☐	
Portable fire extinguishers are stored in the appropriate location and within the appropriate travel distance based on class of anticipated workplace fires and employees are familiar with the location	☐	☐	
Alternate equivalent protection is provided when portable fire extinguishers are removed from service for maintenance and recharging	☐	☐	
Training and educational programs are provided to employees at the required frequency	☐	☐	

Table 19

Hot Work-Grinding, Welding, Cutting and Brazing (1910 Subpart Q, 1926 Subpart J) Note: At SRS, a How Work Permit (HWP) will be required. The HWP will be provided by SRS during the development of the work package.	Yes	No	Page #
Exposure assessment	Complete table 7		
Employee training & qualification	☐	☐	
Personal protective equipment to be used by employees	☐	☐	
Respiratory protection	Complete table 3		
Hazard communication	Complete table 29		
Fire protection and prevention -Fire extinguishing equipment -Relocation of fire hazards -Designated safe location -Guards and coverings -Fire watch -Walls, floors, and ceilings -Enclosed spaces -Drums, pails, hollow structures, and other contains/contained flammable liquids, toxic or flammable substances	☐	☐	
Ventilation and protection	☐	☐	
Use of welding or flash screen	☐	☐	
Confined spaces (if applicable) -Ventilation -Monitoring -Arc welding electrodes and torch valves -Toxic materials	☐	☐	
Gas welding and cutting (if applicable) -Compressed gas cylinder management -Fuel gas and oxygen manifolds and hoses -Torches -Regulators and gauges -Oil and grease hazards	☐	☐	
Arc welding and cutting (if applicable) -Manual electrode holders -Welding cables and connectors -Ground returns and machine grounding -Shielding from arc flash	☐	☐	
Hot work in way of preservative coatings (if applicable) -Stripping -Air line respirators	☐	☐	
Resistance welding (if applicable)	☐	☐	

Table 20

Motor Vehicle Safety (851.24, 851 Appendix A, 1926 Subpart O) Note: Tractors, platform lifts and other similar specialized equipment powered by electric motor or internal combustion engine	Yes	No	Page #
Operator training & qualifications	☐	☐	
Vehicle maintenance/before use inspection, and safe operation program	☐	☐	
The availability of manufacturer's operator manual	☐	☐	
Use of safety devices i.e. seat belts, mirrors, flagman, signals	☐	☐	

Table 21

Demolition (1926 Subpart T)	Yes	No	Page #
Preparatory operations – demolition methods, necessary equipment, and measures to perform the work safely	☐	☐	
Preparatory operations – service lines shut off	☐	☐	
Preparatory operations – determination of hazardous chemicals, gases, explosives, and flammable materials to include testing and purging	☐	☐	
Preparatory operations – engineering survey by a competent person	☐	☐	
Appropriate guards/covers for wall and floor openings	☐	☐	
Walkways/ladders (if applicable)	Complete table 9		
Removal of materials	☐	☐	
Safe work practices for mechanical demolition (if applicable)	☐	☐	
	Complete table 13		
Personal protective equipment to be used by employees	☐	☐	
Methods to control Silica exposure (if applicable)	Complete table 27		

Table 22

Laser Use and Safety (ANSI Z136.1) Note: Requirements listed applicable for class 3B and 4 lasers.	Yes	No	Page #
Employee training	☐	☐	
Proper use, service and storage	☐	☐	
Identified laser safety officer	☐	☐	
Implementing engineering, administrative and procedural controls	☐	☐	
Personal protective equipment to be used by employees	☐	☐	
Use of protective barriers/warnings, signs and labels	☐	☐	
Medical surveillance (if applicable)	☐	☐	

Table 23

Drilling and Penetration	Yes	No	Page #
Depth control on tools that penetrate walls and floors	☐	☐	
Personal protective equipment to be used by employees	☐	☐	
Appropriate methods to monitor for drilling/cutting of materials	☐	☐	
Non-intrusive survey equipment to determine (if) contents behind surface penetration	☐	☐	
Use of visual inspection tools to determine the area behind determined penetration	☐	☐	
Completion of penetration briefing <i>TMAR7000</i>	☐	☐	

