

Part I – The Schedule

Section H

Special Contract Requirements

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H-1 Pacific Northwest National Laboratory Land/Facilities

DOE agrees to furnish and make available to the Contractor, for the performance of work under this Contract, the Laboratory land/facilities designated as follows:

- (a) The Government-owned or leased land, buildings, utilities, equipment and other facilities situated at the Pacific Northwest National Laboratory Site at Richland, Benton County, Washington and Sequim, Clallam County, Washington; and
- (b) Government-owned or leased facilities at such other locations as may be approved by DOE for use under this Contract.

DOE reserves the right to make part of the above-mentioned land or facilities in paragraphs (a) and (b) available to other Government agencies or other users on the basis that the responsibilities and undertakings of the Contractor will not be unreasonably interfered with.

In order to assure non-interference on Battelle-retained lands, the following shall be recorded within the deed language:

- (1) Grantee is prohibited from undertaking any activity that is prohibited on this property by the Richland Municipal Zoning Regulations in effect in 2021. This property was zoned B-RP, Business Research Park, and as such, grantee is permanently restricted from undertaking any activity prohibited by these standards unless specifically waived by the Department of Energy.
- (2) No change in local zoning regulations or the zoning on this property shall alter these restrictions.
- (3) The intent of this restriction is to avoid any interference with the operation of the Pacific Northwest National Laboratory.

Before exercising its right to make any part of the land or facilities available to another agency or user, DOE will confer with the Contractor.

Unless otherwise authorized by this Contract or as agreed to by the Parties, the Contractor agrees to provide to DOE the exclusive use of the Contractor-owned facilities and the beneficial use of the Contractor-owned land for the operations of the Pacific Northwest National Laboratory, in accordance with the rights and obligations set forth in Section J, Appendix I, Advance Agreement on Costs and Associated Use of Battelle Owned Facilities and Real Property.

A list of current approved Government-owned and leased and Contractor-owned and Contractor-leased Laboratory land/facilities is contained in Section J, Appendix H – List of Approved Laboratory Land/Facilities (Owned and Leased).

Subject to mutual agreement land/facilities may be authorized or removed in the performance of the work under this Contract.

The Contractor may use the above-mentioned Government-owned or leased land, facilities and property in its custody under this Contract to conduct research and development activities under the Contract Clause entitled "Non-Federal Agreements for Commercializing Technology (Pilot)".

(End of Clause)
[M1414]

H-2 Source and Special Nuclear Materials

The Contractor shall comply with all applicable regulations and instructions of DOE relative to the control of and accounting for source and special nuclear material (as these terms are defined in applicable regulations). The Contractor shall make such reports and permit such inspections as DOE may require with reference to source and special nuclear materials. The Contractor shall take all reasonable steps and precautions to protect such materials against theft and misappropriations and to minimize all losses of such materials. The Contractor shall also submit to DOE, as requested for all specified nuclear materials, the annual Nuclear Materials Inventory Assessment and the Nuclear Materials Forecast.

(End of Clause)

H-3 Workers' Compensation

- (a) Pursuant to State of Washington Revised Code (RCW) Title 51, the Department of Energy (DOE), Richland Operations Office (RL) is a group self-insurer for purposes of workers' compensation coverage. The coverage afforded by those workers' compensation statutes shall, for work under this Contract in the state of Washington, be subject to the following:
- (1) Under the terms of a Memorandum of Understanding (MOU) with the Washington Department of Labor and Industries (L&I), DOE has agreed to perform all functions required by self-insurers in the State of Washington. While this MOU is in effect, the Contractor is not required to pay for workers compensation coverage or benefits except as otherwise provided below or as directed by the Contracting Officer.
 - (2) The Contractor shall submit to DOE (or other party as designated by DOE for transmittal to the L & I), such payroll records required by the workers compensation laws of the State of Washington.
 - (3) The Contractor shall submit to DOE (or other party as designated by DOE), for transmittal to the Department, the accident reports provided for by RCW Title 51, Section 51.28.010, or any other documentation

requested by DOE or the L&I pursuant to the workers compensation laws of the State of Washington.

- (4) The Contractor shall take such action, and only such action, as DOE requests in connection with any accident reports, including assistance in the investigation and disposition of any claim thereunder and, subject to the direction and control of DOE, the conduct of litigation in the Contractor's own name in connection therewith.
 - (5) Under RCW Title 51.32.073, DOE is the self-insurer and is responsible for making quarterly payments to the State Department of L&I. In support of this arrangement, the Contractor is responsible for withholding appropriate employee contributions and forwarding on a timely basis these contributions plus the employer-matching amount to DOE.
 - (6) The workers' compensation program shall operate in partnership with Contractor employee benefits, risk management, and environmental, safety, and health management programs. The Contractor shall cooperate with DOE for the management and administration of DOE, Richland Operations Office (RL) self-insurance program that provides workers' compensation benefit coverage to Contractor employees at PNNL.
 - (7) The Contractor must certify to the accuracy of the payroll record used by the Department in establishing the self-insurance claims reserves, and cooperate with any state audit.
 - (8) The Contractor shall submit to the Contracting Officer, a yearly evaluation and analysis of workers' compensation cost as a percent of payroll compared with the percentage of payroll cost reported by a nationally recognized Cost of Risk Survey that has been pre-approved by the Department (once DOE has provided the Contractor with the necessary data to perform the analysis required in this paragraph).
- (b) The Contractor will provide statutory worker's compensation coverage for staff members performing work under this Contract outside of the State of Washington and not otherwise covered by the State of Washington worker's compensation laws.
 - (c) Subcontractors performing work under this Contract on behalf of the Contractor are not covered by the provision of the Agreement referenced in (a)(1) of this clause. The Contractor shall flow-down to its subcontractors the requirement to provide statutory worker's compensation coverage for the subcontractor's employees. The Contractor shall have no responsibility for subcontractor worker's compensation when it includes this requirement in the subcontract.

(End of Clause)

H-4 Contractor Acceptance of Notices of Violation or Alleged Violations, Fines, and Penalties

- (a) The Contractor shall accept, in its own name, service of notices of violation or alleged violations (NOVs/NOAVs) issued by Federal or State regulators to the Contractor resulting from the Contractor's performance of work under this Contract, without regard to liability. The allowability of the costs associated with fines and penalties shall be subject to the other provisions of this Contract.
- (b) The Contractor shall notify DOE promptly when it receives service from the regulators of NOVs/NOAVs and fines and penalties.

(End of Clause)

H-5 Allocation of Responsibilities for Contractor Environmental Compliance Activities

- (a) The Parties commit to full cooperation with regard to acquiring any necessary permits or licenses required by environmental, safety and health (ES&H) laws, codes, ordinances, and regulations of the United States, states or territories, municipalities or other political subdivisions, and which are applicable to the performance of work under this Contract. It is recognized that certain ES&H permits will be obtained jointly as co-permittees, and other permits will be obtained by either party as the sole permittee. The Contractor, unless otherwise directed by the Contracting Officer, shall procure all necessary non-ES&H permits or licenses.
- (b) This clause allocates the responsibilities of DOE and the Contractor, referred to collectively as the "Parties", for implementing the environmental requirements at facilities within the scope of the Contract. In this Clause, the term "environmental requirements" means requirements imposed by applicable Federal, State, and local environmental laws and regulations, including, without limitation, statutes, ordinances, regulations, court orders, consent decrees, administrative orders, or compliance agreements, including the *Hanford Federal Facility Agreement and Consent Order*, consent orders, permits, and licenses.
- (c) (i) Liability and responsibility for civil fines or penalties arising from or related to violations of environmental requirements shall be borne by the party causing the violation irrespective of the fact that the cognizant regulatory authority may assess any such fine or penalty upon either party or both Parties without regard to the allocation of responsibility or liability under this Contract. This contractual allocation of liability for any such fine or penalty is effective regardless of which party signs permit applications, manifests, reports, or other required documents, is a permittee, or is the named subject of an enforcement action or assessment of a fine or penalty. The allowability of the costs associated with fines and penalties

assessed against the Contractor shall be subject to the other provisions of this Contract.

- (ii) In the event that the Contractor is deemed to be the primary party causing the violation, and the costs of fines and penalties proposed by the regulatory agency to be assessed against the Government (or the Government and Contractor jointly) are determined by the Government to be presumptively unallowable if allocated against the Contractor, then the Contractor shall be afforded the opportunity to participate in negotiations to settle or mitigate the penalties with the regulatory authority. If the Contractor is the sole party of the enforcement action, the Contractor shall take the lead role in the negotiations and the Government shall participate and have final authority to approve or reject any settlement involving costs charged to the Contract.
- (d) DOE agrees that if bonds, insurance, or administrative fees are required as a condition for permits obtained by the Contractor under this Contract, and the Contractor has been directed in by the Contracting Officer to obtain such permits after the Contractor has notified the Contracting Officer of the costs of complying with such conditions, such costs shall be allowable. In the event such costs are determined by DOE to be excessive or unreasonable, DOE shall provide the regulatory agency with the acceptable form of financial responsibility. Under no circumstances shall the Contractor be required to provide any corporate resources or corporate guarantees to satisfy such regulatory requirements.

(End of Clause)

H-6 Other Intellectual Property Related Matters

(a) Transfer of Patent Rights to a Successor Contractor

As consideration for the Contractor's commitment to expend private monies in its privately-funded technology transfer effort under this Contract at a level at least commensurate with such expenditures under its prior contracts, including an average of five hundred thousand dollars (\$500,000) per year for activities under the privately-funded technology transfer program which includes a combination of the filing of an average of 7 patent applications, and no fewer than 5, per year during the period of this Contract, including expenses related to the patenting, marketing, licensing and development of Subject Inventions, the Parties agree that at the termination or expiration of this Contract, the following terms and conditions shall apply to Subject Inventions which were elected to be pursued under the Contractor's privately-funded technology transfer program, and to the licenses and royalties generated therefrom: **[M881]**

- (1) In the event Contractor has executed a license, assignment or other commercialization agreement to a Subject Invention prior to termination or expiration of this Contract in which royalties, fees, equity or other consideration is to be or has been paid (hereinafter "agreement"), the

distribution of net income from royalties, equity, or any other consideration received or to be received under such agreement shall remain as prior to Contract termination or expiration and shall continue for the duration of such agreement. As set forth in paragraph (d) below, fifty-one percent (51%) of such net income shall go to the Successor Contractor at the Facility for use at the Facility pursuant to its contract or, in the absence of a Successor Contractor, to such other entity designated by the Government, and forty-nine percent (49%) may be retained by the Contractor for use in accordance with 35 USC Section 200 et seq. Administration of agreements related to such Subject Invention, shall remain with the Contractor. Title to such Subject Invention shall remain with the Contractor provided the Contractor has fulfilled the commitments set forth in paragraph (a) above. If the Contractor has not fulfilled the commitments set forth in paragraph (a) above, upon request, title to such Subject Invention shall be transferred to the Successor Contractor, or such other entity designated by the Government.

- (2) In the event Contractor has not executed an agreement (as defined in paragraph (1) above) to a Subject Invention, upon request, title to such Subject Invention shall be transferred to the Successor Contractor, or to such other entity designated by the Government, unless Contractor can demonstrate that it has expended at least twenty thousand dollars (\$20,000) of private monies in its privately funded technology transfer program toward the patenting, licensing, marketing and/or development of such Subject Invention, and the Contractor has fulfilled the commitments set forth in paragraph (a) above. In the event Contractor retains title to a Subject Invention under this paragraph, the distribution of royalties, fees, equity or other consideration from such agreement shall be as set forth in paragraph (1) above.
- (3) In the event Contractor retains title to Subject Inventions under paragraphs (1) or (2) above, and executes an agreement (as defined in paragraph (1) above) to such Subject Inventions after the termination or expiration of this Contract, the distribution of royalties, fees, equity or other consideration from such agreement shall be as set forth in paragraph (1) above.
- (4) The Contractor and the Government shall enter negotiations prior to such termination or expiration with respect to retention of the title to Subject Inventions. Such negotiations shall consider the equities of the Parties with respect to each Subject Invention and shall take into consideration the presence of private investment, DOE's need for continued operation of the Facility, potential commercial use, assumption of patent related liabilities, effective technology transfer, and the need to market the technology. Such negotiations shall not change the disposition of title provided for in

paragraphs (1) and (2) above unless mutually agreed by the Contractor and the Government.

- (5) For any Subject Invention to which the Contractor maintains title or administration of an agreement under paragraphs (a)(1)-(2) above, the Contractor agrees that, to the extent it is able to do so in view of prior licenses or assignments, it will negotiate in good faith to enable the Successor Contractor to practice such subject invention in the form of CRADAs, Strategic Partnerships Projects agreements, licenses or other appropriate agreements, in order to fulfill the missions and programs of the Facility. It is the intention of the Contractor to enable the Successor Contractor to continue operation of the Facility, including the Facility's technology transfer program. In any event, the Successor Contractor retains the nonexclusive royalty-free right to practice the Subject Invention on behalf of the U.S. Government.

(b) Costs

- (1) Except as otherwise specified in the clause of this Contract entitled, "Technology Transfer Mission," as allowable costs for conducting activities pursuant to provisions of that clause, no costs are allowable as direct or indirect costs for the preparation, filing, or prosecution of patent applications or the payment of maintenance fees or licensing and marketing costs after the Contractor elects to pursue commercialization of a Subject Invention under its privately-funded technology transfer program pursuant to paragraph (f) below. Should the Contractor make such election after allowable costs have been incurred with respect to the patenting of a particular Subject Invention, such costs shall be repaid from private funds concurrent with such election. [M1067]

(c) Liability of the Government

- (1) It is understood that the privately-funded technology transfer activities of the Contractor under this clause are not subject to the clause entitled, "Insurance-Litigation and Claims."
- (2) The Contractor shall not include in any license agreement or assignment any guarantee or requirement, which would obligate the Government to pay any costs or create any liability on behalf of the Government.
- (3) The Contractor shall include in all licensing agreements and in any assignment of title the following clauses unless otherwise approved or directed by the Contracting Officer following consultation with the DOE Patent Counsel:

- (i) “This agreement is entered into by Battelle Memorial Institute (BMI) in its private capacity. It is understood and agreed that the U.S. Government is not a party to this agreement and in no manner whatsoever shall be liable for nor assume any responsibility or obligation for any claim, cost or damages arising out of or resulting from this agreement or the subject matter licensed assigned.”

 - (ii) “Nothing in this Agreement shall be deemed to be a representation or warranty by the U.S. Government of the validity of any of the patents or the accuracy, safety, or usefulness for any purpose, of any TECHNICAL INFORMATION, techniques, or practices at any time made available by BMI. The U.S. Government shall have no liability whatsoever to LICENSEE or any other person for or on account of any injury, loss, or damage of any kind or nature sustained by, or any damage assessed or asserted against, or any other liability incurred by or imposed upon LICENSEE or any other person, arising out of or in connection with or resulting from:
 - (A) The production, use, or sale of any apparatus or product, or the practice of the INVENTIONS;

 - (B) The use of any TECHNICAL INFORMATION, techniques, or practices disclosed by BMI; or

 - (C) Any advertising or other promotional activities with respect to any of the foregoing, and LICENSEE shall hold the U.S. Government harmless in the event the U.S. Government is held liable. BMI represents that it has the right to grant all of the rights granted herein, except as to such rights as the Government of the United States of America may have or may assert.”
- (d) Distribution of net income

In the event the Contractor engages in a privately funded technology transfer program under the clause of this Contract entitled, “Patent Rights – Management and Operating Contracts, Nonprofit Organization or Small Business Firm Contractor” or the clause of this Contract entitled, “Rights in Data – Technology Transfer, ” such that private funds are utilized for technology transfer after the Contractor elects to pursue privately-funded commercialization of a Subject Invention or after the Contractor has received permission from the Contracting Officer to assert statutory copyright in a software program and received DOE approval to commercialize such software under its privately funded technology transfer program under paragraph (h) below, net income from such privately funded technology transfer program shall be distributed as follows:

- (1) Fifty-one percent (51%) of net income shall be used at the Facility for scientific research, development and education consistent with the research and development mission and objectives of the Facility. Forty-nine percent (49%) of such net income may be used by the Contractor at a location other than the Facility if such use is for scientific research, development, and education consistent with the research and development mission and objectives of the Facility in accordance with 35 USC Section 200 et seq.
 - (2) "Net income" is defined as that amount remaining after the expense of patenting costs, licensing and marketing costs, payments to inventors, and other expenses incidental to the administration of Subject Inventions is deducted from gross income received.
- (e) Equity Plan
- It is the intent of the Government and the Contractor that the Contractor shall, in its discretion, take reasonable and prudent actions from both a commercial and stewardship of the Facility's technology transfer perspective related to the ownership of equity received from third parties under this Contract. The Contractor shall submit to the Contracting Officer a plan, which shall set forth principles for the Contractor's acquisition, retention and disposition of equity received from third parties as consideration for licenses or assignments granted to such third party. Such plan shall consider, at a minimum,
- (1) the manner in which the Contractor shall acquire such equity in a third party, including the manner in which the Contractor shall apportion capital contributions to such third party between the relative value of private Contractor contributions and the value of contributions representing a license under a Subject Invention;
 - (2) the manner in which the Contractor shall hold such equity, given that the Government has an undivided 51% interest in that portion of such equity representing the value of contributions resulting from a license to such Subject Invention;
 - (3) the manner in which the Contractor shall dispose of such equity, giving due consideration to the potential for a conflict of interest between the interests of the Government and the Contractor; and
 - (4) the manner in which the Contractor's inventors are compensated.
- (f) The Contractor shall indicate whether a Subject Invention will be pursued under its government-funded technology transfer program or its privately-funded technology transfer program within six (6) months after the Subject Invention is reported to the Contractor, unless otherwise agreed in writing by the DOE Patent

Counsel.

