

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT D CODE
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2. AMENDMENT/MODIFICATION NO. 0148
3. EFFECTIVE DATE See Block 16C
4. REQUISITION/PURCHASE REQ. NO.
5. PROJECT NO. (If applicable)

6. ISSUED BY CODE 892332
NNSA M&O Contracting Branch
NA-APM-131
Albuquerque Complex
P.O. Box 5400
Albuquerque NM 87185-5400
7. ADMINISTERED BY (If other than Item 6) CODE 05005
NNSA Sandia Field OFC
NA-00-SN
Sandia Field Office (MS 0184)
P.O. Box 5400
Albuquerque NM 87185-5400

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
National Technology & Engineering Solutions of Sandia, LLC
Attn: Kelly Westlake
1515 EUBANK BLVD. SE
P.O. BOX 5800, MS-0180, 87185-0180
ALBUQUERQUE NM 871850180
9A. AMENDMENT OF SOLICITATION NO. (x)
9B. DATED (SEE ITEM 11)
10A. MODIFICATION OF CONTRACT/ORDER NO. DE-NA0003525 (x)
10B. DATED (SEE ITEM 13) 12/16/2016
CODE 007113228 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 electronic communication 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 letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNT NG 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.

| | |
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| 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 data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |
| X | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: 43.103(a) bilateral |
| | 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.)
The purpose of this modification is to incorporate NNSA Class Deviation clauses to Implement the Office of Inspector General's New Audit Strategy for M&O Contracts.
Payment:
Period of Performance: 01/18/2017 to 04/30/2027

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

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| 15A. NAME AND TITLE OF SIGNER (Type or print) Kelly Westlake, Senior Manager, Prime Contract National Technology & Engineering Solutions of Sandia (NTESS) | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Maria D. Trujillo |
| 15B. CONTRACTOR/OFFEROR [Redacted] | 15C. DATE SIGNED [Redacted] |
| 16B. UNITED STATES OF AMERICA [Redacted] | 16C. DATE SIGNED 09/06/2022 |

(Signature of person authorized to sign) (Signature of Contracting Officer)

The Purpose of this modification is to incorporate NNSA Class Deviation to Implement the Office of Inspector General's New Audit Strategy for M&O Contracts. As a result of this modifications the following H clauses, FAR clauses and DEAR clauses have been removed, added, or deviated.

1. Remove Section H Clause H-23 Indirect Cost Management and replace it with H-23 RESESRVED.
2. Update the “Date of the Clause” in the table in Section I, subsection A. FAR CLAUSES INCORPORATED BY REFERENCE as follows:

| FAR Number | Clause Title | Date of Clause | |
|------------|---------------------------------|----------------|-----------|
| | | From | To |
| 52.242-3 | Penalties for Unallowable Costs | May 2014 | Sept 2021 |

3. Remove DEAR 970.5242-1, Penalties for Unallowable Costs dated August 2009 in the table in section B. DEAR CLAUSES INCORPORATED BY REFERENCE:

| DEAR Number | Clause Title | Date of Clause |
|-------------|---------------------------------|----------------|
| 970.5242-1 | Penalties for Unallowable Costs | Aug 2009 |

4. Remove Section I Clause I-3 FAR 52.216-7 ALLOWABLE COST AND PAYMENT (AUG 2018) (AS MODIFIED BY DEAR 952.216-7) (TAILORED APR 2020) in accordance with NNSA Class Deviation to Implement Department of Energy (DOE) Inspector General (IG) New Audit Strategy for Management & Operating (M&O) Contracts, dated 04/18/2022.
5. Add Section I clause I-37 FAR 52.242-4 *Certification of Final Indirect Costs (Jan 1997)* in subsection C. FAR AND DEAR CLAUSES INCORPORATED IN FULL TEXT with the following:

I-37 FAR 52.242-4 Certification of Final Indirect Costs (Jan 1997)

- (a) The Contractor shall-
 - (1) Certify any proposal to establish or modify final indirect cost rates;
 - (2) Use the format in paragraph (c) of this clause to certify; and
 - (3) Have the certificate signed by an individual of the Contractor’s organization at a level no lower than a vice president or chief financial officer of the business segment of the Contractor that submits the proposal.
- (b) Failure by the Contractor to submit a signed certificate, as described in this clause, may result in final indirect costs at rates unilaterally established by the Contracting

Officer.

- (c) The certificate of final indirect costs shall read as follows:

Certificate of Final Indirect Costs

This is to certify that I have reviewed this proposal to establish final indirect cost rates and to the best of my knowledge and belief:

1. All costs included in this proposal (identify proposal and date) to establish final indirect cost rates for (identify period covered by rate) are allowable in accordance with the cost principles of the Federal Acquisition Regulation (FAR) and its supplements applicable to the contracts to which the final indirect cost rates will apply; and
2. This proposal does not include any costs which are expressly unallowable under applicable cost principles of the FAR or its supplements.

Firm: _____

Signature: _____

Name of Certifying Official: _____

Title: _____

Date of Execution: _____

(End of clause)

6. Remove DEAR 970.5203-1 *Management Controls* dated June 2007 from Section I subsection B. DEAR CLAUSES INCORPORATED BY REFERENCE.
7. Add Section I clause I-38 DEAR 970.5203-1 *Management Controls (OCT 2021)* in subsection C. FAR AND DEAR CLAUSES INCORPORATED IN FULL TEXT with the following:

I-38 DEAR 970.5203-1 Management Controls (OCT 2021)

- (a) The Contractor shall be responsible for maintaining, as an integral part of its organization, effective systems of management controls for both administrative and programmatic functions. Management controls comprise the plan of organization, methods, and procedures adopted by contractor management to reasonably ensure that:
 - (1) Mission and functions assigned to the contractor are properly executed;
 - (2) Systems and controls employed by the contractor are documented and

satisfactory to DOE;