Table 24

Ergonomics (851 Appendix A, ACGIH)	Yes	No	Page #
Worksite Analysis Program including methods to recognize the problem, evaluate suspected jobs for possible risk factors and identify & evaluate causative factors	☐	☐	
Use of controls to eliminate or reduce risk factors associated with work-related musculoskeletal disorders (MSDs)	☐	☐	
Medical Management Program to encourage early reporting of symptoms by workers, provide ongoing surveillance and evaluation of related data, and offer appropriate health care for workers affected by MSDs	☐	☐	
Involvement of workers through training and education	☐	☐	

Table 25

Asbestos (1910.1001, 1926.1101) Note: in the State of South Carolina one must also comply with SCDHEC Regulation 61, 86.1, Standards of Performance for Asbestos Projects	Yes	No	Page #
Goal of the program: Controlling exposures below the Occupational Exposure Limits (OELs)	☐	☐	
Performing initial/baseline and periodic workplace monitoring	☐	☐	
Exposure assessments	Complete table 7		
Negative exposure assessments (if applicable)	☐	☐	
Establishment of Regulated Areas	☐	☐	
Implementing engineering controls and work practices	☐	☐	
Personal protective equipment to be used by employees	☐	☐	
Respiratory protection	Complete table 3		
Hygiene facilities	☐	☐	
Hazard communication	Complete table 29		
Employee information & training	☐	☐	
Medical surveillance	☐	☐	
Recordkeeping	☐	☐	
Housekeeping	☐	☐	
Prohibited activities	☐	☐	
Specifics for Roofing Materials (if applicable)	☐	☐	
Specifics for brake and clutch repair (if applicable)	☐	☐	
Specifics for floor cleaning (if applicable)	☐	☐	
Competent Person duties, inspections, and training	☐	☐	

Table 26

Lead (1910.1025, 1926.62)	Yes	No	Page #
Methods of compliance: Controlling exposures below the Permissible Exposure Limit (PEL)	☐	☐	
Performing initial/baseline and periodic workplace monitoring	☐	☐	
Exposure assessments	<i>Complete table 7</i>		
Implementing engineering controls and work practices	☐	☐	
Administrative controls	☐	☐	
Respiratory protection	<i>Complete table 3</i>		
Personal protective equipment to be used by employees	☐	☐	
Housekeeping	☐	☐	
Hygiene facilities and practices	☐	☐	
Hazard communication	<i>Complete table 29</i>		
Employee information and training	☐	☐	
Medical surveillance	☐	☐	
Medical removal protection	☐	☐	
Recordkeeping	☐	☐	

Table 27

Silica (ACGIH, 1910.1053, 1926.1153) Note: Table 1 provided by OSHA (1926.1153) may not be used in the Worker Protection Plan as it is based on the Permissible Exposure Limit (PEL) which is less conservative than the Threshold Limit Value (TLV) set by ACGIH.	Yes	No	Page #
Goal of the program: Controlling exposures below the Threshold Limit Value (TLV)	☐	☐	
Performing initial/baseline and periodic workplace monitoring	☐	☐	
Exposure assessments	<i>Complete table 7</i>		
Establishment of regulated areas	☐	☐	
Implementing engineering controls and work practices	☐	☐	
Personal protective equipment to be used by employees	☐	☐	
Respiratory protection (<i>if applicable</i>)	<i>Complete table 3</i>		
Written exposure control plan	☐	☐	
Medical surveillance	☐	☐	
Employee training	☐	☐	
Recordkeeping	☐	☐	
Housekeeping	☐	☐	

