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 |
| Through Penetration of Fire Barrier | The Seller must ensure any through penetrations of fire rated wall, floor, ceiling assemblies are properly sealed with an approved fire stop system to maintain the fire resistance rating and integrity of the assembly. For purposes of this clause, the definition of fire stop is: A specific system, device, or construction consisting of the materials that fill the openings around penetrating items such as cables, cable trays, conduits, ducts, pipes, and their means of support through the wall or floor openings to prevent the spread of fire. Compensatory measures may be necessary (as determined by the UT-Battelle Fire Protection Engineering Group) during the time between when an opening is created in a fire barrier and the time it is fire stopped. | Workers shall ensure the fire stop system has been approved by the Subject Matter Experts at the COMPANY. The Technical Project Officer shall be contacted with questions or concerns.Workers shall install penetration systems as tested in an approved fire-resistance-rated assembly.Workers shall contact LSS Office (865.576.4LSS) in the event of an accident/emergency. |

**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:

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| --- |
| Technical Procurement Officer (TPO) signature indicates approval of activity-specific hazard controls identified in the subcontractor AHA. It is recommended that the applicable Qualified Health and Safety Professional (QHSP) be consulted, when the TPO is unfamiliar with the hazard, to assist in reviewing the adequacy of controls specified in this document.Printed Name/Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_  |