- (g) In its privately-funded technology transfer program, the Contractor shall be substantially guided by the principles of U.S. Competitiveness and Fairness of Opportunity as set forth herein.
- (h) When requesting approval from DOE to assert statutory copyright in a particular software package pursuant to the clause entitled “Rights in Data—Technology Transfer”, Contractor may request that commercialization of such software proceed under the provisions of this Clause. If approved, no costs of such commercialization thereafter shall be allowable, and the proceeds of such commercialization shall be treated in accordance with paragraph (a) above as if such proceeds had resulted from the commercialization of a Subject Invention.

(End of Clause)
[M1067]

H-7 Continued Improvement Initiative

It is the intent of the Parties to continue to work together during the term of this Contract to develop and implement innovative approaches and techniques for improving Contractor performance and Contract administration. This initiative for continued improvement will focus on improving Contractor efficiency and effectiveness, enhancing Contractor accountability, gaining savings in Laboratory programs, improving cost-effective management of risks, and increasing efficiencies in Federal oversight of the Contract. Areas that the Parties will evaluate, include, but are not limited to, the following:

- (a) Management/reduction of mandatory Hanford Site Services and ensure cost allocation equity;
- (b) Policies and procedures related to the Technology Transfer mission of the Laboratory; and
- (c) Incentive Compensation and/or other enhancements to variable pay programs.

(End of Clause)
[M881]

H-8 Standards of Contractor Performance Evaluation

- (a) Use of objective standards of performance, self-assessment and performance evaluation
 - (1) The Parties agree that the Contractor will utilize a comprehensive performance-based management approach for overall Laboratory

management. The performance-based management approach will include the use of standardized performance goals and objectives as the measurement basis against which the Contractor's overall performance of the scientific and technical mission obligations under this Contract will be assessed. The performance criteria will focus on results to drive improved performance and increased effective and efficient management of the Laboratory.

- (2) The Parties agree to utilize the process described within Section J, Appendix E "Performance Evaluation and Measurement Plan" (PEMP) to evaluate the performance of the Laboratory. The Parties further agree that the evaluation process described in Appendix E will be reviewed annually and modified, if necessary, by agreement of the Parties. If agreement of the Parties cannot be reached, the Contracting Officer has the unilateral right to establish the evaluation process.
- (3) The Parties agree that the Contractor will conduct an ongoing self-assessment process as a principal means of determining its compliance with the Contract Statement of Work and performance objectives identified within Section J, Appendix E. To assist the DOE in accomplishing the appropriate level of oversight, the Contractor shall work in partnership and cooperation with DOE and other external organization, as appropriate, in the self-assessment process. This work includes, but is not limited to, the development and execution of self-assessments and the utilization of the results for continuous improvement.
- (4) The Contractor shall provide formal status briefings for performance against Appendix E, as agreed to by the Laboratory Director and the Manager, PNSO. **[M813]**
- (5) DOE, as a part of its responsibility for oversight, evaluation, and information exchange, shall provide an annual programmatic appraisal and other appraisals, and reviews of the Contractor's performance of authorized work in accordance with the terms and conditions of this Contract. The Office of Science, through the PNSO, has the lead responsibility for oversight of the programs and activities conducted by the Contractor.
- (6) The Contracting Officer shall annually provide a written assessment of the Laboratory's performance to the Contractor, which shall be based upon the process described in Appendix E. The Parties acknowledge that the performance levels achieved against the specific performance objectives and measures shall be the primary, but not sole, criteria for determining the Contractor's final performance evaluation and rating for each goal. The Contractor's self-assessment results, to include results of any third party reviews which may have been conducted during the evaluation

period, will be considered at all levels to assess and evaluate the Contractor's performance. The Contracting Officer may also consider other relevant information not specifically measured by the objectives and measures established within Appendix E that is deemed to have an impact (either positive or negative) on the Contractor's performance. Other relevant information that may be used by the Contracting Officer may include, but is not limited to, information gained from peer reviews, operational awareness, outside agency reviews (i.e., OIG, GAO, DCAA, etc.) conducted throughout the year, annual reviews (if needed), and DOE "for cause" reviews. With exception of "for cause" reviews, the DOE Pacific Northwest Site Office will conduct no more than one management and operations review per year. The on-site portion of such reviews will normally last no more than two weeks.

- (b) Standards of performance measure review
- (1) The Parties agree to review the PEMP elements (measurement basis and performance measures/targets) contained in Appendix E annually and to modify them upon the agreement of the Parties; provided, however, that if the Parties cannot reach agreement on all the measurement basis and/or performance measures/targets for the next period, the Contracting Officer shall have the unilateral right to establish reasonable new measurement basis and/or performance measures/targets and/or to modify and/or delete existing measurement basis and/or performance measures/targets of performance. It is expected that the measurement basis and performance measures/targets for objectives will be modified by the Contractor and the DOE as new areas of emphasis or priorities emerge which the Parties may agree warrant recognition in the performance-based integrated management approach.
 - (2) Failure to include an objective or performance measure/target in the Contract Appendix E does not eliminate the Contractor's obligation to comply with all applicable terms and conditions as set forth elsewhere within the Contract.
 - (3) In the event the Contracting Officer or HCA decides to exercise the rights set forth in paragraphs (a)(6) or (b)(1) above, he/she will notify the Contractor, in writing, of the intended decision ten days prior to issuance. **[M432]**

(End of Clause)

H-9 Care of Laboratory Animals

- (a) Before undertaking performance of any contract involving the use of Laboratory animals, the Contractor shall register with the Secretary of Agriculture of the United States in accordance with Section 6, Public Law 89-544, Laboratory Animal Welfare Act, August 24, 1966, as amended. The Contractor shall furnish evidence of such registration to the Contracting Officer.
- (b) The Contractor shall acquire animals used in research and development programs from a dealer licensed by the Secretary of Agriculture, or from exempted sources in accordance with the Public Laws enumerated in (a), above, of this provision.
- (c) In the care of any animals used or intended for use in the performance of this Contract, the Contractor shall comply with USDA regulations governing animal care and usage, as well as all other relevant local, State, and Federal regulations concerning animal care and usage. In addition the Contractor will ensure that research will be conducted in a facility that either: (i) has a current National Institutes of Health (NIH) assurance number for animal care and usage, or (ii) is currently accredited for animal care and usage by an appropriate organization such as the Association for Assessment and Accreditation of Laboratory Animal Care (AAALAC) International, or (iii) has a DOE Assurance Plan Number.

(End of Clause)

H-10 Protection of Human Subjects

Before undertaking the performance of any research involving the use of human subjects, the provisions of 10 CFR 745, 45 CFR Part 46, and the applicable DOE requirements regarding Protection of Human Subjects as incorporated into this Contract in Section J, Appendix D, must be complied with. This requirement applies to research undertaken with DOE support, strategic partnership projects, and collaborations with other institutions. Intelligence-related projects with potential human subjects research (HSR) and/or Human Terrain Mapping (HTM) tasks, will be reviewed by the Central DOE Institutional Review Board - Classified (IRB-C), regardless of the classification level. The DOE Institutional Official's approval is required following IRB-C approval, and prior to initiation, of any HSR and/or HTM projects that are classified in whole or in part, regardless of whether they can be reviewed by the IRB-C in an unclassified manner.

(End of Clause)

[M1110]

H-11 Notice Regarding the Purchase of American-Made Equipment and Products – Sense of Congress

It is the sense of the Congress that, to the greatest extent practicable, all equipment and products purchased with funds made available under this award should be American-Made.

(End of Notice)

H-12 Privacy Act Records

In accordance with the Privacy Act of 1974, 5 U.S.C. 552a (Public Law 93-579) and implementing DOE regulations (10 CFR 1008), the Contractor shall maintain the following “Systems of Records” on individuals in order to accomplish the United States Department of Energy functions:

- (a) Intelligence Related Access Authorization (DOE-15)
- (b) Personnel Radiation Exposure Records (DOE-35)
- (c) Security Education and/or Infraction Reports (DOE-48)
- (d) Access Control Records of International Visits, Assignments, and Employment at DOE Facilities and Contractor Sites (DOE-52)
- (e) Counterintelligence Administrative and Analytical Records and Reports (DOE-81)
- (f) Counterintelligence Investigative Records (DOE-84)

The parenthetical DOE number designations for each system of records refer to the official “System of Records” number published by the DOE in the Federal Register pursuant to the Privacy Act.

(End of Clause)

H-13 Administration of Subcontracts

- (a) The administration of all subcontracts entered into and/or managed by the Contractor, including responsibility for payment hereunder, shall remain with the Contractor unless assigned at the direction of DOE.
- (b) The DOE reserves the right to direct the Contractor to assign to the DOE, or another Contractor, any subcontract awarded under this Contract.
- (c) The DOE reserves the right to identify specific work activities in Section C “Description/Specifications” to be removed (de-scoped) from the Contract in

order to contract directly for the specific work activities. The Department will work with the Contractor to identify the areas of work that can be performed by small businesses in order to maximize direct federal contracts with small businesses. [M1100]

- (d) To the extent that DOE removes (de-scopes) work from this Contract, any such removed or withdrawn work shall be treated as a change in accordance with the clause of this Contract, titled Changes (Dec 2000). A “material change” for the purpose of this clause is defined as cumulative changes during a fiscal year that result in a plus or minus 10% change to the Laboratory’s Estimated Fee Base. To the extent that DOE assigns the administration of a contract to the Contractor, or removes (de-scopes) work, the Parties reserve the right to negotiate an equitable adjustment in the Contractor’s annual available performance fee. The negotiation of fee will be in accordance with the Contract clause entitled “Determining Total Available Performance Fee and Fee Earned”. The Parties will also negotiate appropriate adjustments to the Contractor’s Subcontracting Plan or any other applicable Contract terms and conditions impacted by such withdrawal or addition of work scope to recognize the changes to the Contractor’s subcontracting base and goals. [M1017]

(End of Clause)

H-14 Contracts for Materials, Supplies, Articles, and Equipment Exceeding \$15,000

Except as otherwise may be approved, in writing, by the Contracting Officer, the Contractor agrees to insert the following provision in noncommercial Purchase Orders and subcontracts under this contract. "If this contract is for the manufacture or furnishing of materials, supplies, articles, or equipment in an amount which exceeds or may exceed \$15,000.00 and is otherwise subject to the Walsh-Healey Public Contracts Act, as amended (41 U.S. Code 35-45), there are hereby incorporated by reference all representations and stipulations required by said Act and regulations issued thereunder by the Secretary of Labor, such representations and stipulations being subject to all applicable rulings and interpretations of the Secretary of Labor which are now or may hereafter be in effect."

(End of Clause)

[M1067]

H-15 Service Contract Labor Standards

The Service Contract Act of 1965 is not applicable to this contract. However, in accordance with Section I Clause entitled “DEAR 970.5244-1 – Contractor Purchasing System,” subcontracts awarded by the Contractor are subject to the Act to the same extent and under the same conditions as contracts awarded by DOE. The Contractor and the Contracting Officer shall develop a procedure whereby DOE will determine if the

Service Contract Act is applicable to particular subcontracts. In cases determined to be covered by the Service Contract Act, the Contractor shall prepare SF-98 and 98A “Notice of Intention to Make a Service Contract” (or documentation considered equivalent by the Contracting Officer) and forward it to the Contracting Officer or his designee to obtain a wage determination.

(End of Clause)

[M1067]

H-16 Cap on Liability (DOE-H-7015) (Sep 2017)

(a) The Parties have agreed that the Contractor’s liability, for certain obligations it has assumed under this contract, shall be limited as set forth in paragraph (b) below. These limitations or caps shall only apply to obligations the Contractor has assumed pursuant to the following clauses:

(1) The Section I Clause entitled “DEAR 970.5245-1 – Property”, paragraph (f)(1)(i)(C);

(2) The Section I Clause entitled “DEAR 970.5228-1 – Insurance--Litigation and Claims”, paragraph (f); with respect to prudent business judgment only; and

(3) The Section I Clause entitled “DEAR 970.5228-1 – Insurance--Litigation and Claims”, paragraph (g)(2); except for punitive damages resulting from the willful misconduct or lack of good faith on the part of the Contractor’s managerial personnel as defined in the Section I Clause entitled “DEAR 970.5245-1 – Property”.

(b) Unless otherwise prohibited by law or regulation, the Contractor shall be liable each fiscal year for an amount not-to-exceed 1.25 times the maximum performance fee available for that fiscal year. The annual cap which will apply shall be based on the fiscal year in which the Contractor’s act or failure to act was the proximate cause of the liability assumed by the Contractor. In the event the Contractor’s act or failure to act overlaps more than one (1) fiscal year, the limitation will be the annual limitation for the last fiscal year in which the Contractor’s act or failure to act occurred. If the Contractor’s cumulative obligations for a fiscal year equal the amount of the annual limitation of liability, the Contractor shall have no further responsibility for the costs of the liabilities it has assumed for that fiscal year pursuant to (a)(1) through (3) above.

(End of Clause)

[M1414]

H-17 Performance Based Management and Oversight

(a) Performance-based management shall be the key enabling mechanism for establishing the DOE-Contractor expectations on oversight and accountability. DOE expectations (outside of individual program performance and requirements of laws and regulations) and performance targets shall be established through the

Performance Evaluation and Measurement Plan (PEMP) pursuant to the clause entitled "Standards of Contractor Performance Evaluation." This PEMP shall establish the expected strategic results in the areas of science and technology, stewardship, and management/operations excellence. The measurement basis for the science and technology performance goals shall be established by each major customer of the Laboratory, and customer evaluation will be the primary means of evaluating science and technology performance. The performance measures/targets for the management/operational goals shall be established by agreement with DOE. Confirmation of Contractor assurance results shall be the primary method for evaluating Contract management/operational performance. The types and level of evaluation utilized to confirm results are dependent on the Contracting Officer's determination of the effectiveness of the Contractor's assurance system and is described in the Section H Contract clause, entitled "Contractor Assurance System." [M600]

- (b) The performance-based management system shall be the primary vehicle for addressing issues associated with performance expectations. In the event of a substantive performance shortfall in any area, the appropriate improvement expectations and measures/targets will be incorporated into the PEMP and tracked through self-assessment and independent oversight, as appropriate.
- (c) Compliance with applicable Federal, State and local laws and regulations, and permits and licenses, shall be primarily determined by the cognizant regulatory agency and DOE will primarily rely upon the determination of the external regulators in assessing Contract compliance. [M600]

(End of Clause)

H-18 Shared Services

- (a) Alternative Proposals

The Contractor may submit to the Contracting Officer alternative proposals for obtaining services currently provided by other contractors as Shared Services. All proposals will reflect innovative cost-effective approaches whereby the Contractor will obtain services in a manner reflecting the best interests of the Government and the Contractor. The Contractor will consider contractual and regulatory constraints in all proposals. The Contractor must submit proposals under this clause to the Contracting Officer a minimum of 90 calendar days in advance of the proposed date for transitioning services. The Contracting Officer shall accept, reject, or conditionally accept the proposal, in writing, within 90 calendar days of receipt. The Contracting Officer shall provide an explanation for any rejection.

- (b) Cost-Efficiency Comparison Information

To facilitate the cost-efficiency comparisons required under paragraph (a) above, DOE agrees to provide the contractor's allocation methodology information associated with services provided by other Hanford Site contractors to the fullest extent possible and at the highest level sufficient to perform such analysis. DOE will deliver the information to the Contractor within 30 days of the Contractor's request or such time period as agreed to by the Parties.

(End of Clause)
[M1067]

H-19 Lobbying Restriction

The Contractor agrees that none of the funds obligated on this award shall be expended, directly or indirectly, to influence congressional action on any legislation or appropriation matters pending before Congress, other than to communicate to Members of Congress as described in 18 U.S.C. 1913. The Contractor also agrees that none of the funds obligated on this award shall be made available for any activity or the publication or distribution of literature that in any way tends to promote public support or opposition to any legislative proposal on which Congressional action is not complete. This restriction is in addition to those prescribed elsewhere in statute and regulation.

(End of Clause)
[M1067]

H-20 Intellectual and Scientific Freedom

- (a) The Parties recognize the importance of fostering an atmosphere at the Laboratory conducive to scientific inquiry and the development of new knowledge and creative and innovative ideas related to national interests.
- (b) The Parties further recognize that the free exchange of ideas among scientists and engineers at the Laboratory and colleagues at universities, colleges, and other laboratories or scientific facilities is vital to the success of scientific, engineering, and technical work performed by Laboratory personnel.
- (c) The Parties also recognize that protecting proprietary and national security interest, information and assets is a paramount concern and duty of the Laboratory and its personnel.
- (d) In order to further the goals of the Laboratory and the national interest, as well as protect proprietary information and national security, it is agreed by the Parties that the scientific and engineering personnel at the Laboratory shall be accorded the rights of publication or other dissemination of research, and participation in open public debate and in scientific, educational, or professional meetings and conferences, subject to limitations included in technology transfer agreements,

strategic partnership project agreements, and such other limitations as may be required by the terms of this contract. Nothing in this clause is intended to interfere with the obligations of the Parties, including all Laboratory personnel, to protect proprietary, classified, Privacy Act, or other sensitive information as provided for or required by law, regulation, Department of Energy Directive or Order, or elsewhere in this contract.

(End of Clause)
[M1089]

H-21 Advance Understandings on Allowable Costs

Allowable costs under this Contract shall be determined according to the requirements of DEAR 970.5232-2, Payments and Advances. For purposes of effective contract implementation, certain items of cost are being specifically identified below as allowable under this Contract to the extent indicated:

- 1) Foreign Rental Car Insurance - Foreign rental car insurance is allowable to the extent it is not covered by an existing insurance plan being billed to the government or is required by law and is not personal in nature.
- 2) Home Office Expenses - Home Office residual expenses are allowable to the extent that such expenses are allowable per FAR 31.2 and DEAR 970.3102 and are allocable consistent with FAR 31.2 and the Cost Accounting Standards. These costs are capped by Fiscal Year (FY) at: (a) **\$1.0M** for Fiscal Year 2023 and (b) **\$0.5M** for FY 2024. Home Office Expenses will no longer be allowed after FY 2024. Therefore, Home Office Expenses for FY 2025, FY 2026 and FY 2027 are **\$0.0**.

