

March ~~27~~45, 2012

VIA STRIPES

Field (

Mr. William S. Glover
Deputy Laboratory Director
and Chief Operating Officer
National Renewable Energy Laboratory (NREL)
1617 Cole Boulevard
Golden, CO 80401-3393

SUBJECT: Contract No. DE-AC36-08GO28308– Modification No. ~~481XX~~

Dear Mr. Glover:

Subject Modification is hereby submitted for your review and execution. The purpose of this Modification is to:

- I. Incorporate Section H, Clause H.42, Non-Federal Agreement for Commercializing Technology (Pilot)
- II. Delete and replace Section J, Appendix A, Personnel, Section 5. Payments for Separations
- III. Delete and replace Section J, Attachment C, Small Business Subcontracting Plan FY2012
- IV. Delete and replace Section J, Attachment F, Operating and Administrative Requirements (List B)

Please return one signed copy of the Modification to the Golden Field Office, attention Jessica Finley, by close-of-business, **April 2745, 2012.**

If you have questions regarding this modification, please contact me at 720-356-17786.

Sincerely,

~~Jean M. Sickerka~~ Steven L. Scott
Contracting Officer

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 481	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 12EE003329	5. PROJECT NO. (If applicable)	
6. ISSUED BY Golden Field Office U.S. Department of Energy Golden Field Office 1617 Cole Blvd. Golden CO 80401-3393	CODE 03601	7. ADMINISTERED BY (If other than Item 6) Golden Field Office U.S. Department of Energy Golden Field Office 1617 Cole Blvd. Golden CO 80401-3393	CODE 03601	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ALLIANCE FOR SUSTAINABLE ENERGY, LLC Attn: RONALD D. TOWNSEND 1617 COLE BLVD. MS 1715 GOLDEN CO 804013393		<input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO. <input type="checkbox"/> 9B. DATED (SEE ITEM 11) <input checked="" type="checkbox"/> 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC36-08G028308 <input type="checkbox"/> 10B. DATED (SEE ITEM 13) 07/29/2008		
CODE 805948051	FACILITY CODE	11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS		

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended. is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)
X	Clause I.149 970.5243-1 Changes (Dec. 2000)

H. IMPORTANT: Contractor is not, is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 805948051
 Administrative Modification 481 provides the following actions:
 Reason for Modification : Funding Only Action
 Total Amount for this Modification: \$0.00
 New Total Amount for this Version: \$0.00
 New Total Amount for this Award: \$1,971,680,638.56

- Incorporates Section H, Clause H.42, Non-Federal Agreement for Commercializing Technology (Pilot).
- Deletes and replaces Section J, Appendix A, Personnel, Section 5. Payments for Separations.

Continued ...
 Except as provided herein, all terms and conditions of the document referenced in Item 8A or 10A, as heretofore changed, remains unchanged and in full force and effect.

16A. NAME AND TITLE OF SIGNER (Type or print) W.S. Glover	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Steven L. Scott
16B. CONTRACTOR/OFFEROR 	16C. DATE SIGNED 3/29/12
16B. UNITED STATES OF AMERICA Signature on File	16C. DATE SIGNED 03/27/2012

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

DE-AC36-08G028308/481

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NAME OF OFFEROR OR CONTRACTOR

ALLIANCE FOR SUSTAINABLE ENERGY, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
10013	<p>3. Deletes and replaces Section J, Attachment C, Small Business Subcontracting Plan.</p> <p>4. Deletes and replaces Section J, Attachment F, Operating and Administrative Requirements (List B).</p> <p>Delivery Location Code: 03601 Golden Field Office U.S. Department of Energy Golden Field Office 1617 Cole Blvd. Golden CO 80401-3393</p> <p>Mark For: Golden Field Office U.S. Department of Energy Golden Field Office 1617 Cole Blvd. Golden CO 80401-3393</p> <p>FOB: Destination Period of Performance: 07/29/2008 to 09/30/2013</p> <p>Add Item 10013 as follows:</p> <p>Administrative Modification - Modifying Contract Clauses Obligated Amount: \$0.00</p>				0.00

This Modification incorporates the following significant changes to contract DE-AC36-08GO28308:

- I. Section H, Clause H.42, Non-Federal Agreement for Commercializing Technology (Pilot), is hereby incorporated into the contract as follows.