Table 28

Non-Ionizing Radiation (851 Subpart C, ACGIH)	Yes	No	Page #
Established procedures to identify existing and potential Non-Ionizing Radiation (NIR) hazards and assess the risk of associated workers' injury and illness	☐	☐	
Establish and implement hazard prevention and abatement process to ensure identified and potential NIR hazards are prevented or abated in a timely manner per the hierarchy of controls	☐	☐	
Develop and implement a worker safety and health training and information program to ensure that all workers exposed or potentially exposed to NIR hazards are provided with the training and information they need on those hazards in order to perform their duties in a safe and healthful manner	☐	☐	

Table 29

Hazard Communication (1910.1200)	Yes	No	Page #
Written hazard communication program to indicate how hazard communication will be addressed including a list or inventory of the hazardous chemicals present	☐	☐	
Labels and other forms of warning	☐	☐	
Safety data sheets must be maintained for each hazardous chemical in the workplace and readily accessible to employees	☐	☐	
Employee information and training	☐	☐	

Section V (Where Applicable):

Identify all specialized components applicable to the scope of work. Components identified as applicable must be reflected in the WPP and meet the requirements listed.

<i>Table A</i>			
Firearm Safety (851.24, 851 Appendix A)	Yes	No	Page #
Written program addressing inspection, safe use, storage, handling, cleaning, inventory, transporting, and maintenance of firearms and associated ammunition	☐	☐	
Notification and approval process prior to use of firearms on site	☐	☐	
Semi-annually/annually (as required by the NRA or equivalent training agency) provide documented proof that "shooter" has demonstrated proficiency in the use of firearms	☐	☐	
Pickup and disposal of misfires and/or spent shells	☐	☐	

<i>Table B</i>			
Explosives and Blasting Agents (851.24, 851 Appendix A)	Yes	No	Page #
General safety requirements, inspections and signals	☐	☐	
Roles and responsibilities of competent person	☐	☐	
Blaster qualifications	☐	☐	
Transporting and handling of explosives	☐	☐	
Storage of explosives and blasting agents	☐	☐	
Written blasting procedure/plan	☐	☐	
Method to address misfires	☐	☐	

<i>Table C</i>			
Pressure Safety (851.24, 851 Appendix A, ASME, BPVC)	Yes	No	Page #
All boilers or pressure vessels comply with the latest American Society of Mechanical Engineers Boilers and Pressure Vessel Codes standard or at a minimum meet the standards referenced in the latest version of 10 CFR 851 which includes any Technical Amendment(s) to 10 CFR 851	☐	☐	

<i>Table D</i>			
Excavations/Trenching/Soil Classification (851 Appendix A, 1926 Subpart P)	Yes	No	Page #
Employee training to include recognition and avoidance of hazards associated with excavations	☐	☐	
Competent person responsibilities with demonstrated knowledge, experience and authority	☐	☐	
Periodic inspections	☐	☐	
Methods to test soil and interpret test results	☐	☐	
Protective systems established based off soil classification	☐	☐	
Methods to control exposure to Silica (if applicable)	Complete table 27		

Table E

Concrete and Masonry Construction (1926 Subpart Q)	Yes	No	Page #
Employee training	☐	☐	
Methods to control Silica exposure (if applicable)	Complete table 27		
Concrete pump operations	☐	☐	
Concrete cutting operations	☐	☐	
Personal protective equipment to be used by employees	☐	☐	

Table F

Steel Erection (851 Appendix A, 1926 Subpart R)	Yes	No	Page #
Employee training by a qualified person	☐	☐	
Preparation – site layout, site-specific erection plans	☐	☐	
Pre-planning of overhead hoisting operations	☐	☐	
Crane use	☐	☐	
	Complete table 13		
Fall protection (if applicable)	Complete table 12		
Methods to protect employees from falling objects	☐	☐	
Continuously maintained structural stability	☐	☐	
Personal protective equipment to be used by employees	☐	☐	

