

**SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS  
OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, & 30**

1. REFERENCE NO.  
07-10-502

PAGE 1 OF

2. CONTRACT NO.

NRC-07-10-502

3. AWARD/EFFECTIVE DATE

**JUL 27 2010**

4. ORDER NO.

5. SOLICITATION NUMBER

NSR-10-502

6. SOLICITATION ISSUE DATE

7. FOR SOLICITATION  
INFORMATION CALL:

a. NAME

William Adams

b. TELEPHONE NO. (No Collect Calls)

301-492-3641

8. OFFER DUE DATE/LOCAL  
TIME

9. ISSUED BY

CODE 3100

U.S. Nuclear Regulatory Commission  
Div. of Contracts  
Attn:  
Mail Stop: TWB-01-B10M  
Washington, DC 20555

10. THIS ACQUISITION IS

☐ UNRESTRICTED OR

☒ SET ASIDE: 100 % FOR:

☐ SMALL BUSINESS

☐ EMERGING SMALL  
BUSINESS

☐ HUBZONE SMALL  
BUSINESS

☐ SERVICE-DISABLED VETERAN-  
OWNED SMALL BUSINESS ☒ 8(A)

NAICS: 541513  
SIZE STANDARD:

11. DELIVERY FOR FOB DESTINA-  
TION UNLESS BLOCK IS  
MARKED

☐ SEE SCHEDULE

12. DISCOUNT TERMS

☐ 13a. THIS CONTRACT IS A  
RATED ORDER UNDER  
DPAS (15 CFR 700)

13b. RATING  
N/A

14. METHOD OF SOLICITATION

☐ RFQ

☐ IFB

☒ RFP

15. DELIVER TO

CODE

U.S. Nuclear Regulatory Commission

Washington DC 20555

16. ADMINISTERED BY

CODE 3100

U.S. Nuclear Regulatory Commission  
Div. of Contracts  
Mail Stop: TWB-01-B10M

Washington, DC 20555

17a. CONTRACTOR/OFFEROR CODE

FACILITY CODE

KMC, INC

9538 LAGERSFIELD CIR

VIENNA VA 221816174

TELEPHONE NO. DUNS# 103462490

18a. PAYMENT WILL BE MADE BY

CODE 3100

Department of Interior / NBC  
NRCPayments@nbc.gov  
Attn: Fiscal Services Branch - D2770  
7301 W. Mansfield Avenue  
Denver CO 80235-2230

☐ 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER

18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED

☐ SEE ADDENDUM

19. ITEM NO.	20. See CONTINUATION Page SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
CLIN 001	Program Manager (base period) Period of performance 07/23/2010 through 11/22/2011		Hours		
CLIN 002	Senior IT Engineer / Developer / Architect (base period) Period of performance 07/23/2010 through 11/22/2011		Hours		
CLIN 003	Option Period 1 - Program Manager Period of performance 11/23/2011 through 11/22/2012 Subject to the availability of funds		Hours		
CLIN 004	Option Period 1 - Senior IT Engineer / Developer / Architect Period of performance 11/23/2011 through 11/22/2012 Subject to the availability of funds		Hours		
(Use Reverse and/or Attach Additional Sheets as Necessary)				SUBTOTAL	

25. ACCOUNTING AND APPROPRIATION DATA See CONTINUATION Page  
B.B. & R Number: 011-15-123-133 ; Job Code: R1167;  
BOC: 251A; Appr # 31X0200.011  
FUNDED AMOUNT \$133,000.00

26. TOTAL AWARD AMOUNT (For Govt. Use Only)

133,000.00

☐ 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4, FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA

☐ ARE ☐ ARE NOT ATTACHED.

☐ 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4, FAR 52.212-5 IS ATTACHED. ADDENDA

☒ ARE ☐ ARE NOT ATTACHED

☐ 28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN  
COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND  
DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY  
ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED

☐ 29. AWARD OF CONTRACT: REF. \_\_\_\_\_ OFFER  
DATED \_\_\_\_\_ YOUR OFFER ON SOLICITATION  
(BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE  
SET FORTH HEREIN IS ACCEPTED AS TO ITEMS:

30a. SIGNATURE OF OFFEROR/CONTRACTOR

31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER)

30b. NAME AND TITLE OF SIGNER (TYPE OR PRINT)

30c. DATE SIGNED

31b. NAME OF CONTRACTING OFFICER (TYPE OR PRINT)

31c. DATE SIGNED

*Taron Cai, President*

*07/27/2010*

*William A. Adams*  
Contracting Officer

*7/29/2010*

AUTHORIZED FOR LOCAL REPRODUCTION  
PREVIOUS EDITION IS NOT USABLE

STANDARD FORM 1449 (REV. 3/2005)  
Prescribed by GSA - FAR (48 CFR) 53.212

**SUNSI REVIEW COMPLETE**

TEMPLATE - ADMIN

JUL 30 2010

ADMIN

19. ITEM NO.	SCHEDULE	SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT

32a. QUANTITY IN COLUMN 21 HAS BEEN

☐ RECEIVED
 ☐ INSPECTED
 ☐ ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED: \_\_\_\_\_

32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32c. DATE	32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE
--------------------------------------------------------	-----------	---------------------------------------------------------------------

32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMENT REPRESENTATIVE
	32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE

33. SHIP NUMBER	34. VOUCHER NUMBER	35. AMOUNT VERIFIED CORRECT FOR	36. PAYMENT	37. CHECK NUMBER
<input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL			<input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	

38. S/R ACCOUNT NUMBER	39. S/R VOUCHER NUMBER	40. PAID BY
------------------------	------------------------	-------------

41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT	42a. RECEIVED BY (Print)
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER	42b. RECEIVED AT (Location)
41c. DATE	42c. DATE REC'D (YY/MM/DD)
	42d. TOTAL CONTAINERS

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## SECTION B - CONTINUATION BLOCK

## B.1 PRICE/COST SCHEDULE

ITEM NO.	DESCRIPTION OF SUPPLIES/SVCS	QTY	UNIT	UNIT PRICE	AMOUNT
1	OCIMS e-LIBRARY SUB SYSTEM				\$133,000.00
GRAND TOTAL ---					\$133,000.00
					=====

## ACCOUNTING AND APPROPRIATION DATA:

ACRN APPROPRIATION	REQUISITION NUMBER	AMOUNT
1 B&R-011-15-123-133-JCN-R1167-BOC 07-10-502	P	\$0.00

## B.2 DELIVERY SCHEDULE

ITEM NUMBER	QUANTITY	DATE OF DELIVERY
1		

**SECTION C - CONTRACT CLAUSES****C.1 52.212-4 CONTRACT TERMS AND CONDITIONS--COMMERCIAL ITEMS (MAR 2009)  
ALTERNATE I (OCT 2008)****(a) Inspection/Acceptance.**

(1) The Government has the right to inspect and test all materials furnished and services performed under this contract, to the extent practicable at all places and times, including the period of performance, and in any event before acceptance. The Government may also inspect the plant or plants of the Contractor or any subcontractor engaged in contract performance. The Government will perform inspections and tests in a manner that will not unduly delay the work.

(2) If the Government performs inspection or tests on the premises of the Contractor or a subcontractor, the Contractor shall furnish and shall require subcontractors to furnish all reasonable facilities and assistance for the safe and convenient performance of these duties.

(3) Unless otherwise specified in the contract, the Government will accept or reject services and materials at the place of delivery as promptly as practicable after delivery, and they will be presumed accepted 60 days after the date of delivery, unless accepted earlier.

(4) At any time during contract performance, but not later than 6 months (or such other time as may be specified in the contract) after acceptance of the services or materials last delivered under this contract, the Government may require the Contractor to replace or correct services or materials that at time of delivery failed to meet contract requirements. Except as otherwise specified in paragraph (a)(6) of this clause, the cost of replacement or correction shall be determined under paragraph (i) of this clause, but the "hourly rate" for labor hours incurred in the replacement or correction shall be reduced to exclude that portion of the rate attributable to profit. Unless otherwise specified below, the portion of the "hourly rate" attributable to profit shall be 10 percent. The Contractor shall not tender for acceptance materials and services required to be replaced or corrected without disclosing the former requirement for replacement or correction, and, when required, shall disclose the corrective action taken. [Insert portion of labor rate attributable to profit.]

(5)(i) If the Contractor fails to proceed with reasonable promptness to perform required replacement or correction, and if the replacement or correction can be performed within the ceiling price (or the ceiling price as increased by the Government), the Government may--

(A) By contract or otherwise, perform the replacement or correction, charge to the Contractor any increased cost, or deduct such increased cost from any amounts paid or due under this contract; or

(B) Terminate this contract for cause.

(ii) Failure to agree to the amount of increased cost to be charged to the Contractor shall be a dispute under the Disputes clause of the contract.

(6) Notwithstanding paragraphs (a)(4) and (5) above, the Government may at any time require the Contractor to remedy by correction or replacement, without cost to the Government, any failure by the Contractor to comply with the requirements of this contract, if the failure is due to--

(i) Fraud, lack of good faith, or willful misconduct on the part of the Contractor's managerial personnel; or

(ii) The conduct of one or more of the Contractor's employees selected or retained by the Contractor after any of the Contractor's managerial personnel has reasonable grounds to believe that the employee is habitually careless or unqualified.

(7) This clause applies in the same manner and to the same extent to corrected or replacement materials or services as to materials and services originally delivered under this contract.

(8) The Contractor has no obligation or liability under this contract to correct or replace materials and services that at time of delivery do not meet contract requirements, except as provided in this clause or as may be otherwise specified in the contract.

