

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

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OF 30
PAGES

2. AMENDMENT/MODIFICATION NO. 192	3. EFFECTIVE DATE See Block 16 C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY NNSA/Los Alamos Site Office U.S. Department of Energy Los Alamos Site Office 3747 West Jemez Road Los Alamos, NM 87544		7. ADMINISTERED BY (If other than Item 6) NNSA/Los Alamos Site Office U.S. Department of Energy Los Alamos Site Office 3747 West Jemez Road Los Alamos, NM 87544	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, state, ZIP Code) Los Alamos National Security, LLC Attn: Steve K. Shook P. O. box 1663, MSP222 Los Alamos, NM 875450001		9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
CODE 175252894	FACILITY CODE	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC52-06NA25396	10B. DATED (SEE ITEM 13) December 21, 2005

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 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 ACKNOWLEDGMENT 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 APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS;
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

<input type="checkbox"/>	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.
<input type="checkbox"/>	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).
<input checked="" type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: P. L. 95-91 and Other Applicable Law
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority):

E. 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.)

See Page 2.

Period of Performance: 12/21/2005 to 09/30/2017

Except as provided herein, all terms and conditions of the document referenced in Items 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Elizabeth Sellers Deputy Laboratory Director Los Alamos National Security, LLC		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Robert M. Poole Contracting Officer Los Alamos Site Office	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
BY <u>Elizabeth Sellers</u> (Signature of person authorized to sign)	<u>5/25/12</u>	BY <u>Robert M. Poole</u> (Signature of Contracting Officer)	<u>5/29/2012</u>

The purpose of this modification is as follows:

- A. Refer to Section I, Clause I-21, FAR 52.219-8 Utilization of Small Business Concerns. The clause is hereby revised and replaced as follows:

I-21 FAR 52.219-8 Utilization of Small Business Concerns (Jan 2011)

- (a) It is the policy of the United States that small business concerns, veteran-owned small business concerns, service-disabled veteran-owned small business concerns, HUBZone small business concerns, small disadvantaged business concerns, and women-owned small business concerns shall have the maximum practicable opportunity to participate in performing contracts let by any Federal agency, including contracts and subcontracts for subsystems, assemblies, components, and related services for major systems. It is further the policy of the United States that its prime contractors establish procedures to ensure the timely payment of amounts due pursuant to the terms of their subcontracts with small business concerns, veteran-owned small business concerns, service-disabled veteran-owned small business concerns, HUBZone small business concerns, small disadvantaged business concerns, and women-owned small business concerns.
- (b) The Contractor hereby agrees to carry out this policy in the awarding of subcontracts to the fullest extent consistent with efficient contract performance. The Contractor further agrees to cooperate in any studies or surveys as may be conducted by the United States Small Business Administration or the awarding agency of the United States as may be necessary to determine the extent of the Contractor's compliance with this clause.
- (c) *Definitions.* As used in this contract--

"HUBZone small business concern" means a small business concern that appears on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration.

"Service-disabled veteran-owned small business concern"—

(1) Means a small business concern—

- (i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and
- (ii) The management and daily business operations of which are controlled by one
or

more service-disabled veterans or, in the case of a service-disabled veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.

(2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

"Small business concern" means a small business as defined pursuant to Section 3 of the Small Business Act and relevant regulations promulgated pursuant thereto.

"Small disadvantaged business concern" means a small business concern that represents, as part of its offer, that--

(1) (i) It has received certification as a small disadvantaged business concern consistent with 13 CFR 124, Subpart B;

(ii) No material change in disadvantaged ownership and control has occurred since its certification;

(iii) Where the concern is owned by one or more individuals, the net worth of each individual upon whom the certification is based does not exceed \$750,000 after taking into account the applicable exclusions set forth at 13 CFR 124.104(c)(2); and

(iv) It is identified, on the date of its representation, as a certified small disadvantaged business in the CCR Dynamic Small Business Search database maintained by the Small Business Administration, or

(2) It represents in writing that it qualifies as a small disadvantaged business (SDB) for any Federal subcontracting program, and believes in good faith that it is owned and controlled by one or more socially and economically disadvantaged individuals and meets the SDB eligibility criteria of 13 CFR 124.1002.

"Veteran-owned small business concern" means a small business concern--

(1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and

(2) The management and daily business operations of which are controlled by one or more veterans.

"Women-owned small business concern" means a small business concern--

(1) That is at least 51 percent owned by one or more women, or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and

(2) Whose management and daily business operations are controlled by one or more women.

(d) (1) Contractors acting in good faith may rely on written representations by their subcontractors regarding their status as a small business concern, a veteran-owned small business concern, a service-disabled veteran-owned small business concern, a small disadvantaged business concern, or a women-owned small business concern.

(2) The Contractor shall confirm that a subcontractor representing itself as a HUBZone small business concern is certified by SBA as a HUBZone small business concern by accessing the Central Contractor Registration (CCR) database or by contacting the SBA. Options for contacting the SBA include—

(i) HUBZone small business database search application Web page at http://dsbs.sba.gov/dsbs/search/dsp_searchhubzone.cfm ; or <http://www.sba.gov/hubzone> ;

(ii) In writing to the Director/HUB, U.S. Small Business Administration, 409 3rd Street, SW., Washington DC 20416; or

(iii) The SBA HUBZone Help Desk at hubzone@sba.gov .

(End of clause)

B. Refer to Section I, Clause I-22, FAR 52.219-9 Small Business Subcontracting Plan. The clause is hereby revised and replaced as follows:

I-22 FAR 52.219-9 Small Business Subcontracting Plan (Jan 2011)

(a) This clause does not apply to small business concerns.

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

“Alaska Native Corporation (ANC)” means any Regional Corporation, Village Corporation, Urban Corporation, or Group Corporation organized under the laws of the State of Alaska in accordance with the Alaska Native Claims Settlement Act, as amended (43 U.S.C. 1601, *et seq.*) and which is considered a minority and economically disadvantaged concern under the criteria at 43 U.S.C. 1626(e)(1). This definition also includes ANC direct and indirect

subsidiary corporations, joint ventures, and partnerships that meet the requirements of 43 U.S.C. 1626 (e)(2).

“Commercial item” means a product or service that satisfies the definition of commercial item in section 2.101 of the Federal Acquisition Regulation.

“Commercial plan” means a subcontracting plan (including goals) that covers the offeror’s fiscal year and that applies to the entire production of commercial items sold by either the entire company or a portion thereof (*e.g.*, division, plant, or product line).

“Electronic Subcontracting Reporting System (eSRS)” means the Government wide, electronic, web-based system for small business subcontracting program reporting. The eSRS is located at <http://www.esrs.gov>.