Table G

Commercial Diving Operations (1910 Subpart T, 1926 Subpart Y)	Yes	No	Page #
Training or experience	☐	☐	
Dive team member assignments	☐	☐	
Designated person-in-charge with adequate experience and training in the conduct of the assigned diving operation	☐	☐	
Safe practices manual made available at the dive location to each dive team member	☐	☐	
Pre-dive, during and post-dive procedures	☐	☐	
Adequate equipment for the job including tagging or logging records	☐	☐	
Recordkeeping	☐	☐	

EMR & TRC Worksheet

Subcontractor Name: _____

Date of Submission: _____

1. Experience Modification Rate (EMR) – List your firm’s Worker’s Compensation Insurance interstate EMR for the immediate past three (3) years. (Use intrastate rating if interstate rating is not available).

Experience Modification Rate (EMR)			
Year		Rate	
Year		Rate	
Year		Rate	
3-year average			

2. OSHA Total Recordable Case Rate (TRC) – List your firm’s cumulative injury statistics rates below for the past three (3) full calendar years using the BLS formula to determine recordability. NOTE: TRC Rate is derived from the total number of injuries and illnesses related to a common exposure base of 100 full time workers. The common exposure base enables one to make accurate inter-industry comparisons, trend analysis over time, or comparisons among firms regardless of size. The rate is calculated as: $N \times 200,000 / EH$ (where N = total number of injuries and illnesses (recordable cases); 200,000 = base for 100 full time equivalent workers (working 40 hours per week, 50 weeks per year); and EH = total hours worked by all employees during the calendar year

OSHA Total Recordable Case Rate (TRC)							
Year		# recordable cases		Man-hours		Recordable rate	
Year		# recordable cases		Man-hours		Recordable rate	
Year		# recordable cases		Man-hours		Recordable rate	
3-year average							

3. Number of fatalities (previous three years and current year) _____

Note: Certain exemptions apply per 29 CFR 1904.1 (ten or fewer employees) and Non-Mandatory Appendix A to Subpart B of Part 1904 (partially exempt industries).

Qualifications

Per the requirements specified within the contract, the subcontractor shall designate on-site safety and industrial hygiene representation. The proposed individual(s) must meet minimum qualification requirements listed in the guidance document titled, "Onsite Safety and Health Staffing Requirements". Please note a **resume** or equivalent must be submitted for each proposed individual to demonstrate they meet the minimum qualifications.

Required Personnel

Reference OSR 1-126 for Safety & Industrial Hygiene staffing that apply to your contract.

Safety	
<i>Note: Select which level of representation applies to your contract.</i>	
Name	
Job Title	

Industrial Hygiene	
<i>Note: Select which level of representation applies to your contract.</i>	
Name	
Job Title	

1. Worker Protection Plan (WPP) Guidance

Overview

The subcontractor's Worker Protection Plan (WPP) is intended to reduce or prevent accidental losses, injuries, and illnesses by providing workers with a safe and healthful workplace. A WPP may be similar to a company's Safety and Health Plan but must be tailored to the specific work being performed by the subcontractor on the Savannah River Site property. WPPs accepted by SRNS must be in full compliance with 10 CFR 851 where applicable.

Instructions

1. Review the minimum program elements applicable to your SRS subcontract by using the completed WPP Checklist.
2. Review minimum program elements applicable to your SRS subcontract as they are found in 10 CFR 851 and other governing documents (OSHA, ACGIH, etc.).
 - a. NOTE: Your company is responsible to implement all applicable 851 requirements via your internal practices, policies, procedures, WPP and when applicable task specific plans. Your company will need to become familiar with these requirements.
3. Locate and review the Statement of Work (SOW), Statement of Work Clauses, Field Condition Form, and any other related documents that may include ESH requirements that need to be incorporated or reflected in your SRS Site Specific WPP.
4. Structure your WPP to reflect the minimum program elements identified in the WPP Checklist and any applicable additives.