(9) Unless otherwise specified in the contract, the Contractor's obligation to correct or replace Government-furnished property shall be governed by the clause pertaining to Government property.

(b) Assignment. The Contractor or its assignee may assign its rights to receive payment due as a result of performance of this contract to a bank, trust company, or other financing institution, including any Federal lending agency in accordance with the Assignment of Claims Act (31 U.S.C. 3727). However, when a third party makes payment (e.g., use of the Governmentwide commercial purchase card), the Contractor may not assign its rights to receive payment under this contract.

(c) Changes. Changes in the terms and conditions of this contract may be made only by written agreement of the parties.

(d) Disputes. This contract is subject to the Contract Disputes Act of 1978, as amended (41 U.S.C. 601-613). Failure of the parties to this contract to reach agreement on any request for equitable adjustment, claim, appeal or action arising under or relating to this contract shall be a dispute to be resolved in accordance with the clause at FAR 52.233-1, Disputes, which is incorporated herein by reference. The Contractor shall proceed diligently with performance of this contract, pending final resolution of any dispute arising under the contract.

(e) Definitions.

(1) The clause at FAR 52.202-1, Definitions, is incorporated herein by reference. As used in this clause--

(i) Direct materials means those materials that enter directly into the end product, or that are used or consumed directly in connection with the furnishing of the end product or service.

(ii) Hourly rate means the rate(s) prescribed in the contract for payment for labor that meets the labor category qualifications of a labor category specified in the contract that are--

(A) Performed by the contractor;

(B) Performed by the subcontractors; or

(C) Transferred between divisions, subsidiaries, or affiliates of the contractor under a common control.

(iii) Materials means--

(A) Direct materials, including supplies transferred between divisions, subsidiaries, or affiliates of the contractor under a common control;

(B) Subcontracts for supplies and incidental services for which there is not a labor category specified in the contract;

(C) Other direct costs (e.g., incidental services for which there is not a labor category specified in the contract, travel, computer usage charges, etc.);

(D) The following subcontracts for services which are specifically excluded from the hourly rate: [Insert any subcontracts for services to be excluded from the hourly rates prescribed in the schedule.]; and

(E) Indirect costs specifically provided for in this clause.

(iv) Subcontract means any contract, as defined in FAR Subpart 2.1, entered into with a subcontractor to furnish supplies or services for performance of the prime contract or a subcontract including transfers between divisions, subsidiaries, or affiliates of a contractor or subcontractor. It includes, but is not limited to, purchase orders, and changes and modifications to purchase orders.

(f) Excusable delays. The Contractor shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of the Contractor and without its fault or negligence such as, acts of God or the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. The Contractor shall notify the Contracting Officer in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to the Contracting Officer of the cessation of such occurrence.

(g) Invoice.

(1) The Contractor shall submit an original invoice and three copies (or electronic invoice, if authorized) to the address designated in the contract to receive invoices. An invoice must include-

(i) Name and address of the Contractor;

(ii) Invoice date and number;

(iii) Contract number, contract line item number and, if applicable, the order number;

(iv) Description, quantity, unit of measure, unit price and extended price of the items delivered;

(v) Shipping number and date of shipment, including the bill of lading number and weight of shipment if shipped on Government bill of lading;

(vi) Terms of any discount for prompt payment offered;

(vii) Name and address of official to whom payment is to be sent;

(viii) Name, title, and phone number of person to notify in event of defective invoice; and

(ix) Taxpayer Identification Number (TIN). The Contractor shall include its TIN on the invoice only if required elsewhere in this contract.

(x) Electronic funds transfer (EFT) banking information.

(A) The Contractor shall include EFT banking information on the invoice only if required elsewhere in this contract.

(B) If EFT banking information is not required to be on the invoice, in order for the invoice to be a proper invoice, the Contractor shall have submitted correct EFT banking information in accordance with the applicable solicitation provision, contract clause (e.g., 52.232-33, Payment by Electronic Funds Transfer-- Central Contractor

Registration, or 52.232-34, Payment by Electronic Funds Transfer--Other Than Central Contractor Registration), or applicable agency procedures.

(C) EFT banking information is not required if the Government waived the requirement to pay by EFT.

(2) Invoices will be handled in accordance with the Prompt Payment Act (31 U.S.C. 3903) and Office of Management and Budget (OMB) prompt payment regulations at 5 CFR part 1315.

(h) Patent indemnity. The Contractor shall indemnify the Government and its officers, employees and agents against liability, including costs, for actual or alleged direct or contributory infringement of, or inducement to infringe, any United States or foreign patent, trademark or copyright, arising out of the performance of this contract, provided the Contractor is reasonably notified of such claims and proceedings.

(i) Payments.

(1) Services accepted. Payment shall be made for services accepted by the Government that have been delivered to the delivery destination(s) set forth in this contract. The Government will pay the Contractor as follows upon the submission of commercial invoices approved by the Contracting Officer:

(i) Hourly rate.

(A) The amounts shall be computed by multiplying the appropriate hourly rates prescribed in the contract by the number of direct labor hours performed. Fractional parts of an hour shall be payable on a prorated basis.

(B) The rates shall be paid for all labor performed on the contract that meets the labor qualifications specified in the contract. Labor hours incurred to perform tasks for which labor qualifications were specified in the contract will not be paid to the extent the work is performed by individuals that do not meet the qualifications specified in the contract, unless specifically authorized by the Contracting Officer.

(C) Invoices may be submitted once each month (or at more frequent intervals, if approved by the Contracting Officer) to the Contracting Officer or the authorized representative.

(D) When requested by the Contracting Officer or the authorized representative, the Contractor shall substantiate invoices (including any subcontractor hours reimbursed at the hourly rate in the schedule) by evidence of actual payment, individual daily job timecards, records that verify the employees meet the qualifications for the labor categories specified in the contract, or other substantiation specified in the contract.

(E) Unless the Schedule prescribes otherwise, the hourly rates in the Schedule shall not be varied by virtue of the Contractor having performed work on an overtime basis.

(1) If no overtime rates are provided in the Schedule and the Contracting Officer approves overtime work in advance, overtime rates shall be negotiated.

(2) Failure to agree upon these overtime rates shall be treated as a dispute under the Disputes clause of this contract.

(3) If the Schedule provides rates for overtime, the premium portion of those rates will be reimbursable only to the extent the overtime is approved by the Contracting Officer.

(ii) Materials.

(A) If the Contractor furnishes materials that meet the definition of a commercial item at FAR 2.101, the price to be paid for such materials shall be the contractor's established catalog or market price, adjusted to reflect the--

(1) Quantities being acquired; and

(2) Any modifications necessary because of contract requirements.

(B) Except as provided for in paragraph (i)(1)(ii)(A) and (D)(2) of this clause, the Government will reimburse the Contractor the actual cost of materials (less any rebates, refunds, or discounts received by the contractor that are identifiable to the contract) provided the Contractor--

(1) Has made payments for materials in accordance with the terms and conditions of the agreement or invoice; or

(2) Makes these payments within 30 days of the submission of the Contractor's payment request to the Government and such payment is in accordance with the terms and conditions of the agreement or invoice.

(C) To the extent able, the Contractor shall--

(1) Obtain materials at the most advantageous prices available with due regard to securing prompt delivery of satisfactory materials; and

(2) Give credit to the Government for cash and trade discounts, rebates, scrap, commissions, and other amounts that are identifiable to the contract.

(D) Other Costs. Unless listed below, other direct and indirect costs will not be reimbursed.

(1) Other Direct Costs. The Government will reimburse the Contractor on the basis of actual cost for the following, provided such costs comply with the requirements in paragraph (i)(1)(ii)(B) of this clause: [Insert each element of other direct costs (e.g., travel, computer usage charges, etc. Insert "None" if no reimbursement for other direct costs will be provided. If this is an indefinite delivery contract, the Contracting Officer may insert "Each order must list separately the elements of other direct charge(s) for that order or, if no reimbursement for other direct costs will be provided, insert 'None'.']

(2) Indirect Costs (Material Handling, Subcontract Administration, etc.). The Government will reimburse the Contractor for indirect costs on a pro-rata basis over the period of contract performance at the following fixed price: [Insert a fixed amount for the indirect costs and payment schedule. Insert "\$0" if no fixed price reimbursement for indirect costs will be provided. (If this is an indefinite delivery contract, the Contracting Officer may insert "Each order must list separately the fixed amount for the indirect costs and payment schedule or, if no reimbursement for indirect costs, insert 'None'.")]

(2) Total cost. It is estimated that the total cost to the Government for the performance of this contract shall not exceed the ceiling price set forth in the Schedule and the Contractor agrees to use its best efforts to perform the work specified in the Schedule and all obligations under this contract within such ceiling price. If at any time the Contractor has reason to believe that the hourly rate payments and material costs that will accrue in performing this contract in the next succeeding 30 days, if added to all other payments and costs previously accrued, will exceed 85 percent of the ceiling price in the Schedule, the Contractor shall notify the Contracting Officer giving a revised estimate of the total price to the Government for performing this contract with supporting reasons and documentation. If at any time during the performance of this contract, the Contractor has reason to believe that the total price to the Government for performing this contract will be substantially greater or less than the then stated ceiling price, the Contractor shall so notify the Contracting Officer, giving a revised estimate of the total price for performing this contract, with supporting reasons and documentation. If at any time during performance of this contract, the Government has reason to believe that the work to be required in performing this contract will be substantially greater or less than the stated ceiling price, the Contracting Officer will so advise the Contractor, giving the then revised estimate of the total amount of effort to be required under the contract.