[M1414]

- 3) Operational Support and Strategic Sourcing – In circumstances when there is a clear advantage to the Government for operational support to be sourced from Battelle Home Office* in a project or non-project (i.e., overhead) capacity or when Battelle Pacific Northwest Division performs non-project work for Battelle home office, whereas, the cost is charged to an indirect account that is allocated over a base to include Battelle Pacific Northwest Division will be deemed allowable to the extent the costs are in accordance with FAR Part 31.2, DEAR 970.3102 and Cost Accounting Standards under this Contract. Additionally, the following measures shall be taken for the described costs:
 - a) Allocation of cost from Battelle Home Office for corporate provided services, such as contractor assurance, Laboratory Operations, insurance, risk management, payroll, benefits, taxes, corporate leases essential for the Contractor to operate PNNL. The Contractor will submit an annual true-up of these costs by July 31 of the following fiscal year.

- b) Costs for Battelle Home Office provided software licenses, subscriptions, and memberships that are a part of the corporate allocations only require notification to DOE five (5) days prior to the expenditure of funds, to the extent practicable.
- c) Costs of work performed by Battelle Home Office that are charged to a Battelle Pacific Northwest Division overhead account, such as logistics support, benefit claims, essential for the Contractor to operate PNNL. DOE notification is required five (5) days prior to the start of work to and/or to the expenditure of funds, to the extent practicable;
- d) Costs for work performed by Battelle Home Office that are directly charged to projects, such as project Inter-Laboratory Agreements (ILA). DOE notification is required five (5) days prior to the start of work to the extent practicable and/or prior to the expenditure of funds, to the extent practicable;
- e) Costs for work performed by Battelle Pacific Northwest Division for Battelle Home Office that are charged to a home office indirect account, such as labor costs of support staff and facility maintenance on Battelle-owned facilities. DOE notification is required five (5) days prior to the start of work and/or prior to the expenditure of funds, to the extent practicable.

* For Clause H-21(3) ONLY, Battelle Home Office shall be defined as any Battelle segment, division, home office, subsidiary, or affiliate other than Battelle Pacific Northwest division.

[M1163]

- 4) **Stipends and payments, if not otherwise unallowable under any other term of the contract, made to reimburse travel or other expenses - Researchers and students who are not employed under this Contract but are participating in research, educational or training activities under this Contract are allowable to the extent such costs are incurred in connection with fellowship, international agreements, or other research, educational or training programs approved in writing by the Contracting Officer. (Deviation authorized from FAR 31.205-44 (e))**
- 5) **Tuition Reimbursement** – Tuition and fees for staff who are employed under this Contract are allowable to the extent the staff continue their employment during the period of reimbursement and this cost is not otherwise unallowable.
- 6) **Payments, if not otherwise unallowable under any other term of the contract, to educational institutions - Tuition and fees for researchers and students who are not employed under this Contract but are participating in**

research, educational or training activities under this Contract, or institutional allowances in connection with fellowship or other research, educational or training programs are allowable. (Deviation authorized from FAR 31.205-44 (e))

- 7) Rewards & Recognition - The cost incurred by the Contractor will be allowable, to the extent specified under FAR 31.205-6 (f), and as applicable to work under this Contract for administering the Contractor's Recognition and Reward Program for the Commercialization of Intellectual Property as described in the program description. Such costs shall include cash awards and rewards and recognition events to the extent that they are not otherwise unallowable.
- 8) Imputed interest costs - Leases classified and accounted for as capital leases under generally accepted accounting principles (GAAP) are allowable, provided that the decision to enter into a capital leasing arrangement has been specifically authorized and approved in writing by the DOE Contracting Officer in accordance with applicable procedures and such interest costs are recorded in an appropriately specified DOE account established for such purpose.
- 9) ISM Awareness Program - PNNL has an Integrated Safety Management (ISM) Awareness Program (ISMAP) which is separate and distinct from the Laboratory's variable pay programs. ISMAP includes tangible awards valued at less than \$25 each. The ISMAP awards are for PNNL staff for having participated in educational and survey safety activities that are linked to ISM program performance improvement and achievement or for supporting staff recognition and awareness in the areas of safety and wellness. Costs associated with the "ISM Awareness Program" are allowable subject to an annual ceiling amount. ISM Awareness Program tangible awards will not promote the Battelle name or logo. However, the PNNL branding logo is acceptable (i.e. Pacific Northwest National Laboratory branding logo, along with Operated by Battelle for the U.S. Department of Energy). Allowable cost is limited to tangible awards for PNNL staff, and any awards to non-PNNL employees will be an unallowable cost.
- 10) Management and Operations Sustainability Program – The PNNL Site Sustainability Plan is to reduce Greenhouse Gas emissions in accordance with Departmental goals. To this end, Battelle is authorized up to \$10,000 for use in creating and implementing sustainability initiatives to include tangible awards valued at less than \$25 each. Tangible awards will not promote the Battelle name or logo. However, the PNNL branding logo is acceptable (i.e. Pacific Northwest National Laboratory branding logo, along with Operated by Battelle for the U.S. Department of Energy). Allowable cost is limited to tangible awards for PNNL staff, and any award to non-PNNL employees will be an unallowable cost. [M881]

- 11) Counterintelligence Awareness Program – PNNL has a Counterintelligence Awareness Program which is separate and distinct from the Laboratory’s variable pay programs. This program includes tangible awards valued at less than \$25 each. The awards are to increase the visibility of counterintelligence with PNNL staff and to communicate key messages/objectives. Costs associated with the “Counterintelligence Awareness Program” are allowable subject to an annual ceiling amount (\$1,500). Counterintelligence Awareness Program tangible awards will not promote the Battelle name or logo. However, the PNNL branding logo is acceptable (i.e. Pacific Northwest National Laboratory branding logo, along with Operated by Battelle for the U.S. Department of Energy). Allowable cost is limited to tangible awards for PNNL staff, and any awards to non-PNNL employees will be an unallowable cost. [M1000]

(End of Clause)
[M1438]

H-22 Payments for Domestic Extended Personnel Assignments, DOE-H-2069 (Oct 2014)

- (a) Definition. For purposes of this clause, “domestic extended personnel assignments” are defined as any assignment of contractor personnel to a domestic location different than their permanent duty station for a period expected to exceed 30 consecutive calendar days.
- (b) For domestic extended personnel assignments, the Contractor shall be reimbursed the lesser of temporary relocation costs (Temporary Change of Station allowances as described in the Federal Travel Regulation at §302-3.400 - §302-3.429) or a reduced per diem (Extended Travel Duty) in accordance with the allowable cost provisions of the contract and the following:
- (1) When a reduced per diem method (Extended Travel Duty) is utilized, the allowances are as follows:
- (i) Lodging. For the first 60 days and last 30 days of the assignment, the Government will reimburse costs associated with lodging at the lesser of actual cost or 100% of the Federal per diem rate at the assignment location. The intervening days lodging will be reimbursed at the lesser of actual cost or 55% of Federal per diem.
- (ii) Meals and Incidental Expenses. For the first 30 days and last 30 days of the assignment, the Government will reimburse costs associated with

meals and incidental expenses (M&IE) at 100% of the Federal per diem rate at the assignment location. The intervening days M&IE will be reimbursed at 55% of Federal per diem.

- (2) The Government will not reimburse any costs associated with per diem (except for en-route travel) unless the contractor employee maintains a residence at the permanent duty station.
- (3) The Government will not reimburse costs associated with salary premiums, per diem, lodging, or other subsidies for contractor employees on domestic extended personnel assignments after 3 years (except for the reimbursements described above during the last 30 days of the assignment).
- (4) If an assignment has breaks within a three year period, the calculation of the total length of the assignment will be as follows: If the break between assignments is less than 12 months, the Government will consider the assignment continuous for purposes of the three year clock. For instance, if a contractor employee completes a 2 year assignment at location A and returns to his/her permanent duty station for 12 months, a subsequent new 2 year assignment back to location A will restart the 3 year clock. The assignments will be considered two separate 2 year assignments. On the other hand, if in the previous example the employee's return to his/her permanent duty station was 6 months, the Government would consider the second assignment to be a continuation of the first for purposes of the 3 year rule.
- (5) The Government will not reimburse costs associated with salary premiums that exceed 10%.
- (6) The Contractor shall include the substance of this clause in all subcontracts in which travel will be reimbursed at cost.

(End of Clause)

[1548]

H-23 Electronic Subcontracting Reporting System

The requirement for the submittal of paper versions of the Standard Form (SF) 294,

Subcontracting Reports for Individual Contracts, and SF 295, Summary Subcontract Reports, as provided in FAR 52.219-9(j) is hereby deleted and is replaced with the electronic submittal of data under the Electronic Subcontract Reporting System (eSRS).

The offeror's subcontracting plan shall include assurances that the offeror will (1) submit the Individual Subcontracting Reports and Summary Subcontracting Reports under the eSRS and (2) ensure that its subcontractors agree to submit Individual Subcontracting Reports and Summary Subcontracting Reports at all tiers, in eSRS.

The contractor or subcontractor shall provide such information that will allow applicable lower tier subcontractors to fully comply with the statutory requirements of FAR 19.702.

(End of Clause)

[M432]

H-24 Joint Global Climate Change Research Institute

The Department of Energy directive titled, "Use of Management and Operating or Other Facility Management Contractor Employees for Services to DOE in the Washington, D.C., Area", or its successor, is not applicable to PNNL employees whose permanent duty station is at the Joint Global Climate Change Research Institute in College Park, Maryland, provided that those employees are performing or supporting research and development work. However, if at any time any of those employees are assigned to a position to provide technical expertise and/or experience in support of program missions, the Contractor must meet all of the applicable requirements of the above-mentioned directive or its successor for those employees.

(End of Clause)

[M881]

H-25 Information Technology Acquisitions

All information technology acquisitions shall include the appropriate information technology security policies and requirements, including use of common security configurations available from the National Institute of Standards and Technology's website <http://checklists.nist.gov> or approved secure configurations that are commensurate with the mission of the contract and conducive to the research and development efforts of the laboratory. This requirement shall be included in all subcontracts which are for information technology acquisitions; and the Laboratory CIO shall annually certify to the DOE Site Office Contracting Officer that this requirement is being incorporated into information technology acquisitions. **[M490]**

(End of Clause)

H-26 Definition of Unusually Hazardous or Nuclear Risk for FAR Clause 52.250-1 Indemnification Under Public Law 85-804

- A. The term “a risk defined in this contract as unusually hazardous or nuclear” as used in FAR Clause 52.250-1 means the risk of legal liability to third parties (including legal costs as defined in paragraph (jj) of section 11 of the Atomic Energy Act of 1954, as amended, 42 U.S.C. §2014(jj), notwithstanding the fact that the claim or suit may not arise under section 170 of said Act, 42 U.S.C. §2010) arising from actions or inactions in the course of the following work performed by the Contractor under the Contract:
- (1) Providing assistance in implementing physical security at nuclear and radiological facilities worldwide to ensure effective safeguards and security of weapons-usable nuclear materials and high-risk radiological materials both domestically and internationally under Department of Energy’s (DOE) Global Threat Reduction Initiative (GTRI). Supporting activities shall include vulnerability assessments; design and installation of physical security systems; material consolidation; secure transportation; materials disposition and conversion to less attractive forms; implementation of detection and measurement technologies; and security operations training.
 - (2) Providing assistance in DOE’s Material Protection Control and Accounting (MPC&A) program including cooperative work outside the United States on the design and implementation of MPC&A systems for facilities processing, handling, and storing nuclear materials, and the transportation of nuclear materials; provision of U.S.-manufactured equipment, and procurement of equipment for installation in facilities in order to implement the above systems; training in the design, use and assessment of MPC&A systems, export control, and facility transition support.
 - (3) Participation in the DOE/National Nuclear Security Administration program(s) focusing on the complete denuclearization of the Democratic People’s Republic of Korea (DPRK), including cooperative work outside the United States on the disablement and dismantlement of all declared and undeclared DPRK nuclear facilities and the verification of activities, equipment, and materials at said facilities; inspection, packaging, removal, securing in place, transportation, storage and disposition of spent nuclear fuel, nuclear materials (including uranium, highly-enriched uranium, and plutonium), and other radiological materials and equipment; and the conversion of any reactors using highly-enriched uranium fuel to low-enriched uranium fuel.
 - (4) Participation in tasks or activities by the Contractor or its subcontractors on or after March 11, 2011 that is directed or authorized by the U.S.

Department of Energy or the U.S. Department of Energy National Nuclear Security Administration as an element of activities taken in response to the Japanese earthquake and tsunami, including efforts to address and assess damage to nuclear power plants and potential radioactive releases from these plants now and into the future. [M764]

- (5) Other activities relating to nonproliferation, emergency response, anti-terrorism activities, or critical national security activities that involve the use, detection, identification, assessment, control, containment, dismantlement, characterization, packaging, transportation, movement, storage or disposal of nuclear, radiological, chemical, biological, or explosive materials, facilities or devices, provided such activities are specifically requested or approved, in writing, by the President of the United States, the Secretary of Energy, the Deputy Secretary of Energy, or an Under Secretary, and further provided that the request or approval specifically identifies a particular project involving one of those activities and makes the indemnity provided by this clause applicable to that particular project under the contract.
- (6) Participation in tasks or activities by the Contractor or its subcontractors on or after March 13, 2020 through June 30, 2020 that is directed or authorized by the U.S. Department of Energy or the U.S. Department of Energy National Nuclear Security Administration, including work for others, as an element of activities taken now and through June 30, 2020 in response to COVID-19, including but not limited to efforts to test for the presence of COVID-19, to provide equipment and resources to address COVID-19, and to develop treatments and vaccines for COVID-19, to the extent the task or activity is not exempt from liability under the Public Readiness and Emergency Preparedness Act (PREP Act) or other law, or the exemption under the PREP Act or other law is limited in scope or amount which is not sufficient to provide complete protection against the liability to which the contractor is exposed. [M1264]
- B. The unusually hazardous or nuclear risks described above are indemnified only to the extent that they are not covered by the Price-Anderson Act (section 170d of the Atomic Energy Act of 1954, as amended 42 U.S.C. §2210d) or where the indemnification provided by the Price Anderson Act is limited by the restriction on public liability imposed by section 170e of the Atomic Energy Act of 1954, as amended, (42 U.S.C. §2210e) to an amount which is not sufficient to provide complete indemnification for the legal liability to which the Contractor is exposed.

End of Clause

[M1264]

H-27 Contractor Assurance System

- (a) The Contractor shall develop a Contractor assurance system that is executed by the Contractor's Board of Directors (or equivalent corporate oversight entity) and implemented throughout the Contractor's organization. This system provides reasonable assurance that the objectives of the contractor management systems are being accomplished and that the systems and controls will be effective and efficient. The Contractor assurance system, at a minimum, shall include the following key attributes:
- (1) A comprehensive description of the assurance system with processes, key activities, and accountabilities clearly identified.
 - (2) A method for verifying/ensuring effective assurance system processes. Third party audits, peer reviews, independent assessments, and external certification (such as VPP and ISO 9001 or ISO 14001) may be used.
 - (3) Timely notification to the Contracting Officer of significant assurance system changes prior to the changes.
 - (4) Rigorous, risk-based, credible self-assessments, and feedback and improvement activities, including utilization of nationally recognized experts, and other independent reviews to assess and improve the Contractor's work process and to carry out independent risk and vulnerability studies.
 - (5) Identification and correction of negative performance/compliance trends before they become significant issues.
 - (6) Integration of the assurance system with other management systems including Integrated Safety management.
 - (7) Metrics and targets to assess performance, including benchmarking of key functional areas with other DOE contractors, industry and research institutions. Assure development of metrics and targets that result in efficient and cost effective performance.
 - (8) Continuous feedback and performance improvement.
 - (9) An implementation plan (if needed) that considers and mitigates risks.
 - (10) Timely and appropriate communication to the Contracting Officer, including electronic access, of assurance related information.

The initial Contractor assurance system description shall be approved by the Contracting Officer.

- (b) The Government may revise its level and/or mix of oversight of this Contract when the Contracting Officer determines that the assurance system is or is not operating effectively.

End of Clause
[M600]

H-28 Implementation of Section I Clauses

- (a) For purposes of implementation of Contract Clause entitled “Personal Identity Verification of Contractor Personnel”, the Parties agree to the following:
- 1) The agency personal identity verification procedures that implement Homeland Security Presidential Directive-12 (HSPD-12), Office of Management and Budget (OMB) guidance M-05-24, and Federal Information Processing Standards Publication (FIPS PUB) Number 201 and that must be complied with, are the applicable DOE directives included in Appendix D, List of Applicable DOE Directives & External Requirements.
 - 2) The Contractor shall only account for Government-provided identification issued through processes managed by the Contractor in connection with this Contract.
 - 3) The Contractor shall return or disposition the Government-provided identification issued to Contractor employees in connection with HSPD-12 credentials in the manner approved by DOE.
- (b) For purposes of implementation of Contract Clause entitled “Payments and Advances,” the Parties agree to the following:
- 1) Monthly Provisional Fee Payments. The Contractor may withdraw against the payments cleared financing arrangement, up to one-twelfth (1/12) of 72% of the performance fee for the fiscal year, on the first day of each month, unless otherwise instructed in writing by the Contracting Officer.
 - 2) Final Fee Payment. Following DOE’s determination of Total Available Fee Amount Earned, the Contractor is authorized to withdraw any amount of earned fee over the amount previously paid on a provisional basis from the payments cleared financing arrangement. In the event DOE determines there has been an overpayment to the Contractor, such overpayment plus interest shall be redeposited to the payments cleared financing arrangement within 30 calendar days, or otherwise used as directed by the Contracting Officer. Interest shall be computed from the date of overpayment to the date of repayment using the interest rate

specified by the Secretary of Treasury pursuant to Pub. L. 92-41 (85 Stat. 97).

- (c) At this time, the FSRS system does not accept the information described in this Clause for reporting with respect to M&O contracts. If the FSRS system becomes operational for M&O contracts in the future then the following requirements of this Clause will be effective. For purposes of implementation of the Contract clause entitled "Reporting Executive Compensation and First-Tier Subcontract Awards", the Parties agree that the Contractor is not required to comply with the sections of the Clause that require reporting into FSRS. However, DOE requests that the Contractor maintain the data in case it is requested. Further, if first-tier subcontractors are unwilling to share executive compensation information with the Contractor, then the Contractor shall advise the first-tier subcontractor that it will be responsible for maintaining the information and will provide the information if requested.