Additional Notes

- If you have questions or need clarification you should contact the SRS buyer who will arrange a meeting with SRS safety personnel responsible for reviewing and accepting your WPP and other related safety submittals.
- If you do not understand the requirements or know how to prepare an acceptable WPP, then you should consult with your manager and seek assistance from your safety or human resource department/representative. If you don't have these resources within your company, you may need to seek an outside source to assist you in preparing your company's WPP and securing other related safety submittal documentation required by the subcontract.
- Once the WPP is complete and accepted, SRNS expects that you provide the necessary training and brief your employees on your SRS Specific Worker Protection Plan before they report to SRS to begin work. Make sure that project management is aware of and has a copy of the accepted documentation.

2. Onsite Safety and Health Staffing Requirements

As noted on the OSR 1-126 Subcontract Field Conditions Form

Safety Professional

The subcontractor's onsite Safety staff shall work closely with SRNS management to effectively implement the subcontractor's Worker Protection Plan and SRNS safety rules.

The subcontractor shall submit the Safety Professional's resume along with any applicable certifications to SRNS.

To qualify as a subcontractor Safety Professional, personnel will hold at least one (1) of the following:

- 1) Certified Safety Professional (CSP)
- 2) Associate Safety Professional (ASP)
- 3) Bachelor's degree or an Associate degree in Safety and Health through an accredited organization or one recognized by the American Society of Safety Professionals (ASSP).
- 4) A least three (3) years of full-time work experience in the field of safety and health.

The subcontractor Safety staff's duties may include, but are not limited to:

- Manage the subcontractor's safety program and implement the approved Worker Protection Plan consistent with 10 CFR 851 as well as all applicable required regulations.
- Interface with SRNS Safety and Health staff and the Subcontract Technical Representative (STR) to resolve safety and health issues.
- Ensure safety and health requirements have been identified and flowed down to all workers.
- Conduct safety and pre-job meetings as required.
- Attend all injury/incident fact finding meetings or other project related meetings as required.

Safety Representative

The subcontractor's onsite Safety staff shall work closely with SRNS management to effectively implement the subcontractor's Worker Protection Plan and SRNS safety rules.

The subcontractor shall submit the Safety Representative's resume along with any applicable certifications to SRNS.

To qualify as a subcontractor Safety Representative, personnel will hold at least one (1) of the following:

- 1) A minimum of thirty (30) hours of formal OSHA Safety and Health training or have one of the following certifications:
 - a. Occupational Hygiene and Safety Technician (OHST)
 - b. Construction Health and Safety Technician (CHST)
 - c. Safety Trained Supervisor (STS)
 - d. Safety Trained Supervisor Construction (STS-C)
 - e. Safety Management Specialist (SMS)
- 2) Twelve (12) months experience in Safety & Health with an understanding of 29 CFR 1926 and 29 CFR 1910.

The subcontractor Safety staff's duties may include, but are not limited to:

- Manage the subcontractor's safety program and implement the approved Worker Protection Plan consistent with 10 CFR 851 as well as all applicable required regulations.
- Interface with SRNS Safety and Health staff and the Subcontract Technical Representative (STR) to resolve safety and health issues.
- Ensure safety and health requirements have been identified and flowed down to all workers.
- Conduct safety and pre-job meetings as required.
- Attend all injury/incident fact finding meetings or other project related meetings as required.

2. Onsite Industrial Hygiene Staffing Requirements

As noted on the OSR 1-126 Subcontract Field Conditions Form

Industrial Hygiene Professional

The subcontractor's onsite Industrial Hygiene staff shall work closely with SRNS management to effectively implement the subcontractor's Worker Protection Plan and SRNS safety rules.

The subcontractor shall submit the Industrial Hygiene Professional's resume along with any applicable certifications to SRNS.

To qualify as a subcontractor Industrial Hygiene Professional, personnel will have the following:

- A baccalaureate degree, issued by an accredited college or university in industrial hygiene, engineering, chemistry, physics, biology, medicine or related physical and biological sciences and a minimum of three (3) years full-time industrial hygiene experience.