(3) Ceiling price. The Government will not be obligated to pay the Contractor any amount in excess of the ceiling price in the Schedule, and the Contractor shall not be obligated to continue performance if to do so would exceed the ceiling price set forth in the Schedule, unless and until the Contracting Officer notifies the Contractor in writing that the ceiling price has been increased and specifies in the notice a revised ceiling that shall constitute the ceiling price for performance under this contract. When and to the extent that the ceiling price set forth in the Schedule has been increased, any hours expended and material costs incurred by the Contractor in excess of the ceiling price before the increase shall be allowable to the same extent as if the hours expended and material costs had been incurred after the increase in the ceiling price.

(4) Access to records. At any time before final payment under this contract, the Contracting Officer (or authorized representative) will have access to the following (access shall be limited to the listing below unless otherwise agreed to by the Contractor and the Contracting Officer):

(i) Records that verify that the employees whose time has been included in any invoice meet the qualifications for the labor categories specified in the contract;

(ii) For labor hours (including any subcontractor hours reimbursed at the hourly rate in the schedule), when timecards are required as substantiation for payment--

(A) The original timecards (paper-based or electronic);

(B) The Contractor's timekeeping procedures;

(C) Contractor records that show the distribution of labor between jobs or contracts; and

(D) Employees whose time has been included in any invoice for the purpose of verifying that these employees have worked the hours shown on the invoices.

(iii) For material and subcontract costs that are reimbursed on the basis of actual cost--

(A) Any invoices or subcontract agreements substantiating material costs; and

(B) Any documents supporting payment of those invoices.

(5) Overpayments/Underpayments. Each payment previously made shall be subject to reduction to the extent of amounts, on preceding invoices, that are found by the Contracting Officer not to have been properly payable and shall also be subject to reduction for overpayments or to increase for underpayments. The Contractor shall promptly pay any such reduction within 30 days unless the parties agree otherwise. The Government within 30 days will pay any such increases, unless the parties agree otherwise. The Contractor's payment will be made by check. If the Contractor becomes aware of a duplicate invoice payment or that the Government has otherwise overpaid on an invoice payment, the Contractor shall--

(i) Remit the overpayment amount to the payment office cited in the contract along with a description of the overpayment including the--

(A) Circumstances of the overpayment (e.g., duplicate payment, erroneous payment, liquidation errors, date(s) of overpayment);

(B) Affected contract number and delivery order number, if applicable;

(C) Affected contract line item or subline item, if applicable; and

(D) Contractor point of contact.

(ii) Provide a copy of the remittance and supporting documentation to the Contracting Officer.

(6)(i) All amounts that become payable by the Contractor to the Government under this contract shall bear simple interest from the date due until paid unless paid within 30 days of becoming due. The interest rate shall be the interest rate established by the Secretary of the Treasury, as provided in section 611 of the Contract Disputes Act of 1978 (Public Law 95-563), which is applicable to the period in which the amount becomes due, and then at the rate applicable for each six month period as established by the Secretary until the amount is paid.

(ii) The Government may issue a demand for payment to the Contractor upon finding a debt is due under the contract.

(iii) Final Decisions. The Contracting Officer will issue a final decision as required by 33.211 if--

(A) The Contracting Officer and the Contractor are unable to reach agreement on the existence or amount of a debt in a timely manner;

(B) The Contractor fails to liquidate a debt previously demanded by the Contracting Officer within the timeline specified in the demand for payment unless the amounts were not repaid because the Contractor has requested an installment payment agreement; or

(C) The Contractor requests a deferment of collection on a debt previously demanded by the Contracting Officer (see FAR 32.607-2).

(iv) If a demand for payment was previously issued for the debt, the demand for payment included in the final decision shall identify the same due date as the original demand for payment.

(v) Amounts shall be due at the earliest of the following dates:

(A) The date fixed under this contract.

(B) The date of the first written demand for payment, including any demand for payment resulting from a default termination.

(vi) The interest charge shall be computed for the actual number of calendar days involved beginning on the due date and ending on--

(A) The date on which the designated office receives payment from the Contractor;

(B) The date of issuance of a Government check to the Contractor from which an amount otherwise payable has been withheld as a credit against the contract debt; or

(C) The date on which an amount withheld and applied to the contract debt would otherwise have become payable to the Contractor.

(vii) The interest charge made under this clause may be reduced under the procedures prescribed in 32.608-2 of the Federal Acquisition Regulation in effect on the date of this contract.

(viii) Upon receipt and approval of the invoice designated by the Contractor as the "completion invoice" and supporting documentation, and upon compliance by the Contractor with all terms of this contract, any outstanding balances will be paid within 30 days unless the parties agree otherwise. The completion invoice, and supporting documentation, shall be submitted by the Contractor as promptly as practicable following completion of the work under this contract, but in no event later than 1 year (or such longer period as the Contracting Officer may approve in writing) from the date of completion.

(7) Release of claims. The Contractor, and each assignee under an assignment entered into under this contract and in effect at the time of final payment under this contract, shall execute and deliver, at the time of and as a condition precedent to final payment under this contract, a release discharging the Government, its officers, agents, and employees of and from all liabilities, obligations, and claims arising out of or under this contract, subject only to the following exceptions.

(i) Specified claims in stated amounts, or in estimated amounts if the amounts are not susceptible to exact statement by the Contractor.

(ii) Claims, together with reasonable incidental expenses, based upon the liabilities of the Contractor to third parties arising out of performing this contract, that are not known to the Contractor on the date of the execution of the release, and of which the Contractor gives notice in writing to the Contracting Officer not more than 6 years after the date of the release or the date of any notice to the Contractor that the Government is prepared to make final payment, whichever is earlier.

(iii) Claims for reimbursement of costs (other than expenses of the Contractor by reason of its indemnification of the Government against patent liability), including reasonable incidental expenses, incurred by the Contractor under the terms of this contract relating to patents.

(8) Prompt payment. The Government will make payment in accordance with the Prompt Payment Act (31 U.S.C. 3903) and prompt payment regulations at 5 CFR part 1315.

(9) Electronic Funds Transfer (EFT). If the Government makes payment by EFT, see 52.212-5(b) for the appropriate EFT clause.

(10) Discount. In connection with any discount offered for early payment, time shall be computed from the date of the invoice. For the purpose of computing the discount earned, payment shall be considered to have been made on the date that appears on the payment check or the specified payment date if an electronic funds transfer payment is made.

(j) Risk of loss. Unless the contract specifically provides otherwise, risk of loss or damage to the supplies provided under this contract shall remain with the Contractor until, and shall pass to the Government upon:

(1) Delivery of the supplies to a carrier, if transportation is f.o.b. origin; or

(2) Delivery of the supplies to the Government at the destination specified in the contract, if transportation is f.o.b. destination.

(k) Taxes. The contract price includes all applicable Federal, State, and local taxes and duties.

(l) Termination for the Government's convenience. The Government reserves the right to terminate this contract, or any part hereof, for its sole convenience. In the event of such termination, the Contractor shall immediately stop all work hereunder and shall immediately cause any and all of its suppliers and subcontractors to cease work. Subject to the terms of this contract, the Contractor shall be paid an amount for direct labor hours (as defined in the Schedule of the contract) determined by multiplying the number of direct labor hours expended before the effective date of termination by the hourly rate(s) in the contract, less any hourly rate payments already made to the Contractor plus reasonable charges the Contractor can demonstrate to the satisfaction of the Government using its standard record keeping system that have resulted from the termination. The Contractor shall not be required to comply with the cost accounting standards or contract cost principles for this purpose. This paragraph does not give the Government any right to audit the Contractor's records. The Contractor shall not be paid for any work performed or costs incurred that reasonably could have been avoided.

(m) Termination for cause. The Government may terminate this contract, or any part hereof, for cause in the event of any default by the Contractor, or if the Contractor fails to comply with any contract terms and conditions, or fails to

provide the Government, upon request, with adequate assurances of future performance. In the event of termination for cause, the Government shall not be liable to the Contractor for any amount for supplies or services not accepted, and the Contractor shall be liable to the Government for any and all rights and remedies provided by law. If it is determined that the Government improperly terminated this contract for default, such termination shall be deemed a termination for convenience.

(n) Title. Unless specified elsewhere in this contract, title to items furnished under this contract shall pass to the Government upon acceptance, regardless of when or where the Government takes physical possession.

(o) Warranty. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.

(p) Limitation of liability. Except as otherwise provided by an express warranty, the Contractor will not be liable to the Government for consequential damages resulting from any defect or deficiencies in accepted items.

(q) Other compliances. The Contractor shall comply with all applicable Federal, State and local laws, executive orders, rules and regulations applicable to its performance under this contract.

(r) Compliance with laws unique to Government contracts. The Contractor agrees to comply with 31 U.S.C. 1352 relating to limitations on the use of appropriated funds to influence certain Federal contracts; 18 U.S.C. 431 relating to officials not to benefit; 40 U.S.C. 3701, et seq., Contract Work Hours and Safety Standards Act; 41 U.S.C. 51-58, Anti-Kickback Act of 1986; 41 U.S.C. 265 and 10 U.S.C. 2409 relating to whistleblower protections; Section 1553 of the American Recovery and Reinvestment Act of 2009 relating to whistleblower protections for contracts funded under that Act; 49 U.S.C. 40118, Fly American; and 41 U.S.C. 423 relating to procurement integrity.

(s) Order of precedence. Any inconsistencies in this solicitation or contract shall be resolved by giving precedence in the following order:

(1) The schedule of supplies/services.