- (3) All levels of management are accountable for effective management systems and internal controls within their areas of assigned responsibility;
 - (4) Provide reasonable assurance that Government resources are safeguarded against theft, fraud, waste, and unauthorized use;
 - (5) Promote work and worker safety;
 - (6) Promote efficient and effective operations including consideration of outsourcing of functions;
 - (7) Reduce or eliminate operational risks to Government facilities;
 - (8) All obligations and costs incurred are allowable in accordance with the intended purposes and the terms and conditions of the contract;
 - (9) All revenues, expenditures, transactions and assets are properly record, manage, and report;
 - (10) Financial, statistical and other necessary reports are maintained in an accurate, reliable, and timely manner, with proper accountability and management controls;
 - (11) Systems are periodically reviewed to provide reasonable assurance that the objectives of the systems are being accomplished and that its controls are working effectively
 - (12) Such systems shall be an integral part of the Contractor's management functions, including defining specific roles and responsibilities for each level of management, and holding employees accountable for the adequacy of the management systems and controls in their areas of assigned responsibility;
 - (13) The Contractor shall, as part of the internal audit program required elsewhere in this contract, periodically review the management systems and controls employed in programs and administrative areas to ensure that they are adequate to provide reasonable assurance that the objectives of the systems are being accomplished and that these systems and controls are working effectively. Annually, or at other intervals directed by the Contracting Officer, the Contractor shall supply to the Contracting Officer copies of the reports reflecting the status of recommendations resulting from management audits performed by its internal audit activity and any other audit organization. This requirement may be satisfied in part by the reports required under paragraph (i) of 48 CFR 970.5232-3, Accounts, records, and inspection; and
- (b) The Contractor shall be responsible for maintaining, as a part of its operational

responsibilities, a baseline quality assurance program that implements documented performance, quality standards, and control and assessment techniques.

(End of clause)

8. Add Section I clause I-39 DEAR 970.5216-7 Allowable Cost and Payment (OCT 2021) (NNSA CLASS DEVIATION FEB 2022) in subsection C. FAR AND DEAR CLAUSES INCORPORATED IN FULL TEXT with the following:

I-39 DEAR 970.5216-7 Allowable Cost and Payment (OCT 2021) (NNSA CLASS DEVIATION FEB 2022)

(a) Payment.

- (1) The Government will make payments to the Contractor per DEAR 970.5232-2, "Payments and advances." The payments will only be for amounts determined to be allowable by the Contracting Officer in accordance with the: Federal Acquisition Regulation (FAR) subpart 31.2 in effect on the date of this contract; the Department of Energy Acquisition Regulation subpart 970.31 in effect on the date of this contract; and the terms of this contract. The Contractor may submit to an authorized representative of the Contracting Officer, in such form and reasonable detail as the representative may require, an invoice or voucher supported by a statement of the claimed allowable cost for performing this contract.

(b) Reimbursing costs.

- (1) The Government will make payments to the Contractor per DEAR 970.5232-2, "Payments and advances." The payments will only be for allowable costs. For the purpose of reimbursing allowable costs (except as provided in paragraph (b)(2) of this clause, with respect to pension, deferred profit sharing, and employee stock ownership plan contributions), the term "costs" includes only—
- (i) Those recorded costs that, at the time of the request for reimbursement, the Contractor has paid by cash, check, or other form of actual payment for items or services purchased directly for the contract;
- (ii) When the Contractor is not delinquent in paying costs of contract performance in the ordinary course of business, costs incurred, but not necessarily paid, for –
- (A) Supplies and services purchased directly for the contract and associated financing payments to subcontractors, provided payments determined due will be made—

- (1) In accordance with the terms and conditions of a

subcontract or invoice; and

- (2) Ordinarily within 30 days of the submission of the Contractor's payment request to the Government (the Government will make payments to the Contractor per DEAR 970.5232-2, "Payments and advances");
 - (B) Materials issued from the Contractor's inventory and placed in the production process for use on the contract;
 - (C) Direct labor;
 - (D) Direct travel;
 - (E) Other direct in-house costs; and
 - (F) Indirect costs paid in accordance with the same provisions as required for direct costs as described within this section.
- (iii) The amount of financing payments that have been paid by cash, check, or other forms of payment to subcontractors.
- (2) Accrued costs of Contractor contributions under employee pension plans shall be excluded until paid in accordance with **DEAR 970.5232-2 Payments and Advances (OCT 2021) Alternate II (OCT 2021) Alternate IV (DEC 2000) (NNSA CLASS DEVIATION FEB 2022)** paragraph (b).
- (3) Notwithstanding the audit and adjustment of invoices, payments, or vouchers under paragraph (g) of this clause, allowable indirect costs under this contract shall be obtained by applying indirect cost rates established in accordance with paragraph (d) of this clause.
- (4) Any statements in specifications or other documents incorporated in this contract by reference designating performance of services or furnishing of materials at the Contractor's expense or at no cost to the Government shall be disregarded for purposes of cost-reimbursement under this clause.
- (c) *Small business concerns.* The Government will make payments to the Contractor per DEAR 970.5232-2, "Payments and advances."
- (d) Final indirect cost rates.
 - (1) Final annual indirect cost rates and the appropriate bases shall be established in accordance with subpart 42.7 of the Federal Acquisition Regulation (FAR) in effect for the period covered by the indirect cost rate proposal.
 - (2)
 - (i) The Contractor shall submit an adequate final indirect cost rate

proposal to the Contracting Officer (or cognizant Federal agency official) or to an authorized representative within the 6-month period following the expiration of each of its fiscal years. Reasonable extensions, for exceptional circumstances only, may be requested in writing by the Contractor and granted in writing by the Contracting Officer. The Contractor shall support its proposal with adequate supporting data.