Note: A completed master's degree in a related physical or biological science, or in a related engineering discipline, may be substituted for one (1) year of the experience requirement; and a similar doctoral degree may be substituted for an additional year of the experience requirement.

The subcontractor's Industrial Hygiene staff's duties may include, but are not limited to:

- Producing or conducting exposure assessments.
- Determining appropriate sampling equipment and sampling methods.
- Demonstrating technical competency with industrial hygiene equipment.
- Maintaining industrial hygiene equipment.
- Developing equipment management files and conduct training on equipment.
- Notifying supervisors and personnel of sampling and monitoring results.
- Performing Industrial Hygiene surveys, sampling, studies, and investigations.
- Maintaining records such as exposure assessments, fit-test records, training, any medical surveillance information.

Industrial Hygiene Technician

The subcontractor's onsite Industrial Hygiene staff shall work closely with SRNS management to effectively implement the subcontractor's Worker Protection Plan and SRNS safety rules.

The subcontractor shall submit the Industrial Hygiene Technician's resume along with any applicable certifications to SRNS.

To qualify as a subcontractor Industrial Hygienist Technician personnel will meet one of the following:

- Associate degree in industrial hygiene
- Associate degree in an allied field and one (1) year experience under the supervision of an Registered Professional Industrial Hygienist (RPIH), Registered Industrial Hygienist (RIH), Certified Industrial Hygienist (CIH), or other health & safety professional.
- Have three (3) years of full-time experience under the supervision of an RPIH, RIH, CIH, or other health & safety professional.

The subcontractor's Industrial Hygiene staff's duties may include, but are not limited to:

- Determining appropriate sampling equipment and sampling methods.
- Demonstrating technical competency with industrial hygiene equipment.
- Maintaining industrial hygiene equipment.
- Developing equipment management files and conduct training on equipment.
- Notifying supervisors and personnel of sampling and monitoring results.
- Performing Industrial Hygiene surveys, sampling, studies, and investigations.
- Maintaining records such as exposure assessments, fit-test records, training, any medical surveillance information.

3. Task Specific Plan (TSP) Guidance

Overview

A Task Specific Plan (TSP) focuses on the tasks to be performed by the subcontractor, identifies the hazards that are present while performing those tasks, and identifies protective measures that will be put into place to reduce the hazards to an acceptable risk level. The TSP may sometimes be called a Job Hazard Analysis (JHA).

Instructions

The hazard analysis process is accomplished by utilizing the following five functions and incorporating your company's Worker Protection Plan, 10 CFR 851 and Safety and Health program elements included in your subcontract:

1. **Define** the Scope of Work
 - Look at a specific job as opposed to one large activity.
 - Ask for input from individuals who perform the job/activity on a regular basis.
 - Every movement or action that is taken by the people working, or the machines they are working with, should be documented.
2. **Analyze** the Hazards
 - What can go wrong while performing this task?
 - Why could things go wrong while performing this task?
 - What are other factors I might not normally think of?
 - How could equipment be damaged?
 - What are the consequences if something bad happens?
 - How might someone be hurt if something goes wrong?
3. **Develop** and Implement Hazard Controls
 - Elimination or substitution
 - Engineering controls
 - Work practices and administrative controls
 - Personal Protective Equipment
4. **Perform** the Work within Established Controls
5. **Provide** Feedback and Continuous Improvement

Below is a list of items to consider when preparing a TSP:

***NOTE: This list is not all-inclusive.**

Safety	Industrial Hygiene
• Stop Work/Time Out/Safety Pause • Slips/Trips/Falls • Electrical/Lockout-Tagout • Working from Heights • Moving Equipment – Lifts, Heavy Equipment etc. • Remote Worker • Access/Egress • Barricades • Fire/Ignition/Explosion	• Heat Stress • Noise • Ergonomics • Confined Space • Non-Ionizing Radiation • Silica, Asbestos, Lead, etc. • Radiation • Biohazards – Sewage, Non-Potable Water, etc. • Hot Work

