Subcontractor Name:       Project Title and Subcontract Number:

Description of planned activities/tasks for the scope-of-work for the entire project.

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| Hazard / Regulatory Requirements | ES&H Clause | Worker Information and Requirements |
| On or Near Equipment Greater than 600 Volts29 CFR 1910.178(g)NFPA 70 EANSI C2 201229 CFR 1910 Subpart S10 CFR 851 Appendix A, Section 10 | Electrical work shall be performed in accordance with NFPA 70, National Electric Code (2011), National Electrical Safety Code (NESC), ANSI C2, 2012, NFPA 70E, Standard for Electrical Safety in the Workplace (2012), 29 CFR 1910 Subpart S, and 29 CFR 1910.269. The Seller shall comply with 10 CFR 851 Appendix A, Section 10. Electrical Safety. Working on or near energized parts (parts that operate at 50 or more volts to ground or contain 5 or more Joules of stored electrical energy): 1) The Seller shall comply with National Fire Protection Association (NFPA) 70E when working on or near energized parts. 2) Prior to working on or near any energized parts, the Seller shall obtain, through the Technical Project Officer, or if there is none, the Procurement Officer, the advance approval of the responsible Company Level II Manager, of the Seller's plans and proposed activities. The Seller must allow in its scheduling for a reasonable amount of time to obtain said approval and ORNL shall not be responsible for any resulting delay, so long as ORNL's actions were reasonable. Seller is responsible, at no additional cost to ORNL, to provide qualified personnel and compliant personal protective equipment. | Workers shall ensure when working on or near energized parts (parts that operate at 600 or more volts to ground, the Seller shall:Perform work in accordance with: a. National Fire Protection Association (NFPA) 70E, Standard for Electrical Safety in the Workplace (2012), b. NFPA 70, National Electric Code (2011),c. ANSI C2 2012,d. 29 CFR 1910 Subpart S,e. 29 CFR 1910.269, andf. 10 CFR 851 Appendix A, Section 10 Electrical Safetyg. 29 CFR 1910.178(g) for Powered Industrial Truck battery charging stations. Obtain, through the Technical Project Officer, or if there is none, the Procurement Officer, the advance approval of the responsible Company Level II Manager, of the Seller’s plans and proposed activities. The Seller must allow in its scheduling for a reasonable amount of time to obtain approval and Company shall not be responsible for any resulting delay, so long as Company actions were reasonable. Seller is responsible, at no additional cost to Company, to provide qualified personnel and compliant personal protective equipment. |

**Subcontractor Activity Hazard Analysis (AHA)**

| Activity | Hazard | Controls |
| --- | --- | --- |
|       |       | **Elimination, substitution, engineering controls**:[ ]  HEPA-Filtered vacuum cleaner [ ]  Laboratory hood or glove box [ ]  Air Handler, HEPA filtered [ ]  Shrouded tool with HEPA filter [ ]  Continuous wetting (dust control) [ ]  Containment[ ]  Isolation [ ]  General Ventilation [ ]  Other Local Exhaust System:      Other: Specify below      |
| **Administrative controls** (work methods, training, medical, etc.):      |
| **Personal protective equipment** - specify the exact type of PPE (e.g. hearing protection device with minimum NRR of 20 dBA, Ansell Nitrile SOL-VEX gloves, etc.):      |

AHA Author:       Date:

ES&H/QHSP Representative Concurrence signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_

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| Technical Procurement Officer (TPO) signature indicates approval of activity-specific hazard controls identified in the subcontractor AHA. Printed Name/Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_  |