- (ii) The proposed rates shall be based on the Contractor's actual cost experience for that period. The appropriate Government representative and the Contractor shall establish the final indirect cost rates as promptly as practical after receipt of the contract auditor's results.
- (iii) An adequate indirect cost rate proposal shall include the following data unless otherwise specified by the cognizant Federal agency official:
 - (A) Summary of all claimed indirect expense rates, including pool amount, base amount, and calculated indirect rate.
 - (B) *General and Administrative expenses (final indirect cost pool)*. Schedule of claimed expenses by element of cost as identified in accounting records (Chart of Accounts).
 - (B-1) Laboratory/Plant Directed Research & Development (LDRD or PDRD) expenses (final indirect cost pool). Schedule of claimed expenses by element of cost as identified in accounting records (Chart of Accounts).
 - (C) *Overhead expenses (final indirect cost pool)*. Schedule of claimed expenses by element of cost as identified in accounting records (Chart of Accounts) for each final indirect cost pool.
 - (D) *Intermediate indirect cost pools*. Schedule of claimed expenses by element of cost as identified in accounting records (Chart of Accounts) and expense reallocation to final indirect cost pools.
 - (E) Claimed allocation bases, by element of cost, used to distribute indirect costs.
 - (F) RESERVED.
 - (G) Reconciliation of books of account (*i.e.*, General Ledger) and claimed direct costs by major cost element.

- (H) Schedule of direct costs by contract, or by a lower level of detail (e.g. Budget & Reporting (B&R) code) if required by the contracting officer, and subcontract and indirect expense applied at claimed rates, as well as a subsidiary schedule of Government participation percentages in each of the allocation base amounts.
 - (I) Schedule of cumulative direct and indirect costs claimed at the same level of detail as provided in Schedule H.
 - (J) *Subcontract information.* Listing of subcontracts awarded to companies for which the contractor is the prime or upper-tier contractor (include prime and subcontract numbers; subcontract value and award type; amount claimed during the fiscal year; and the subcontractor's name, address, and point of contact information). The schedule should also contain a sufficient level of detail to identify which line item(s) is related to enable a reconciliation of actual subcontract costs incurred from Schedule J to those claimed on Schedule H (i.e. B&R level).
 - (K) Summary of each time-and-materials and labor-hour contract information, including labor categories, labor rates, hours, and amounts; direct materials; other direct costs; and, indirect expense applied at claimed rates.
 - (L) Reconciliation of total payroll per IRS form 941 to total labor costs distribution.
 - (M) Listing of decisions/agreements/approvals and description of accounting/organizational changes.
 - (N) Certificate of final indirect costs (see 52.242-4, Certification of Final Indirect Costs).
 - (O) Contract closing information for contracts and SPPs physically completed in this fiscal year (include contract and SPP number, period of performance, contract ceiling amounts, contract fee computations, level of effort, and indicate if the contract is ready to close).
- (iv) The following supplemental information is not required to determine if a proposal is adequate, but may be required during the audit process:
- (A) Comparative analysis of indirect expense pools detailed by account to prior fiscal year and budgetary data.

- (B) General organizational information and limitation on allowability of compensation for certain contractor personnel including Executive Compensation Form. See 31.205-6(p). Additional salary reference information is available at <https://www.whitehouse.gov/wp-content/uploads/2017/11/ContractorCompensationCapContractsAwardedBeforeJune24.pdf> and <https://www.whitehouse.gov/wp-content/uploads/2017/11/ContractorCompensationCapContractsAwardedafterJune24.pdf>.
- (C) Identification of prime contracts under which the contractor performs as a subcontractor.
- (D) Description of accounting system (excludes contractors required to submit a CAS Disclosure Statement or contractors where the description of the accounting system has not changed from the previous year's submission).
- (E) Procedures for identifying and excluding unallowable costs from the costs claimed and billed (excludes contractors where the procedures have not changed from the previous year's submission).
- (F) Certified financial statements and other financial data (*e.g.*, trial balance, compilation, review, *etc.*).
- (G) Management letter from outside CPAs concerning any internal control weaknesses.
- (H) Actions that have been and/or will be implemented to correct the weaknesses described in the management letter from subparagraph (G) of this section.
- (I) List of all internal audit reports issued since the last disclosure of internal audit reports to the Government.
- (J) Annual internal audit plan of scheduled audits to be performed in the fiscal year when the final indirect cost rate submission is made.
- (K) Federal and State income tax returns.
- (L) Securities and Exchange Commission 10-K annual report.
- (M) Minutes from board of directors meetings.
- (N) Listing of delay claims and termination claims submitted

which contain costs relating to the subject fiscal year.

- (O) Contract briefings, which generally include a synopsis of all pertinent contract provisions, such as: contract type, contract amount, product or service(s) to be provided, contract performance period, rate ceilings, advance approval requirements, pre- contract cost allowability limitations, and billing limitations.
- (v) The Contractor shall update the cost incurred to reflect the final settled rates and update the schedule of cumulative direct and indirect costs claimed and billed, as required in paragraph (d)(2)(iii)(I) of this section, within 60 days after settlement of final indirect cost rates. The Contracting Officer shall advise the contractor if additional adjustments or repayments are necessary.
- (3) The Contractor and the appropriate Government representative shall execute a written understanding setting forth the final indirect cost rates. The understanding shall specify (i) the agreed- upon final annual indirect cost rates, (ii) the bases to which the rates apply, (iii) the periods for which the rates apply, (iv) any specific indirect cost items treated as direct costs in the settlement, and (v) the affected contract and/or subcontract, identifying any with advance agreements or special terms and the applicable rates. The understanding shall not change any monetary ceiling, contract obligation, or specific cost allowance or disallowance provided for in this contract. The understanding is incorporated into this contract upon execution.
- (4) Failure by the parties to agree on a final annual indirect cost rate shall be a dispute within the meaning of the Disputes clause.
- (5) Within 120 days (or longer period if approved in writing by the Contracting Officer) after settlement of the final annual indirect cost rates for all years of a physically complete contract, the Contractor shall submit a completion invoice or voucher to reflect the settled amounts and rates. The completion invoice or voucher shall include settled subcontract amounts and rates. The prime contractor is responsible for settling subcontractor amounts and rates included in the completion invoice or voucher and providing status of subcontractor audits to the contracting officer upon request.
- (6)
 - (i) If the Contractor fails to submit a completion invoice or voucher within the time specified in paragraph (d)(5) of this clause, the Contracting Officer may-
 - (A) Determine the amounts due to the Contractor under the contract; and
 - (B) Record this determination in a unilateral modification to the

contract.