“Indian tribe” means any Indian tribe, band, group, pueblo, or community, including native villages and native groups (including corporations organized by Kenai, Juneau, Sitka, and Kodiak) as defined in the Alaska Native Claims Settlement Act (43 U.S.C.A. 1601 *et seq.*), that is recognized by the Federal Government as eligible for services from the Bureau of Indian Affairs in accordance with 25 U.S.C. 1452(c). This definition also includes Indian-owned economic enterprises that meet the requirements of 25 U.S.C. 1452(e).

“Individual contract plan” means a subcontracting plan that covers the entire contract period (including option periods), applies to a specific contract, and has goals that are based on the offeror’s planned subcontracting in support of the specific contract except that indirect costs incurred for common or joint purposes may be allocated on a prorated basis to the contract.

“Master plan” means a subcontracting plan that contains all the required elements of an individual contract plan, except goals, and may be incorporated into individual contract plans, provided the master plan has been approved.

“Subcontract” means any agreement (other than one involving an employer-employee relationship) entered into by a Federal Government prime Contractor or subcontractor calling for supplies or services required for performance of the contract or subcontract.

(c) The offeror, upon request by the Contracting Officer, shall submit and negotiate a subcontracting plan, where applicable, that separately addresses subcontracting with small business concerns, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business concerns, small disadvantaged business, and with women-owned small business concerns. If the offeror is submitting an individual contract plan, the plan must separately address subcontracting with small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns with a separate part for the basic contract and separate parts for each option (if any). The plan shall be included in and made a part of the resultant contract. The subcontracting plan shall be

negotiated within the time specified by the Contracting Officer. Failure to submit and negotiate the subcontracting plan shall make the offeror ineligible for award of a contract.

(d) The offeror's subcontracting plan shall include the following:

(1) Goals, expressed in terms of percentages of total planned subcontracting dollars, for the use of small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns as subcontractors. The offeror shall include all subcontracts that contribute to contract performance, and may include a proportionate share of products and services that are normally allocated as indirect costs. In accordance with 43 U.S.C. 1626:

(i) Subcontracts awarded to an ANC or Indian tribe shall be counted towards the subcontracting goals for small business and small disadvantaged business (SDB) concerns, regardless of the size or Small Business Administration certification status of the ANC or Indian tribe.

(ii) Where one or more subcontractors are in the subcontract tier between the prime contractor and the ANC or Indian tribe, the ANC or Indian tribe shall designate the appropriate contractor(s) to count the subcontract towards its small business and small disadvantaged business subcontracting goals.

(A) In most cases, the appropriate Contractor is the Contractor that awarded the subcontract to the ANC or Indian tribe.

(B) If the ANC or Indian tribe designates more than one Contractor to count the subcontract toward its goals, the ANC or Indian tribe shall designate only a portion of the total subcontract award to each Contractor. The sum of the amounts designated to various Contractors cannot exceed the total value of the subcontract.

(C) The ANC or Indian tribe shall give a copy of the written designation to the Contracting Officer, the prime Contractor, and the subcontractors in between the prime Contractor and the ANC or Indian tribe within 30 days of the date of the subcontract award.

(D) If the Contracting Officer does not receive a copy of the ANC's or the Indian tribe's written designation within 30 days of the subcontract award, the Contractor that awarded the subcontract to the ANC or Indian tribe will be considered the designated Contractor.

(2) A statement of—

- (i) Total dollars planned to be subcontracted for an individual contract plan; or the offeror's total projected sales, expressed in dollars, and the total value of projected subcontracts to support the sales for a commercial plan;
 - (ii) Total dollars planned to be subcontracted to small business concerns (including ANC and Indian tribes);
 - (iii) Total dollars planned to be subcontracted to veteran-owned small business concerns;
 - (iv) Total dollars planned to be subcontracted to service-disabled veteran-owned small business;
 - (v) Total dollars planned to be subcontracted to HUBZone small business concerns;
 - (vi) Total dollars planned to be subcontracted to small disadvantaged business concerns (including ANCs and Indian tribes); and
 - (vii) Total dollars planned to be subcontracted to women-owned small business concerns.
- (3) A description of the principal types of supplies and services to be subcontracted, and an identification of the types planned for subcontracting to --
- (i) Small business concerns,
 - (ii) Veteran-owned small business concerns;
 - (iii) Service-disabled veteran-owned small business concerns;
 - (iv) HUBZone small business concerns;
 - (v) Small disadvantaged business concerns, and
 - (vi) Women-owned small business concerns.
- (4) A description of the method used to develop the subcontracting goals in paragraph (d)(1) of this clause.
- (5) A description of the method used to identify potential sources for solicitation purposes (e.g., existing company source lists, the Central Contractor Registration database (CCR), veterans service organizations, the National Minority Purchasing Council Vendor Information Service, the Research and Information Division of the Minority Business Development Agency in the Department of Commerce, or small, HUBZone, small disadvantaged, and women-owned small business trade associations). A firm may rely on the information contained in CCR as an accurate representation of a concern's size and ownership characteristics for the purposes of maintaining a small, veteran-owned small,

service-disabled veteran-owned small, HUBZone small, small disadvantaged, and women-owned small business source list. Use of CCR as its source list does not relieve a firm of its responsibilities (e.g., outreach, assistance, counseling, or publicizing subcontracting opportunities) in this clause.

(6) A statement as to whether or not the offeror included indirect costs in establishing subcontracting goals, and a description of the method used to determine the proportionate share of indirect costs to be incurred with --

- (i) Small business concerns (including ANC and Indian tribes);
- (ii) Veteran-owned small business concerns;
- (iii) Service-disabled veteran-owned small business concerns;
- (iv) HUBZone small business concerns;
- (v) Small disadvantaged business concerns (including ANC and Indian tribes); and
- (vi) Women-owned small business concerns.

(7) The name of the individual employed by the offeror who will administer the offeror's subcontracting program, and a description of the duties of the

(8) A description of the efforts the offeror will make to assure that small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns have an equitable opportunity to compete for subcontracts.

(9) Assurances that the offeror will include the clause of this contract entitled "Utilization of Small Business Concerns" in all subcontracts that offer further subcontracting opportunities, and that the offeror will require all subcontractors (except small business concerns) that receive subcontracts in excess of \$650,000 (\$1.5 million for construction of any public facility with further subcontracting possibilities) to adopt a plan similar to the plan that complies with the requirements of this clause.