[M1414]

- (d) Pursuant to Contract Clause **DEAR 970.5232-7 – Financial Management System**, DOE approval is required for systems that have impact to DOE's financial reporting and/or systems where financial data quality is impacted via alteration of data or system calculations. For purposes of implementation, The Financial Management system includes the Laboratory's current existing integrated accounting system (FPS) and any subsystems that impact that following areas: budget (including funds control and management), payroll system, labor cost distribution, accounts receivable, accounts payable, acquisition, inventory, cost management (including project costing), general ledger, travel, and the financial aspects of the Asset Management Systems. [M1089]

The Plan as required in DEAR 970.5232-7 is applicable when new systems or subsystems are procured or developed. Submittal of the Plan for approval is also required when the procurement and development costs for enhanced system(s) or subsystem(s) will exceed \$500,000.00 (estimate at completion (EAC)). The Plan when required should provide a summary of proposed changes from the previously approved plan as well as adequate details for each system, subsystem or major enhancements to include a basic description of the project scope (i.e. purpose, issues, risks, and desired outcomes), including a high-level estimated budget and schedule

If approval of new systems, subsystems, major enhancements or upgrades to existing systems has been provided for in a previously approved plan, but work was not initiated or completed in the current year, the Contractor does not need to request subsequent approval. PNSO's expectation is that the Contractor will provide at a minimum an annual status report of the previously approved item and a status briefing shall be provided by October 30th.

If the Contractor's planned implementation for the systems described in the Plan deviates for scope, schedule or cost reasons and is requested by the Contracting

Officer, the Contractor shall submit such deviation to the PNSO Contracting Officer for approval 30 days prior to implementing the change. [M995]

- (e) To facilitate continuity of performance and Contract administration, all agreements, memorandums of understanding, and contractual assumptions which have been appropriately agreed to in writing by both Parties prior to this Contract extension will continue in effect according to the terms thereof unless they have been superseded or, if they are in conflict with any other terms and conditions of this Contract extension.
- (f) For purposes of the clause in this Contract titled “Access to and Ownership of Records”, it is understood and agreed that the Contractor-owned legal records that are subject to an attorney-client privilege or an attorney-work-product privilege require special handling to preserve these privileges. Therefore, the Parties agree that inspection, copying, or audit of any such records will only be conducted by DOE Counsel or its designees.
- (g) Prior to the issuance of a work authorization or direction concerning continuation of activities of the contract, the Contractor shall provide a detailed description of work, identification of hazards/risks and legacy considerations and controls that will be instituted to mitigate the hazards/risks and legacy considerations, a budget of estimated costs, and a schedule of performance for the work, and shall provide or make available those items through an approved approach or as directed by the Contracting Officer or designee. The “estimate” referred to in paragraph (e) of the clause entitled, “DEAR 970.5211-1, Work Authorization” shall be defined as total available funds, and standard monthly budget reports meet the notification requirements of this clause.
- (h) For the purpose of the “Property” clause within this Contract, a controlled substance, as defined by 41 CFR § 102-40.30 in the “Federal Management Regulation” and meeting the criteria for Sensitive Personal Property under 41 CFR § 102-35.20, shall be handled in accordance with Title 41 CFR § 109 “Department of Energy Property Management Regulation.”

(End of Clause)
[1514]

H-29 Agreements for Commercializing Technology

This H-clause authorizes the use of the mechanism: Agreements for Commercializing Technology (ACT). In accordance with the requirements specified in this H-clause, the M&O Contractor may conduct third party-sponsored research at the M&O Contractor’s risk. While the Department believes ACT has the potential to greatly assist in the commercialization of technologies, it also specifically recognizes that ACT can be used for other engagements with outside entities that are not necessary aimed at

commercialization (e.g., technical assistance, training, studies), but which facilitate access to DOE facilities. In performing ACT work, the M&O Contractor may use staff and other resources associated with this M&O contract for the purposes of conducting technical services¹, training, studies, performing research and development, and/or furthering the technology transfer mission of the Department, only when such work does not interfere with DOE-funded activities conducted as authorized by other parts of this M&O contract. The resources that may be used include Government- owned or leased facilities, equipment, or other property that is either in the M&O Contractor's custody or available to the M&O Contractor under this M&O contract (unless specifically excluded by the Contracting Officer). For M&O Contractor activities conducted under authority of this H-clause, the M&O Contractor shall provide full-cost recovery, assume indemnification and liability as provided in paragraph 9 below, and may assume other risks normally borne by private parties sponsoring research at the DOE national laboratories and production plants. In exchange for accepting such risks, or for other private consideration provided by the M&O Contractor, the M&O Contractor is authorized to negotiate separate ACT agreements with the sponsoring third parties. Under ACT agreements, the M&O Contractor may charge those parties additional compensation beyond the full costs of the work at the facility.

The following applies to all work conducted under the ACT mechanism regardless of the source of funding:

1. *Authority to Perform work under this H-clause.* Pursuant to the Atomic Energy Act of 1954, as amended (42 U.S.C. 2011 et seq.) and other applicable authorities, the M&O Contractor may perform work for non-Federal entities, in accordance with the requirements of this H- clause.
2. *M&O Contractor's Implementation.* For ACT work conducted under the contract, the M&O Contractor must draft, implement, and maintain formal policies, practices, and procedures in accordance with this H-clause, which must be approved by the Contracting Officer, and such approval shall not be unreasonably withheld.
3. *Conditions for Participation in ACT.* The M&O Contractor:
 - a. Must not perform ACT activities that would place it in direct competition with the private sector;
 - b. May only conduct work under this H-clause if the work does not interfere with or adversely affect projects and programs the M&O Contractor conducts on behalf of the DOE under this contract, and complies with the terms and conditions of the prime contract. If the Government determines that an activity conducted under this H-clause interferes with the Department's work under the M&O contract, or that termination/stay/suspension of work under an ACT agreement is in the best interest of the Government, the M&O Contractor must stop the interfering ACT work immediately to the extent necessary to resolve the interference.

At any time, the Contracting Officer may require the use of specified Government-owned or leased property and facilities for the exclusive use of the DOE mission by providing a written notice excluding said property from the M&O Contractor's activities under this H- clause. Any cost incurred as a result of Contracting Officer decisions identified in this subparagraph shall be borne by the M&O Contractor. The Contracting Officer shall provide to the M&O Contractor in writing its decision, identifying the issues and reasons for the decisions. The M&O Contractor shall be provided with a reasonable opportunity to address and resolve the issues identified by the Contracting Officer;

- c. Except as otherwise excluded in this H-clause, must perform all ACT activities in accordance with the standards, policies, and procedures that apply to performance under this M&O contract, including but not limited to environmental, safety and health, security, safeguards and classification procedures, and human and animal research regulations;
- d. Must maintain and provide when requested by the DOE Contracting Officer, a summary of project information for each active ACT project, consisting of: sponsor name; total estimated costs; project title and description; project point of contact; and estimated start and completion dates;
- e. Is responsible for addressing the following items in ACT agreements as appropriate: disposition of property acquired under the agreement; export control; notice of intellectual property infringement; and a statement that the Government and/or the M&O Contractor shall have the right to perform similar services in the Statement of Work for other Parties as otherwise authorized by this M&O contract subject to applicable data restrictions;
- f. Must include a standard legal disclaimer notice on all publications generated under ACT activities. Each DOE M&O Contractor has its own pre-approved publications statement, and this should be included; and
- g. Must insert the following disclaimer in each agreement under ACT, which must be conspicuous (e.g. bold type, all capital letters, or large font) in all Agreements under ACT so as to meet the standards of due notice.

DISCLAIMER

THIS AGREEMENT IS SOLELY BETWEEN [INSERT NAME OF THE M&O CONTRACTOR] AND [THE OTHER IDENTIFIED PARTY]. THE UNITED STATES GOVERNMENT IS **NOT** A PARTY TO THIS AGREEMENT, THIS AGREEMENT DOES NOT CREATE ANY OBLIGATIONS OR LIABILITY ON BEHALF OF THE GOVERNMENT AND THE GOVERNMENT MAKES NO EXPRESS OR IMPLIED WARRANTY AS TO THE CONDITIONS OF THE RESEARCH OR ANY INTELLECTUAL PROPERTY, GENERATED

INFORMATION, OR PRODUCT MADE OR DEVELOPED UNDER THIS AGREEMENT, OR THE OWNERSHIP, MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE OF THE RESEARCH OR RESULTING PRODUCT; THAT THE GOODS, SERVICES, MATERIALS, PRODUCTS, PROCESSES, INFORMATION, OR DATA TO BE FURNISHED HEREUNDER WILL ACCOMPLISH INTENDED RESULTS OR ARE SAFE FOR ANY PURPOSE INCLUDING THE INTENDED PURPOSE; OR THAT ANY OF THE ABOVE WILL NOT INTERFERE WITH PRIVATELY OWNED RIGHTS OF OTHERS. THE GOVERNMENT SHALL NOT BE LIABLE FOR SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES ATTRIBUTED TO SUCH RESEARCH OR RESULTING PRODUCT, INTELLECTUAL PROPERTY, GENERATED INFORMATION, OR PRODUCT MADE OR DELIVERED UNDER THIS AGREEMENT. THIS DISCLAIMER DOES NOT AFFECT ANY RIGHTS THE GOVERNMENT MAY HAVE AGAINST THIRD PARTIES ARISING FROM WORK CONDUCTED IN CONNECTION WITH THIS AGREEMENT.

4. *Contracting Authority.*

- a. Subject to DOE approval as described in this paragraph, the M&O Contractor is hereby authorized to negotiate terms and conditions between the M&O Contractor and third parties when entering into ACT agreements. The M&O Contractor will have no authority to bind the Government in any way with such terms and conditions. The Government will have no obligation to the M&O Contractor due to such terms and conditions.
- b. The M&O Contractor shall submit an ACT proposal package (Package) to the Contracting Officer for approval prior to beginning work under an ACT agreement.
 - i. A complete Package will include at a minimum: the identity of the parties to the ACT agreement; the principal place of performance; any foreign ownership or control of the ACT agreement parties; a Statement of Work; an estimate of costs incurred under the M&O contract; an anticipated schedule; identification of key Government equipment and facilities that will be used under the ACT agreement; a list of expected deliverables; identification of the Intellectual Property (IP) lead and proposed selection of IP rights, as defined in DOE Class Waiver W(C)-2011-013; a signed certification by the private party(ies) that the M&O Contractor offered the option to use CRADA and SPP alternatives (see paragraph 7a) sufficiently such that the private parties are aware of the relative costs and other differences between the ACT agreement and the CRADA and SPP alternatives; source of funds, including a statement that no Federal funds, including pass-through funds received as a subcontractor or partner, are being utilized to fund the agreement; applicable ES&H and NEPA documentation; a statement of consideration, summarizing the risk and/or

- consideration offered the ACT participants in exchange for charging beyond full cost recovery or for other compensation provided by the participants; and when multiple third parties are parties to the ACT agreement, or as otherwise requested by the Contracting Officer, an IP Management Plan that sets forth the proposed disposition of IP rights, and income and royalty sharing, among the parties to an ACT agreement.
- ii. If the M&O Contractor, the M&O Contractor's parent, member, subsidiary, or other entity in which the M&O Contractor, the M&O Contractor's parent, member or subsidiary has an equity interest, is a party to the ACT agreement, the M&O Contractor shall include as necessary a project-specific addendum to the Master OCI Plan in the Package to address special circumstances not fully anticipated in the prior approved Master OCI Plan (see paragraph 7).
 - iii. If the ACT agreement includes a foreign entity as a party or the statement of work includes the use of human subjects, animal subjects, classified or sensitive subject matter or describes a work scope involving high risks or hazards including environmental issues, the M&O Contractor shall include additional information as necessary or as requested by the Contracting Officer.
- c. The Contracting Officer shall use reasonable best efforts to review each complete Package submitted by the M&O Contractor under subparagraph 4.b. of this H-clause within ten (10) business days of receiving the Package and provide the M&O Contractor with approval or non-approval of the Package. The review of the complete Package by the Contracting Officer shall include a determination that the proposed work: (1) is consistent with or complementary to DOE missions and the contract statement of work; (2) will not adversely impact programs under the contract scope of work; (3) will not place the contractor in direct competition with the domestic private sector; and (4) will not create a detrimental future burden on DOE resources.
 - d. Except as conditionally allowed under subparagraph i. below, the Contracting Officer must approve the Package before the M&O Contractor may begin work under the proposed ACT agreement. If the Contracting Officer rejects the Package then the Contracting Officer must provide said rejection to the M&O Contractor in writing including the reasons for the rejection. Upon receipt of the Contracting Officer's written rejection, the M&O Contractor agrees to not further pursue the work described in the package or incur additional costs under the M&O contract for the work described in the Package.
 - i. The M&O Contractor may request a preliminary determination that

the proposed scope of work is consistent with the contract statement of work and the Contracting Officer will use his/her best efforts to provide such a determination within three (3) business days. Upon such a determination from the Contracting Officer, the M&O Contractor may begin work under the ACT agreement at the M&O Contractor's risk pending final approval of the complete Package. The M&O Contractor must submit a complete Package, as identified in subparagraph 4.b. above, within (10) business days of the preliminary determination. All costs associated with the performance of work under a preliminary determination are the responsibility of the M&O Contractor, as no Federal funds will be used to fund any work conducted under this H-clause.

- ii. If the M&O Contractor, the M&O Contractor's parent, member, subsidiary, or other entity in which the M&O Contractor, the M&O Contractor's parent, member or subsidiary has an equity interest, is a party sponsoring work in connection with the ACT agreement, work may not commence until approval of the complete Package by the Contracting Officer.
5. *Advance Payment for ACT Projects.* The M&O Contractor shall be responsible for providing adequate advance payment for ACT work conducted under this H-clause consistent with procedures defined in the Department's Financial Management Handbook. The M&O Contractor shall be solely responsible for collecting payments from third parties for any work conducted under this H-clause and such collections shall be independent of providing advance payment. For such payments and for any costs, obligations, or liabilities arising due to the M&O Contractor's work under this H-clause, the M&O Contractor is entirely at risk and the Government shall have no risk.
 6. *Costs.* All direct costs associated with the M&O Contractor's work conducted under this H-clause shall be directly charged to separate and identifiable accounts in accordance with the requirements of the Department's Financial Management Handbook. An allocable portion of indirect costs normally applied to equivalent work under this M&O contract shall also be applied to work conducted under this H-clause in accordance with the requirements of the Financial Management Handbook. As required by the Financial Management Handbook, changes to the Handbook will be incorporated into this H-clause by a unilateral administrative modification to the contract. In addition, all work must be performed at full costs which would include Federal Administrative Charge (FAC).
 - a. Work conducted under this H-clause shall be excluded from the M&O contract award fee calculations and such fee shall not be allocable to work conducted under this H-clause.
 - b. Federal funds will not be used to fund work conducted under this H-

clause.

7. *Organizational Conflict of Interest.* The M&O Contractor shall conduct work under this H- clause in a manner that minimizes the appearance of conflicts of interest and avoids or mitigates actual conflicts of interest with the M&O Contractor's functions under this M&O contract. Accordingly, the M&O Contractor shall develop an Organizational Conflict of Interest Mitigation Plan (OCI Plan). The OCI Plan should address OCI issues that arise as a result of the M&O Contractor taking a financial interest in ACT projects, especially in those cases where the M&O Contractor retains rights in ACT IP. Said OCI Plan shall be provided to the Contracting Officer for review and approval as soon as practicable after execution of the M&O contract modification incorporating this H-clause into the M&O contract. Unless provided otherwise by the Contracting Officer, no work on ACT agreements may commence before Contracting Officer approval of the OCI Plan. In addition to those elements expressly stated in the OCI Plan, the Department may condition any ACT transaction on such other mitigating conditions it determines are appropriate. The OCI Plan shall, at a minimum, include elements that address the following:

- a. *Full Disclosure.* Before work can begin under an ACT transaction, all parties to ACT agreements must sign a DOE-approved certification that they have been fully informed about the availability of SPP agreements and CRADAs in addition to ACT. The certification at a minimum shall briefly describe SPP agreements, CRADAs and ACT, and will include the relative disposition of IP rights and the costs (including identification of any additional costs e.g. insurance, and other compensation to the M&O Contractor under ACT) for each type of agreement for the scope of work being proposed.
- b. *Priority of Work.* The M&O Contractor shall not give work under ACT any special attention or priority over other work under the DOE M&O contract. Work under ACT shall be approved by the Contracting Officer and assigned the same priority relative to other work under the DOE M&O contract that it would normally have if performed under a non-Federal SPP agreement. The Contracting Officer has discretion to determine the agency's priority of work, considering the M&O Contractor's input.
- c. *Participation by Contractor-related Entity:* Where the M&O Contractor, the M&O Contractor's parent, member, subsidiary, or other entity in which the M&O Contractor, the M&O Contractor's parent, member or subsidiary has an equity interest, is a party to the ACT agreement, the M&O Contractor shall include as necessary an addendum to the OCI Plan to address special circumstances not fully anticipated in the OCI Plan.
- d. *Right of Inquiry for ACT IP Designation.* DOE Patent Counsel may inquire into the M&O Contractor's designation of any invention or data as arising

under an ACT transaction. The M&O Contractor is responsible for curing any defect identified in such inquiry, and if the M&O Contractor cannot adequately justify the designation or cure the defect, then the parties to the ACT agreement may receive modified rights in the IP to the degree necessary to resolve the issues identified by the inquiry.