- (ii) This determination constitutes the final decision of the Contracting Officer in accordance with the Disputes clause.
- (e) *Forward pricing rates.* Until final annual indirect cost rates are established for any period, the contractor shall use the forward pricing rates established by the Contracting Officer or by an authorized representative, subject to adjustment when the final rates are established. These forward pricing rates-
 - (1) Shall be the anticipated final rates; and
 - (2) May be prospectively or retroactively revised by mutual agreement, at either party's request, to prevent substantial overpayment or underpayment.
- (f) *Quick-closeout procedures.* Quick-closeout procedures are applicable when the conditions in FAR 42.708(a) are satisfied.
- (g) *Audit.* At any time or times before final payment, the Contracting Officer may have the Contractor's invoices, payments, vouchers, or statements of cost audited. Any payment may be-
 - (1) Reduced by amounts found by the Contracting Officer not to constitute allowable costs; or
 - (2) Adjusted for prior overpayments or underpayments.
- (h) Final payment.

The Government will make final payment to the Contractor per DEAR 970.5232-2, "Payments and Advances."

(End of clause)

9. Replace Section I clause I-26 PAYMENT AND ADVANCES (DEC 2000) ALTERNATE II (DEC 2000) ALTERNATE III (DEC 2000) (NNSA CLASS DEVIATION OCT 2011) in subsection C. FAR AND DEAR CLAUSES INCORPORATED IN FULL TEXT with the following:

I-26 DEAR 970.5232-2 Payments and Advances (OCT 2021) Alternate II (OCT 2021) Alternate IV (DEC 2000) (NNSA CLASS DEVIATION FEB 2022)

- (a) *Payment of Total available fee: Base Fee, Fixed Fee, and Performance Fee.*
 - (1) The base fee and/or fixed fee amounts, if any, are payable in equal monthly installments. Total available fee amount earned is payable following the Government's Determination of Total Available Fee Amount Earned. Base fee and fixed fee amounts and total available fee amount earned payments shall be made by direct payment or withdrawn from funds advanced or available under

this contract, as determined by the Contracting Officer. The Contracting Officer may offset against any such fee payment the amounts owed to the Government by the Contractor, including any amounts owed for disallowed costs under this contract. No base fee or fixed fee amounts or total available fee amount earned payments may be withdrawn against the payments cleared financing arrangement without prior written approval of the Contracting Officer.

- (2) *Provisional fee.* Additionally, if the Contracting Officer authorizes provisional payment of fee and for only as long as the Contracting Officer authorizes it, the Contractor may withdraw from funds advanced on the last working day of each month a provisional fee equal to zero (0) percent of the annual available award fee amount. The Contracting Officer may for any reason withdraw his/her authorization allowing the Contractor's withdrawal of provisional fee if at any time in his/her judgement the Contractor will not earn the provisional fee. The Contracting Officer's decision to authorize the Contractor's withdrawal of provisional fee or to withdraw such authorization is solely within the Contracting Officer's discretion. Following the Government's determination of total available fee amount earned, the Contractor may withdraw from funds advanced the amount by which earned fee exceeds provisional fee; and must immediately return to funds advanced the amount by which provisional fee exceeds earned fee.
- (b) *Payments on account of allowable costs.* The Contracting Officer and the Contractor shall agree as to the extent to which payment for allowable costs or payments for other items specifically approved in writing by the Contracting Officer (for example, negotiated fixed amounts) shall be made from advances of Government funds.
- (c) *Timing of payments.* Funds for payments of allowable costs, including payments for pension plan contributions, shall be drawn from the special financial institution account when those payments are made, not when the costs are accrued.
- (d) *Special financial institution account-use.* All advances of Government funds shall be withdrawn pursuant to a payments cleared financing arrangement prescribed by DOE in favor of the financial institution or, at the option of the Government, shall be made by direct payment or other payment mechanism to the Contractor, and shall be deposited only in the special financial institution account referred to in the Special Financial Institution Account Agreement, which is incorporated into this contract as Appendix. The contractor will follow current procedures and requirements for establishing and managing the special financial institution account that are stated in the Department's Financial Management Handbook and relevant Department of Treasury rules.
- (e) *Use of the special financial institution account for unallowable costs.* Government funds in the special financial institution account shall be used only for costs allowable and, if applicable, fees earned under this contract, negotiated fixed amounts, or payments for other items specifically approved in writing by the Contracting Officer.

- (f) *Title to funds advanced.* Title to the unexpended balance of any funds advanced and of any special financial institution account established pursuant to this clause shall remain in the Government and be superior to any claim or lien of the financial institution of deposit or others. It is understood that an advance to the Contractor hereunder is not a loan to the Contractor, and will not require the payment of interest by the Contractor, and the Contractor acquires no right, title or interest in or to such advance other than the right to make expenditures therefrom, as provided in this clause.
- (g) *Financial settlement.* The Government shall promptly pay to the Contractor the unpaid balance of allowable costs and fee upon termination of the work, expiration of the term of the contract, or completion of the work and its acceptance by the Government after—
- (1) Compliance by the Contractor with DOE/NNSA's patent clearance requirements; and
 - (2) The furnishing by the Contractor of—
 - (i) An assignment of the Contractor's rights to any refunds, rebates, allowances, accounts receivable, collections accruing to the Contractor in connection with the work under this contract, or other credits applicable to allowable costs under the contract;
 - (ii) A closing financial statement which shall also include a schedule reconciling the allowable costs by fiscal year to the payments made by fiscal year;
 - (iii) The accounting for Government-owned property required by the clause entitled "Property"; and
 - (iv) A release discharging the Government, its officers, agents, and employees from all liabilities, obligations, and claims arising out of or under this contract subject only to the following exceptions—
 - (A) Specified claims in stated amounts or in estimated amounts where the amounts are not susceptible to exact statement by the Contractor;
 - (B) Claims, together with reasonable expenses incidental thereto, based upon liabilities of the Contractor to third parties arising out of the performance of this contract; provided that such claims are not known to the Contractor on the date of the execution of the release; and provided further that the Contractor gives notice of such claims in writing to the Contracting Officer promptly, but not more than one (1) year after the Contractor's right of action first accrues. In addition, the Contractor shall provide prompt notice to the Contracting