(10) Assurances that the offeror will --

- (i) Cooperate in any studies or surveys as may be required;
- (ii) Submit periodic reports so that the Government can determine the extent of compliance by the offeror with the subcontracting plan;
- (iii) Submit the Individual Subcontracting Report (ISR) and/or the Summary Subcontract Report (SSR), in accordance with the paragraph (1) of this clause using

the Electronic Subcontracting Reporting System (eSRS) at <http://www.esrs.gov>. The reports shall provide information on subcontract awards to small business concerns (including ANCs and Indian tribes that are not small businesses), veteran-owned small business concerns, service-disabled veteran-owned small business concerns, HUBZone small business concerns, small disadvantaged business concerns (including ANCs and Indian tribes that have not been certified by the Small Business Administration as small disadvantaged businesses), women-owned small business concerns, and Historically Black Colleges and Universities and Minority Institutions. Reporting shall be in accordance with this clause, or as provided in agency regulations;

(iv) Ensure that its subcontractors with subcontracting plans agree to submit the ISR and/or the SSR using eSRS;

(v) Provide its prime contract number, its DUNS number, and the e-mail address of the offeror's official responsible for acknowledging receipt of or rejecting the ISRs, to all first-tier subcontractors with subcontracting plans so they can enter this information into the eSRS when submitting their ISRs; and

(vi) Require that each subcontractor with a subcontracting plan provide the prime contract number, its own DUNS number, and the e-mail address of the subcontractor's official responsible for acknowledging receipt of or rejecting the ISRs, to its subcontractors with subcontracting plans.

(11) A description of the types of records that will be maintained concerning procedures that have been adopted to comply with the requirements and goals in the plan, including establishing source lists; and a description of the offeror's efforts to locate small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns and award subcontracts to them. The records shall include at least the following (on a plant-wide or company-wide basis, unless otherwise indicated):

(i) Source lists (*e.g.*, CCR), guides, and other data that identify small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns.

(ii) Organizations contacted in an attempt to locate sources that are small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, or women-owned small business concerns.

(iii) Records on each subcontract solicitation resulting in an award of more than \$150,000, indicating --

- (A) Whether small business concerns were solicited and if not, why not;
- (B) Whether veteran-owned small business concerns were solicited and, if not, why not;
- (C) Whether service-disabled veteran-owned small business concerns were solicited and, if not, why not;
- (D) Whether HUBZone small business concerns were solicited and, if not, why not;
- (E) Whether small disadvantaged business concerns were solicited and if not, why not;
- (F) Whether women-owned small business concerns were solicited and if not, why not; and
- (G) If applicable, the reason award was not made to a small business concern.

(iv) Records of any outreach efforts to contact --

- (A) Trade associations;
- (B) Business development organizations;
- (C) Conferences and trade fairs to locate small, HUBZone small, small disadvantaged, and women-owned small business sources; and
- (D) Veterans service organizations.

(v) Records of internal guidance and encouragement provided to buyers through --

- (A) Workshops, seminars, training, etc., and
- (B) Monitoring performance to evaluate compliance with the program's requirements.

(vi) On a contract-by-contract basis, records to support award data submitted by the offeror to the Government, including the name, address, and business size of each subcontractor. Contractors having commercial plans need not comply with this requirement.

(e) In order to effectively implement this plan to the extent consistent with efficient contract performance, the Contractor shall perform the following functions:

- (1) Assist small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns by arranging solicitations, time for the preparation of bids, quantities, specifications, and delivery schedules so as to facilitate the participation by such concerns. Where the Contractor's lists of potential small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business subcontractors are excessively long, reasonable effort shall be made to give all such small business concerns an opportunity to compete over a period of time.
 - (2) Provide adequate and timely consideration of the potentialities of small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns in all "make-or-buy" decisions.
 - (3) Counsel and discuss subcontracting opportunities with representatives of small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business firms.
 - (4) Confirm that a subcontractor representing itself as a HUBZone small business concern is identified as a certified HUBZone small business concern by accessing the Central Contractor Registration (CCR) database or by contacting SBA.
 - (5) Provide notice to subcontractors concerning penalties and remedies for misrepresentations of business status as small, veteran-owned small business, HUBZone small, small disadvantaged or women-owned small business for the purpose of obtaining a subcontract that is to be included as part or all of a goal contained in the Contractor's subcontracting plan.
 - (6) For all competitive subcontracts over the simplified acquisition threshold in which a small business concern received a small business preference, upon determination of the successful subcontract offeror, the Contractor must inform each unsuccessful small business subcontract offeror in writing of the name and location of the apparent successful offeror prior to award of the contract.
- (f) A master plan on a plant or division-wide basis that contains all the elements required by paragraph (d) of this clause, except goals, may be incorporated by reference as a part of the subcontracting plan required of the offeror by this clause; provided --
- (1) The master plan has been approved;

(2) The offeror ensures that the master plan is updated as necessary and provides copies of the approved master plan, including evidence of its approval, to the Contracting Officer; and

(3) Goals and any deviations from the master plan deemed necessary by the Contracting Officer to satisfy the requirements of this contract are set forth in the individual subcontracting plan.

(g) A commercial plan is the preferred type of subcontracting plan for contractors furnishing commercial items. The commercial plan shall relate to the offeror's planned subcontracting generally, for both commercial and Government business, rather than solely to the Government contract. Once the Contractor's commercial plan has been approved, the Government will not require another subcontracting plan from the same Contractor while the plan remains in effect, as long as the product or service being provided by the Contractor continues to meet the definition of a commercial item. A contractor with a commercial plan shall comply with the reporting requirements stated in paragraph (d)(10) of this clause by submitting one SSR in eSRS for all contracts covered by its commercial plan. This report shall be acknowledged or rejected in eSRS by the Contracting Officer who approved the plan. This report shall be submitted within 30 days after the end of the Government's fiscal year.

(h) Prior compliance of the offeror with other such subcontracting plans under previous contracts will be considered by the Contracting Officer in determining the responsibility of the offeror for award of the contract.

(i) A contract may have no more than one plan. When a modification meets the criteria in 19.702 for a plan, or an option is exercised, the goals associated with the

(j) Subcontracting plans are not required from subcontractors when the prime contract contains the clause at 52.212-5, Contract Terms and Conditions Required to Implement Statutes or Executive Orders—Commercial Items, or when the subcontractor provides a commercial item subject to the clause at 52.244-6, Subcontracts for Commercial Items, under a prime contract.

(k) The failure of the Contractor or subcontractor to comply in good faith with—

(1) The clause of this contract entitled "Utilization Of Small Business Concerns;" or

(2) An approved plan required by this clause, shall be a material breach of the contract.

(l) The Contractor shall submit ISRs and SSRs using the web-based eSRS at <http://www.esrs.gov>. Purchases from a corporation, company, or subdivision that is an affiliate of the prime Contractor or subcontractor are not included in these reports. Subcontract award data reported by prime Contractors and subcontractors shall be limited to

awards made to their immediate next-tier subcontractors. Credit cannot be taken for awards made to lower tier subcontractors unless the Contractor or subcontractor has been designated to receive a small business or small disadvantaged business credit from an ANC or Indian tribe. Only subcontracts involving performance in the United States or its outlying areas should be included in these reports with the exception of subcontracts under a contract awarded by the State Department or any other agency that has statutory or regulatory authority to require subcontracting plans for subcontracts performed outside the United States and its outlying areas.

(1) *ISR*. This report is not required for commercial plans. The report is required for each contract containing an individual subcontract plan.