H.42 Non-Federal Agreement for Commercializing Technology (Pilot)

This Clause implements a PILOT program for a new technology transfer mechanism, Agreements for Commercialization of Technology (ACT). In accordance with the requirements specified in this Clause, the Contractor may conduct privately-sponsored research at the Contractor's risk for third parties. In performing ACT work, the Contractor may use staff and other resources associated with this Contract for the purposes of conducting research and furthering the technology transfer mission of the Department, on the condition that such use does not interfere with Contractor's activities conducted as authorized by other parts of this Contract. The resources that may be used include Government-owned or leased facilities, equipment, or other property that is either in Contractor's custody or available to the Contractor under this Contract (unless specifically excluded by the Contracting Officer). For Contractor's activities conducted under authority of this Clause, the 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 Laboratory. In exchange for accepting such risks, or for other private consideration provided by the Contractor, the Contractor is authorized to negotiate separate agreements (ACT agreements) with the sponsoring third parties. Under ACT agreements, the Contractor may charge those parties additional compensation beyond the direct costs of the work at the Laboratory. Any statement of work involving Federal funds or falling within the scope of a Federally-funded contract or award (other than this Contract) shall not be eligible for an ACT transaction.

DOE and the Contractor recognize that implementation of ACT under this Clause is a PILOT program authorized by the Department and that during the PILOT either party may suggest changes to the program based on the experiences gained. Furthermore, the Contractor recognizes that the Department may decide to end the PILOT at any time and that termination of the PILOT by the Department will be in accordance with Paragraph 12, below.

1. *Authority to Perform work under this Clause.* Pursuant to the Atomic Energy Act of 1954, as amended (42 U.S.C. 2011 et seq.) and other applicable authorities, the Contractor may perform work for non-federal entities, in accordance with the requirements of this Clause.
2. *Contractor's Implementation.* The Contractor must draft, implement, and maintain formal policies, practices, and procedures in accordance with this Clause, which must be approved by the Contracting Officer, and such approval shall not be unreasonably withheld.
3. *Conditions for Participation in ACT.* The 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 Clause if the work does not interfere with or adversely affect projects and programs the Contractor conducts on behalf of the Government under this Contract, and complies with FFRDC requirements applicable to the Facility. If the Government determines that an activity conducted under this Clause interferes with the Department's work under the Contract, or that termination/stay/suspension of work under an ACT agreement is in the best interest of the Government, the 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 Facility's mission by providing a written notice excluding said property from the Contractor's activities under this Clause. Any cost incurred as a result of Contracting Officer decisions identified in this subparagraph shall be borne by the Contractor. The Contracting Officer shall provide to the Contractor in writing its decision, identifying the issues and reasons for the

decisions. The 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 Clause, must perform all ACT activities in accordance with the standards, policies, and procedures that apply to performance under this Contract, including but not limited to environmental, safety and health, security, safeguards and classification procedures, and human and animal research regulations;
- d. Contractor must utilize its standard Laboratory subcontracting procedures for any work subcontracted by the Laboratory under the Contract. Otherwise, the Contractor may subcontract ACT work scope that is not performed under the Contract using commercially reasonable subcontracting practices and terms. Costs for performing such subcontracting activities outside the scope of the Contract are not reimbursable under the Contract;
- e. Must make available to DOE a summary of project information for each active ACT project, consisting of: total estimated costs; project title and description; project point of contact; and, estimated start and completion dates;
- f. Is responsible for addressing the following items in ACT agreements as appropriate, as they are in non-federal WFO agreements: disposition of property acquired under the agreement, export control, notice of intellectual property infringement, and a statement that the Government and/or Contractor shall have the right to perform similar services in the Statement of Work for other Parties as otherwise authorized by this Contract subject to applicable data restrictions;
- g. Must include a standard legal disclaimer notice on all publications generated under ACT activities. Each DOE contractor has its own pre-approved publications statement, and this should be used; and
- h. 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 CONTRACTOR] ACTING IN A PRIVATE CAPACITY AND [THE OTHER IDENTIFIED PARTY(IES)]. 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 Contractor is hereby authorized to negotiate terms and conditions between the Contractor and third parties when entering into ACT agreements. The 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 Contractor due to such terms and conditions.
- b. The 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 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 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 Contractor offered the option to use CRADA and WFO alternatives (see Paragraph 7a) sufficiently that the private parties are aware of the relative costs and other differences between the ACT agreement and the CRADA and WFO 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 private 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 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 Contractor, Contractor's parent, member, subsidiary, or other entity in which the Contractor, Contractor's parent, member or subsidiary has an equity interest, is a party to the ACT Agreement, the 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 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 Contractor under subparagraph b. of this Paragraph within ten (10) business days of receiving the Package and provide the 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 missions of the Facility; (2) will not adversely impact programs assigned to the Facility; (3) will not place the Facility 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 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 Contractor in writing including the reasons for the rejection. Upon receipt of the Contracting Officer's written rejection,

the Contractor agrees to not further pursue the work described in the package or incur additional costs under the Contract for the work described in the Package.