4. Sample Task Specific Plan (TSP)

Work Tasks	Hazards	Controls
Scope of Work: Cleaning HVAC units or removal of visible surface contaminants and deposits		
Setting up the work area (i.e. collecting necessary tools and materials to do the job)	Sharps, pinch points, cuts, and abrasions from handling tools and materials	Wear appropriate PPE (i.e. safety glasses w/side shield, cut resistant work gloves, safety shoes, hardhats)
	Trips and falls	Install barricades and warning signs
Disassembly of HVAC unit	Cuts and abrasions from handling sharp metal panels	Wear appropriate PPE (i.e. safety glasses w/side shield, cut resistant work gloves, safety shoes, hardhats)
	Electrical shock from uninsulated electrical elements	Use HEC trained personnel to accomplish the work Wear required electrical PPE (i.e. dielectric work gloves, goggle, face shields, hazard rated coveralls)
Cutting access holes in ductwork	Cuts, punctures, and abrasions from cutting tools and cut materials	Wear appropriate PPE (i.e. safety glasses w/side shield, cut resistant work gloves, safety shoes, hardhats)
Cleaning grills and registers	Skin irritation caused by chemical cleaning agents	Nitrile gloves, chemical goggles
	Eye hazards from flying debris	Portable Eyewash Units (one per exposed worker)
Cleaning ductwork	Skin irritation caused by chemical cleaning agents	Nitrile gloves, chemical goggles
	Eye hazards from flying debris	Portable Eyewash Units (one per exposed worker)
Reassembly of HVAC Unit	Sharps, pinch points, cuts, and abrasions from handling tools and materials	Wear appropriate PPE (i.e. safety glasses w/side shield, cut resistant work gloves, safety shoes, hardhats)
Remove tools, excess materials and barricades	Sharps, pinch points, cuts, and abrasions from handling tools and materials	Wear appropriate PPE (i.e. safety glasses w/side shield, cut resistant work gloves, safety shoes, hardhats)

5. Local Medical Providers

Urgent/Prompt Care:	Hospitals:
<u>Piedmont Prompt Care at Silver Bluff</u> 1021 Silver Bluff Rd Aiken, SC 29803 Phone: (803) 648-0587	<u>Aiken Regional Medical Center</u> 302 University Parkway Aiken, SC 29801 Phone: (803) 641-5000
<u>Doctors Care – Aiken</u> 6167 Braided Mane Pass SW Aiken, SC 29803 Phone: (803) 648-1464	<u>Piedmont Augusta</u> 1350 Walton Way Augusta, GA 30901 Phone: (706) 722-9011
<u>Doctors Care – North Aiken</u> 1029 York St NE Aiken, SC 29801 Phone: (803) 648-4119	<u>Augusta University Medical Center</u> 1120 15 th St Augusta, GA 30912 Phone: (706) 721-2273
<u>Piedmont Prompt Care at Sweetwater</u> 107 Walnut Ln, Suite 102 North Augusta, SC 29880 Phone: (803) 202-7110	<u>Trinity Hospital of Augusta</u> 260 Wrightsboro Rd Augusta, GA 30904 Phone: (706) 481-7000
<u>Piedmont Prompt Care of Evans</u> 447 N. Belair Rd #101 Evans, GA 30809 Phone: (706) 854-2222	<u>Doctors Hospital of Augusta</u> 3651 Wheeler Rd Augusta, GA 30909 Phone: (706) 651-3232
<u>Evans Urgent Care and Family Medicine</u> 800 Oakhurst Dr Evans, GA 30809 Phone: (706) 364-5500	
<u>Martinez Urgent Care</u> 210 Oak Street Martinez, GA 30907 Phone: (706) 855-1755	