(2) The Assignments, Disputes, Payments, Invoice, Other Compliances, and Compliance with Laws Unique to Government Contracts paragraphs of this clause.

(3) The clause at 52.212-5.

(4) Addenda to this solicitation or contract, including any license agreements for computer software.

(5) Solicitation provisions if this is a solicitation.

(6) Other paragraphs of this clause.

(7) The Standard Form 1449.

(8) Other documents, exhibits, and attachments

(9) The specification.

(t) Central Contractor Registration (CCR).

(1) Unless exempted by an addendum to this contract, the Contractor is responsible during performance and through final payment of any contract for the accuracy and completeness of the data within the CCR database, and for any liability resulting from the Government's reliance on inaccurate or incomplete data. To remain registered in the CCR database after the initial registration, the Contractor is required to review and update on an annual basis from the date of initial registration or subsequent updates its information in the CCR database to ensure it is current, accurate

and complete. Updating information in the CCR does not alter the terms and conditions of this contract and is not a substitute for a properly executed contractual document.

(2)(i) If a Contractor has legally changed its business name, "doing business as" name, or division name (whichever is shown on the contract), or has transferred the assets used in performing the contract, but has not completed the necessary requirements regarding novation and change-of-name agreements in FAR subpart 42.12, the Contractor shall provide the responsible Contracting Officer a minimum of one business day's written notification of its intention to (A) change the name in the CCR database; (B) comply with the requirements of subpart 42.12; and (C) agree in writing to the timeline and procedures specified by the responsible Contracting Officer. The Contractor must provide with the notification sufficient documentation to support the legally changed name.

(ii) If the Contractor fails to comply with the requirements of paragraph (t)(2)(i) of this clause, or fails to perform the agreement at paragraph (t)(2)(i)(C) of this clause, and, in the absence of a properly executed novation or change-of-name agreement, the CCR information that shows the Contractor to be other than the Contractor indicated in the contract will be considered to be incorrect information within the meaning of the "Suspension of Payment" paragraph of the electronic funds transfer (EFT) clause of this contract.

(3) The Contractor shall not change the name or address for EFT payments or manual payments, as appropriate, in the CCR record to reflect an assignee for the purpose of assignment of claims (see Subpart 32.8, Assignment of Claims). Assignees shall be separately registered in the CCR database. Information provided to the Contractor's CCR record that indicates payments, including those made by EFT, to an ultimate recipient other than that Contractor will be considered to be incorrect information within the meaning of the "Suspension of payment" paragraph of the EFT clause of this contract.

(4) Offerors and Contractors may obtain information on registration and annual confirmation requirements via the internet at <http://www.ccr.gov> or by calling 1-888-227-2423 or 269-961-5757.

## **ADDENDUM TO FAR 52.212-4 CONTRACT TERMS AND CONDITIONS--COMMERCIAL ITEMS**

Clauses that are incorporated by reference (by Citation Number, Title, and Date), have the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available.

The following clauses are incorporated into 52.212-4 as an addendum to this contract:

### **C.2 GOVERNMENT EMPLOYEE REPRESENTATION**

The offeror states that he/she is ☐ is not ☐ a Government employee, and does ☐ does not ☐ represent a business concern or other organization owned, or substantially owned, by one or more Government employees.

### **C.3 52.217-8 OPTION TO EXTEND SERVICES (NOV 1999)**

The Government may require continued performance of any services within the limits and at the rates specified in the contract. These rates may be adjusted only as a result of revisions to prevailing labor rates provided by the Secretary of Labor. The option provision may be exercised more than once, but the total extension of performance hereunder shall not exceed 6 months. The Contracting Officer may exercise the option by written notice to the Contractor within 60 days.

### **C.4 52.217-9 OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 2000)**

(a) The Government may extend the term of this contract by written notice to the Contractor within 60 days; provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least 90 days before the contract expires. The preliminary notice does not commit the Government to an extension.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed four (4) years.

#### **C.5 2052.204.70 SECURITY (MAR 2004)**

(a) Contract Security and/or Classification Requirements (NRC Form 187). The policies, procedures, and criteria of the NRC Security Program, NRC Management Directive (MD) 12 (including MD 12.1, "NRC Facility Security Program;" MD 12.2, "NRC Classified Information Security Program;" MD 12.3, "NRC Personnel Security Program;" MD 12.4, "NRC Telecommunications Systems Security Program;" MD 12.5, "NRC Automated Information Systems Security Program;" and MD 12.6, "NRC Sensitive Unclassified Information Security Program"), apply to performance of this contract, subcontract or other activity. This MD is incorporated into this contract by reference as though fully set forth herein. The attached NRC Form 187 (See List of Attachments) furnishes the basis for providing security and classification requirements to prime contractors, subcontractors, or others (e.g., bidders) who have or may have an NRC contractual relationship that requires access to classified Restricted Data or National Security Information or matter, access to sensitive unclassified information (e.g., Safeguards), access to sensitive Information Technology (IT) systems or data, unescorted access to NRC controlled buildings/space, or unescorted access to protected and vital areas of nuclear power plants.

(b) It is the contractor's duty to protect National Security Information, Restricted Data, and Formerly Restricted Data. The contractor shall, in accordance with the Commission's security regulations and requirements, be responsible for protecting National Security Information, Restricted Data, and Formerly Restricted Data, and for protecting against sabotage, espionage, loss, and theft, the classified documents and material in the contractor's possession in connection with the performance of work under this contract. Except as otherwise expressly provided in this contract, the contractor shall, upon completion or termination of this contract, transmit to the Commission any classified matter in the possession of the contractor or any person under the contractor's control in connection with performance of this contract. If retention by the contractor of any classified matter is required after the completion or termination of the contract and the retention is approved by the contracting officer, the contractor shall complete a certificate of possession to be furnished to the Commission specifying the classified matter to be retained. The certification must identify the items and types or categories of matter retained, the conditions governing the retention of the matter and their period of retention, if known. If the retention is approved by the contracting officer, the security provisions of the contract continue to be applicable to the matter retained.

(c) In connection with the performance of the work under this contract, the contractor may be furnished, or may develop or acquire, safeguards information, or confidential or privileged technical, business, or financial information, including Commission plans, policies, reports, financial plans, internal data protected by the Privacy Act of 1974 (Pub. L. 93.579), or other information which has not been released to the public or has been determined by the Commission to be otherwise exempt from disclosure to the public. The contractor shall ensure that information protected from public disclosure is maintained as required by NRC regulations and policies, as cited in this contract or as otherwise provided by the NRC. The contractor will not directly or indirectly duplicate, disseminate, or disclose the information in whole or in part to any other person or organization except as may be necessary to perform the work under this contract. The contractor agrees to return the information to the Commission or otherwise dispose of it at the direction of the contracting officer. Failure to comply with this clause is grounds for termination of this contract.

(d) Regulations. The contractor agrees to conform to all security regulations and requirements of the Commission which are subject to change as directed by the NRC Division of Facilities and Security (DFS) and the Contracting Officer. These changes will be under the authority of the FAR Changes clause referenced in this document.

The contractor agrees to comply with the security requirements set forth in NRC Management Directive 12.1, NRC Facility Security Program which is incorporated into this contract by reference as though fully set forth herein. Attention is directed specifically to the section titled "Infractions and Violations," including "Administrative Actions" and "Reporting Infractions."

(e) Definition of National Security Information. The term National Security Information, as used in this clause, means information that has been determined pursuant to Executive Order 12958 or any predecessor order to require protection against unauthorized disclosure and that is so designated.

(f) Definition of Restricted Data. The term Restricted Data, as used in this clause, means all data concerning design, manufacture, or utilization of atomic weapons; the production of special nuclear material; or the use of special nuclear material in the production of energy, but does not include data declassified or removed from the Restricted Data category pursuant to Section 142 of the Atomic Energy Act of 1954, as amended.

(g) Definition of Formerly Restricted Data. The term Formerly Restricted Data, as used in this clause, means all data removed from the Restricted Data category under Section 142-d of the Atomic Energy Act of 1954, as amended.

(h) Definition of Safeguards Information. Sensitive unclassified information that specifically identifies the detailed security measures of a licensee or an applicant for the physical protection of special nuclear material; or security measures for the physical protection and location of certain plant equipment vital to the safety of production of utilization facilities. Protection of this information is required pursuant to Section 147 of the Atomic Energy Act of 1954, as amended.

(i) Security Clearance. The contractor may not permit any individual to have access to Restricted Data, Formerly Restricted Data, or other classified information, except in accordance with the Atomic Energy Act of 1954, as amended, and the Commission's regulations or requirements applicable to the particular type or category of classified information to which access is required. The contractor shall also execute a Standard Form 312, Classified Information Nondisclosure Agreement, when access to classified information is required.

(j) Criminal Liabilities. It is understood that disclosure of National Security Information, Restricted Data, and Formerly Restricted Data relating to the work or services ordered hereunder to any person not entitled to receive it, or failure to safeguard any Restricted Data, Formerly Restricted Data, or any other classified matter that may come to the contractor or any person under the contractor's control in connection with work under this contract, may subject the contractor, its agents, employees, or subcontractors to criminal liability under the laws of the United States. (See the Atomic Energy Act of 1954, as amended, 42 U.S.C. 2011 et seq.; 18 U.S.C. 793 and 794; and Executive Order 12958.)

(k) Subcontracts and Purchase Orders. Except as otherwise authorized in writing by the contracting officer, the contractor shall insert provisions similar to the foregoing in all subcontracts and purchase orders under this contract.

