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EXHIBIT "H" QUALITY ASSURANCE REQUIREMENTS

QC-01B QUALITY ASSURANCE PROGRAM REQUIREMENTS FOR ONSITE SUBCONTRACTS (May 2012)

All work activities, including the purchase and inspection of any provided items intended for permanent installation (or spares), items ultimately intended for off-site shipment such as waste containers etc., or calibrated portable Measuring & Test Equipment (M&TE) being used in testing/calibration of permanently installed equipment, will be governed by the following sub-clauses that are marked with an 'X':

- For LANL designated ML-4 work only: All work activities associated with this Subcontract have been planned, reviewed, approved, and designated herein by CONTRACTOR under the controls of the LANL Quality Assurance (QA) Program defined in SD330, which is compliant with DOE Order 414.1D and 10 CFR 830 Subpart A. As such, applicable LANL QA Program requirements have been tailored to the scope of work of this Subcontract within the various Subcontract Exhibits for implementation by SUBCONTRACTOR. Thus, SUBCONTRACTOR is performing work under this Subcontract in accordance with the graded approach requirements of the LANL QA Program.

Consistent with a graded approach to the LANL QA Program, it is acceptable for SUBCONTRACTOR to directly procure/supply items as necessary in support of the scope of this Subcontract. SUBCONTRACTOR provided Measuring and Testing Equipment (M&TE), which requires calibration and is used on-site at LANL for the purpose of determining LANL item/process acceptability, must be coordinated with the LANL Standards & Calibration Laboratory (S&CL). As defined in LANL procurement quality procedures, any SUBCONTRACTOR supplied stand-alone circuit breakers and fasteners, and/or hoisting, lifting, and rigging equipment intended to be installed at LANL or otherwise remain at LANL for future use (i.e. spares), must have an Inspection Plan (Form 1952) completed by LANL project personnel and receive documented LANL QA Division receipt inspection approval prior to installation. Unless otherwise provided for in this subcontract, no other exceptions to the LANL QA Program are allowable unless specifically defined in an approved LANL Compensatory Action Plan.

Unless otherwise provided for in this subcontract, SUBCONTRACTOR is responsible for including (i.e. flowing down) the quality assurance requirements of this subcontract in its lower-tier subcontracts to the extent necessary to ensure SUBCONTRACTOR'S compliance with these requirements.

QC-27 SUSPECT/COUNTERFEIT ITEMS (Jun 2011)

- (a) A suspect item is one in which there is an indication by visual inspection, testing, or other information that it may not conform to established Government or industry-accepted specifications or national consensus standards. A counterfeit item is a suspect item that is a copy or substitute, without legal right or authority to do so, or one whose material, performance, or characteristics are knowingly misrepresented by the vendor, supplier, distributor, or manufacturer.
- (b) SUBCONTRACTOR warrants that all items, including their subassemblies, components, and parts, tendered to CONTRACTOR shall be genuine (i.e., not counterfeit), new and unused, and conform to the requirements of this subcontract, without substitution unless otherwise provided for within this subcontract or approved in writing by CONTRACTOR prior to delivery.
- (c) SUBCONTRACTOR further warrants that all components, parts, materials, and supplies incorporated into CONTRACTOR'S facilities or equipment by SUBCONTRACTOR, during performance of work at LANL, shall be genuine, new and unused, and original-equipment-

TSME Approved Ron Velarde Date 01/15/2020

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manufacturer items, without substitution unless otherwise provided for within this subcontract or approved by CONTRACTOR in writing as suitable for the intended purpose prior to use.