(i) The report shall be submitted semi-annually during contract performance for the periods ending March 31 and September 30. A report is also required for each contract within 30 days of contract completion. Reports are due 30 days after the close of each reporting period, unless otherwise directed by the Contracting Officer. Reports are required when due, regardless of whether there has been any subcontracting activity since the inception of the contract or the previous reporting period.

(ii) When a subcontracting plan contains separate goals for the basic contract and each option, as prescribed by FAR 19.704(c), the dollar goal inserted on this report shall be the sum of the base period through the current option; for example, for a report submitted after the second option is exercised, the dollar goal would be the sum of the goals for the basic contract, the first option, and the second option.

(iii) The authority to acknowledge receipt or reject the *ISR* resides—

(A) In the case of the prime Contractor, with the Contracting Officer;
and

(B) In the case of a subcontract with a subcontracting plan, with the entity that awarded the subcontract.

(2) *SSR*.

(i) Reports submitted under individual contract plans—

(A) This report encompasses all subcontracting under prime contracts and subcontracts with the awarding agency, regardless of the dollar value of the subcontracts.

(B) The report may be submitted on a corporate, company or subdivision (*e.g.* plant or division operating as a separate profit center) basis, unless otherwise directed by the agency.

(C) If a prime Contractor and/or subcontractor is performing work for more than one executive agency, a separate report shall be submitted to each executive agency covering only that agency's contracts, provided at least one of that agency's contracts is over \$650,000 (over \$1.5 million for construction of a public facility) and contains a subcontracting plan. For DoD, a consolidated report shall be submitted for all contracts awarded by military departments/agencies and/or subcontracts awarded by DoD prime Contractors. However, for construction and related maintenance and repair, a separate report shall be submitted for each DoD component.

(D) For DoD and NASA, the report shall be submitted semi-annually for the six months ending March 31 and the twelve months ending September 30. For civilian agencies, except NASA, it shall be submitted annually for the twelve month period ending September 30. Reports are due 30 days after the close of each reporting period.

(E) Subcontract awards that are related to work for more than one executive agency shall be appropriately allocated.

(F) The authority to acknowledge or reject SSRs in eSRS, including SSRs submitted by subcontractors with subcontracting plans, resides with the Government agency awarding the prime contracts unless stated otherwise in the contract.

(ii) Reports submitted under a commercial plan—

(A) The report shall include all subcontract awards under the commercial plan in effect during the Government's fiscal year.

(B) The report shall be submitted annually, within thirty days after the end of the Government's fiscal year.

(C) If a Contractor has a commercial plan and is performing work for more than one executive agency, the Contractor shall specify the percentage of dollars attributable to each agency from which contracts for commercial items were received.

(D) The authority to acknowledge or reject SSRs for commercial plans resides with the Contracting Officer who approved the commercial plan.

(iii) All reports submitted at the close of each fiscal year (both individual and commercial plans) shall include a Year-End Supplementary Report for Small Disadvantaged Businesses. The report shall include subcontract awards, in whole dollars, to small disadvantaged business concerns by North American Industry Classification System (NAICS) Industry Subsector. If the data are not available when the year-end SSR is submitted, the prime Contractor and/or subcontractor shall submit the Year-End Supplementary Report for Small Disadvantaged Businesses within 90 days of submitting the year-end SSR. For a commercial plan, the Contractor may obtain from each of its subcontractors a predominant NAICS Industry Subsector and report all awards to that subcontractor under its predominant NAICS Industry Subsector.

(End of Clause)

C. Refer to Part III, Section J, Appendix G, *List of Applicable Directives*, which is hereby modified as follows. The revised Appendix G is attached to this modification:

The following DOE and NNSA Directives are added:

NUMBER	DATE	TITLE
DOE O 142.3A	10/14/10	Unclassified Foreign Visits and Assignments Program
DOE O 243.1A	11/07/11	Records Management Program NOTE: Implementation as cited by PCM-12-042 dated 2/29/12
DOE O 551.1D	04/02/12	Official Foreign Travel
NNSA NA-1 SD G 1027	11/28/11	Guidance on Using Release Fraction and Modern Dosimetric Information NOTE: Implementation as cited by PCM-12-083 dated 4/25/12
NNSA DP G PPBE-001	10/21/11	Defense Programs (DP) Work Breakdown Structure (WBS)

The following DOE Directives are deleted in their entirety:

NUMBER	DATE	TITLE
DOE O 142.3 Chg 1	02/28/08	Unclassified Foreign Visits and Assignments Program
DOE O 243.1	02/03/06	Records Management Program
DOE O 482.1	01/12/01	DOE Facilities Technology Partnering Programs
DOE O 551.1C	06/24/08	Official Foreign Travel

D. Refer to Part III, Section J, Appendix J, ALL IN FORCE BILATERAL AGREEMENTS. The agreements are electronically accessible in portable document format (pdf) at: www.osti.gov

PART III – Section J

Appendix E

SMALL BUSINESS SUBCONTRACTING PLAN

Name of Contractor: Los Alamos National Security, LLC (LANS)
Address: 105 Central Park Square, Los Alamos, NM 87544
Item/Service: Management and operation of the Los Alamos National Laboratory and associated activities

Period of Contract Performance: June 1, 2006–September 30, 2017

This individual Small Business Subcontracting Plan describes the LANS' approach to involving small business (SB), veteran-owned small business (VOSB), service-disabled veteran-owned small business (SDVOSB), historically underutilized business zone (HUBZone) small business, small disadvantaged business (SDB), and women-owned small business (WOSB) concerns to the maximum extent practicable and to the extent consistent with the government's interest. Preference will be given to northern New Mexico small businesses pursuant to Appendix M, entitled "Regional Purchasing Program". The LANL Small Business Subcontracting Plan is submitted in accordance with FAR19.708 (b), FAR 52.219-8 and 52.219 9.

I. Goals

A. Percentage and dollar Goals

Small business subcontracting goals are usually negotiated annually or on a two-year basis with DOE's Office of Small Disadvantaged Business Utilization (OSDBU) and NNSA. The goals are proposed by LANS and reviewed and approved by NNSA-LASO, and incorporated into the prime contract via approval memorandum as provided to LANS' Prime Contract Office by DOE/NNSA-LASO. Goals are negotiated for the following: SB, VOSB, SDVOSB, HUBZone SB, SDB and WOSB concerns.

B. Method Used to Develop Subcontracting Goals

LANS uses the actual previous fiscal year's total procurement dollars that include all business categories to develop a baseline. Then, using the estimated budget for the succeeding fiscal year that is furnished from the LANS Budget Officer, LANS projects the estimated new fiscal year's procurement base. Next, LANS calculates the total anticipated awards to large business (those projects that small business cannot accomplish) and subtracts this amount from the total estimated procurement base. Next, after deleting the large business long-lead construction, facility and programmatic work, the amount available of estimated small business dollars is identified. Last, LANS looks at long term small business subcontracts and blanket ordering agreements (BOAs) and possible legislative changes to the various small business programs (i.e. WOSB, HUBZone SB, VOSB) and develops recommended percentages for each of the socioeconomic categories.