Officer of all potential claims under this clause, whether in litigation or not (see also Contract Clause, 48 CFR 970.5228-1, "Insurance— Litigation and Claims");

- (C) Claims for reimbursement of costs (other than expenses of the Contractor by reason of any indemnification of the Government against patent liability), including reasonable expenses incidental thereto, incurred by the Contractor under the provisions of this contract relating to patents; and
 - (D) Claims recognizable under the clause entitled, Nuclear Hazards Indemnity Agreement.
- (3) In arriving at the amount due the Contractor under this clause, there shall be deducted—
- (i) Any claim which the Government may have against the Contractor in connection with this contract; and
 - (ii) Deductions due under the terms of this contract and not otherwise recovered by or credited to the Government. The unliquidated balance of the special financial institution account may be applied to the amount due and any balance shall be returned to the Government forthwith.
- (h) *Claims.* Claims for credit against funds advanced for payment shall be accompanied by such supporting documents and justification as the Contracting Officer shall prescribe.
- (i) *Discounts.* The Contractor shall take and afford the Government the advantage of all known and available cash and trade discounts, rebates, allowances, credits, salvage, and commissions unless the Contracting Officer finds that action is not in the best interest of the Government.
- (j) *Collections.* All collections accruing to the Contractor in connection with the work under this contract, except for the Contractor's fee and royalties or other income accruing to the Contractor from technology transfer activities in accordance with this contract, shall be Government property and shall be processed and accounted for in accordance with applicable requirements imposed by the Contracting Officer pursuant to the Laws, regulations, and DOE directives clause of this contract and, to the extent consistent with those requirements, shall be deposited in the special financial institution account or otherwise made available for payment of allowable costs under this contract, unless otherwise directed by the Contracting Officer.
- (k) *Direct payment of charges.* The Government reserves the right, upon 10 days' written notice from the Contracting Officer to the Contractor, to pay directly to the persons concerned, all amounts due which otherwise would be allowable under this

contract. Any payment so made shall discharge the Government of all liability to the Contractor.

- (l) *Determining allowable costs.* Regardless of contract type, the Contracting Officer shall determine allowable costs in accordance with 48 CFR 31.2 and 48 CFR 970.31 in effect on the date of this contract and other provisions of this contract.

(End of clause)

10. Remove **DEAR 970.5232-3 Accounts, records, and inspection dated Dec 2010** from Section I subsection B. DEAR CLAUSES INCORPORATED BY REFERENCE.

11. Add Section I clause **I-40 DEAR 970.5232-3 Accounts, records, and inspection (OCT 2021) (NNSA CLASS DEVIATION NOV 2021)** in subsection C. FAR AND DEAR CLAUSES INCORPORATED IN FULL TEXT with the following:

I-40 DEAR 970.5232-3 Accounts, records, and inspection (OCT 2021) (NNSA CLASS DEVIATION NOV 2021)

- (a) *Accounts.* The Contractor shall maintain a single financial management system with separate and distinct set of accounts, records, documents, and other evidence showing and supporting: all allowable costs, collections accruing to the Contractor in connection with the work under this contract, other applicable credits, negotiated fixed amounts, and fee accruals under this contract; and the receipt, use, and disposition of all Government property coming into the possession of the Contractor under this contract. The system of accounts employed by the Contractor shall be satisfactory to DOE and in accordance with generally accepted accounting principles consistently applied.
- (b) *Inspection and audit of accounts and records.* All books of account and records relating to this contract shall be subject to inspection and audit by DOE or its designees in accordance with the provisions of the clause, Access to and Ownership of Records, at all reasonable times, before and during the period of retention provided for in paragraph (d) of this clause, and the Contractor shall afford DOE proper facilities for such inspection and audit.
- (c) *Audit of subcontractors' incurred costs.* If the subcontractor's incurred costs are a factor in determining the amount the Contractor pays the subcontractor and submits to the Government for reimbursement, the Contractor shall: perform a sufficient amount of audit work (that the Contracting Officer agrees is sufficient) of its subcontractor's incurred costs to provide reasonable assurance the costs are allowable; or arrange for an audit by the cognizant government audit agency through the Contracting Officer of its subcontractor's incurred costs.
- (d) *Disposition of records.* Except as agreed upon by the Government and the Contractor, all financial and cost reports, books of account and supporting documents, system files, data bases, and other data evidencing costs allowable, collections accruing to the Contractor in connection with the work under this

contract, other applicable credits, and fee accruals under this contract, shall be the property of the Government, and shall be delivered to the Government or otherwise disposed of by the Contractor either as the Contracting Officer may from time to time direct during the progress of the work or, in any event, as the Contracting Officer shall direct upon completion or termination of this contract and final audit of accounts hereunder. Except as otherwise provided in this contract, including provisions of the clause 970.5204-3, Access to and Ownership of Records, all other records in the possession of the Contractor relating to this contract shall be preserved by the Contractor for a period of three years after final payment under this contract or otherwise disposed of in such manner as may be agreed upon by the Government and the Contractor.