- (d) As part of the foregoing warranties, SUBCONTRACTOR also certifies that all labels and/or trademarks or logos affixed, or designed to be affixed; to items supplied or delivered to CONTRACTOR, and to certifications, affirmations, information, or documentation related to the authenticity and quality of items supplied or delivered to CONTRACTOR under this subcontract, are genuine.
- (e) Falsification of information or documentation may constitute criminal conduct; accordingly, SUBCONTRACTOR grants CONTRACTOR the right to temporarily segregate items, and related paperwork, that are suspected to be S/CI, pending a determination by National Nuclear Security Administration (NNSA) or Department of Energy (DOE) officials whether the segregated items should be impounded as evidence.
 - (1) In the event NNSA/DOE directs CONTRACTOR to impound the segregated items, no liability shall be asserted or enforceable against CONTRACTOR, NNSA, or DOE because of the impoundment, all such liability being expressly waived by SUBCONTRACTOR or any person claiming any right or interest under this subcontract in the impounded items.
 - (2) CONTRACTOR shall incur no liability for failure to return impounded items to SUBCONTRACTOR and does not assume any liability for loss or damage to the items impounded or temporarily segregated pursuant to this clause regardless of the circumstances under which said loss or damage may have occurred, and whether the impounded or temporarily segregated items are in CONTRACTOR'S possession or under its control.
- (f) Nothing in this clause shall limit CONTRACTOR'S right to reject S/CI, and related paperwork, as nonconforming, to deny payment for such items, to return such items to SUBCONTRACTOR once NNSA/DOE has released the items, or to assert other remedies provided under this subcontract or by law

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QUESTIONS/ANSWERS FROM EXHIBIT H WORKFLOW THAT GENERATED EXHIBIT H

NOTE 1: For Non-Catalog iProcurement orders, the information on these pages concerning the questions/answers of the Exhibit H Workflow (that resulted in the Exhibit H) should be left in place when forwarded to ASM Procurement. These questions/answers are intended for ASM's information but are not intended to be included with the Exhibit H sent to the Vendor. ASM should separate this information from the Exhibit H prior to including the Exhibit H as part of the purchase document.

NOTE 2: For Catalog (BOA) orders, the information on these pages concerning the questions/answers of the Exhibit H Workflow (that resulted in the Exhibit H) should be separated by the Originator/Requester/Designated Procurement Representative (DPR) from the Exhibit H clauses prior to attaching in iProcurement.

NOTE 3: When the WPA workflow question, "Is item and/or service to be provided from another DOE M&O contractor site (i.e. is this an ICO)?" is answered as "Yes", then only a subset of the total amount of workflow process questions needs to be answered (Originator name, TSME name, requisition #, generic item/service description, attached file [optional], ML, and ICO = Yes). The Exhibit H will be generated with a single quality clause intended for ICO's (i.e. QC-01C).

1. **Does the Item or Service to be furnished under this subcontract potentially affect nuclear or radiological safety?**
No

2. **Originator / Requester:**
235657 - Bonnie, Amanda

3. **Requisition No.:**
685798

4. **Would you like a QSME to review and approve the information submitted?**
No

5. **Would you like to add any other supporting documentation?**
0 files uploaded

6. **Technical SME:**
114493 - Velarde, Ron

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7. **Would you like to add any other supporting documentation?**
0 files uploaded
8. **Type-in a generic item/service description:**
Install and maintain CTS-2 systems as outlined in the SOW
9. **Is work described under this subcontract being performed on- and/or off-site? Select all that apply.**
On-Site
10. **Does the scope of this subcontract provide items and/or services? Select all that apply.**
Items,Services
11. **Attach description documents from files (Exhibit D, Vendor catalog, Vendor Quote, etc.):**
0 files uploaded
12. **Quality SME:**
No Answer
13. **What is the Management Level (ML) of the service or item(s) provided under this subcontract?**
ML-4
14. **Do the items provided under this subcontract include any of the following?**
N/A
- 14.a. **Is hoisting, lifting and/or rigging (HLR) one of the following types, such that a Certificate of Proof Test [CPT] shall be provided?**
No Answer
15. **Is item and/or service to be provided from another DOE M&O contractor site (ie. is this an ICO)?**
No