(l) In performing the contract work, the contractor shall classify all documents, material, and equipment originated or generated by the contractor in accordance with guidance issued by the Commission. Every subcontract and purchase order issued hereunder involving the origination or generation of classified documents, material, and equipment must provide that the subcontractor or supplier assign classification to all documents, material, and equipment in accordance with guidance furnished by the contractor.

#### **C.6 2052.204-71 BADGE REQUIREMENTS FOR UNESCORTED BUILDING ACCESS TO NRC FACILITIES (MAR 2006)**

During the life of this contract, the rights of ingress and egress for contractor personnel must be made available, as required, provided that the individual has been approved for unescorted access after a favorable adjudication from the Security Branch, Division of Facilities and Security (SB/DFS).

In this regard, all contractor personnel whose duties under this contract require their presence on site shall be clearly identifiable by a distinctive badge furnished by the NRC. The Project Officer shall assist the contractor in obtaining badges for the contractor personnel. All contractor personnel must present two forms of Identity Source Documents (I-9). One of the documents must be a valid picture ID issued by a state or by the Federal Government. Original I-9 documents must be presented in person for certification. A list of acceptable documents can be found at [http://www.usdoj.gov/crt/recruit\\_employ/i9form.pdf](http://www.usdoj.gov/crt/recruit_employ/i9form.pdf). It is the sole responsibility of the contractor to ensure that each employee has a proper NRC-issued identification/badge at all times. All photo-identification badges must be immediately (no later than three days) delivered to SB/DFS for cancellation or disposition upon the termination of employment of any contractor personnel. Contractor personnel must display any NRC issued badge in clear view at all times during on site performance under this contract. It is the contractor's duty to assure that contractor personnel enter only those work areas necessary for performance of contract work, and to assure the protection of any Government records or data that contractor personnel may come into contact with.

#### **C.7 52.219-11 SPECIAL 8(A) CONTRACT CONDITIONS (FEB 1990)**

The Small Business Administration (SBA) agrees to the following:

- (a) To furnish the supplies or services set forth in this contract according to the specifications and the terms and conditions hereof by subcontracting with an eligible concern pursuant to the provisions of section 8(a) of the Small Business Act, as amended (15 U.S.C. 637(a)).
- (b) That in the event SBA does not award a subcontract for all or a part of the work hereunder, this contract may be terminated either in whole or in part without cost to either party.
- (c) Except for novation agreements and advance payments, delegates to the Nuclear Regulatory Commission the responsibility for administering the subcontract to be awarded hereunder with complete authority to take any action on behalf of the Government under the terms and conditions of the subcontract; provided, however, that the Nuclear Regulatory Commission shall give advance notice to the SBA before it issues a final notice terminating the right of a subcontractor to proceed with further performance, either in whole or in part, under the subcontract for default or for the convenience of the Government.
- (d) That payments to be made under any subcontract awarded under this contract will be made directly to the subcontractor by the Nuclear Regulatory Commission.
- (e) That the subcontractor awarded a subcontract hereunder shall have the right of appeal from decisions of the Contracting Officer cognizable under the "Disputes" clause of said subcontract.
- (f) To notify the Nuclear Regulatory Commission Contracting Officer immediately upon notification by the subcontractor that the owner or owners upon whom 8(a) eligibility was based plan to relinquish ownership or control of the concern.

#### **C.8 52.219-12 SPECIAL 8(A) SUBCONTRACT CONDITIONS (FEB 1990)**

(a) The Small Business Administration (SBA) has entered into Contract No. NRC-07-10-502 with the Nuclear Regulatory Commission to furnish the supplies or services as described therein. A copy of the contract is attached hereto and made a part hereof.

(b) The KMC, INC hereafter referred to as the subcontractor, agrees and acknowledges as follows:

(1) That it will, for and on behalf of the SBA, fulfill and perform all of the requirements of Contract No. NRC-07-10-502 for the consideration stated therein and that it has read and is familiar with each and every part of the contract.

(2) That the SBA has delegated responsibility, except for novation agreements and advance payments, for the administration of this subcontract to the Nuclear Regulatory Commission with complete authority to take any action on behalf of the Government under the terms and conditions of this subcontract.

(3) That it will not subcontract the performance of any of the requirements of this subcontract to any lower tier subcontractor without the prior written approval of the SBA and the designated Contracting Officer of the Nuclear Regulatory Commission.

(4) That it will notify the Nuclear Regulatory Commission Contracting Officer in writing immediately upon entering an agreement (either oral or written) to transfer all or part of its stock or other ownership interest to any other party.

(c) Payments, including any progress payments under this subcontract, will be made directly to the subcontractor by the Nuclear Regulatory Commission.

#### **C.9 52.219-14 LIMITATIONS ON SUBCONTRACTING (DEC 1996)**

(a) This clause does not apply to the unrestricted portion of a partial set-aside.

(b) By submission of an offer and execution of a contract, the Offeror/Contractor agrees that in performance of the contract in the case of a contract for--

(1) Services (except construction). At least 50 percent of the cost of contract performance incurred for personnel shall be expended for employees of the concern.

(2) Supplies (other than procurement from a nonmanufacturer of such supplies). The concern shall perform work for at least 50 percent of the cost of manufacturing the supplies, not including the cost of materials.

(3) General construction. The concern will perform at least 15 percent of the cost of the contract, not including the cost of materials, with its own employees.

(4) Construction by special trade contractors. The concern will perform at least 25 percent of the cost of the contract, not including the cost of materials, with its own employees.

#### **C.10 52.219-17 SECTION 8(a) AWARD (DEC 1996)**

(a) By execution of a contract, the Small Business Administration (SBA) agrees to the following:

(1) To furnish the supplies or services set forth in the contract according to the specifications and the terms and conditions by subcontracting with the Offeror who has been determined an eligible concern pursuant to the provisions of section 8(a) of the Small Business Act, as amended (15 U.S.C. 637(a)).

(2) Except for novation agreements and advance payments, delegates to the Nuclear Regulatory Commission the responsibility for administering the contract with complete authority to take any action on behalf of the Government under the terms and conditions of the contract; provided, however that the contracting agency shall give advance notice to the SBA before it issues a final notice terminating the right of the subcontractor to proceed with further performance, either in whole or in part, under the contract.

(3) That payments to be made under the contract will be made directly to the subcontractor by the contracting activity.

(4) To notify the Nuclear Regulatory Commission Contracting Officer immediately upon notification by the subcontractor that the owner or owners upon whom 8(a) eligibility was based plan to relinquish ownership or control of the concern.

(5) That the subcontractor awarded a subcontract hereunder shall have the right of appeal from decisions of the cognizant Contracting Officer under the "Disputes" clause of the subcontract.

(b) The offeror/subcontractor agrees and acknowledges that it will, for and on behalf of the SBA, fulfill and perform all of the requirements of the contract.

(c) The offeror/subcontractor agrees that it will not subcontract the performance of any of the requirements of this subcontract to any lower tier subcontractor without the prior written approval of the SBA and the cognizant Contracting Officer of the Nuclear Regulatory Commission.

#### **C.11 52.232-7 PAYMENTS UNDER TIME-AND-MATERIALS AND LABOR-HOUR CONTRACTS (FEB 2007) ALTERNATE I (FEB 2007)**

The Government will pay the Contractor as follows upon the submission of vouchers approved by the Contracting Officer or the authorized representative:

(a) Hourly rate.

(1) Hourly rate means the rate(s) prescribed in the contract for payment for labor that meets the labor category qualifications of a labor category specified in the contract that are--

(i) Performed by the Contractor;

(ii) Performed by the subcontractors; or

(iii) Transferred between divisions, subsidiaries, or affiliates of the Contractor under a common control.

(2) The amounts shall be computed by multiplying the appropriate hourly rates prescribed in the Schedule by the number of direct labor hours performed.

(3) The hourly rates shall be paid for all labor performed on the contract that meets the labor qualifications specified in the contract. Labor hours incurred to perform tasks for which labor qualifications were specified in the contract will not be paid to the extent the work is performed by employees that do not meet the qualifications specified in the contract, unless specifically authorized by the Contracting Officer.

(4) The hourly rates shall include wages, indirect costs, general and administrative expense, and profit. Fractional parts of an hour shall be payable on a prorated basis.

(5) Vouchers may be submitted once each month (or at more frequent intervals, if approved by the Contracting Officer), to the Contracting Officer or authorized representative. The Contractor shall substantiate vouchers (including any subcontractor hours reimbursed at the hourly rate in the schedule) by evidence of actual payment and by--

(i) Individual daily job timekeeping records;

(ii) Records that verify the employees meet the qualifications for the labor categories specified in the contract;

or

(iii) Other substantiation approved by the Contracting Officer.

(6) Promptly after receipt of each substantiated voucher, the Government shall, except as otherwise provided in this contract, and subject to the terms of paragraph (e) of this clause, pay the voucher as approved by the Contracting Officer or authorized representative.

(7) Unless otherwise prescribed in the Schedule, the Contracting Officer may unilaterally issue a contract modification requiring the Contractor to withhold amounts from its billings until a reserve is set aside in an amount that the Contracting Officer considers necessary to protect the Government's interests. The Contracting Officer may require a withhold of 5 percent of the amounts due under paragraph (a) of this clause, but the total amount withheld for the contract shall not exceed \$50,000. The amounts withheld shall be retained until the Contractor executes and delivers the release required by paragraph (g) of this clause.

(8) Unless the Schedule prescribes otherwise, the hourly rates in the Schedule shall not be varied by virtue of the Contractor having performed work on an overtime basis. If no overtime rates are provided in the Schedule and overtime work is approved in advance by the Contracting Officer, overtime rates shall be negotiated. Failure to agree upon these overtime rates shall be treated as a dispute under the Disputes clause of this contract. If the Schedule provides rates for overtime, the premium portion of those rates will be reimbursable only to the extent the overtime is approved by the Contracting Officer.