C. Identifying Small Business Sources of Supply and Services – Market Research

LANS continually identifies and reviews potential sources of supplies and services, including, but not limited to, the following:

- Government Central Contractor Registration (CCR) Dynamic Small Business Search database (formerly PRO-Net)
- State and regional Small Business Administration (SBA) resources
- National Minority Purchasing Council Vendor Information Service
- Research and Information Division of the Minority Business Development Agency in the Department of Commerce
- Trade associations for SB, VOSB, SDVOSB, HUBZone SB, SDB, and WOSB concerns
- Dun & Bradstreet procurement planning directory
- Sponsorship of and/or participation in various local, regional, and national SB trade fairs and conferences
- Membership in and coordination and cooperation with SB organizations, economic development organizations, and commercial and government organizations at the local, state, and national levels

D. Indirect Costs

Indirect costs at LANL are not included in the goals under this small business subcontracting plan.

II. Program Administrator

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LANS' small business program manager will ensure that the following activities are performed efficiently and effectively:

- Maintaining source lists of potential SB, VOSB, SDVOSB, HUBZone SB, SDB, and WOSB subcontractors
- Developing and maintaining bidders lists of SB, VOSB, SDVOSB, HUBZone SB, SDB, and WOSB concerns from as many sources as possible

- Seeking other SB concerns when the number of prospective sources is not adequate, using mass media tools such as Internet bulletin boards
- Reviewing solicitations to identify and remove any statements, clauses, etc., which may restrict or prohibit participation of SB, VOSB, SDVOSB, HUBZone SB, SDB, and WOSB subcontractors
- Ensuring that proper documentation is provided by the bid proposal board if an SB, VOSB, SDVOSB, HUBZone SB, SDB, or WOSB subcontractor who provided a low bid is not selected
- Ensuring establishment and maintenance of records on solicitations and subcontract award activity
- Attending or arranging for attendance of company counselors at business opportunity workshops, minority business enterprise seminars, trade fairs, etc.
- Preparing and submitting required semi-annual and annual subcontracting reports
- Coordinating contractor's activities prior to and during Federal agency compliance reviews
- Mentoring SBs currently under subcontract, enhancing their ability to provide timely, cost-effective, quality services
- Facilitating contact between SB suppliers and respective procurement and technical/program personnel
- Advising and training project management personnel on the purposes of the small business subcontracting plan and fostering their support for it
- Attending SB training and monitoring program changes to ensure compliance at LANL
- Reviewing, revising, and amending applicable procedures and instructions
- Keeping records and measuring performance against established goals
- Verifying that subcontracts contain the flowdown clauses pertaining to SB concerns, when required, and maintaining the policies and procedures required by the prime contract
- Reviewing and approving small business subcontracting plans submitted by large businesses, where applicable
- Verifying that lower-tier large business subcontractors submit small business subcontracting plans (when applicable), and the required semi-annual and annual subcontracting reports; and verifying compliance
- Establishing and maintaining contacts and communication with parent organizations and networking with other SB program advocates within these organizations to support, implement, or enhance the LANL SB program
- Maintaining good working relationships with SBA representatives to obtain assistance and coordination in finding capable SBs
- Maintaining a close working relationship with NNSA to ensure that our project objectives and activities are consistent with NNSA programs
- Reporting monthly progress in achieving goals under this program to the Laboratory's Director

III. Equitable Opportunities and Outreach Efforts

The following additional functions will be performed to effectively implement this plan.

A. Outreach efforts to obtain sources:

- A full-time onsite small business program manager serves as a liaison among the SB community, internal acquisition personnel, and the client.
- We plan solicitations (including time for preparation and for development of SOW, quantities, specifications, and delivery schedules) to facilitate SB participation in subcontracting opportunities and solicitation, offer, and proposal activities.
- We establish and maintain contacts with SB trade associations and business development organizations.
- We attend SB, VOSB, SDVOSB, HUBZone SB, SDB, and WOSB business procurement conferences and trade fairs.
- We conduct external workshops, seminars, and training programs to ensure SBs are familiar with the requirements for doing business at LANL.
- We maintain an effective outreach program by sponsoring and attending regional procurement conferences, trade fairs, and other functions to locate additional qualified sources.
- We implement an ongoing “in-reach” program that provides SBs access and exposure to key project planners and managers.
- We request sources from the SBA Commercial Market Representative (CMR) and access the CCR Dynamic Small Business search database when needed.
- We utilize newspapers and magazine ads to encourage new sources.
- We develop a comprehensive SB source list (which includes past performance) that is easily accessible and useful to acquisition personnel.
- We select and qualify SB concerns to perform specific scopes of work.
- We structure the program to help develop the capabilities and quality of services provided by SB suppliers and subcontractors currently working at LANL.
- We use book references, catalogs, source lists, or other reference material to identify SB, VOSB, SDVOSB, HUBZone SB, SDB, and WOSB sources before the acquisitions are placed.

B. Internal efforts to guide and encourage purchasing personnel:

- We conduct internal workshops, seminars, and training programs to ensure that internal customers and acquisition personnel are acquainted with the small business subcontracting plan, our policies, and prime contract requirements.
- We establish, maintain, and use SB, VOSB, SDVOSB, HUBZone SB, SDB, and WOSB source lists, guides, and other data for soliciting subcontracts.
- We monitor activities to evaluate compliance with the subcontracting plan.

IV. Subcontracting Plan Flowdown

LANS incorporates the flow down clause requirements of FAR 52.219-8, Utilization of Small Business Concerns and FAR 52.219-9, Small Business Subcontracting Plan as applicable into subcontracts that offer further subcontracting opportunities. This requires all subcontractors (except SB concerns) who receive subcontracts in excess of \$650,000 (\$1,500,000 for construction) to adopt a similar plan. The ASM division leader will be responsible for implementing and monitoring this aspect of the small business subcontracting plan.

V. Reports and Surveys

LANS will cooperate in any studies or surveys required by the contracting agency or the U.S. SBA and will submit periodic reports so that the government can determine the extent of compliance by the offeror with the small business subcontracting plan and submit the Individual Subcontracting Report (ISR), formally SF294, and the Summary Subcontracting Report (SSR), formally SF295 using the web-based eSRS at <http://www.esrs.gov>.