8. *Intellectual Property*. Disposition of intellectual property (IP) arising from work conducted under this H-clause shall be governed by Class Waiver W(C)-2011-013 (ACT Class Waiver) which is incorporated herein by reference.
- a. All Contractor ACT inventions shall be reported to DOE pursuant to the requirements of the [*cite Patent Rights –M&O contract, Nonprofit Organization or Small Business Firm Contractor*] clause of this M&O contract.
 - b. In reporting ACT inventions, the M&O Contractor shall identify the ACT agreement under which the invention was made and specify the rights reserved by the Government pursuant to the ACT Class Waiver.
 - c. All technical data identified by the ACT client as Protected ACT Information shall also be marked to identify the ACT agreement under which the data was generated.
 - d. The M&O Contractor shall ensure that all rights and obligations concerning ACT IP, including the appropriate IP provisions authorized in the ACT Class Waiver, are clearly provided in ACT agreements, and that all parties granted any rights in ACT IP are informed of the terms of the waived rights, including the rights reserved by the Government.
 - e. Where the M&O Contractor receives ownership or license rights to ACT IP, the M&O Contractor may elect to commercialize the ACT IP consistent with the Technology Transfer Mission clause of this M&O contract.
 - f. As an alternative to subparagraph e., if the M&O Contractor has an authorized Private Funded Technology Transfer (PFTT) program, the M&O Contractor may elect to retain private ownership of the ACT IP and commercialize the IP under its applicable PFTT clause, using its private funds, where no costs for developing, patenting, and marketing will be allowable under this M&O contract. The M&O Contractor will share royalties collected on ACT IP with inventors in accordance with paragraph (h) of the Technology Transfer Mission clause of this M&O contract.
 - g. For ACT projects in which the terms of the Agreement provide that the Government reserves the right to use generated data after the particular project expires, the M&O Contractor must provide to OSTI computer

software produced under the Agreement in both source and executable object code format.

- h. Where terms and conditions governing Data and Subject Inventions under this Contract are inconsistent with the terms of the ACT Class Waiver, the ACT Class Waiver will control.

9. *Contractor Liability and Indemnification.*

a. *General Indemnity.*

- (i) The M&O Contractor agrees to indemnify and hold harmless the Government, the Department, and persons acting on their behalf from all liability, including costs and expenses incurred, to any person, including the ACT participants, for injury to or death of persons or other living things or injury to or destruction of property arising out of the performance of an ACT transaction by the Government, the Department, the M&O Contractor, or persons acting on their behalf, or arising out of the use of the services performed, materials supplied, or information given hereunder by any person including the M&O Contractor, and not directly resulting from the fault or negligence of the Government, the Department, or persons (other than the M&O Contractor) acting on their behalf.
- (ii) Subject to Contracting Officer approval, the General Indemnity set forth in (i) above may be modified or waived where: (1) ACT participants are not providing material or equipment to the M&O Contractor to be used in the performance of the Statement of Work under the ACT transaction; and (2) ACT participants are not sending their employees to the M&O facilities as part of the Statement of Work; and (3) the specific activities performed under the ACT transaction are normally performed by the DOE M&O Contractor under the DOE contract.
- (iii) Notwithstanding the provisions in a (i) and a (ii) above, the M&O Contractor shall indemnify and hold harmless the Government, the Department, and persons acting on their behalf for loss, damage, or destruction of Government property resulting from the fault or negligence of the M&O Contractor. Such indemnification shall be subject to a liability limit of \$2,000,000 (two million dollars) per year, or such greater liability limit approved by the cognizant DOE/NNSA Contracting Officer under the DOE contract. Above the applicable liability limit, the M&O Contractor's responsibility to the Government for such loss, damage or destruction, shall be as set forth in the "Property" clause of this contract.

- b. *Intellectual Property Indemnity.* The M&O Contractor shall indemnify the Government, its agents, and employees against liability, including costs,

for infringement of any United States patent, copyright, or other intellectual property arising out of any acts required or directed to be performed under the Statement of Work under an ACT transaction to the extent such acts are not already performed at the M&O contract facilities. Such indemnity shall not apply to a claimed infringement that is settled without the consent of the M&O Contractor unless required by a court of competent jurisdiction.

c. *Product Liability Indemnity.*

(i) Except for any liability resulting from any negligent acts or omissions of the Government, the M&O Contractor agrees to indemnify the Government for all damages, costs, and expenses, including attorney's fees, arising from personal injury or property damage occurring as a result of the making, using, or selling of a product, process, or service by or on behalf of the ACT participants or the M&O Contractor, their assignees, or licensees, which was derived from the work performed under ACT transactions. With respect to this H-clause, neither the Government nor the M&O Contractor shall be considered assignees or licensees as a result of reserved Government rights in ACT IP. The indemnity set forth in this paragraph shall apply only if the M&O Contractor shall have been informed as soon and as completely as practical by the Government of the action alleging such claim and shall have been given an opportunity, to the maximum extent afforded by applicable laws, rules, or regulations, to participate in and control its defense, and the Government shall have provided all reasonably available information and reasonable assistance requested by the M&O Contractor. No settlement for which the M&O Contractor would be responsible shall be made without the M&O Contractor's consent, unless required by final decree of a court of competent jurisdiction.

(ii) Where the M&O Contractor assigns the responsibility for indemnifying the Government under subparagraph c(i) above to other ACT participants, the M&O Contractor agrees to seek such indemnification from the other ACT participants.

d. *Claims and Liabilities.* Claims and liabilities resulting from the M&O Contractor's performance of work under an ACT transaction authorized pursuant to this H-clause shall not be subject to the M&O contract clause entitled "Insurance - Litigation and Claims." In no event shall the M&O Contractor be reimbursed under the M&O contract for liabilities (and expenses incidental to such liabilities, including litigation costs, counsel fees, and judgment and settlements) incurred as a result of third party claims related to the M&O Contractor's performance under this H-clause.

- e. *Government Obligations.* The M&O Contractor shall not include any guarantee or requirement that will obligate the Government to pay or incur any costs or create any liability on behalf of the Government in any ACT agreement or commitment the M&O Contractor executes under authority of this H-clause. The M&O Contractor agrees if the Contractor does include such a guarantee or requirement, it will have no effect on the Government, such that, the M&O Contractor will be responsible for any costs or liability due to such a guarantee or requirement.
 - f. *Insurance.* Any cost of insurance to cover risks of the M&O Contractor associated with ACT agreements is unallowable under this contract.
10. *ACT Records.* All records associated with the M&O Contractor's activities conducted under the authority of this H-clause, with the exception of information required under paragraphs 3e, 4.b.i, and 13 shall be treated as M&O Contractor-owned records under the provisions of the Access to and Ownership of Records clause of this M&O contract. The Government or its designees shall use such records in accordance with applicable Federal laws (including the Privacy Act), as appropriate.
11. *Termination.* The Government or the M&O Contractor may terminate ACT authority under this contract by providing written notification of termination to the other party (Contracting Officer or the M&O Contractor) as appropriate, no less than 60 days prior to the requested termination date. In such cases, the M&O Contractor shall provide DOE a comprehensive list of active ACT projects. DOE anticipates work commitments under these agreements will be completed regardless of termination. All costs associated with early termination of any ACT agreements prior to the completion shall be the responsibility of the M&O Contractor.
12. *Successor M&O Contractor.* To minimize the potential for negative Government programmatic impact and to facilitate seamless transition of work to a successor M&O Contractor, ACT agreement(s) executed under this H-clause and any contractual instruments associated therewith may be novated to the successor M&O Contractor with the mutual consent of the M&O Contractor, the successor M&O Contractor, and the parties to the affected ACT agreement(s). If the ACT agreement(s) cannot be novated, then the M&O Contractor as a private sponsor shall be permitted to enter into a Non-Federal SPP agreement with the successor M&O Contractor that will enable completion of the statement of work. Such agreements shall be entered into pursuant to DOE SPP policies. DOE shall make good faith efforts to incorporate the terms of the applicable ACT agreement.
13. *Minimum Reporting requirements.* The M&O Contractor shall maintain records of its activities related to ACT in a manner and to the extent satisfactory to DOE and specifically including, but not limited to the number of ACT agreements, the

amount of funds reimbursed to DOE for work under ACT and aggregate funding received beyond costs in the performance of ACT, the number of third party entities engaged through ACT that had not previously sponsored projects under the M&O contract and the number that had not previously sponsored projects under any DOE/NNSA M&O contract, the amount of funds reimbursed to DOE by newly engaged entities, the number of parties and types of entities engaged in each individual ACT agreement, and the number of invention disclosures, licenses and start-ups arising from ACT. The M&O Contractor shall establish performance metric(s) to measure the time required to negotiate ACT agreements in a manner consistent with the time required to negotiate CRADAs and SPPs. The M&O Contractor shall obtain from each entity engaged in ACT the entity's reason(s) for selecting ACT for performance of work under the M&O contract. Also, the M&O Contractor shall report the above identified data annually to the DOE Contracting Officer and in such a format which will serve to adequately inform DOE of the Contractor's activities under ACT while protecting any data not subject to disclosure under this M&O contract. Such records shall be made available in accordance with the clauses of this M&O contract pertaining to inspection, audit and examination of records.

(End of Clause)

[M1348]

H-30 No Third Party Beneficiaries

This Contract is for the exclusive benefit and convenience of the parties hereto. Nothing contained herein shall be construed as granting, vesting, creating, or conferring any right of action or any other right or benefit upon past, present, or future employees of the Contractor, or upon any other third party. This provision is not intended to limit or impair the rights which any person may have under applicable Federal statutes.

(End of clause)

[M943]

H-31 Employee Compensation: Pay and Benefits

(a) Contractor Employee Compensation System

The Contractor shall develop, implement and maintain formal policies, practices and procedures to be used in the administration of its compensation system consistent with FAR 31.205-6 and DEAR 970.3102-05-6; "Compensation for Personal Services." DOE-approved standards, if any, shall be applied to the Total Compensation System. The Contractor's Total Compensation System shall be fully documented, consistently applied, and acceptable to the Contracting Officer. Periodic appraisals of contractor performance with respect to the Contractors' Total Compensation System will be conducted. Costs incurred in implementing the Total

Compensation System shall be consistent with the Contractor's documented Contractor Employee Compensation Plan as approved by the Contracting Officer.

- (1) The description of the Contractor Employee Compensation Program should include the following components;
 - a. Philosophy and strategy for all pay delivery programs.
 - b. System for establishing a job worth hierarchy.
 - c. Method for relating internal job worth hierarchy to external market.
 - d. System that links individual and/or group performance to compensation decisions.
 - e. Method for planning and monitoring the expenditure of funds.
 - f. Method for ensuring compliance with applicable laws and regulations.
 - g. System for communicating the programs to employees.
 - h. System for internal controls and self-assessment.
 - i. System to ensure that reimbursement of compensation, including stipends, for employees who are on joint appointments with a parent or other organization shall be on a pro-rated basis.

(b) Reports and Information

The Contractor shall provide the Contracting Officer with the following reports and information with respect to pay and benefits provided under this Contract:

- (1) An Annual Contractor Salary-Wage Increase Expenditure Report to include, at a minimum, breakouts for merit, promotion, variable pay, special adjustments, and structure movements for each pay structure showing actual against approved amounts and planned distribution of funds for the following year.
- (2) A list of the top five most highly compensated Contractor employees and their total cash compensation as defined in FAR 31.205-6(p)(1)(i) at the time of Contract award, and at the time of any subsequent change to their total cash compensation no later than March 1st of each year.

Section 702 of the Bipartisan Budget Act of 2013 (BBA; Pub. L. 113-

67, December 26, 2013) establishes a cap on the reimbursement of compensation costs for contractor employees, adjusted annually to reflect the change in the Employment Cost Index for all workers as calculated by the Bureau of Labor Statistics (BLS). [M1453]

- (3) An Annual Compensation and Benefits Report no later than March 15th of each year.

(c) Pay and Benefit Programs

The Contractor shall maintain pay and benefit programs for its employees; provided, however, that employees scheduled to work fewer than 20 hours per week receive only those benefits required by law. Employees are eligible for benefits, subject to the terms, conditions, and limitations of each benefit program.

(1) Cash Compensation

- (A) The Contractor shall submit the following, as applicable, to the Contracting Officer for a determination of cost allowability for reimbursement under the Contract:
 - (i) Any proposed major compensation program design changes prior to implementation.
 - (ii) Variable pay programs/incentives. If not already authorized under Appendix A of the contract, a justification shall be provided with proposed costs and impacts to budget, if any.
 - (iii) A Compensation Increase Plan (CIP). A Contractor that meets the criteria, as set forth below, is not required to submit a CIP request to the Contracting Officer for an advance determination of cost allowability for a Merit Increase fund or Promotion/Adjustment fund unless Departmental policy exists to the contrary (.e.g. Secretarial Pay freeze):
 - (1) The Merit Increase fund does not exceed the mean percent increase included in the annual Departmental guidance providing the WorldatWork Salary Budget Survey's salary increase projected for the CIP year. The Promotion/Adjustment fund does not exceed the mean WorldatWork promotional increases projected for the CIP year and communicated through the annual Department CIP guidance. [M1453]
 - (2) The budget used for both Merit Increase funds and Promotion/Adjustment funds shall be based on the payroll for the end of the previous CIP year.

- (3) Salary structure adjustments do not exceed the mean WorldatWork structure adjustments projected for the CIP year and communicated through the annual Department CIP guidance.

Please note: No later than the first day of the CIP cycle, Contractors must provide notification to the Contracting Officer of planned increases and position to market data by mutually agreed-upon employment categories.

- (iv) If a Contractor does not meet the criteria included in (iii) above, a CIP must be submitted to the Contracting Officer for an advance determination of cost allowability, unless the Contracting Officer, in accordance with subparagraph (n) obtains an audit of the Contractor's compensation and benefits system and of its incurred costs from either DCAA, or an independent public accounting firm under the DOE contract for such services.

Otherwise, the CIP should include the following components and data:

- (1) Market analysis summary, including a comparison of average pay to market average pay.
- (2) Information regarding surveys used for comparison.
- (3) Aging factors used for escalating survey data and supporting information.
- (4) Projection of escalation in the market and supporting information.
- (5) Information to support proposed structure adjustments, if any.
- (6) Analysis to support special adjustments or promotions that exceed the mean WorldatWork promotional increases projected for the CIP year and communicated through the annual Department CIP guidance. **[M1453]**
- (7) Funding requests for each pay structure to include breakouts of merit, promotions, variable pay, special adjustments, and structure movement for each Employee Group (i.e., S&E, Administrative, Technical, Exempt/Non-Exempt). (a) The proposed plan totals shall be expressed as a percentage of the payroll for the end of the previous CIP year. (b) All pay actions granted under the compensation increase plan are fully charged when they occur regardless of time of year in which the action transpires and whether the employee terminates before year end. (c) Specific payroll groups (e.g., exempt,

- nonexempt) for which CIP amounts are intended shall be defined by mutual agreement between the Contractor and the Contracting Officer. (d) The Contracting Officer may adjust the CIP amount after approval based on major changes in factors that significantly affect the plan amount (for example, in the event of a major reduction in force or significant ramp-up).
- (8) A discussion of the impact of budget and business constraints on the CIP amount.
 - (9) Comparison of pay to relevant factors other than market average pay.
 - (10) Discussion of recruitment/retention issues (e.g., turnover and hiring) relevant to the proposed increase amounts.
- (v) The Contractor may make, without CO Approval, minor shifts of merit funds between Merit and Promotion/Adjustment funds after approval of the CIP or if criteria under (c)(1)(A)(iii) was met, in order to meet the compensation requirements of its organization, subject to the following guidelines:
- (1) Minor shift is defined as up to 25% of the specific fund from which funds are being transferred, the contractor may, with CO approval, shift additional funds in justified instances.
 - (2) Contractors will notify the Contracting Officer that funds have been shifted.
- (vi) Individual compensation actions for the top contractor official (e.g., laboratory director/plant manager or equivalent) and Key Personnel not included in the CIP. For those Key Personnel included in the CIP, DOE will approve salaries upon the initial contract award and when Key Personnel are replaced during the life of the contract. DOE will have access to all individual salary reimbursements. This access is provided for transparency; DOE will not approve individual salary actions (except as previously stated).
- (B) The Contracting Officer's approval of individual compensation actions will be required only for the top contractor official (e.g., laboratory director/plant manager or equivalent) and Key Personnel as stated in (c)(1)(A)(vi) above. The base salary reimbursement level for the top contractor official establishes the maximum allowable salary reimbursement under the contract. The contractor shall not be reimbursed for the top contractor official's incentive compensation. The base salary reimbursement level for the top contractor official establishes the maximum allowable salary reimbursement under the

contract when compared to subordinate compensation, which would include base salary and any potential incentive compensation under an incentive compensation agreement. Unusual circumstances may require a deviation for an individual on a case-by-case basis. Any such deviations must be approved by the Contracting Officer.

- (C) Severance Pay is not payable to an employee under this Contract if the employee:
- (i) Voluntarily separates, resigns or retires from employment, (unless associated with a workforce restructuring action in accordance with Appendix A, Section XI, Reductions in Contractor Employment)
 - (ii) Is offered employment with a successor/replacement Contractor,
 - (iii) Is offered employment with a parent or affiliated company, or
 - (iv) Is discharged for cause.
- (D) Service Credit for purposes of determining severance pay does not include any period of prior service for which severance pay has been previously paid through a DOE cost-reimbursement contract.