(b) Materials.

(1) For the purposes of this clause--

(i) Direct materials means those materials that enter directly into the end product, or that are used or consumed directly in connection with the furnishing of the end product or service.

(ii) Materials means--

(A) Direct materials, including supplies transferred between divisions, subsidiaries, or affiliates of the Contractor under a common control;

(B) Subcontracts for supplies and incidental services for which there is not a labor category specified in the contract;

(C) Other direct costs (e.g., incidental services for which there is not a labor category specified in the contract, travel, computer usage charges, etc.); and

(D) Applicable indirect costs.

(2) If the Contractor furnishes its own materials that meet the definition of a commercial item at 2.101, the price to be paid for such materials shall not exceed the Contractor's established catalog or market price, adjusted to reflect the--

(i) Quantities being acquired; and

(ii) Actual cost of any modifications necessary because of contract requirements.

(3) Except as provided for in paragraph (b)(2) of this clause, the Government will reimburse the Contractor for allowable cost of materials provided the Contractor--

(i) Has made payments for materials in accordance with the terms and conditions of the agreement or invoice; or

(ii) Ordinarily makes these payments within 30 days of the submission of the Contractor's payment request to the Government and such payment is in accordance with the terms and conditions of the agreement or invoice.

(4) Payment for materials is subject to the Allowable Cost and Payment clause of this contract. The Contracting Officer will determine allowable costs of materials in accordance with Subpart 31.2 of the Federal Acquisition Regulation (FAR) in effect on the date of this contract.

(5) The Contractor may include allocable indirect costs and other direct costs to the extent they are--

(i) Comprised only of costs that are clearly excluded from the hourly rate;

(ii) Allocated in accordance with the Contractor's written or established accounting practices; and

(iii) Indirect costs are not applied to subcontracts that are paid at the hourly rates.

(6) To the extent able, the Contractor shall--

(i) Obtain materials at the most advantageous prices available with due regard to securing prompt delivery of satisfactory materials; and

(ii) Take all cash and trade discounts, rebates, allowances, credits, salvage, commissions, and other benefits. When unable to take advantage of the benefits, the Contractor shall promptly notify the Contracting Officer and give the reasons. The Contractor shall give credit to the Government for cash and trade discounts, rebates, scrap, commissions, and other amounts that have accrued to the benefit of the Contractor, or would have accrued except for the fault or neglect of the Contractor. The Contractor shall not deduct from gross costs the benefits lost without fault or neglect on the part of the Contractor, or lost through fault of the Government.

(7) Except as provided for in 31.205-26(e) and (f), the Government will not pay profit or fee to the prime Contractor on materials.

(c) If the Contractor enters into any subcontract that requires consent under the clause at 52.244-2, Subcontracts, without obtaining such consent, the Government is not required to reimburse the Contractor for any costs incurred under the subcontract prior to the date the Contractor obtains the required consent. Any reimbursement of subcontract costs incurred prior to the date the consent was obtained shall be at the sole discretion of the Government.

(d) Total cost. It is estimated that the total cost to the Government for the performance of this contract shall not exceed the ceiling price set forth in the Schedule, and the Contractor agrees to use its best efforts to perform the work specified in the Schedule and all obligations under this contract within such ceiling price. If at any time the Contractor has reason to believe that the hourly rate payments and material costs that will accrue in performing this contract in the next succeeding 30 days, if added to all other payments and costs previously accrued, will exceed 85 percent of

the ceiling price in the Schedule, the Contractor shall notify the Contracting Officer giving a revised estimate of the total price to the Government for performing this contract with supporting reasons and documentation. If at any time during performing this contract, the Contractor has reason to believe that the total price to the Government for performing this contract will be substantially greater or less than the then stated ceiling price, the Contractor shall so notify the Contracting Officer, giving a revised estimate of the total price for performing this contract, with supporting reasons and documentation. If at any time during performing this contract, the Government has reason to believe that the work to be required in performing this contract will be substantially greater or less than the stated ceiling price, the Contracting Officer will so advise the Contractor, giving the then revised estimate of the total amount of effort to be required under the contract.

(e) Ceiling price. The Government will not be obligated to pay the Contractor any amount in excess of the ceiling price in the Schedule, and the Contractor shall not be obligated to continue performance if to do so would exceed the ceiling price set forth in the Schedule, unless and until the Contracting Officer notifies the Contractor in writing that the ceiling price has been increased and specifies in the notice a revised ceiling that shall constitute the ceiling price for performance under this contract. When and to the extent that the ceiling price set forth in the Schedule has been increased, any hours expended and material costs incurred by the Contractor in excess of the ceiling price before the increase shall be allowable to the same extent as if the hours expended and material costs had been incurred after the increase in the ceiling price.

(f) Audit. At any time before final payment under this contract, the Contracting Officer may request audit of the vouchers and supporting documentation. Each payment previously made shall be subject to reduction to the extent of amounts, on preceding vouchers, that are found by the Contracting Officer or authorized representative not to have been properly payable and shall also be subject to reduction for overpayments or to increase for underpayments. Upon receipt and approval of the voucher designated by the Contractor as the "completion voucher" and supporting documentation, and upon compliance by the Contractor with all terms of this contract (including, without limitation, terms relating to patents and the terms of paragraph (g) of this clause), the Government shall promptly pay any balance due the Contractor. The completion voucher, and supporting documentation, shall be submitted by the Contractor as promptly as practicable following completion of the work under this contract, but in no event later than 1 year (or such longer period as the Contracting Officer may approve in writing) from the date of completion.

(g) Assignment and Release of Claims. The Contractor, and each assignee under an assignment entered into under this contract and in effect at the time of final payment under this contract, shall execute and deliver, at the time of and as a condition precedent to final payment under this contract, a release discharging the Government, its officers, agents, and employees of and from all liabilities, obligations, and claims arising out of or under this contract, subject only to the following exceptions:

(1) Specified claims in stated amounts, or in estimated amounts if the amounts are not susceptible of exact statement by the Contractor.

(2) Claims, together with reasonable incidental expenses, based upon the liabilities of the Contractor to third parties arising out of performing this contract, that are not known to the Contractor on the date of the execution of the release, and of which the Contractor gives notice in writing to the Contracting Officer not more than 6 years after the date of the release or the date of any notice to the Contractor that the Government is prepared to make final payment, whichever is earlier.

(3) Claims for reimbursement of costs (other than expenses of the Contractor by reason of its indemnification of the Government against patent liability), including reasonable incidental expenses, incurred by the Contractor under the terms of this contract relating to patents.

(h) Interim payments on contracts for other than services.

(1) Interim payments made prior to the final payment under the contract are contract financing payments. Contract financing payments are not subject to the interest penalty provisions of the Prompt Payment Act.

(2) The designated payment office will make interim payments for contract financing on the 30TH day after the designated billing office receives a proper payment request. In the event that the Government requires an audit or other review of a specific payment request to ensure compliance with the terms and conditions of the contract, the designated payment office is not compelled to make payment by the specified due date.

(i) Interim payments on contracts for services. For interim payments made prior to the final payment under this contract, the Government will make payment in accordance with the Prompt Payment Act (31 U.S.C. 3903) and prompt payment regulations at 5 CFR part 1315.

(j) The terms of this clause that govern reimbursement for materials furnished are considered to have been deleted.

## **C.12 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)**

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

<http://www.arnet.gov/far>

52.204-9	PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL	SEP 2007
52.245-1	GOVERNMENT PROPERTY	JUN 2007

## **C.13 SEAT BELTS**

Contractors, subcontractors, and grantees, are encouraged to adopt and enforce on-the-job seat belt policies and programs for their employees when operating company-owned, rented, or personally owned vehicles.

52.245-2	GOVERNMENT PROPERTY INSTALLATION OPERATION SERVICES	JUN 2007
52.245-9	USE AND CHARGES	JUN 2007

(End of Addendum to 52.212-4)

## **C.14 52.212-5 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS--COMMERCIAL ITEMS (FEB 2010)**

(a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) clauses, which are incorporated in this contract by reference, to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

(1) 52.222-50, Combating Trafficking in Persons (FEB 2009) (22 U.S.C. 7104(g)).

Alternate I (AUG 2007) of 52.222-50 (22 U.S.C. 7104 (g)).

(2) 52.233-3, Protest After Award (Aug 1996) (31 U.S.C. 3553).

(3) 52.233-4, Applicable Law for Breach of Contract Claim (Oct 2004) (Pub. L. 108-77, 108-78)

(b) The Contractor shall comply with the FAR clauses in this paragraph (b) that the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

☐ (1) 52.203-6, Restrictions on Subcontractor Sales to the Government (Sept 2006), with Alternate I (Oct 1995) (41 U.S.C. 253g and 10 U.S.C. 2402).

☒ (2) 52.203-13, Contractor Code of Business Ethics and Conduct (DEC 2008)(Pub. L. 110-252, Title VI, Chapter 1 (41 U.S.C. 251 note)).

☒ (3) 52.203-15, Whistleblower Protections under the American Recovery and Reinvestment Act of 2009 (MAR 2009) (Section 1553 of Pub. L. 111-5). (Applies to contracts funded by the American Recovery and Reinvestment Act of 2009.)

☐ (4) 52.204-11, American Recovery and Reinvestment Act-Reporting Requirements (MAR 2009) (Pub. L. 111-5).

☐ (5) 52.219-3, Notice of Total HUBZone Set-Aside (Jan 1999) (15 U.S.C. 657a).