- (e) *Reports.* The Contractor shall furnish such progress reports and schedules, financial and cost reports, and other reports concerning the work under this contract as the Contracting Officer may from time to time require.
- (f) *Inspections.* The DOE shall have the right to inspect the work and activities of the Contractor under this contract at such time and in such manner as it shall deem appropriate.
- (g) *Subcontracts.* The Contractor further agrees to require the inclusion of provisions similar to those in paragraphs (a) through (g) and paragraph (h) of this clause in all subcontracts (including fixed-price or unit-price subcontracts or purchase orders) of any tier entered into hereunder where, under the terms of the subcontract, costs incurred are a factor in determining the amount payable to the subcontractor.
- (h) *Comptroller General.*
 - (1) The Comptroller General of the United States, or an authorized representative, shall have access to and the right to examine any of the Contractor's or subcontractor's directly pertinent records involving transactions related to this contract or a subcontract hereunder and to interview any employee regarding such transactions.
 - (2) This paragraph may not be construed to require the Contractor or subcontractor to create or maintain any record that the Contractor or subcontractor does not maintain in the ordinary course of business or pursuant to a provision of law.
 - (3) Nothing in this contract shall be deemed to preclude an audit by the Government Accountability Office of any transaction under this contract.
- (i) *Internal audit.* The Contractor agrees to design and maintain an internal audit plan and an internal audit organization.
 - (1) Upon contract award, the exercise of any contract option, or the extension of the contract, the Contractor must submit to the Contracting Officer for approval an Internal Audit Implementation Design to include the overall

strategy for internal audits. The Audit Implementation Design must describe—

- (i) The internal audit organization's placement within the Contractor's organization and its reporting requirements;
 - (ii) The audit organization's size and the experience and educational standards of its staff;
 - (iii) The audit organization's relationship to the corporate entities of the Contractor;
 - (iv) The standards to be used in conducting the internal audits;
 - (v) The overall internal audit strategy of this contract, considering particularly the method of auditing costs incurred in the performance of the contract;
 - (vi) The intended use of external audit resources;
 - (vii) The plan for audit of subcontracts, both pre-award and post-award; and
 - (viii) The schedule for peer review of internal audits by other contractor internal audit organizations, or other independent third party audit entities approved by the DOE Contracting Officer.
- (2) By each January 31 of the contract performance period, the Contractor must submit an annual audit report to the Contracting Officer, providing a summary of the audit activities undertaken during the previous fiscal year. That report shall reflect the results of the internal audits during the previous fiscal year and the actions to be taken to resolve weaknesses identified in the contractor's system of business, financial, or management controls.
- (3) By each June 30 of the contract performance period, the Contractor must submit to the Contracting Officer an annual audit plan for the activities to be undertaken by the internal audit organization during the next fiscal year that is designed to test the costs incurred and contractor management systems described in the internal audit design.
- (4) The Contracting Officer may require revisions to documents submitted under paragraphs (i)(1), (i)(2), and (i)(3) of this clause, including the design plan for the internal audits, the annual report, and the annual internal audits.
- (j) *Remedies.* If at any time during contract performance, the Contracting Officer determines that unallowable costs were claimed by the Contractor to the extent of making the contractor's management controls suspect, or the contractor's management systems that validate costs incurred and claimed suspect, the Contracting Officer may, in his or her sole discretion, require the Contractor to cease using the special financial institution account in whole or with regard to specified accounts, requiring reimbursable costs to be claimed by periodic vouchering. In addition, the Contracting Officer, where he or she deems it appropriate, may: Impose a penalty under 48 CFR 52.242-3, Penalties for Unallowable Costs; require a refund; reduce the contractor's otherwise earned fee; and take such other action as authorized in law, regulation, or this contract.

(End of clause)

12. Remove **DEAR 970.5232-7 FINANCIAL MANAGEMENT SYSTEM (Dec 2000)** from Section I subsection B. DEAR CLAUSES INCORPORATED BY REFERENCE.
13. Add Section I clause **I-41 DEAR 970.5232-7 FINANCIAL MANAGEMENT SYSTEM (OCT 2021)** in subsection C. FAR AND DEAR CLAUSES INCORPORATED IN FULL TEXT with the following:

I-41 DEAR 970.5232-7 FINANCIAL MANAGEMENT SYSTEM (OCT 2021)

- (a) The Contractor shall maintain and administer a financial management system that is suitable to provide proper accounting in accordance with DOE requirements. In addition, the Contractor shall maintain and administer a financial management system that is in accordance with Generally Accepted Accounting Principles (GAAP) for Federal entities, as defined by the Federal Accounting Standards Advisory Board and implemented by the DOE Financial Management Handbook and other implementing policies. The financial system will also permit the proper allocation of costs to separately funded activities consistent with Cost Accounting Standards (CAS), as defined by 48 CFR 9900 and any implementing DOE policies, and ensures that accountability for the assets can be maintained.
- (b) The Contractor shall submit to the Contracting Officer for written approval an annual plan for new financial management systems and/or subsystems and major enhancements and/or upgrades to the currently existing financial systems and/or subsystems. The Contractor shall notify DOE 30 days in advance of any planned implementation of any substantial changes to the plan and, as requested by the Contracting Officer, shall submit any such changes to the Contracting Officer for written approval before implementation.

(End of clause)

14. Remove **DEAR 970.5232-8 INTEGRATED ACCOUNTING (Dec 2000)** from Section I subsection B. DEAR CLAUSES INCORPORATED BY REFERENCE.
15. Add Section I clause **I-42 DEAR 970.5232-8 INTEGRATED ACCOUNTING (OCT 2021)** in subsection C. FAR AND DEAR CLAUSES INCORPORATED IN FULL TEXT with the following:

I-42 DEAR 970.5232-8 INTEGRATED ACCOUNTING (OCT 2021)

Integrated accounting procedures are required for use under this contract. The Contractor's financial management system shall include an integrated accounting system that is linked to DOE's accounts through the use of corresponding accounts and that has electronic capability to transmit monthly and year-end self-balancing trial balances to the Department's primary accounting system for reporting financial activity under this contract in accordance with requirements imposed by the Contracting Officer pursuant to the Laws,

Regulations, and DOE Directives clause of this contract.