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- 16. Is this procurement for weapon or weapon-related services, materials, supplies, or components (i.e., subject to QC-1 quality requirements)?**
No

- 17. Is this a Staff Augmentation Contract?**
No

- 18. Does the service to be conducted under this subcontract involve providing calibration certification for new or existing M&TE?**
No

- 19. Is a Certificate of Conformance (C of C) required for the item(s) provided under this subcontract?**
No

- 20. The Certificate of Conformance (CoC) will be traceable to the subcontract and describe the item, including applicable requirement documents. Do you require the CoC include any additional information?**
No Answer

- 20.a. You have indicated the need for specific content on the CoC. Please complete the following statement which will appear in the subcontract clauses.
The C of C shall specifically certify that:**
No Answer

- 21. Are Certified Material Test Reports (CMTRs) required to be provided?**
No

- 22. Is traceability to raw materials required to be provided?**
No

- 23. Is Measurement and Test Equipment provided by the Subcontractor for testing/certification of an on-site structure, system or component?**
No

- 24. Do you require any of the following requirements/submittals? Select all that apply.**
N/A

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24.a. You have selected Inspection and/or Test Reports. Do you require specific reports or specific report information to be included?

No Answer

24.a.1. You have indicated the need for additional reports to be provided. Please complete the following statement which will appear in the subcontract clauses.

In addition, the following specific reports shall be provided:

No Answer

25. Does the work involve environmental remediation for which an administrative record is required?

No

26. Do the item(s) being supplied under this subcontract have any special handling, storage, shipping or packaging requirements?

No

27. Do the item(s) being supplied under this subcontract have any special serialization and/or marking of lot numbers required?

No

28. Is item a DOT/UN container?

No

29. Is the subcontractor providing design services?

No

30. Is the Subcontractor implementing a LANL-controlled design?

No

31. Does statement of work include on-site welding?

No

32. Is item a chemical for which a Certificate of Analysis (CoA) is required?

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QUESTIONS/ANSWERS FROM EXHIBIT H WORKFLOW THAT GENERATED EXHIBIT H

No

33. Is a LANL review of the subcontractor's design required prior to implementation of the design?

No

34. Does the statement/scope of work include special processes?

No

35. Does work require LANL review/approval of manufacturing, inspection, and/or test procedures?

No

36. Do you require First Article Inspection review?

No

37. Does work require witness and/or hold points (ie. source inspection) at the subcontractors facility prior to shipment?

No

38. Do you potentially require a LANL representative to be resident at the Subcontractor facility?

No

39. Does the item have shelf life concerns or special storage requirements?

No

40. Is 10 CFR 21 defects and non-compliance reporting required?

No

41. Does work scope require compliance with IBC (International Building Code)?

No

42. Does procurement potentially require the subcontractor to provide nuclear grade HEPA filters for on-site use?

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No

43. Does the item or service involve Safety Software or Risk Level 1 or 2 Software per P1040, Software Quality Management?

No

43.a. You have indicated that the procurement involves software in scope of P1040. Please select the documentation you require the vendor to provide:

No Answer

44. Do you require supplier to maintain records of the scope of work covered by this subcontract beyond the duration of the subcontract?

No

44.a. You have indicated you desire the subcontractor to maintain records on behalf of the Laboratory for a period beyond the completion of work. Please specify for how many years the records are to be maintained by the Subcontractor:

No Answer

45. Is it required to have a vendor QAP for this procurement?

No

45.a. Please provide the approval date for vendor QAP approved by LANL as documented on the IESL or if not an IESL company, enter the date from the correspondence sent to the Vendor indicating QAP approval. If this will be a competitive bid process or the Vendor QAP is not yet approved, enter "TBD" instead of a date:

No Answer

46. If a LANL approved Vendor's QAP is not being implemented for On-site work, select whether work will be conducted On-Site under the LANL QAP (SD330) or a Compensatory Plan Action Plan (if no On-Site work is involved or if Vendor is working to their approved QAP, select N/A).

N/A