☐ (6) 52.219-4, Notice of Price Evaluation Preference for HUBZone Small Business Concerns (July 2005)(if the offeror elects to waive the preference, it shall so indicate in its offer) (15 U.S.C. 657a).

☐ (7) [Reserved]

☒ (8)(i) 52.219-6, Notice of Total Small Business Set-Aside (June 2003) (15 U.S.C. 644).

☐ (ii) Alternate I (Oct 1995) of 52.219-6.

☐ (iii) Alternate II (Mar 2004) of 52.219-6.

☐ (9)(i) 52.219-7, Notice of Partial Small Business Set-Aside (June 2003) (15 U.S.C. 644).

☐ (ii) Alternate I (Oct 1995) of 52.219-7.

☐ (iii) Alternate II (Mar 2004) of 52.219-7.

☒ (10) 52.219-8, Utilization of Small Business Concerns (May 2004) (15 U.S.C. 637(d)(2) and (3)).

☐ (11)(i) 52.219-9, Small Business Subcontracting Plan (APR 2008) (15 U.S.C. 637(d)(4)).

☐ (ii) Alternate I (Oct 2001) of 52.219-9.

☐ (iii) Alternate II (Oct 2001) of 52.219-9.

☒ (12) 52.219-14, Limitations on Subcontracting (Dec 1996) (15 U.S.C. 637(a)(14)).

☐ (13) 52.219-16, Liquidated Damages--Subcontracting Plan (Jan 1999) (15 U.S.C. 637(d)(4)(F)(i)).

☐ (14)(i) 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns (OCT 2008) (10 U.S.C. 2323) (if the offeror elects to waive the adjustment, it shall so indicate in its offer.)

☐ (ii) Alternate I (June 2003) of 52.219-23.

- ☐ (15) 52.219-25, Small Disadvantaged Business Participation Program--Disadvantaged Status and Reporting (APR 2008) (Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).
- ☐ (16) 52.219-26, Small Disadvantaged Business Participation Program--Incentive Subcontracting (Oct 2000) (Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).
- ☐ (17) 52.219-27, Notice of Total Service-Disabled Veteran-Owned Small Business Set-Aside (May 2004) (15 U.S.C. 657 f).
- ☒ (18) 52.219-28, Post Award Small Business Program Rerepresentation (APR 2009) (15 U.S.C 632(a)(2)).
- ☒ (19) 52.222-3, Convict Labor (June 2003) (E.O. 11755).
- ☐ (20) 52.222-19, Child Labor--Cooperation with Authorities and Remedies (AUG 2009) (E.O. 13126).
- ☒ (21) 52.222-21, Prohibition of Segregated Facilities (Feb 1999).
- ☒ (22) 52.222-26, Equal Opportunity (Mar 2007) (E.O. 11246).
- ☒ (23) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Sept 2006) (38 U.S.C. 4212).
- ☒ (24) 52.222-36, Affirmative Action for Workers with Disabilities (Jun 1998) (29 U.S.C. 793).
- ☒ (25) 52.222-37, Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Sept 2006) (38 U.S.C. 4212).
- ☒ (26) 52.222-54, Employment Eligibility Verification (Jan 2009). (Executive Order 12989). (Not applicable to the acquisition of commercially available off-the-shelf items or certain other types of commercial items as prescribed in 22.1803.)
- ☐ (27)(i) 52.223-9, Estimate of Percentage of Recovered Material Content for EPA-Designated Items (May 2008) (42 U.S.C.6962(c)(3)(A)(ii)). (Not applicable to the acquisition of commercially available off-the-shelf items.)
- ☐ (ii) Alternate I (MAY 2008) of 52.223-9 (42 U.S.C. 6962(i)(2)(C)). (Not applicable to the acquisition of commercially available off-the-shelf items.)
- ☐ (28) 52.223-15, Energy Efficiency in Energy-Consuming Products (DEC 2007)(42 U.S.C. 8259b).
- ☒ (29)(i) 52.223-16, IEEE 1680 Standard for the Environmental Assessment of Personal Computer Products (DEC 2007) (E.O. 13423).
- ☐ (ii) Alternate I (DEC 2007) of 52.223-16.
- ☐ (30) 52.225-1, Buy American Act--Supplies (FEB 2009) (41 U.S.C. 10a-10d).
- ☐ (31)(i) 52.225-3, Buy American Act--Free Trade Agreements-- Israeli Trade Act (JUN 2009) (41 U.S.C. 10a-10d, 19 U.S.C. 3301 note, 19 U.S.C. 2112 note, 19 U.S.C 3805 note, Pub. L. 108-77, 108-78, 108-286, 108-302, 109-53 and 109-169, 109-283, and 110-138).
- ☐ (ii) Alternate I (Jan 2004) of 52.225-3.
- ☐ (iii) Alternate II (Jan 2004) of 52.225-3.

- ☐ (32) 52.225-5, Trade Agreements (AUG 2009) (19 U.S.C. 2501, et seq., 19 U.S.C. 3301 note).
- ☒ (33) 52.225-13, Restrictions on Certain Foreign Purchases (JUN 2008) (E.O.'s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).
- ☐ (34) 52.226-4, Notice of Disaster or Emergency Area Set-Aside (Nov 2007) (42 U.S.C. 5150).
- ☐ (35) 52.226-5, Restrictions on Subcontracting Outside Disaster or Emergency Area (Nov 2007) (42 U.S.C. 5150).
- ☐ (36) 52.232-29, Terms for Financing of Purchases of Commercial Items (Feb 2002) (41 U.S.C. 255(f), 10 U.S.C. 2307(f)).
- ☐ (37) 52.232-30, Installment Payments for Commercial Items (Oct 1995) (41 U.S.C. 255(f), 10 U.S.C. 2307(f)).
- ☐ (38) 52.232-33, Payment by Electronic Funds Transfer--Central Contractor Registration (Oct 2003) (31 U.S.C. 3332).
- ☐ (39) 52.232-34, Payment by Electronic Funds Transfer--Other than Central Contractor Registration (May 1999) (31 U.S.C. 3332).
- ☐ (40) 52.232-36, Payment by Third Party (FEB 2010) (31 U.S.C. 3332).
- ☐ (41) 52.239-1, Privacy or Security Safeguards (Aug 1996) (5 U.S.C. 552a).
- ☐ (42)(i) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (Feb 2006) (46 U.S.C. Appx. 1241(b) and 10 U.S.C. 2631).
- ☐ (ii) Alternate I (Apr 2003) of 52.247-64.

(c) The Contractor shall comply with the FAR clauses in this paragraph (c), applicable to commercial services, that the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

- ☒ (1) 52.222-41, Service Contract Act of 1965 (Nov 2007) (41 U.S.C. 351, et seq.).
- ☒ (2) 52.222-42, Statement of Equivalent Rates for Federal Hires (May 1989) (29 U.S.C. 206 and 41 U.S.C. 351, et seq.).

Employee Class

Monetary Wage-Fringe Benefits

- ☐ (3) 52.222-43, Fair Labor Standards Act and Service Contract Act--Price Adjustment (Multiple Year and Option Contracts) (Sep 2009) (29 U.S.C. 206 and 41 U.S.C. 351, et seq.).
- ☐ (4) 52.222-44, Fair Labor Standards Act and Service Contract Act--Price Adjustment (Sep 2009) (29 U.S.C. 206 and 41 U.S.C. 351, et seq.).
- ☐ (5) 52.222-51, Exemption from Application of the Service Contract Act to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Requirements (Nov 2007) (41 U.S.C. 351, et seq.).

[] (6) 52.222-53, Exemption from Application of the Service Contract Act to Contracts for Certain Services--Requirements (FEB 2009) (41 U.S.C. 351, et seq.).

[] (7) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations. (MAR 2009)(Pub. L. 110-247)

[] (8) 52.237-11, Accepting and Dispensing of \$1 Coin (SEP 2008) (31 U.S.C. 5112(p)(1)).

(d) Comptroller General Examination of Record. The Contractor shall comply with the provisions of this paragraph (d) if this contract was awarded using other than sealed bid, is in excess of the simplified acquisition threshold, and does not contain the clause at 52.215-2, Audit and Records--Negotiation.

(1) The Comptroller General of the United States, or an authorized representative of the Comptroller General, shall have access to and right to examine any of the Contractor's directly pertinent records involving transactions related to this contract.

(2) The Contractor shall make available at its offices at all reasonable times the records, materials, and other evidence for examination, audit, or reproduction, until 3 years after final payment under this contract or for any shorter period specified in FAR Subpart 4.7, Contractor Records Retention, of the other clauses of this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 3 years after any resulting final termination settlement. Records relating to appeals under the disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are finally resolved.

(3) As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of type and regardless of form. This does not require the Contractor to create or maintain any record that the Contractor does not maintain in the ordinary course of business or pursuant to a provision of law.

(e)(1) Notwithstanding the requirements of the clauses in paragraphs (a), (b), (c), and (d) of this clause, the Contractor is not required to flow down any FAR clause, other than those in this paragraph (e)(1) in a subcontract for commercial items. Unless otherwise indicated below, the extent of the flow down shall be as required by the clause--

(i) 52.203-13, Contractor Code of Business Ethics and Conduct (DEC 2008) (Pub. L. 110-252, Title VI, Chapter 1 (41 U.S.C. 251 note)).

(ii) 52.219-8, Utilization of Small Business Concerns (May 2004) (15 U.S.C. 637(d)(2) and (3)), in all subcontracts that offer further subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds \$550,000 (\$1,000,000 for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

(iii) [Reserved]

(iv) 52.222-26, Equal Opportunity (Mar 2007) (E.O. 11246).