(End of clause)

16. Replace Section I clause I-27 **DEAR 970.5244-1 CONTRACTOR PURCHASING SYSTEM (JAN 2013) (NNSA CLASS DEVIATION MAY 2016 MODIFIED BY NNSA AL 2020-02)** in subsection C. FAR AND DEAR CLAUSES INCORPORATED IN FULL TEXT with the following:

I-27 DEAR 970.5244-1 Contractor purchasing system (OCT 2021) (NNSA CLASS DEVIATION FEB 2022)

- (a) *General.* The Contractor shall develop, implement, and maintain formal policies, practices, and procedures to be used in the award of subcontracts consistent with this clause. The Contractor's purchasing system and methods shall be fully documented, consistently applied, and acceptable to the Department of Energy (DOE) in accordance with 48 CFR 970.4401-1. The Contractor shall maintain file documentation appropriate to the value of the purchase and adequate to establish the propriety of the transaction and the price paid. The Contractor's obligations include, among other things, retaining documentation to justify the cost on any flexibly priced subcontract or any subcontract with a flexibly priced element. DOE reserves the right at any time to require that the Contractor submit for approval any or all subcontracts or purchases under this contract. The Contractor shall not purchase any item or service expressly prohibited by the written direction of DOE, and shall use any special and directed sources expressly required by the DOE Contracting Officer. DOE will conduct periodic appraisals of the Contractor's management of all facets of the Contractor's purchasing function, including the Contractor's compliance with its approved system and methods and the Contractor's management of the function. Such appraisals shall be performed against the criteria and measures set forth in 48 CFR subpart 44.3. The Contractor's approved purchasing system and methods shall include the requirements set forth in paragraphs (b) through (y) of this clause.
- (b) *Acquisition of utility services.* Utility services shall be acquired in accordance with the requirements of 48 CFR subpart 970.41.
- (c) *Acquisition of real property.* Real estate or real property interests shall be acquired in accordance with 48 CFR subpart 917.74.
- (d) *Advance notice of proposed subcontract awards.* Advance notice shall be provided in accordance with 48 CFR 970.4401-3.
- (e) *Audit of subcontractors.*
- (1) The Contractor shall provide for—
- (i) Periodic post-award audit--or a sufficient amount of audit work (the Contracting Officer agrees is sufficient) to provide reasonable assurance that all claimed subcontract costs are allowable for:

flexibly priced subcontracts at all tiers; and the flexibly priced elements in any subcontracts at all tiers (“flexibly priced” subcontracts and elements include Cost- Reimbursement subcontracts, Time-and-Materials subcontracts, cost-reimbursement elements in Fixed-Priced contracts, etc.); and

- (ii) Audits, where necessary, to provide a valid basis for pre-award or cost or price analysis.
- (2) Responsibility for determining the allowability of costs under each cost-reimbursement subcontract remains with the Contractor or next higher-tier subcontractor. The Contractor shall provide, in appropriate cases, for the timely joint involvement of the Contractor and the DOE Contracting Officer in resolution of subcontract cost allowability. In no case, however, shall the Contractor’s subcontract audit arrangements preclude the Contracting Officer’s determination of the allowability or unallowability of the subcontract costs the Contractor claims for reimbursement.
 - (3) Where audits of subcontractors at any tier are required, the Contractor shall consult with the Cognizant Contract Auditor to determine if the auditor is already planning to audit the subcontract. If not already planned, the Contractor shall consult with the DOE Contracting Officer on the best approach for obtaining an audit; this may involve employing external auditors. The Contractor shall interact with the cognizant Federal agency in a manner appropriate to the magnitude and nature of the subcontracted work. In no case, however, shall subcontractor auditing arrangements preclude determination by the Contracting Officer of the allowability or unallowability of subcontractor costs claimed for reimbursement by the Contractor.
 - (4) Allowable costs for cost-reimbursement subcontracts are to be determined in accordance with the cost principles of 48 CFR part 31, appropriate for the type of organization to which the subcontract is to be awarded, as supplemented by 48 CFR part 931. Allowable costs in the purchase or transfer from contractor-affiliated sources shall be determined in accordance with 48 CFR 970.4402-3 and 48 CFR 31.205-26(e).
- (f) *Bonds and insurance.*
- (1) The Contractor shall require performance bonds in amounts as set forth in 48 CFR 28.102-2(b) for all fixed-priced and unit-priced construction subcontracts in excess of \$150,000. The Contractor shall consider the use of performance bonds in fixed-price non- construction subcontracts, where appropriate.
 - (2) For fixed-price, unit-priced and cost reimbursement construction subcontracts in excess of \$150,000, a payment bond shall be obtained on Standard Form 25A modified to name the Contractor as well as the United

States of America as obligees. The amounts shall be determined in accordance with 48 CFR 28.102-2(b).

- (3) For fixed-price, unit-priced and cost-reimbursement construction subcontracts greater than \$35,000, but not greater than \$150,000, the Contractor shall select two or more of the payment protections at 48 CFR 28.102-1(b), giving particular consideration to the inclusion of an irrevocable letter of credit as one of the selected alternatives.
- (4) A subcontractor may have more than one acceptable surety in both construction and other subcontracts, provided that in no case will the liability of any one surety exceed the maximum sum for which it is qualified for any one obligation. For subcontracts other than construction, a co-surety (two or more sureties together) may reinsure amounts in excess of their individual capacity, with each surety having the required underwriting capacity that appears on the list of acceptable corporate sureties.
- (g) *Buy American.* The Contractor shall comply with the provisions of the Buy American Act as reflected in 48 CFR 52.225-1 and 48 CFR 52.225-9. The Contractor shall forward determinations of non-availability of individual items to the DOE Contracting Officer for approval. Items in excess of \$500,000 require the prior concurrence of the Head of Contracting Activity. If, however, the Contractor has an approved purchasing system, the Head of the Contracting Activity may authorize the Contractor to make determinations of non-availability for individual items valued at \$500,000 or less.
- (h) *Construction and architect-engineer subcontracts.*
 - (1) *Independent Estimates.* A detailed, independent estimate of costs shall be prepared for all construction work to be subcontracted that is expected to exceed the simplified acquisition threshold.
 - (2) *Prevention of conflict of interest.*
 - (i) The Contractor shall not award a subcontract for construction to the architect-engineer firm or an affiliate that prepared the design. This prohibition does not preclude the award of a "turnkey" subcontract so long as the subcontractor assumes all liability for defects in design and construction and consequential damages.
 - (ii) The Contractor shall not award both a cost-reimbursement subcontract and a fixed-price subcontract for construction or architect-engineer services or any combination thereof to the same firm where those subcontracts will be performed at the same site.
 - (iii) The Contractor shall not employ the construction subcontractor or an affiliate to inspect the firm's work. The Contractor shall assure that the working relationships of the construction subcontractor and the

subcontractor inspecting its work and the authority of the inspector are clearly defined.