- i. The Contractor may request a preliminary determination that the proposed scope of work is consistent with the Facility mission 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 Contractor may begin work under the ACT Agreement at the Contractor's risk pending final approval of the complete Package. The Contractor must submit a complete Package, as identified in subparagraph 4b 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 Contractor, as no Federal funds will be used to fund any work conducted under this Clause.
 - ii. If the Contractor, Contractor's parent, member, subsidiary, or other entity in which the Contractor, 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 Contractor shall be responsible for providing adequate advance payment for ACT work conducted under this Clause consistent with procedures defined in the Department's Financial Management Handbook. The Contractor shall be solely responsible for collecting payments from third parties for any work conducted under this 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 Contractor's work under this Clause, the Contractor is entirely at risk and the Government shall have no risk.
6. *Costs.* All direct costs associated with Contractor's work conducted under this 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 Contract shall also be applied to work conducted under this 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 Clause by a unilateral administrative modification to the contract.
 - a. Work conducted under this Clause shall be excluded from Contract award fee calculations and such fee shall not be allocable to work conducted under this Clause.
 - b. No Federal funds will be used to fund work conducted under this Clause.
7. *Organizational Conflict of Interest.* Contractor shall conduct work under this Clause in a manner that minimizes the appearance of conflicts of interest and avoids or neutralizes actual conflicts of interest with Contractor's functions under this Contract. Accordingly, Contractor shall develop a Master Organizational Conflict of Interest Mitigation Plan (OCI Plan). The Master OCI Plan should address OCI issues that arise as a result of the Contractor taking a financial interest in ACT projects, especially in those cases where the Contractor retains rights in ACT IP. Such Master OCI Plan shall be provided to the Contracting Officer for review and approval as soon as practicable after execution of the Contract modification incorporating this Clause into the Contract. In addition to those elements expressly stated in the Master OCI Plan, the Department may condition any ACT transaction on such other mitigating conditions it determines are appropriate. The Master 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 WFO agreements and CRADAs in addition to ACT. The certification at a minimum shall briefly describe WFO agreements, CRADAs and ACT, and will include the relative disposition of IP rights and the costs (including any additional compensation to the Contractor under ACT) under each agreement for the scope of work being proposed for the Laboratory.

- b. *Priority of Work.* The Contractor shall not give work under ACT any special attention or priority over other work at the Laboratory. Work under ACT shall be approved by the Contracting Officer and assigned the same priority relative to other work at the Laboratory that it would normally have if performed under a non-Federal WFO agreement. The Contracting Officer has discretion to determine the agency's priority of work, considering the Contractor's input.
 - c. *Participation by Contractor-related Entity:* Where the Contractor, Contractor's parent, member, subsidiary, or other entity in which the Contractor, Contractor's parent, member or subsidiary has an equity interest, is a party to the ACT Agreement, the Contractor shall include as necessary an addendum to the Master OCI Plan to address special circumstances not fully anticipated in the Master OCI Plan.
 - d. *Right of Inquiry for ACT IP Designation.* DOE Patent Counsel may inquire into Contractor's designation of any invention or data as arising under an ACT transaction. Contractor is responsible for curing any defect identified in such inquiry, and if 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 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 – Management and Operating Contracts, Nonprofit Organization or Small Business Firm Contractor] clause of this Contract.
 - b. In reporting ACT inventions, the 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 ACT Protected Information shall also be marked to identify the ACT agreement under which the data was generated.
 - d. The 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 Contractor receives ownership or license rights to ACT IP, the Contractor may elect to commercialize the ACT IP consistent with the Technology Transfer Mission clause of this Contract.
 - f. As an alternative to subparagraph e., the Contractor may elect to retain private ownership of the ACT IP and commercialize the IP using its private funds, where no costs for developing, patenting, and marketing will be allowable under this Contract. The Contractor will share royalties collected on ACT IP with inventors in accordance with paragraph (h) of the Technology Transfer Mission clause of this Contract.
 - g. 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. Except

as provided in this paragraph 8, licensing of ACT Subject Inventions the Contractor retains in its private capacity will not be subject to the Technology Transfer Mission clause of this Contract.

9. *Contractor Liability and Indemnification.*

a. *General Indemnity.*

- (i) The 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, 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 Contractor, and not directly resulting from the fault or negligence of the Government, the Department, or persons (other than the 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 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 Facility as part of the Statement of Work; and (3) the specific activities performed under the ACT transaction are normally performed by the DOE Contractor at the Facility.
- (iii) Notwithstanding the provisions in a (i) and a (ii) above, the 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 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 Program for the Facility. Above the applicable liability limit, 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 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 Facility. Such indemnity shall not apply to a claimed infringement that is settled without the consent of the 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 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 Contractor, their assignees, or licensees, which was derived from the work performed under ACT transactions. In respect to this clause, neither the Government nor the 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 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 Contractor. No settlement for which the Contractor would be responsible shall be made without the Contractor's consent, unless required by final decree of a court of competent jurisdiction.