Reporting Period	Report Due	Due Date
Oct 1-Mar 31	ISR	April 30
Apr 1- Sep 30	ISR	Oct 30
Oct 1- Sep 30	SSR	Oct 30

VI. Records and Procedures

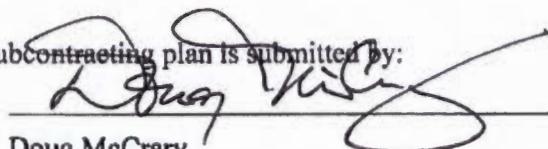
The types of records maintained and procedures adopted to demonstrate compliance with the requirements and goals of the small business subcontracting plan include the following:

- A. Source lists (e.g., CCR Dynamic Small Business Search database); guides; and other data that identify SB, SDB, WOSB, HUBZone SB, VOSB, and SDVOSB concerns
- B. Lists of organizations contacted in an attempt to locate sources that are SB, SDB, WOSB, HUBZone SB, VOSB, or SDVOSB concerns
- C. Record on each subcontract solicitation resulting in an award of more than \$150,000, are furnished in each subcontract file that indicates:
 - Whether SB concerns were solicited and, if not, why not
 - Whether SDB concerns were solicited and, if not, why not
 - Whether WOSB concerns were solicited and, if not, why not
 - Whether HUBZone SB concerns were solicited and, if not, why not
 - Whether VOSB concerns were solicited and, if not, why not
 - Whether SDVOSB concerns were solicited and, if not, why not
 - If applicable, the reason an award was not made to an SB concern

- D. Records of any outreach efforts to contact trade associations, business development organizations, and conferences, and trade fairs to locate SB, SDB, WOSB, HUBZone SB, VOSB, and SDVOSB sources
- E. Records of internal guidance and encouragement provided to acquisition personnel through workshops, seminars, training programs, and incentive awards, and records of performance monitoring to evaluate compliance with the program's requirements
- F. On a contract-by-contract basis, records to support award data submitted, including the name, address, and business size of each subcontractor

This small business subcontracting plan is submitted by:

Signed:



Typed Name:

Doug McCrary

Title:

Acquisition Services Management, Division Leader

Date:

5/22/2012

Phone Number:

505.667.9182

PART III - SECTION J

APPENDIX G

May 21, 2012

[Modified by Modification No. A009, A015, A018, A019, A021, A027, M033, M041, M042, M046, M056, M062, M069, M078, M103, M133, 150, 157, 165, 177, 183, 192]

LIST OF APPLICABLE DIRECTIVES

In addition to the list of applicable directives listed below, the Contractor shall also comply with supplementary directives, (e.g., manuals) which are invoked by a Contractor Requirements Document (CRD) attached to a directive. Electronic copies of these documents are available at the following Websites:

- <http://directives.doe.gov/cqi-bin/currentchecklist>
- <http://www.directives.doe.gov/directives/globesearch-adv.html>
- <http://www.nnsa.doe.gov/>
- <http://www.eh.doe.gov/techstds/standard/standard.html>
- <http://int.lanl.gov/orga/pcm/directives/html>

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE	Mod # Date
ANSI 8.22	1997	Nuclear Criticality Safety Based on Limiting and Controlling Moderators	
ANSI 8.23	1997	Nuclear Criticality Accident Emergency Planning and Response	
DOE O 130.1, Attachment 1 CRD	09/29/95	Budget Formulation	
DOE M 140.1-1B, Attachment 1 CRD	03/30/01	Interface with the Defense Nuclear Facilities Safety Board	
DOE O 142.1, Attachment 2 CRD	01/13/04	Classified Visits Involving Foreign Nationals	A019 04/26/07
DOE O 142.2A, Attachment 2 CRD	12/15/06	Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency	M033 01/09/08
DOE M 142.2-1, Attachment 1 CRD	09/04/08	Manual for Implementation of the Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency	M062 01/15/09
DOE O 142.3A, Attachment 1 CRD	10/14/10	Unclassified Foreign Visits and Assignments Program	192 05/21/12
DOE O 144.1 Admin Chg 1, Attachment 1 CRD	11/06/09	Department of Energy American Indian Tribal Government Interactions and Policy	M133 06/11/10
DOE O 150.1, Attachment 1 CRD	05/08/08	Continuity Programs	M103 10/06/09

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE	Mod # Date
DOE O 151.1C, Attachment 2 CRD	11/02/15	Comprehensive Emergency Management System	A015 01/25/07
DOE O 153.1, Attachment 2 CRD	06/27/07	Departmental Radiological Emergency Response Assets	M033 01/09/08
DOE O 200.1A, Attachment 1 CRD	12/23/08	Information Technology Management NOTE: Implementation as cited by PCM-11-366 dated 12/21/11	183 02/06/12
DOE M 200.1-1, Chapter 9	02/15/00	Public Key Cryptography and Key Management	
DOE O 205.1A, Attachment 1 CRD	12/04/06	Department of Energy Cyber Security Management	A019 04/26/07
DOE M 205.1-3	04/17/06	Telecommunications Security Manual	A019 04/26/07
DOE M 205.1-4, Attachment 1 CRD	03/08/07	National Security System Manual	A021 06/11/07
DOE M 205.1-8, Attachment 1 CRD	01/08/09	Cyber Security Incident Management Manual	M069 04/21/09
DOE O 206.1, Attachment 1 CRD	01/16/09	Department of Energy Privacy Program	M103 10/06/09
DOE N 206.4, Attachment 1 CRD	06/29/07	Personal Identity Verification	M033 01/09/08
DOE O 210.2A, Attachment 2 CRD	04/08/11	DOE Corporate Operating Experience Program NOTE: Implementation as cited by PCM-11-312 dated 11/17/11 and LASO SO:26CK-397917 dated 11/21/11	183 02/06/12
DOE O 221.1A, Attachment 1 CRD	04/19/08	Reporting Fraud, Waste, and Abuse to the Office of Inspector General	M056 10/08/08
DOE O 221.2A, Attachment 1 CRD	02/25/08	Cooperation With The Office of Inspector General	M062 01/15/09
DOE N 221.15	01/05/09	Reporting Fraud, Waste, and Abuse	M069 04/21/09
DOE O 224.2	03/22/01	Auditing of Programs and Operations	
DOE O 225.1B, Attachment 1 CRD	03/04/11	Accident Investigations	165 05/27/11
DOE O 226.1B, Attachment 1 CRD	04/25/11	Implementation of Department of Energy Oversight Policy	177 10/03/11
DOE O 227.1, Attachment 1, CRD	08/30/11	Independent Oversight Program	183 02/06/12
DOE O 231.1B, Attachment 1 CRD	06/27/11	Environment, Safety, and Health Reporting	177 10/03/11
DOE O 232.2, Attachment 1, CRD	08/30/11	Occurrence Reporting and Processing of Operations Information	183 02/06/12
DOE O 241.1B, Attachment 1 CRD	12/13/10	Scientific and Technical Information Management	177 10/03/11
DOE O 243.1A, Attachment 1, CRD	11/07/11	Records Management Program NOTE: Implementation as cited by PCM-12-042 dated 2/29/12	192 05/21/12