(d) Pension and Other Benefit Programs

- (1) No presumption of allowability will exist when the Contractor implements a new benefit plan, or makes changes to existing benefit plans, and the Contractor has not provided the Contracting Officer the opportunity to review the allowability of the changes prior to implementation. The Contractor shall submit for prior approval any benefit plan changes not associated with pensions that result in increases in costs if the value of the change is \$250,000 or greater. Notification is only necessary for those benefit plan changes (excluding pension and postretirement benefit changes) valued at \$250,000 or less. The Contractor shall submit for prior approval benefit changes that result in increases to the Department's long-term pension and other actuarial liabilities that are reported in the Department's financial statement and increases in other benefits such as paid time off, insurance and employer contributions for defined contribution pension plans regardless of dollar value. Examples of benefits changes that increase the Department's long-term liabilities include defined benefit pension plan changes and postretirement benefits other than pensions. Any changes made by the Contractor shall be in accordance with and pursuant to the terms and conditions of the contract. Advance notification, rather than approval, is required for changes that do not increase costs and are not contrary to Departmental policy or written instruction. **[M1453]**
- (2) The "Employee Benefits Value Study" and an "Employee Benefits Cost Survey Comparison" are methodologies designed to assist the Contracting

Officer, in Contract Administration and oversight. As an alternative to Employee Benefits Cost Survey Comparison, the Contracting Officer may obtain an audit of the Contractor's compensation and benefits system and of its incurred costs from either DCAA, or from DOE's independent public accounting firm (under contract with DOE) in accordance with subparagraph (m) to assist in determining whether costs are reasonable, allowable, allocable, and in accordance with the terms of the Contract.
[M1453]

- (3) Unless otherwise stated, or as directed by the Contracting Officer, the Contractor shall submit the studies required in paragraphs (A) and (B) below. The studies shall be used by the Contractor in calculating the cost of benefits under existing benefit plans. An Employee Benefits Value (Ben-Val) Study Method using no less than 15 comparator organizations and an Employee Benefits Cost Survey comparison Method shall be used in this evaluation to establish an appropriate comparison method. In addition, the Contractor shall submit updated studies to the Contracting Officer for approval prior to the adoption of any change to a pension or other benefit plan which increases costs.
 - (A) The Ben-Val, every three years for each benefit tier (e.g., group of employees receiving a benefit package based on date of hire), which is an actuarial study of the relative value (RV) of the benefits programs offered by the Contractor to Employees measured against the RV of benefit programs offered by the Contracting Officer approved comparator companies. To the extent that the value studies do not address post retirement benefits other than pensions, the Contractor shall provide a separate cost and plan design data comparison for the post retirement benefits other than pensions using external benchmarks derived from nationally recognized and Contracting Officer approved survey sources.
 - (B) An Employee Benefits Cost Study Comparison, annually for each benefit tier that analyzes the Contractor's employee benefits cost for Employees as a percent of payroll and compares it with the cost as a percent of payroll, including geographic factor adjustments, reported by the U.S. Department of Labor's Bureau of Labor Statistics or other Contracting Officer approved broad based national survey. Alternatively, in accordance with subparagraph (m) the Contracting Officer may obtain an audit of the Contractor's compensation and benefits system and of its incurred costs from either DCAA or from DOE's independent public accounting firm (under contract with DOE), and not require the submission of an Employee Benefits Cost Study.

- (4) When the net benefit value exceeds the comparator group by more than the percentage threshold established by the Head of the Contracting Activity the Contractor shall submit a corrective action plan to the Contracting Officer for approval, when and if requested in writing by the Contracting Officer.
- (5) When the benefit costs as a percent of payroll exceed the comparator group by more than the percentage threshold established by the Head of the Contracting Activity, when and if required by the Contracting Officer, the Contractor shall submit an analysis of the specific plan costs that result in or contribute to the percent of payroll exceeding the costs of the comparator group and submit a corrective action plan if directed by the Contracting Officer.
- (6) Within two years, or longer period as agreed to between the Contractor and the Contracting Officer, of Contracting Officer acceptance of the Contractor's corrective action plan, the Contractor shall align employee benefit programs with the benefit value and cost as percent of payroll in accordance with its corrective action plan.
- (7) The Contractor may not terminate any benefit plan during the term of the Contract without the prior approval of the Contracting Officer in writing.
- (8) Cost reimbursement for post-retirement benefits other than pensions (PRBs) is contingent on DOE approved service eligibility requirements for PRB that shall be based on a minimum period of continuous employment service not less than 5 years under a DOE cost reimbursement contract(s) immediately prior to retirement. Unless required by Federal or State law, advance funding of PRBs is not allowable.
- (9) Each Contractor sponsoring a Defined Benefit pension plan and/or postretirement benefit plan will participate in the annual plan management process which includes written responses to a questionnaire regarding plan management, providing forecasted estimates of future reimbursements in connection with the plan(s) and participating in a conference call to discuss the Contractor submission (see (g)(6) below for Pension Management Plan requirements).
- (10) Each Contractor will respond to quarterly data calls issued through iBenefits, or its successor system.
- (11) The Contractor previously established an account in a voluntary employees beneficiary association (VEBA) to accrue funds to pay its portion of the retiree medical liability attributable to non-1830 contract commitments. As of the effective date of this contract, and concurrent with the cessation of non-

1830 work, the VEBA assets exceed the Contractor's corresponding non-1830 liability for retiree medical. In addition, non-1830 pension assets satisfy the non-1830 liability. The Contractor will not seek reimbursement for the value of the excess VEBA assets but will apply such excess to future retiree medical claims in recognition that the Contractor has no further non-1830 liability under the pension plan or the retiree medical plan prior to the effective date of this contract. The Contractor will not seek reimbursement from DOE for retiree medical claims paid from the VEBA until the assets of the VEBA have been exhausted. The Contractor will provide an annual report to the Contracting Officer on the benefits paid from the VEBA in the fiscal year as well as the balance of VEBA assets remaining at the end of the fiscal year.”

(e) Establishment and Maintenance of Pension Plans for which DOE Reimburses Costs

- (1) Employees working for the Contractor shall only accrue credit for service under this Contract and the prior Use Permit Agreement (1831 agreement) after the date of original Contract award. For vesting and participation purposes, service under other members of the controlled group will be included as required by law.
- (2) Except for Commingled Plans in existence as of the effective date of the Contract, any pension plan maintained by the Contractor for which DOE reimburses costs, shall be maintained as a separate pension plan distinct from any other pension plan that provides credit for service not performed under a DOE cost-reimbursement contract. When deemed appropriate by the Contracting Officer, Commingled Plans shall be converted to separate plans at the time of new contract award or the extension of a contract.

(f) Basic Requirements

The Contractor shall adhere to the requirements set forth below in the establishment and administration of pension plans that are reimbursed by DOE pursuant to cost reimbursement contracts for management and operation of DOE facilities and pursuant to other cost reimbursement facilities contracts. Pension Plans include Defined Benefit and Defined Contribution plans.

- (1) The Contractor shall become a sponsor of the existing pension and other benefit plans (or comparable successor plans), including other PRB plans, as applicable, with responsibility for management and administration of the plans. The Contractor shall be responsible for maintaining the qualified status of those plans consistent with the requirements of ERISA and the Internal Revenue Code (IRC). The Contractor shall carry over the length of service credit and leave balances accrued as of the date of the Contractor's assumption of Contract performance.

- (2) Each Contractor defined benefit and defined contribution pension plan shall be subjected to a limited-scope audit annually that satisfies the requirements of ERISA section 103, except that every third year the contractor must conduct a full-scope audit of defined benefit plan(s) satisfying ERISA section 103. Alternatively, the contractor may conduct a full-scope audit satisfying ERISA section 103 annually. In all cases, the Contractor must submit the audit results to the Contracting Officer. In years in which a limited scope audit is conducted, the Contractor must provide the Contracting Officer with a copy of the qualified trustee or custodian's certification regarding the investment information that provides the basis for the plan sponsor to satisfy reporting requirements under ERISA section 104.

While there is no requirement to submit a full scope audit for defined contribution plans, contractors are responsible for maintaining adequate controls for ensuring that defined contribution plan assets are correctly recorded and allocated to plan participants.

- (3) For existing Commingled Plans, the Contractor shall maintain and provide annual separate accounting of DOE liabilities and assets as for a Separate Plan.
 - (4) For existing Commingled Plans, the Contractor shall be liable for any shortfall in the plan assets caused by funding or events unrelated to DOE contracts.
 - (5) The Contractor shall comply with the requirements of ERISA if applicable to the pension plan and any other applicable laws.
 - (6) The Pension Management Plan (PMP) shall include a discussion of the Contractor's plans for management and administration of all pension plans consistent with the terms of the Contract. The PMP shall be submitted in the iBenefits system, or its successor system no later than January 31st of each applicable year. A full description of the necessary reporting will be provided in the annual management plan data request. Within sixty (60) days after the date of the submission, appropriate Contractor representatives shall participate in a conference call to discuss the Contractor's PMP submission and any other current plan issues or concerns.
- (g) Reimbursement of Contractors for Contributions to Defined Benefit Pension Plans
- (1) Contractors that sponsor single employer or multiple employer defined benefit pension plans will be reimbursed for the annual required minimum contributions under the Employee Retirement Income Security Act (ERISA),

as amended by the Pension Protection Act (PPA) of 2006 and any other subsequent amendments. Reimbursement above the annual minimum required contribution will require prior approval of the Contracting Officer. Minimum required contribution amounts will take into consideration all pre-funding balances and funding standard carryover balances. Early in the fiscal year but no later than the end of November, the Contractor requesting above the minimum may submit/update a business case for funding above the minimum if preliminary approval is needed prior to the Pension Management Plan process. The business case shall include a projection of the annual minimum required contribution and the proposed contribution above the minimum. The submission of the business case will provide the opportunity for the Department to provide preliminary approval, within 30 days after contractor submission, pending receipt of final estimates, generally after January 1st of the calendar year. Final approval of funding will be communicated by the Head of Contracting Activity (HCA) when discount rates are finalized and it is known whether there are any budget issues with the proposed contribution amount.

- (2) Contractors that sponsor multi-employer DB pension plans will be reimbursed for pension contributions in the amounts necessary to ensure that the plans are funded to meet the annual minimum requirement under ERISA, as amended by the PPA. However, reimbursement for pension contributions above the annual minimum contribution required under ERISA, as amended by the PPA, will require prior approval of the Contracting Officer and will be considered on a case by case basis. Reimbursement amounts will take into consideration all pre-funding balances and funding standard carryover balances. Early in the fiscal year but no later than the end of November, the Contractor requesting above the minimum may submit/update a business case for funding above the minimum if preliminary approval is needed prior to the Pension Management Plan process. The business case shall include a projection of the annual minimum required contribution and the proposed contribution above the minimum. The submission of the business case will provide the opportunity for the Department to provide preliminary approval, within 30 days after contractor submission, pending receipt of final estimates, generally after January 1st of the calendar year. Final approval of funding will be communicated by the HCA when discount rates are finalized and it is known whether there are any budget issues with the proposed contribution amount.

(h) Reporting Requirements for Designated Contracts

The following reports shall be submitted to DOE as soon as possible after the last day of the plan year by the Contractor responsible for each designated pension plan funded by DOE but no later than the dates specified below:

- (1) Actuarial Valuation Reports. The annual actuarial valuation report for each DOE-reimbursed pension plan and when a pension plan is commingled, the Contractor shall submit separate reports for DOE's portion and the plan total by the due date for filing IRS Form 5500.
- (2) Forms 5300. Copies of all forms in the 5300 series submitted to the IRS that document the establishment, amendment, termination, spin-off, or merger of a plan submitted to the IRS. **[M1453]**

(i) Changes to Pension and PRB Plans

No presumption of allowability will exist when the Contractor makes changes to existing pension plans or PRB plans, and the Contractor has not provided the Contracting Officer the opportunity to review the allowability of the changes prior to implementation. The Contractor shall submit for prior approval changes that result in increases to the Department's long-term pension and PRB liabilities that are reported in the Department's financial statement. Examples of changes that increase the Department's long-term liabilities include defined benefit pension plan changes and PRB plan changes. At least sixty (60) days prior to the adoption of any changes to a pension plan, the Contractor shall submit the information required below to the Contracting Officer. The Contracting Officer must approve plan changes that increase costs that increase the Department's long-term liabilities as part of a determination as to whether the costs are deemed allowable pursuant to FAR 31.205-6, as supplemented by DEAR 970.3102-05-6. **[M1453]**

- (1) For proposed changes to pension plans and pension plan funding, the Contractor shall provide the following to the Contracting Officer:
 - (A) a copy of the current plan document (as conformed to show all prior plan amendments), with the proposed new amendment indicated in redline/strikeout;
 - (B) an analysis of the impact of any proposed changes on actuarial accrued liabilities and costs;
 - (C) except in circumstances where the Contracting Officer indicates that it is unnecessary, a legal explanation of the proposed changes from the counsel used by the plan for purposes of compliance with all legal requirements applicable to private sector defined benefit pension plans;
 - (D) the Summary Plan Description; and,
 - (E) any such additional information as requested by the Contracting Officer.
- (2) Contractors shall submit new benefit plans and changes to plan design or funding methodology with justification to the Contracting Officer for approval, as applicable [see (d)(1) above]. The justification must:

- (A) demonstrate the effect of the plan changes on the contract net benefit value or percent of payroll benefit costs,
- (B) provide the dollar estimate of savings or costs, and
- (C) provide the basis of determining the estimated savings or cost.

(j) Terminating Operations

When operations at a designated DOE facility are terminated and no further work is to occur under the prime contract, the following apply:

- (1) No further benefits for service shall accrue.
- (2) The Contractor shall provide a determination statement in its settlement proposal, defining and identifying all liabilities and assets attributable to the DOE contract.
- (3) The Contractor shall base its pension liabilities attributable to DOE contract work on the market value of annuities or lump sum payments or dispose of such liabilities through a competitive purchase of annuities or lump sum payouts.
- (4) Assets shall be determined using the “accrual-basis market value” on the date of termination of operations.
- (5) DOE and the Contractor(s) shall establish an effective date for spinoff or plan termination. On the same day as the Contractor notifies the IRS of the spinoff or plan termination, all plan assets assigned to a spun-off or terminating plan shall be placed in a low-risk liability matching portfolio until the successor trustee, or an insurance company, is able to assume stewardship of those assets.

(k) Terminating Plans

- (1) DOE contractors shall not terminate any pension plan (Commingled or site specific) without requesting Departmental approval at least 60 days prior to the scheduled date of plan termination. **[M1453]**
- (2) To the extent possible, the Contractor shall satisfy plan liabilities to plan participants by the purchase of annuities through competitive bidding on the open annuity market or lump sum payouts. The Contractor shall apply the assumptions and procedures of the Pension Benefit Guaranty Corporation. **[M1453]**
- (3) Funds to be paid or transferred to any party as a result of settlements relating to pension plan termination or reassignment shall accrue interest from the effective date of termination or reassignment until the date of payment or

transfer. [M1453]

- (4) If ERISA or IRC rules prevent a full transfer of excess DOE reimbursed assets from the terminated plan, the Contractor shall pay any deficiency directly to DOE according to a schedule of payments to be negotiated by the parties. [M1453]
 - (5) On or before the same day as the Contractor notifies the IRS of the spinoff or plan termination, all plan assets assigned to a spun-off or terminating plan shall be placed in a low-risk liability matching portfolio until the successor trustee, or an insurance company, is able to assume stewardship of those assets. [M1453]
 - (6) DOE liability to a Commingled pension plan shall not exceed that portion which corresponds to DOE contract service. The DOE shall have no other liability to the plan, to the plan sponsor, or to the plan participants.
 - (7) After all liabilities of the plan are satisfied, the Contractor shall return to DOE an amount equaling the asset reversion from the plan termination and any earnings which accrue on that amount because of a delay in the payment to DOE. Such amount and such earnings shall be subject to DOE audit. To effect the purposes of this paragraph, DOE and the contractor may stipulate to a schedule of payments.
- (l) Special Programs
Contractors must advise DOE and receive prior approval for each early-out program, window benefit, disability program, plan-loan feature, employee contribution refund, asset reversion, or incidental benefit.
- (m) Alternate Contractor Human Resource Requirements
Alternatively, the Contracting Officer may obtain an audit of the Contractor's compensation and benefits system and of its incurred costs from either DCAA or from DOE's independent public accounting firm (under contract with DOE); if the Contracting Officer does, the Contractor will not be required to submit the:
- (A) Compensation Increase Plan; and/or
 - (B) Employee Benefits Cost Study.
- (n) Definitions
- (1) Commingled Plans. Cover employees from the Contractor's private operations and its DOE contract work. As of 10/01/2012, the PNNL plan does not qualify as a Commingled Plan.

- (2) Current Liability. The sum of all plan liabilities to employees and their beneficiaries. Current liability includes only benefits accrued to the date of valuation. This liability is commonly expressed as a present value.
- (3) Defined Benefit Pension Plan. Provides a specific benefit at retirement that is determined pursuant to the formula in the pension plan document.
- (4) Defined Contribution Pension Plan. Provides benefits to each participant based on the amount held in the participant's account. Funds in the account may be comprised of employer contributions, employee contributions, investment returns on behalf of that plan participant and/or other amounts credited to the participant's account.
- (5) Designated Contract. For purposes of this clause, a contract (other than a prime cost reimbursement contract for management and operation of a DOE facility) for which the Head of the Departmental Contracting Activity determines that advance pension understandings are necessary or where there is a continuing Departmental obligation to the pension plan.
- (6) Pension Fund. The portfolio of investments and cash provided by employer and employee contributions and investment returns. A pension fund exists to defray pension plan benefit outlays and (at the option of the plan sponsor) the administrative expenses of the plan.
- (7) Separate Accounting. Account records established and maintained within a commingled plan for assets and liabilities attributable to DOE contract service. NOTE: The assets so represented are not for the exclusive benefit of any one group of plan participants.
- (8) Separate Plan. Must satisfy IRC Sec. 414(l) definition of a single plan, designate assets for the exclusive benefit of employees under DOE contract, exist under a separate plan document (having its own Department of Labor plan number) that is distinct from corporate plan documents and identify the Contractor as the plan sponsor.
- (9) Spun-off Plan. A new plan which satisfies IRC Reg. 1.414 (l)-1 requirements for a single plan and which is created by separating assets and liabilities from a larger original plan. The funding level of each individual participant's benefits shall be no less than before the event, when calculated on a "plan termination basis."