- (i) *Contractor-affiliated sources.* Equipment, materials, supplies, or services from a contractor-affiliated source shall be purchased or transferred in accordance with 48 CFR 970.4402-3.
- (j) *Contractor-subcontractor relationship.* The obligations of the Contractor under paragraph (a) of this clause, including the development of the purchasing system and methods, and purchases made pursuant thereto, shall not relieve the Contractor of any obligation under this contract (including, among other things, the obligation to properly supervise, administer, and coordinate the work of subcontractors). Subcontracts shall be in the name of the Contractor, and shall not bind or purport to bind the Government.
- (k) *Government property.* The Contractor shall establish and maintain a property management system that complies with criteria in 48 CFR 970.5245-1, Property.
- (l) *Indemnification.* Except for Price-Anderson Nuclear Hazards Indemnity, no subcontractor may be indemnified except with the prior approval of the Head of the Contracting Activity, in consultation with the local legal counsel.
- (m) *Leasing of motor vehicles.* Contractors shall comply with 48 CFR subpart 8.11 and 48 CFR subpart 908.11.
- (n) *Management, acquisition and use of information resources.* Requirements for information technology and telecommunications facilities, services, and equipment, shall be reviewed and approved in accordance with applicable DOE Orders, statutes, and regulations.
- (o) *Priorities, allocations and allotments.* Priorities, allocations and allotments shall be extended to appropriate subcontracts in accordance with the clause or clauses of this contract dealing with priorities and allocations.
- (p) *Purchase of special items.* Purchase of the following items shall be in accordance with the following provisions of 48 CFR subpart 8.5, 48 CFR subpart 908.71 Federal Management Regulation (41 CFR chapter 102), the Federal Property Management Regulation (41 CFR chapter 101), and the following:
 - (1) Motor vehicles—48 CFR 908.7101
 - (2) Aircraft—48 CFR 908.7102
 - (3) Security Cabinets—48 CFR 908.7106
 - (4) Alcohol—48 CFR 908.7107
 - (5) Helium—48 CFR subpart 8.5
 - (6) Fuels and packaged petroleum products—48 CFR 908.7109
 - (7) Coal—48 CFR 908.7110
 - (8) Arms and Ammunition—48 CFR 908.7111
 - (9) Heavy Water—48 CFR 908.7121(a)

- (10) Precious Metals—48 CFR 908.7121(b)
 - (11) Lithium—48 CFR 908.7121(c)
 - (12) Products and services of the blind and severely handicapped—41 CFR 101-26.701
 - (13) Products made in Federal penal and correctional institutions—41 CFR 101-26.702
- (q) *Purchase versus lease determinations.* The Contractor shall determine whether required equipment and property should be purchased or leased, and establish appropriate thresholds for application of lease versus purchase determinations. Such determinations shall be made—
- (1) At time of original acquisition;
 - (2) When lease renewals are being considered; and
 - (3) At other times as circumstances warrant.
- (r) *Quality assurance.* The Contractor shall include appropriate clauses in subcontracts related to quality assurance requirements that provide no less protection for the Government, as that required of the Contractor in the prime contract.
- (s) *Setoff of assigned subcontractor proceeds.* Where a subcontractor has been permitted to assign payments to a financial institution, the assignment shall treat any right of setoff in accordance with 48 CFR 932.803.
- (t) *Strategic and critical materials.* The Contractor may use strategic and critical materials in the National Defense Stockpile.
- (u) *Termination.* When subcontracts are terminated as a result of the termination of all or a portion of this contract, the Contractor shall settle with subcontractors in conformity with the policies and principles relating to settlement of prime contracts in 48 CFR subparts 49.1, 49.2 and 49.3. When subcontracts are terminated for reasons other than termination of this contract, the Contractor shall settle such subcontracts in general conformity with the policies and principles in 48 CFR subparts 49.1, 49.2, 49.3 and 49.4. Each such termination shall be documented and consistent with the terms of this contract. Terminations which require approval by the Government shall be supported by accounting data and other information as may be directed by the Contracting Officer.
- (v) *Unclassified controlled nuclear information.* Subcontracts involving unclassified controlled nuclear information shall be treated in accordance with 10 CFR part 1017.
- (w) *Subcontract flowdown requirements.* In addition to terms and conditions that are included in the prime contract which direct application of such terms and conditions in appropriate subcontracts, the Contractor shall include the following clauses in subcontracts, as applicable:
- (1) Wage rate requirements (construction), formerly known as Davis-Bacon,

clauses prescribed in 48 CFR 22.407.

- (2) Foreign Travel clause prescribed in 48 CFR 952.247-70.
 - (3) Counterintelligence clause prescribed in 48 CFR 970.0404-4(a).
 - (4) Service Contract Labor Standards, formerly known as Service Contract Act clauses prescribed in 48 CFR 22.1006.
 - (5) State and local taxes clause prescribed in 48 CFR 970.2904-1.
 - (6) Cost or pricing data clauses prescribed in 48 CFR 970.1504-3-1.
 - (7) Displaced Employee Hiring Preference clause prescribed in 48 CFR 926.7104.
 - (8) Service Contract Reporting clause prescribed in 48 CFR 4.1705.
 - (9) Contract Work Hours and Safety Standards – Overtime Compensation as prescribed in 48 CFR 22.305.
 - (10) Paid Sick leave under Executive Order 13706 as prescribed in 48 CFR 22.2110.
 - (11) Collective Bargaining Agreements Management and Operating Contracts as prescribed in 48 CFR 970.2201-1-3.
 - (12) Workplace Substance Abuse Programs at DOE Sites as prescribed in 48 CFR 970.2305-4.
- (x) *Legal services.* Contractor purchases of litigation and other legal services are subject to the requirements in 10 CFR part 719.

(End of clause)

17. End of Contract Modification