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE	Mod # Date
DOE O 243.2, Attachment 2 CRD	02/02/06	Vital Records	A021 06/11/07
DOE O 251.1B, Attachment 1 CRD	08/16/06	Departmental Directives Program	A019 04/26/07
DOE M 251.1-1B, Attachment 1 CRD	08/16/06	Departmental Directives Program Manual	A019 04/26/07
DOE O 252.1A, Attachment 1 CRD	02/23/11	Technical Standards Program	165 05/27/11
DOE O 311.1B	02/12/03	Equal Employment Opportunity and Diversity Program	
DOE O 341.1A, Attachment 1 CRD	10/18/07	Federal Employee Health Services	M078 07/01/09
DOE O 350.1 Chg 1, Attachment 1 CRD	05/08/98	Contractor Human Resource Management Programs	A018 03/29/07
DOE O 350.2B, Attachment 1 CRD	06/06/11	Use of Management and Operating or Other Facility Management Contractor Employees for Services to DOE in the Washington, D.C., Area	177 10/03/11
DOE O 410.2, Attachment 1 CRD	08/17/09	Management of Nuclear Materials	M133 06/11/10
DOE O 412.1A	04/21/05	Work Authorization System	A019 04/26/07
DOE O 413.1B, Attachment 1 CRD	10/28/08	Internal Control Program	M103 10/06/09
DOE O 413.2B, Attachment 2 CRD	04/19/06	Laboratory Directed Research and Development	A019 04/26/07
DOE O 413.3B, Attachment 1 CRD	11/29/10	Program and Project Management for the Acquisition of Capital Assets	157 01/21/11
DOE O 414.1D, Attachment 1 CRD	04/25/11	Quality Assurance NOTE: Implementation as cited by PCM-11-230 dated 9/30/11	177 10/03/11
DOE O 420.1B Chg 1, Attachment 2 CRD	04/19/10	Facility Safety	150 10/05/10
DOE O 420.2C, Attachment 1 CRD	07/21/11	Safety of Accelerator Facilities	177 10/03/11
DOE O 422.1, Attachment 1 CRD	06/29/10	Conduct of Operations	157 01/21/11
DOE G 424.1-1B	04/08/10	Implementation Guide For Use In Addressing Unreviewed Safety Question Requirements	150 10/05/10
DOE O 425.1D, Attachment 1 CRD	04/16/10	Verification of Readiness to Start Up or Restart Nuclear Facilities	150 10/05/10
DOE O 426.2, Attachment 1 CRD	04/21/10	Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities	150 10/05/10
DOE O 430.1B Chg.1, Attachment 2 CRD	02/08/08	Real Property Asset Management	M046 06/11/08
DOE O 433.1B, Attachment 1 CRD	04/21/10	Maintenance Management Program for DOE Nuclear Facilities	150 10/05/10

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE	Mod # Date
DOE O 435.1 Chg 1, Attachment 1 CRD	08/28/01	Radioactive Waste Management	
DOE M 435.1-1 Chg 1	06/19/01	Radioactive Waste Management Manual	
DOE O 436.1, Attachment 1 CRD	05/02/11	Departmental Sustainability	183 02/06/12
DOE M 440.1-1A, Attachment 2 CRD	01/09/06	DOE Explosives Safety Manual	M033 01/09/08
DOE O 440.2B Chg 1, Attachment 2 CRD	11/19/06	Aviation Management and Safety	A019 04/26/07
DOE M 441.1-1, Attachment 1 CRD	03/07/08	Nuclear Material Packaging Manual	M056 10/08/08
DOE O 442.1A, Attachment 1 CRD	06/06/01	Department Of Energy Employee Concerns Program	
DOE O 442.2, Attachment 1 CRD	07/29/11	Differing Professional Opinions for Technical Issues Involving Environment, Safety, and Health	183 02/06/12
DOE O 443.1B, Attachment 1 CRD	03/17/11	Protection of Human Research Subjects	177 10/03/11
DOE O 452.1D, Attachment 1 CRD	04/14/09	Nuclear Explosive and Weapon Surety Program	M078 07/01/09
DOE O 452.2D, Attachment 1 CRD	04/14/09	Nuclear Explosive Safety	M078 07/01/09
DOE M 452.2-1A, Attachment 1 CRD	04/14/09	Nuclear Explosive Safety Manual	M078 07/01/09
DOE M 452.2-2, Attachment 1 CRD	04/14/09	Nuclear Explosive Safety Evaluation Processes	M078 07/01/09
DOE O 452.3, Attachment 2 CRD	06/08/05	Management of the Department of Energy Nuclear Weapons Complex	A021 06/11/07
DOE O 452.4A, Attachment 1 CRD	12/17/01	Security and Control of Nuclear Explosives and Nuclear Weapons	

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE	Mod # Date
DOE O 452.6A, Attachment 1 CRD	04/14/09	Nuclear Weapon Surety Interface with the Department of Defense	M078 07/01/09
DOE O 452.7, Attachment 1 CRD	05/14/10	Protection of Use Control Vulnerabilities and Designs	150 10/05/10
DOE O 452.8, Attachment 1 CRD	07/21/11	Control of Nuclear Weapon Data	183 02/06/12
DOE O 456.1, Attachment 1 CRD	05/31/11	The Safe Handling of Unbound Engineered Nanoparticles	177 10/03/11
DOE O 457.1, Attachment 2 CRD	02/07/06	Nuclear Counterterrorism	A019 04/26/07
DOE M 457.1-1, Attachment 2 CRD	08/10/06	Control of Improvised Nuclear Device Information	A019 04/26/07
DOE O 458.1 Chg 2, Attachment 1 CRD	06/06/11	Radiation Protection of the Public and the Environment NOTE: Implementation as cited by LASO BA:30RP-407384 dated 1/5/12 and PCM-12-028 dated 2/9/12	177 10/03/11
DOE O 460.1C, Attachment 1 CRD	05/14/10	Packaging and Transportation Safety	150 10/5/10
DOE O 460.2A, Attachment 2 CRD	12/22/04	Departmental Materials Transportation and Packaging Management	A019 04/26/07
DOE M 460.2-1A, Attachment 1 CRD	06/04/08	Radioactive Material Transportation Practices Manual For Use With DOE O 460.2A	M056 10/08/08
DOE O 461.1B, Attachment 1 CRD	12/20/10	Packaging and Transportation for Offsite Shipment of Materials of National Security Interest	165 05/27/11
DOE O 461.2, Attachment 1 CRD	10/31/10	Onsite Packaging and Transfer of Materials of National Security Interest	165 05/27/11
DOE O 462.1, Attachment 1 CRD	11/10/08	Import and Export of Category 1 and 2 Radioactive Sources and Aggregated Quantities	M069 04/21/09
DOE O 470.3B	08/12/08	Graded Security Protection (GSP) Policy	M062 01/15/09
DOE M 470.4-1 Chg 1, Attachment 2 CRD	03/07/06	Safeguards and Security Program Planning and Management	A015 01/25/07
DOE M 470.4-3A, Attachment 1 CRD	11/05/08	Contractor Protective Force	M078 07/01/09
DOE M 470.4-6 Chg 1, Attachment 2 CRD	08/14/06	Nuclear Material Control and Accountability	A015 01/25/07
DOE O 471.1B, Attachment 1 CRD	03/01/10	Identification and Protection of Unclassified Controlled Nuclear Information	177 10/03/11
DOE O 471.3, Attachment 1 CRD	04/09/03	Identifying and Protecting Official Use Only Information	
DOE M 471.3-1, Attachment 1 CRD	04/09/03	Manual for Identifying and Protecting Official Use Only Information	