(End of Clause)

H-32 Group Pension Plans

Staff members of the Contractor's Pacific Northwest National Laboratories (PNNL) assigned to or performing work under the Contract may participate in the Contractor's Group Pension Plans (the Plans) applicable to PNNL in accordance with the terms of the Plans. The Group Pension Plans are trusteed plans described in items (a) and (b) below and with respect to the Plans, the Contractor and DOE agree as follows:

- (a) "Pension Plan of Pacific Northwest Laboratories, Battelle Memorial Institute," [PNNL Plan] (applicable to non-bargaining unit employees) effective July 1, 1987, and as the foregoing PNNL Plan may be amended from time to time by the Contractor's Board of Trustees; and as determined to be reimbursable by the DOE Contracting Officer.
- (b) "Hanford Contractors Multi Employer Defined Benefit Pension Plan for HAMTC Represented Employees," [HAMTC Plan] (applicable to bargaining unit employees) effective April 1, 1987; and, as the foregoing HAMTC Plan may be amended from time to time by the Plan Administrator in cooperation with the Administrative Committee; as determined to be reimbursable by the DOE Contracting Officer.
- (c) To the extent practicable all non-settlor administrative costs shall be charged to the pension plan rather than to the operating budget to the maximum extent permitted by Department of Labor regulations.
- (d) Payments and Transfers of Assets
 - (1) If transfers of Plan assets are made to a successor plan in the form of investment holdings, such holdings shall include cash, equity securities, and fixed income securities. Such assets shall be allocated on a pro rata basis, with the prorating for fixed income assets based on rating and sector classification.
 - (2) Battelle will transfer Plan assets at a rate at least sufficient to meet the cash flow requirements of transferred staff members who go into benefit status after the effective date of Contract termination.
- (e) With respect to the Multi-Employer Pension Plan for HAMTC Represented Employees (paragraph (b) above), the Contractor and DOE agree that effective April 1, 1987, pursuant to a collective bargaining agreement, the Contractor became a participating employer in the Hanford Contractor Multi-Employer Pension Plan for HAMTC Represented Employees. All assets and liabilities of the "Employees Retirement Plan of Battelle Memorial Institute" were transferred to and merged with the said Multi-Employer Plan.
- (f) The HAMTC Plan fund, not the Contractor, shall be liable for costs incurred in the course of administration (actuary fees, reports, and similar expenses); provided, however, that costs for employee communications, sign up and

termination, payroll, and similar expenses are allowable as normal operating expenses to the extent applicable to work under the Contract.

- (g) Upon expiration or termination of the Contract, all liability of the Contractor with respect to the HAMTC Plan shall cease. The Contractor shall have no claim to any HAMTC Plan assets in excess of HAMTC Plan liabilities, nor shall the Contractor be required to fund any excess of HAMTC Plan liabilities over HAMTC Plan assets. DOE agrees that all costs, including cost of defense, from any withdrawal liability arising under federal law by reason of the Contractor's withdrawal from the Multi-Employer Plan shall be an allowable cost under the Contract subject to the provisions of paragraph (j) of the clause entitled "Payments and Advances".

(End of Clause)

[M991]

H-33 Group Savings Plans

The Contractor maintains or is a participating employer in savings plans for eligible non-bargaining employees. In addition, the Contractor is a participating employer in a multi-employer plan for bargaining unit employees. The savings plans are trustee plans described in the following two documents entitled "Battelle Employees' Savings Plan", and "Hanford Contractors Multi-Employer Savings Plan for HAMTC Represented Employees." The plans must be established and maintained as qualified defined contribution plans under the regulations of the Internal Revenue Service. The Plan and Trust documents and any amendments thereto which effect substantive changes or increase costs are subject to the approval of the Contracting Officer. With respect to the Plans, the parties agree as follows:

- (a) Costs of employer matching contributions incurred and accrued under the terms of the Plans are allowable to the extent applicable to Contract work. To the extent permitted by law or regulation, the Plans funds, not the Contractor, shall be liable for the costs of administration.
- (b) The Contractor will provide the Contracting Officer with annual accounting reports within eight months after the close of a Plan year. A copy of IRS Form 5500, together with any supplemental or supporting documents submitted therewith, will be provided to DOE each year when prepared by the Contractor, which may be provided in lieu of the accounting report required by this provision.
- (c) Employee forfeitures of accrued benefits shall be in accordance with the terms of the Plans and such forfeitures shall be used to reduce Contractor contributions made on behalf of remaining participating employees.
- (d) In the event of Contract expiration or termination, the Contractor, if requested by DOE to do so, will transfer assets and liabilities to a replacement contractor's plan.

- (e) In the event of Plan terminations, vest immediately one hundred percent in the Plan participants' individual accounts.
- (f) Upon expiration or termination of the Contract, all liability of the Contractor with respect to the Hanford Contractors Multi-Employer Savings Plan for HAMTC Represented Employees shall cease. DOE agrees that all costs, including cost of defense from any withdrawal liability arising under federal law by reason of the Contractor's withdrawal from the Multi-Employer Plan shall be an allowable cost under the Contract, subject to the provisions of paragraph (j) of the clause entitled "Payments and Advances".
- (g) The Contractor will take no action concerning termination, merger, spin-off, or other action affecting the status of the Plans without the approval of the DOE.

(End of Clause)

[M943]

H-34 Post Contract Responsibilities for Pension and Other Benefit Plans

- (a) If this Contract expires or terminates and DOE has awarded a contract under which the new contractor becomes a sponsor and assumes responsibility for management and administration of the pension or other benefit plans covering active or retired contractor employees with respect to service at the Pacific Northwest National Laboratory) (collectively, the "Plans"), the Contractor shall cooperate and transfer to the new contractor its responsibility for sponsorship, management and administration of the Plans consistent with direction from the Contracting Officer.
- (b) If this Contract expires or terminates and DOE has not awarded a contract to a new contractor under which the new contractor becomes a sponsor and assumes responsibility for management and administration of the Plans, or if the Contracting Officer determines that the scope of work under the Contract has been completed (any one such event may be deemed by the Contracting Officer to be "Contract Completion" for purposes of this clause), whichever is earlier, and notwithstanding any other obligations and requirements concerning expiration or termination under any other clause of this Contract, the following actions shall occur regarding the Contractor's obligations regarding the Plans at the time of Contract Completion:
 - (1) Subject to subparagraph (2) below, and notwithstanding any legal obligations independent of the Contract the Contractor may have regarding responsibilities for sponsorship, management, and administration of the Plans, the Contractor shall remain the sponsor of the Plans, in accordance with applicable legal requirements.
 - (2) The parties shall exercise their best efforts to reach agreement on the Contractor's responsibilities for sponsorship, management and

administration of the Plans prior to or at the time of Contract Completion. However, if the parties have not reached agreement on the Contractor's responsibilities for sponsorship, management and administration of the Plans prior to or at the time of Contract Completion, unless and until such agreement is reached, the Contractor shall comply with written direction from the Contracting Officer regarding the Contractor's responsibilities for continued provision of pension and welfare benefits under the Plans, including but not limited to continued sponsorship of the Plans, in accordance with applicable legal requirements. To the extent that the Contractor incurs costs in implementing direction from the Contracting Officer, the Contractor's costs will be reimbursed pursuant to applicable Contract provisions.

(End of clause)
[M943]

H-35 Labor Relations (DOE-H-7025) (Sep 2017)

- (a) The Contractor shall respect the right of employees to organize and to form, join, or assist labor organizations, to bargain collectively through their chosen labor representatives, to engage in other concerted activities for the purpose of collective bargaining or other mutual aid or protection, and to refrain from any or all of these activities.
- (b) The Contractor shall meet with the Contracting Officer or designee(s) for the purpose of reviewing the Contractor's bargaining objectives prior to negotiations of any collective bargaining agreement or revision thereto and shall consult with and obtain the approval of the Contracting Officer regarding appropriate economic bargaining parameters, including those for pension and medical benefit costs, prior to the Contractor entering into the collective bargaining process. During the collective bargaining process, the Contractor shall notify the Contracting Officer before submitting or agreeing to any collective bargaining proposal which can be calculated to affect allowable costs under this contract or which could involve other items of special interest to the Government. During the collective bargaining process, the Contractor shall obtain the approval of the Contracting Officer before proposing or agreeing to changes in any pension or other benefit plans.
- (c) The Contractor will seek to maintain harmonious bargaining relationships that reflect a judicious expenditure of public funds, equitable resolution of disputes and effective and efficient bargaining relationships consistent with the requirements of FAR 22.1 and DEAR 970.2201 and all applicable Federal and State Labor Relations laws.
- (d) The Contractor will notify the Contracting Officer or designee in a timely fashion of all labor relations issues and matters of local interest including organizing initiatives, unfair labor practice, work stoppages, picketing, labor arbitrations, and settlement

agreements (to be reported in iBenefits) and will furnish such additional information as may be required from time to time by the Contracting Officer.

(End of Clause)
[M1414]

H-36 Key Positions

- (a) The key positions listed below are considered essential to the performance of the laboratory mission, operations and/or contractor assurance processes under this Contract and require advance notification of any replacement(s) to the Contracting Officer:

Associate Laboratory Directors;
Chief Information Officer;
General Counsel;
Chief Audit Executive;
Director, Environment, Health, Safety and Security Division

- (b) DEAR 952.215-70, “Key Personnel,” may invoke additional requirements if any of the above positions are collateral duties of Key Personnel.

(End of clause)
[M1414]

H-37 Conference Management (Mar 2023)

The Contractor agrees that:

- (a) The Contractor shall ensure that Contractor-sponsored conferences, and contractor participation in DOE conferences sponsored by a Departmental Element, reflect the DOE/NNSA's commitment to fiscal responsibility, appropriate stewardship of taxpayer funds and support the mission of DOE/NNSA as well as other sponsors of work. In addition, the Contractor will ensure conferences do not include any activities that create the appearance of taxpayer funds being used in a questionable manner.

- (b) For the purposes of this clause, “conference” is first defined by the Federal Travel Regulation (FTR) as “

[a] meeting, retreat, seminar, symposium, or event that involves attendee travel. The term 'conference' also applies to training activities that are considered to be conferences under 5 C.F.R 410.404.” Additionally, the Department’s conference activity reporting guideline expands the FTR conference definition to disregard attendee travel as a determining factor, i.e., reporting can be required without the existence of attendee travel.

- (c) Contractor-sponsored conferences include those events that meet the Department's expanded conference definition, and a DOE contractor holds the role of primary decision-maker for key planning items such as conference theme, agenda, location/venue, dates, and conference participation.
- (d) Merely providing the contractor's facility space for a conference, or contractor staff participating in a conference, or procuring conference booth space, giving a speech, or serving as an honorary chairperson does not connote contractor sponsorship.
- (e) The Contractor will provide information on conferences they plan to sponsor with expected costs exceeding \$100,000 in the net costs to the Department, in the Department's Conference Management Tool (CMT), including:
 - (1) Conference title, description, and date
 - (2) Location and venue
 - (3) Description of any unusual expenses (e.g., promotional items)
 - (4) Description of contracting procedures used (e.g., competition for space/support)
 - (5) Costs for space, food/beverages, audio visual, travel/per diem, attendee registration costs
 - (6) Number of attendees
- (f) The Contractor will not expend funds on the proposed Contractor-sponsored conferences with expenditures estimated to exceed \$100,000 until notified of approval by the Contracting Officer and approved by the corresponding federal executive oversight entity.
- (g) For DOE-sponsored conferences (i.e., sponsored by a Departmental Element), the Contractor will not expend funds on the proposed conference that exceeds \$100,000 in net estimated DOE cost, until it is approved in the CMT by the management of the Departmental Element sponsoring the conference,
 - (1) DOE-sponsored conferences include events that meet the Department's expanded conference definition, and a Departmental Element holds the role of primary decision-maker for key planning items such as conference theme, agenda, location/venue, dates and conference participation.
 - (2) Merely providing Federal facility space for a conference, or Federal staff participating in a conference, or procuring conference booth space, giving a speech, or serving as an honorary chairperson does not connote DOE sponsorship.
 - (3) The Contractor will provide cost and attendance information on their participation in all DOE-sponsored conference in the DOE Conference Management Tool.

- (h) For conferences sponsored by a non-DOE external entity, the Contractor shall develop and implement a process to ensure costs related to such conferences are tracked, allowable, allocable, reasonable, and further the mission of DOE/NNSA.
- (i) Contractors are not required to enter participation or cost information on conferences sponsored by a non-DOE external entity in DOE's Conference Management Tool.

(End of Clause)

[1485]

H-38 Management and Operating Contractor (M&O) Subcontract Reporting (Nov 2017)

(a) *Definitions.* As used in this clause—

“First-tier subcontract” means a subcontract awarded directly by the Contractor for the purpose of acquiring supplies or services (including construction) for performance of a prime contract. It does not include the Contractor’s supplier agreements with vendors, such as long-term arrangements for materials or supplies that would benefit multiple contracts and/or the costs of which are normally applied to a Contractor’s general and administrative expenses or indirect costs.

“Management and Operating Contractor Subcontract Reporting Capability (MOSRC)” means a DOE system and associated processes to collect key information about Management and Operating Contractor first-tier subcontracts for reporting to the Small Business Administration.

“Transaction” means any contract, order, other agreement or modification thereof (other than one involving an employer-employee relationship) entered into by the Contractor acquiring supplies or services (including construction) required solely for performance of the prime contract.

(b) *Reporting.* The Contractor shall collect and report data via MOSRC necessary for DOE to meet its agency reporting requirements, as determined by the Small Business Administration, in accordance with the most recent reporting instructions at <https://energy.gov/management/downloads/mosrc-reporting-instructions>. The Contractor shall report first-tier subcontract data in MOSRC. Classified subcontracts shall not be reported. Subcontracts with Controlled Unclassified Information marking shall not be reported if restricted by its category. Contact your Contracting Officer if uncertain of information reporting requirements. The MOSRC reporting requirement does not replace any other reporting requirements (e.g. the Electronic Subcontracting Reporting System or the FFATA Subcontracting Reporting System).

(End of Clause)

[M1414]

H-39 Risk Management and Insurance Programs

Contractor officials shall ensure that the requirements set forth below are applied in the establishment and administration of DOE-funded prime cost reimbursement contracts for management and operation of DOE facilities and other designated long-lived onsite contracts for which the contractor has established separate operating business units.

1. BASIC REQUIREMENTS

- a. Maintain commercial insurance or a self-insured program, (i.e., any insurance policy or coverage that protects the Contractor from the risk of legal liability for adverse actions associated with its operation, including malpractice, injury, or negligence) as required by the terms of the contract. Types of insurance include automobile, general liability, and other third party liability insurance. Other forms of coverage must be justified as necessary in the operation of the Department facility and/or the performance of the contract, and approved by the DOE.
- b. Contractors shall not purchase insurance to cover public liability for nuclear incidents without DOE authorization (See DEAR 970.5070, Indemnification, and DEAR 950.70, Nuclear Indemnification of DOE Contractors).
- c. Insurance programs and costs comply with the cost limitations and exclusions at FAR 28.307, Insurance Under Cost Reimbursement Contracts, FAR 31.205-19, Insurance and Indemnification, DEAR 952.231-71 Insurance-Litigation and Claims, and DEAR 970.5228-1, Insurance-Litigation and Claims.
- d. The insurance program is being conducted in the government's best interest and at reasonable cost.
- e. Upon request the Contractor shall submit copies of all insurance policies or insurance arrangements to the Contracting Officer no later than 30 days after the purchase date.
- f. When purchasing commercial insurance, the contractor shall use a competitive process, when practical, to ensure costs are reasonable.
- g. Ensure self-insurance programs include the following elements:
 - (1) Compliance with criteria set forth in FAR 28.308, Self-Insurance. This includes hybrid plans (i.e., commercially purchased insurance with self-

insured retention (SIR) such as large deductible based on business size, matching deductible, retrospective rating cash flow plans, and other plans where insurance reserves are under the control of the insured). The SIR components of such plans are self-insurance and are subject to the approval and submission requirements of FAR 28.308, as applicable.

- (2) If a self-insurance program is approved, it must be executed in full compliance with applicable state and federal regulations and related professional administration necessary for participation in alternative insurance programs.
 - (3) Safeguards to ensure third party claims and claims settlements are processed in accordance with approved procedures.
 - (4) Accounting of self-insurance charges in the approved cost accounting system.
 - (5) Accrual of self-insurance reserve. The Contracting Officer's approval is required if the contract holds a reserve in a contract-held account using DOE funds and would then be predicated upon the following:
 - (a) The claims reserve shall be held in a special fund or interest bearing account.
 - (b) Submission of a formal written statement to the Contracting Officer stating that use of the reserve is exclusively for the payment of insurance claims and losses, and that DOE shall receive its equitable share of any excess funds or reserve.
 - (c) Annual accounting and justification as to the reasonableness of the claims reserve submitted for Contracting Officer's review.
 - (d) Claim reserves, not payable within the year the loss occurred, are discounted to present value based on the prevailing Treasury rate.
- h. If the Contractor purchases a letter of credit or other financial instrument, the Contractor shall separately identify and account for interest cost on a Letter of Credit used to guarantee self-insured retention, as an unallowable cost and omitted from charges to the DOE contract.
 - i. Comply with the Contracting Officer's written direction for ensuring the continuation of coverage and settlement of incurred and/or open claims and payments of premiums owed or owing to the insurer for prior DOE contractors.

2. PLAN EXPERIENCE REPORTING. The Contractor shall:

- a. Upon request, provide the Contracting Officer with annual experience reports for each type of insurance (e.g., automobile and general liability), listing the following for each category:
 - (1) The amount paid for each claim.
 - (2) The amount reserved for each claim.
 - (3) The direct expenses related to each claim.
 - (4) A summary for the year showing total number of claims.
 - (5) A total amount for claims paid.
 - (6) A total amount reserved for claims.
 - (7) The total amount of direct expenses.
 - b. Upon request, provide the Contracting Officer with an annual report of insurance costs and/or self-insurance charges. When applicable, separately identify total policy expenses (e.g., commissions, premiums, and costs for claims servicing) and major claims during the year, including those expected to become major claims (e.g., those claims valued at \$100,000 or greater).
 - c. Provide additional claim financial experience data as may be requested on a case-by-case basis.
3. TERMINATING OPERATIONS. The Contractor shall:
- a. Ensure protection of the government's interest through proper recording of cancellation credits due to policy terminations and/or experience rating, if applicable.
 - b. Identify and provide insurance policy administration and management requirements to a successor, other DOE contractor, or as specified by the Contracting Officer.
 - c. Reach agreement with DOE on the handling and settlement of self-insurance claims incurred but not reported at the time of contract termination; otherwise, the contractor shall retain this liability.
4. INSURANCE POLICY CANCELLATION. The Contractor shall:
- a. Obtain the written approval of the Contracting Officer for any change in program direction; and
 - b. Ensure insurance coverage replacement is maintained as required and/or approved by the Contracting Officer.