- (ii) Where Contractor assigns the responsibility for indemnifying the Government under subsection c (i) above to other ACT Participants, DOE agrees to seek such indemnification from the Contractor only to the extent not satisfied after reasonable efforts to obtain indemnification from those other ACT Participants.
 - d. Claims and liabilities resulting from Contractor's performance of work under an ACT transaction authorized pursuant to this Clause shall not be subject to the Contract clause entitled "Insurance - Litigation and Claims." In no event shall the Contractor be reimbursed under the 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 Contractor's performance under this clause.
 - e. 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 Contractor executes under authority of this Clause. The Contractor agrees if the Contractor does include such a guarantee or requirement, it will have no effect on the Government, that is, the Contractor will be responsible for any costs or liability due to such a guarantee or requirement.
10. *ACT Records.* All records associated with Contractor's activities conducted under authority of this Clause shall be treated as Contractor-owned records under the provisions of the Access to and Ownership of Records clause of this Contract.
11. *Reports and Abstracts.* The Contractor shall produce the following deliverables for each ACT Agreement:
- a. An initial abstract suitable for public release at the time the ACT transaction is approved by DOE;
 - b. A non-proprietary final report, upon completion or termination of the Agreement, to include a list of subject inventions; and
 - c. Where pursuant to the ACT Class Waiver, the Government reserves the right to use generated data after the particular project expires, computer software in source and executable object code format as defined within the statement of work or elsewhere within the Agreement.
12. *Termination of ACT Authority.* The PILOT Program implemented by this Clause will terminate three years from the date of the Contract modification adding this Clause to the Contract, unless renewed by the Contracting Officer. The Government may provide the Contractor with written notice to terminate Contractor's authority to conduct work under this Clause at any time. If the Contractor's authority to conduct work under this Clause has expired or been terminated, the Contractor may be permitted, subject to any other provisions of this Clause, to complete any work that was DOE approved work at the time Contractor's authority to conduct work under this Clause was terminated by the Government.
13. *Successor Contractor.*

- a. To minimize the potential for negative Government programmatic impact and to facilitate seamless transition of work to a successor contractor of the Facility, ACT Agreement(s) executed under this Clause and any contractual instruments associated therewith may be novated to the successor contractor with the mutual consent of the Contractor, the successor contractor, and the parties to the affected ACT Agreement(s). If the ACT Agreement(s) cannot be novated, then the Contractor as a private sponsor shall be permitted to enter into a Non-Federal Work for Others agreement with the successor contractor that will enable completion of the statement of work. Such agreements shall be entered into pursuant to DOE WFO policies. DOE shall make good faith efforts to incorporate the terms of the applicable ACT Agreement.
 - b. The Contractor may retain private ownership of any individual piece of ACT IP that it obtained during the term of the Contract if the Contractor demonstrates:
 - i. the ACT IP was successfully commercialized or deployed in the commercial marketplace using private funds; or
 - ii. the Contractor expended at least \$20,000 (USD) of private funds for patenting, marketing, licensing, or maturing the ACT IP.
 - c. If the Contractor has not satisfied the criteria of Subparagraph b. to this Paragraph, then the Contractor and Contracting Officer, with input from the DOE Patent Counsel providing oversight to the Facility shall, prior to expiration or termination of the Contract, enter into negotiations to determine an equitable distribution of rights in the affected ACT IP. Such negotiations shall consider the equities of the parties with respect to each piece of intellectual property including, at a minimum, the private expenditures made by the Contractor for patenting, marketing, licensing, and maturing the ACT IP up to the date of Contract expiration or termination; which party is best positioned to appropriately commercialize the ACT IP; and any other equities that may apply under the circumstances.
14. *Minimum Reporting Requirements for ACT Activities.* During the ACT PILOT, the 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, the number of private sector entities engaged through ACT that had not previously engaged the Laboratory and the number that had not previously engaged any DOE/NNSA laboratory, 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 Contractor shall obtain from each entity engaged in ACT the entity's reason(s) for selecting ACT for laboratory engagement. Also during the PILOT, the Contractor shall report the above-identified data semiannually to DOE 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 Contract. Such records shall be made available in accordance with the clauses of this Contract pertaining to inspection, audit and examination of records.