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE	Mod # Date
DOE O 471.5, Attachment 1 CRD	03/29/11	Special Access Programs	177 10/03/11
DOE O 472.2, Attachment 2 CRD	07/21/11	Personnel Security	177 10/03/11
DOE O 475.1, Attachment 2 CRD	12/10/04	Counterintelligence Program	A015 01/25/07
DOE O 475.2A, Attachment 1 CRD	02/01/11	Identifying Classified Information	177 10/03/11
DOE M 481.1-1A Chg 1	09/28/01	Reimbursable Work for Non-Federal Sponsors Process Manual	
DOE O 483.1, Attachment 1 CRD	01/12/01	DOE Cooperative Research and Development Agreements	
DOE M 483.1-1	01/12/01	DOE Cooperative Research and Development Agreements Manual	
DOE O 484.1, Attachment 2 CRD	08/17/06	Reimbursable Work for Department of Homeland Security	A018 03/29/07
DOE O 522.1, Attachment 2 CRD	11/03/04	Pricing of Departmental Materials and Services	
DOE O 534.1B, Attachment 1 CRD	01/06/03	Accounting	
DOE O 544.1	10/12/04	Priorities and Allocations Program	
DOE O 551.1D, Attachment 1 CRD	04/02/12	Official Foreign Travel	192 05/21/12
DOE G 573.1-1	10/03/05	Mail Services Users Guide	A019 04/26/07
DOE O 580.1 Chg 1, Attachment 2 CRD	05/08/08	Department of Energy Personal Property Management Program	M056 10/08/08
DOE O 5400.5 Chg 2	01/07/93	Radiation Protection of the Public and the Environment NOTE: Removal contingent upon full imple- mentation of DOE O 458.1 Chg 2 as cited by LASO BA:30RP-407384 dated 1/5/12 and PCM-12-028 dated 2/9/12	
DOE O 5480.30 Chg 1	03/14/01	Nuclear Reactor Safety Design Criteria	
DOE O 5639.8A	07/23/93	Security of Foreign Intelligence Information and Sensitive Compartmented Information Facilities	
DOE O 5670.1A	01/15/92	Management and Control of Foreign Intelligence	
DOE HDBK 1169-2003	December 2003	DOE Handbook Nuclear Air Cleaning Handbook (Chapter 8, Appendix A, B, C)	M062 01/15/09
DOE-STD-1027-92 Chg 1	September 1997	Hazard Categorization and Accident Analysis Techniques for Compliance with DOE Order 5480.23 Nuclear Safety Analysis Reports	

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE	Mod # Date
DOE-STD-1183-2004	April 2004	Nuclear Safety Specialist Functional Area Qualification Standard	
DOE-STD-1186-2004	August 2004	Specific Administrative Controls	M042 04/14/08
DOE-STD-1189-2008	March 2008	Integration of Safety Into The Design Process	M046 06/11/08
DOE-STD-3009-94, Change Notice 3	April 2002	Preparation Guide for U.S. Department of Energy Nonreactor Nuclear Facility Documented Safety Analysis	M042 04/14/08
DOE-STD-3011-2002	December 2002	Guidance for Preparation of Basis for Interim Operation (BIO) Documents	
DOE-STD-3013-2004	April 2004	Stabilization, Packaging, and Storage of Plutonium-Bearing Materials	
DOE-STD-3014-96	October 1996	Accident Analysis for Aircraft Crash into Hazardous Facilities	
DOE-STD-3015-2004	May 2004	Nuclear Explosive Safety Evaluation Process	M062 01/15/09
DOE-STD-3016-2006	May 2006	Hazard Analysis Reports for Nuclear Explosive Operations	M069 04/21/09
DOE-STD-3020-2005	December 2005	Specification for HEPA Filters Used by DOE Contractors	183 02/06/12
DOE-STD-5506-2007	April 2007	Preparation of Safety Basis Documents for Transuranic (TRU) Waste Facilities	M078 07/01/09
QC-1, Revision 10	02/10/04	DOE/NNSA Weapon Quality Policy (QC-1) NOTE: Not applicable to Fissile and Type B Containers per LASO Letter QA-11-136-ABL dated 4/12/11	165 05/27/11
56XB, Revision 2	02/27/04	Development and Production (D&P) Manual	
NNSA DP G PPBE-001	10/21/11	Defense Programs (DP) Work Breakdown Structure (WBS)	192 05/21/12
NNSA NA-1 SD G 1027	11/28/11	Guidance of Using Release Fraction and Modern Dosimetric Information NOTE: Implementation as cited by PCM-12-083 dated 4/25/12	192 05/21/12
NA-1 SD 226.1A	10/17/08	NNSA Line Oversight and Contractor Assurance System Supplemental Directive	M069 04/21/09
NA SD O 350.2	11/16/11	Use of Management and Operating Contractor Employees for Services to NNSA in the Washington DC Area	183 02/06/12
NA SD M 452.3-1	12/10/09	Defense Programs Business Requirements and Processes Manual NOTE: Include RMI Chapters R002, R007, R008, R010 per LASO approval 9/22/11	M133 06/11/10
NA-10 WQAP Manual	03/30/09	NNSA Office of Defense Programs (NA-10) Weapon Quality Assurance Procedures Manual	M078 07/01/09
NAP 9A	01/31/05	SECON Implementation	

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE	Mod # Date
NAP 14.1-C	05/02/08	NNSA Baseline Cyber Security Program	M062 01/15/09
NAP 14.2-C	05/02/08	NNSA Certification and Accreditation (C&A) Process for Information Systems	M062 01/15/09
NAP 14.3-B	05/02/08	Transmission of Restricted Data Over Secret Internet Protocol Router Network (SIPRNet)	M062 01/15/09
NAP 70.2	07/02/10	Physical Security	157 01/21/11
NAP 70.4	07/02/10	Information Security	157 01/21/11
BOP-003.0404	07/28/04	Requests to Defense Contracting Audit Agency (DCAA) for Audit of M&O Contractor Subcontracts	
BOP-003.08, CRD	05/30/08	Management and Operating Contractor Business Meals and Light Refreshment	M046 06/11/08
NFPA 70E	2009 Edition	Standard for Electrical Safety in the Work Place	150 10/05/10

End of Modification