(End of Clause)

[M1124]

H-40 Defense and Indemnification of Employees

- (a) The Parties recognize that, under applicable State law, the Contractor could be required to defend and indemnify its officers and employees from and against civil actions and other claims which arise out of the performance of work under this contract. Except for defense costs made unallowable by law, Section I Clause entitled “DEAR 970.5232-2 – Payments and Advances,” or the Major Fraud Act (41 U.S.C. §256(k)), the costs and expenses, including judgments, resulting from the defense and indemnification of employees from and against such civil actions and claims shall be allowable costs under this contract if incurred pursuant to the terms of Section I Clause entitled “DEAR 970.5228-1 – Insurance--Litigation and Claims.”
- (b) Costs and expenses, including judgments, resulting from the defense and indemnification of employees from civil fraud actions filed in federal court by the Government will be unallowable where the employee pleads nolo contendere or the action results in a judgment against the defendant.
- (c) Where in accordance with applicable State law, the Contractor determines it must defend an employee in a criminal action, DOE will consider in good faith, on a case-by-case basis, whether the Contractor has such an obligation. If DOE concurs, the costs and expenses, including judgments, resulting from the defense and indemnification of employees shall be allowable.
- (d) The Contractor shall immediately furnish the Contracting Officer written notice of any such claim or civil action filed against any employee of the Contractor arising out of the work under this contract together with copies of all pleadings filed. The Contractor shall furnish to the Contracting Officer a written determination by the Contractor’s counsel that the defense or indemnity of the employee is required by the provisions of applicable State law, that the employee was acting within the course and scope of employment at the time of the acts or omissions which gave rise to the claim or civil action, and that any exclusions set forth under applicable State law for fraud, corruption, malice, willful misconduct, or lack of good faith on the part of the employee does not apply. A copy of any letter asserting a reservation of rights under applicable State law with respect to the defense or indemnification of such employee shall also be provided to the Contracting Officer. The costs associated with the settlement of any such claim or civil action shall not be treated as an allowable cost unless approved in writing by the Contracting Officer.

(End of clause)

[M1067]

H-41 Additional Labor Requirements

The Contractor shall conduct payroll and job-site audits and conduct investigations of complaints as authorized by DOE on all Davis-Bacon Act activity, including any subcontracts, as may be necessary to determine compliance with the Davis-Bacon Act.

Where violations are found, the Laboratory shall report them to DOE Contracting Officer. The Contracting Officer may require that the Contractor assist in the determination of the amount of restitution and withholding of funds from a subcontractor so that sufficient funds are withheld to provide restitution for back wages due for workers inappropriately classified and paid, fringe benefits owed, overtime payments due, and liquidated damages assessed.

The Contractor shall notify the Contracting Officer of any complaints and significant labor standards violations whether caused by the Contractor or subcontractors. The Laboratory shall assist DOE and/or the Department of Labor in the investigation of any alleged violations or disputes involving labor standards. The Contractor shall furnish a Davis-Bacon Semi-Annual Enforcement Report to DOE by April 21 and October 21 each year.

(End of Clause)

[M1067]

H-42 EPACT Data Protection (DOE-H-7038) (APR 2022)

(a) Rights to Protected Data

- (1) In addition to the data rights set forth in 48 CFR § 970.5227-2 - Rights in data-technology transfer, for work authorized under the Energy Policy Act of 2005 (EPAct 2005) or the Energy Policy Act of 1992 (EPAct 1992), the Contractor may, with the concurrence of DOE, claim and mark as EPAct Protected Data, any data first produced in the performance of such work that would have been treated as a trade secret if developed at private expense. Any such claimed "EPAct Protected Data" will be clearly marked with the following Protected Rights Notice, and will be treated in accordance with such Notice, subject to the provisions of paragraph (b) of this clause.

Protected Rights Notice

These protected data were produced under [INSERT WORK IDENTIFIER] with the U.S. Department of Energy and may not be published, disseminated, or disclosed to others outside the Government until [INSERT PERIOD OF PROTECTION END] (Note: The period of protection of such data is fully negotiable, but cannot exceed the applicable statutorily authorized maximum), unless express written authorization is obtained from the Contractor. Upon expiration of the period of protection set forth in this Notice, the Government shall have unlimited rights in this data. This Notice shall be marked on any reproduction of this data, in whole or in part.

(End of notice)

- (2) Any such marked Protected Data may be disclosed under obligations of confidentiality for the following purposes:
 - (i) For evaluation purposes under the restriction that the "Protected Data" be retained in confidence and not be further disclosed; or

(ii) To subcontractors or other team members performing work under the Government's program in which this data was produced, for information or use in connection with the work performed under their activity, and under the restriction that the Protected Data be retained in confidence and not be further disclosed.

(3) The obligations of confidentiality and restrictions on publication and dissemination shall end for any Protected Data:

- (i) At the end of the protected period;
- (ii) If the data becomes publicly known or available from other sources without a breach of the obligation of confidentiality with respect to the Protected Data;
- (iii) If the same data is independently developed by someone who did not have access to the Protected Data and such data is made available without obligations of confidentiality; or
- (v) If the Contractor disseminates or authorizes another to disseminate such data without obligations of confidentiality.

(4) However, the Contractor shall not claim or mark as EPACT Protected Data, any lists of data identified by the funding program to be provided with unlimited rights. The Contractor agrees that notwithstanding the lists of types of data, nothing precludes the Government from seeking delivery of additional data in accordance with the requirements of the Contractor's contract, or from making publicly available unlimited rights data, nor does the lists of data constitute any admission by the Government that technical data not on the list is EPACT Protected Data.

(5) When a Cooperative Research and Development Agreement (CRADA) is used with an EPAct Awardee, the CRADA Protected Information clause may be modified to incorporate the Protected Rights Notice of this clause. When a Strategic Partnership Project (SPP) is used with an EPAct Awardee, the Rights in Technical Data clause may be modified to incorporate the Protected Rights Notice of this clause.

(6) The Government's sole obligation with respect to any EPACT Protected Data shall be as set forth in this clause.

(b) Unauthorized or Omitted Marking of Data

(1) Notwithstanding any other provisions concerning inspection or acceptance, if any data developed is authorized by EPAct 1992 or 2005 bears any restrictive or limiting markings not authorized by this clause, the Contracting Officer has the right to remove, cancel, correct, or ignore any markings not authorized by this clause on any data furnished hereunder if, in response to a written inquiry by DOE concerning the propriety of the markings, the Contractor fails to respond within 60 days or fails to substantiate the propriety of the markings. In either case, DOE will notify the Contractor of the action taken.

(2) The Government assumes no liability for the disclosure, use or reproduction of any data provided to the Government by the Contractor that lacks any protected rights notice or other restrictive or limiting markings authorized by the Contractor's prime contract with DOE.

(End of Clause)

[M1438]

H-43 Contractor's Obligations Concerning U.S. Manufacturing Requirements of a Determination of Exceptional Circumstances (DEC) (DOE-H-7039) (APR 2022)

(a) Applicability

This clause is applicable to work performed by the Contractor subject to a Determination of Exceptional Circumstance (DEC) under 35 U.S.C. 202(a) (ii) and in accordance with 37 CFR Part 401.3(e) having U.S. manufacturing requirements.

(b) U.S. Manufacturing Requirements for Subject Inventions

(1) In addition to the U.S. Preference provision in Patent Rights clause (48 CFR 970.5227-10 including any modifications) and the U.S. Industrial Competitiveness provision in the Technology Transfer Mission clause (48 CFR 970.5227-3 including any modifications) in the Contractor's prime contract with DOE, the Contractor agrees to comply with the manufacturing requirements of all applicable DEC's, including any remedies for breach of the applicable manufacturing requirements.

(2) The Contractor is required to comply with requirements of applicable DEC's including, but not limited to, any U.S. Manufacturing Plans or Commercialization Plans. If the Contractor fails to comply with an applicable DEC or any related/required U.S. Manufacturing or Commercialization Plans, the Contractor is subject to any enforcement provisions of the applicable DEC, including, but not limited forfeiture of rights to subject inventions.

(3) Request for a waiver of any U.S. manufacturing requirements, including the U.S. Preference provision in the Patent Rights clause (48 CFR 970.5227-10 including any modifications), the U.S. Industrial Competitiveness provision in the Technology Transfer Mission clause (48 CFR 970.5227-3 including any modifications), and any applicable U.S. Manufacturing or Commercialization Plan must be approved by the funding program in addition to the Contracting Officer. Such waiver requests must be accompanied by substantial evidence that it is not commercially feasible to comply with the U.S. manufacturing requirement and provide commitments that benefit the U.S. economy. These conditions shall be binding on any subsequent assignee, sublicensee, or any entity acquiring rights to any elected subject inventions.

(End of Clause)

[M1438]

H-44 Real Property Asset Management

- A. The Contractor shall comply with Departmental requirements and guidance involving the acquisition, management, maintenance, disposition, or disposal of real property assets to ensure that real property assets are available, utilized, and in a suitable condition to accomplish DOE's missions in a safe, secure, sustainable, and cost-effective manner. Contractors shall meet these functional requirements through tailoring of their business processes and management practices, and use of standard industry practices and standards as applicable. The contractor shall flow down these requirements to subcontracts at any tier to the extent necessary to ensure the contractor's compliance with the requirements.
- B. Contractor shall:
1. Submit all real estate actions to acquire, utilize, and dispose of real property assets to DOE for review and approval and maintain complete and current real estate records.
 2. Perform physical condition and functional utilization assessments on each real property assets at least once every five-year period or at another risk-based interval as approved by SC-1 based on industry leading practices, voluntary consensus standards, and customary commercial practices.
 3. Establish a maintenance management program including: a computerized maintenance management system (CMMS); a condition assessment system; a master equipment list; maintenance service levels; a method to determine for each asset the minimum acceptable level of condition; methods for categorizing deficiencies as either deferred maintenance and repair (DM) or repair needs; management of the DM backlog; a method to prioritize maintenance work; and a mechanism to track direct and indirect funded expenditures for maintenance, repair, and renovation at the asset level.
 4. Maintain Facilities Information Management System (FIMS) data and records for all lands, buildings, trailers, and other structures and facilities. FIMS data must be current and verified annually.

(End of Clause)

[M1124]

H-45 Foreign Engagements with DOE National Laboratories

The contractor shall maintain a process to ensure they meet the following expectations for entering into collaborative engagement with foreign entities under the following mechanisms:

1. Memorandum of Understanding (MOU);
2. Strategic Partnership Projects (SPPs);
3. Cooperative Research and Development Agreements (CRADAs); and
4. Agreements for Commercializing Technology (ACT) and/or other contractual instrument.

Prior to negotiation of the proposed laboratory MOU with one or more foreign entities, the draft text of the proposed MOU must undergo review by the Senior Counterintelligence Officer (SCIO) for the laboratory, the laboratory export control office, and DOE Site Office (SO) counsel, followed by HQ review. HQ review of such MOUs requires pre-negotiation review and concurrence from each of the following offices:

1. Cognizant Secretarial Office (CSO);
2. Program Secretarial Office (PSO);
3. Office of International Science & Technology Collaboration (IA-42);
4. Cognizant General Counsel Office (GC);
5. Office of Intelligence and Counterintelligence (IN);
6. Office of Nonproliferation and Arms Control (NA-20); and
7. Office of Classification (AU-60), if involving potential access to or use of classified information.

As part of the package submitted for HQ review, laboratories must indicate in writing how the MOU aligns with each of the following principles:

1. In the long-term, there must be a benefit to DOE and/or the U.S. Government from the partnership;
2. The partnership must be consistent with the foreign policy and national security interests and priorities of the U.S. Government;
3. Work under the MOU must comply with all applicable laws, U.S. Government policies and regulations, and DOE procedures;
4. Work under any proposed MOU must be consistent with the long-term goals and objectives of DOE and the relevant DOE programs must be notified;

5. The collaboration should not create a resource burden on a DOE Program Office or DOE Laboratory;
6. The partnership should aim to leverage domestic capabilities to advance U.S. scientific achievement or clean energy technologies and potentially enhance the Department's or laboratory's stature and global leadership;
7. The partnership should aim to advance global efforts in areas related to DOE's missions including, for example, environmental protection and remediation, energy security, development or adoption of clean energy technologies, or nuclear security and nonproliferation; and
8. The partnership should aim to provide benefit to the U.S. economy through lower cost technologies for consumers, export markets for domestic companies, U.S.-based jobs, or similar economic advantages.

In some cases, a foreign entity may require a copy of the agreement in its own language, in addition to English. In such cases, language conformance will be required to ensure the English and foreign language versions agree precisely in meaning. These services must be provided by the Department of State's Office of Language Services, and be coordinated by IA-42, with the costs for such services borne by the cognizant DOE program or laboratory. No laboratory MOU may be signed in a foreign language until the HQ review has been completed and the State Department's Office of Language Services issues DOE an official comparison memo indicating that the two texts have the same meaning in all substantive respects.

An MOU with a foreign entity must be reviewed by HQ at least every five years to ensure these activities remain consistent with U.S. national security and other policies.

HQ review of proposed laboratory work under a contractual mechanism (SPP, CRADAs, Agreements for Commercializing Technology Act, or other Contractual Instrument) with one or more foreign entities is initiated by the laboratory through the Site Office, and requires review and concurrence from each of the following offices:

1. Cognizant Secretarial Office (CSO);
2. Program Secretarial Office (PSO);
3. Office of International Science & Technology Collaboration (IA-42);
4. Cognizant General Counsel Office (GC);
5. Office of Intelligence and Counterintelligence (IN); and
6. Office of Nonproliferation and Arms Control (NA-20).

Based on information provided by the laboratory, the Site Office provides to the appropriate HQ offices, a copy of the abbreviated proposal and any supporting documents, which may include the agreement itself and a full or summary statement of work. A project with a foreign entity must be reviewed by HQ at least every five years to ensure these activities remain consistent with U.S. national security and other policies.

All DOE HQ reviews for both MOUs and contractual instruments should be completed within 20 business days following receipt of the request. A response will be provided by HQ to the SO within the 20 business day timeframe that indicates approval, disapproval, or the need for more time to review the request since some proposals may require additional time to review due to special circumstances. All issues identified by the SO and HQ reviewing offices and communicated to the laboratory must be satisfactorily resolved before negotiation and signature of the proposed MOU or contractual instrument will be authorized.

For MOUs, the laboratory may negotiate and sign the MOU with the foreign entity or entities after all the required reviews are completed and concurrences are received. Any substantive departures from the approved MOU text must be reviewed by SO counsel before the MOU may be signed. Any changes in the identity of the foreign entity or entities must be reviewed by the laboratory's SCIO. A pdf copy of each final, fully executed MOU must be submitted to the IA-42 (at labagreements@hq.doe.gov) within 20 days of signature.

(End of Clause)

[M1124]

H-46 Authorization of Activities Supporting the Institution – Agreement on Costs

1. **Onsite and Offsite Hazardous Material Movement** - In performance of the Contract, notification to DOE is required in advance of any approval to allow the hand carrying onsite material movement between PNNL facilities that exceeds Material of Trade (MOT) hazardous material limits, has a dose rate greater than 4 mrem/hour, is greater than 3% of a minimum critical mass of fissile material, is a select agent or greater than BSL1 quantity, or is safeguards accountable.

(End of Clause)

[M1357]

H-47 Applied Technology Markings

Information resulting from U.S. Department of Energy, Office of Nuclear Energy (NE) funded efforts at the Pacific Northwest National Laboratory must be reviewed by the Contractor for any distribution restrictions. Applied Technology Information (AT)

markings will no longer be required to be managed by the Contractor for NE legacy documents performed from 1970 to June 2006. After removal of AT markings, the legacy documents will require a Derivative Classifier and Export Control review for possible further restrictions and/or public release. The Contractor is required to establish a defined process for managing legacy documents marked as "AT" under NE authority.

(End of Clause)

[M1246]

H-48 Paid Leave under Section 3610 of the Coronavirus Aid, Relief, and Economic Security Act (CARES Act) to Maintain Employees and Subcontractors in a Ready State

(a) The Contractor may submit for reimbursement and the Government will treat as allowable (if otherwise allowable per federal regulations) the costs of paid leave (including sick leave) the Contractor or its subcontractors provide to keep employees in a ready state if--

(1) The employees: cannot perform work on a site approved by the Federal Government (including a federally-owned or leased facility or site) due to facilities closures or other restrictions; and cannot telework because their job duties cannot be performed remotely during the public health emergency declared on January 31, 2020 for COVID-19.

(2) The costs are incurred from January 31, 2020 through September 30, 2021.

(3) The costs do not reflect any amount exceeding an average of 40 hours per week for paid leave.

(b) Where other relief provided for by the CARE Act or any other Act would benefit the contractor or the contractor's subcontractors, including, but not limited to, funds available under sections 1102 and 1106 of the CARES Act, the contractor should evaluate the applicability of such benefits in seeking reimbursement under the contract.

(c) The Contractor must represent in any request for reimbursement--

(1) Either it: has not received, has not claimed, and will not claim any other reimbursement, including claims for reimbursement via letter of credit, for federal funds available under the CARES Act for the same purpose, including, but not limited to, funds available under sections 1102 and 1106 of the CARES Act; or if it has received, claimed, or will claim other reimbursement, that reimbursement has been reflected, or will be reflected when known, in requests for reimbursement but in no case reflected later than in its final proposal to determine allowable incurred costs.

(2) Its request reflects or will reflect as soon as known, all applicable credits, including

(i) Tax credits, including credits allowed pursuant to division G of Public Law 116-127; and

(ii) Applicable credits allowed under the CARES Act, including applicable credits for loan guarantees.

(End of clause)
[M1336]