(v) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Sept 2006) (38 U.S.C. 4212).

(vi) 52.222-36, Affirmative Action for Workers with Disabilities (June 1998) (29 U.S.C. 793).

(vii) [Removed and reserved]

(viii) 52.222-41, Service Contract Act of 1965 (Nov 2007) (41 U.S.C. 351, et seq.).

(ix) 52.222-50, Combating Trafficking in Persons (FEB 2009) (22 U.S.C. 7104(g)).

Alternate I (AUG 2007) of 52.222-50 (22 U.S.C. 7104(g)).

(x) 52.222-51, Exemption from Application of the Service Contract Act to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Requirements "(Nov 2007)" (41 U.S.C. 351, et seq.).

(xi) 52.222-53, Exemption from Application of the Service Contract Act to Contracts for Certain Services-Requirements (FEB 2009)(41 U.S.C. 351, et seq.).

(xii) 52.222-54, Employee Eligibility Verification (JAN 2009)

(xiii) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations. (MAR 2009)(Pub. L. 110-247). Flow down required in accordance with paragraph (e) of FAR clause 52.226-6.

(xiv) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (Feb 2006) (46 U.S.C. Appx. 1241(b) and 10 U.S.C. 2631). Flow down required in accordance with paragraph (d) of FAR clause 52.247-64.

(2) While not required, the contractor may include in its subcontracts for commercial items a minimal number of additional clauses necessary to satisfy its contractual obligations.

### **C.15 WHISTLEBLOWER PROTECTION FOR NRC CONTRACTOR AND SUBCONTRACTOR EMPLOYEES (JULY 2006)**

(a) The U.S. Nuclear Regulatory Commission (NRC) contractor and its subcontractor are subject to the Whistleblower Employee Protection public law provisions as codified at 42 U.S.C. 5851. NRC contractor(s) and subcontractor(s) shall comply with the requirements of this Whistleblower Employee Protection law, and the implementing regulations of the NRC and the Department of Labor (DOL). See, for example, DOL Procedures on Handling Complaints at 29 C.F.R. Part 24 concerning the employer obligations, prohibited acts, DOL procedures and the requirement for prominent posting of notice of Employee Rights at Appendix A to Part 24.

(b) Under this Whistleblower Employee Protection law, as implemented by regulations, NRC contractor and subcontractor employees are protected from discharge, reprisal, threats, intimidation, coercion, blacklisting or other employment discrimination practices with respect to compensation, terms, conditions or privileges of their employment because the contractor or subcontractor employee(s) has provided notice to the employer, refused to engage in unlawful practices, assisted in proceedings or testified on activities concerning alleged violations of the Atomic Energy Act of 1954 (as amended) and the Energy Reorganization Act of 1974 (as amended).

(c) The contractor shall insert this or the substance of this clause in any subcontracts involving work performed under this contract.

### **C.16 SECTION 508 COMPLIANCE**

All electronic and information technology (EIT) procured through this contract must meet the applicable accessibility standards at 36 CFR 1194, unless an agency exception to this requirement exists. (36 CFR 1194 implements Section 508 of the Rehabilitation Act of 1973, as amended, and is viewable at: <http://www.access-board.gov/sec508/standards.htm>)

The following standards have been determined to be applicable to this contract: [TO BE INSERTED FROM OFFEROR'S PROPOSAL]

The standards do not require the installation of specific accessibility-related software or the attachment of an assistive technology device, but merely require that the EIT be compatible with such software and devices so that it can be made accessible, without significant alteration, if so required by the NRC in the future.

Within five (5) days of product delivery, the Contractor shall denote, in a comprehensive specific list, all offered EIT products (supplies and services) that fully comply with Section 508, with full details and evidence or verification of compliance. The Contractor shall ensure that all EIT products that are less than fully compliant are offered pursuant to extensive market research, which ensures that they are the most compliant products and services available to satisfy this contract's requirements.

If the NRC determines any furnished product or service is not in compliance with the contract, the Contracting Officer (CO) will promptly inform the Contractor in writing. The Contractor shall, without charge to the NRC, repair or replace the non-compliant products or services within the period of time specified in writing by the CO. If such repair or replacement is not completed within the time specified, the NRC shall have the following recourses:

Cancellation of the contract, delivery or task order, purchase of line item without termination liabilities; or

In the case of custom EIT being developed for the NRC, the NRC shall have the right to have any necessary changes made or repairs performed, by the NRC or by another firm, and the Contractor shall reimburse the NRC for any expenses thereby incurred.

[C\$END-OF-CLAUS

## SECTION D - CONTRACT DOCUMENTS, EXHIBITS, OR ATTACHMENTS

### D.1 STATEMENT OF WORK

U.S. NUCLEAR REGULATORY COMMISSION  
OFFICE OF NUCLEAR SECURITY AND INCIDENT RESPONSE

# STATEMENT OF WORK

## Operations Center Information Management System (OCIMS) e-Library Sub-System

### Requested Period of Performance

August 1, 2010 – July 31, 2012

*(1 base period and 1 option period)*

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## **1. Background**

### **1.1. Introduction**

The U.S. Nuclear Regulatory Commission (NRC) is an independent agency created by Congress. The mission of the NRC is to license and regulate the Nation's civilian use of byproduct, source, and special nuclear materials in order to protect public health and safety, promote the common defense and security, and protect the environment. The NRC's regulations are designed to protect both the public and workers against radiation hazards from industries that use radioactive materials. The NRC's scope of responsibility includes regulation of commercial nuclear power plants; research, test, and training reactors; nuclear fuel cycle facilities; medical, academic, and industrial uses of radioactive materials; and the transport, storage, and disposal of radioactive materials and wastes. In addition, the NRC licenses the import and export of radioactive materials and works to enhance nuclear safety and security throughout the world.

One of the major activities of the NRC is to maintain a program to respond to incidents involving NRC licensees, and conduct a program of emergency preparedness and response exercises for licensed nuclear facilities. Sharing information quickly among the NRC, responding with other Federal agencies, and with the nuclear industry is critical to responding promptly to any incident. The NRC staff supports several important Federal incident response centers for inter-agency coordinated assessments of event-related information. The NRC Headquarters Operations Center (HOC), located in the agency's headquarters in Rockville, MD, is staffed around the clock to disseminate information and coordinate responses. In order to support this activity, the NRC's Office of Nuclear Security and Incident Response (NSIR), is responsible for the effective operation of the HOC. The HOC is staffed, by Headquarter Operations Officers (HOO), who receive and document telephone notifications issued by NRC licensees. Written reports of these notifications are distributed for review, and for various follow-up actions. A small number of these notifications trigger activation of the NRC Incident Response Plan, under which response teams use the facilities in the HOC, in the Regional Offices, and at the nuclear power plant sites to fulfill the NRC mission of ensuring that the public is protected.

### **1.2. Operations Center Information Management System (OCIMS)**

Operational readiness for the HOC is supported by the Operations Center Information Management System (OCIMS). OCIMS is a General Support System (GSS) that is a collection of Information Technology and Information Management (IT/IM) systems. Title 10 of the Code of Federal Regulation (10 CFR) requires NRC licensees to report plant status and events to the NRC HOC for analysis by NRC emergency response personnel. The components of the OCIMS systems and infrastructure are designed to support this regulatory reporting, and also to facilitate communications related to events. These communications include voice, data, and graphical displays. Through a variety of OCIMS supported electronic interfaces, responders are able to share and update event information and analysis.

During declared emergencies and planned drills, the OCIMS supports exchanges of information both from and to licensees. The event information is maintained in an incident response management system which provides a chronology and status for the incident from the initial reporting through the updates, discussions, and actions taken. Within the HOC, there are a number of specialized application tools and information repositories which are used by responder teams for independent assessment of an event.

### **1.3. e-Library**

One of these specialized application tools is an electronic library (e-Library) system to view and search engineering drawings and other information regarding licensee locations during events and exercises. This system provides simultaneous and efficient access to site information. This information is used to independently evaluate events and licensee actions to these events and exercises. The data maintained in the e-Library may be used, along with other information, to formulate the NRC's recommendations to a licensee and state and local officials during an incident. Most of these documents are provided to the NRC in portable distribution format (PDF).

New requirements are emerging for e-Library which would transition it from a localized electronic document system to a web enabled system which is capable of receiving electronic submissions from licensees. In addition, because of technology changes in content management and expanding media uses, there is a need to re-look at the current e-Library design and consider enhancements for added capabilities which are cost effective.

## **2. Objectives**

The primary objectives of this contract are:

- To obtain skilled personnel that can provide expert-level operational, maintenance, and technical support of the e-Library.
- To ensure the existing e-Library components remain stable, supportable, and continue to be fully functional in the current operational environment.
- To identify issues and problems with the current implementation and conduct requirements gathering by meeting with local internal stakeholders.
- To assess and design an enhanced system that will be capable of receiving input from external licensees.
- To implement the enhanced system.
- To ensure that the e-Library is in compliance with Federal IT Security, National Institute of Standards and Technology (NIST), and NRC standards.
- To resolve the immediate issues and problems identified by the local internal stakeholders.
- To provide problem solving and troubleshooting expertise to quickly resolve failures in systems, hardware, and software.

### 3. Scope of Work

The scope of work for this contract includes all required and necessary tasks to enhance the e-Library system and to ensure its operability for its users. In the short term the contractor shall enhance the current system with user requested modifications. In the long term the contractor will assess the current system and design and implement a new solution.

The contractor shall provide design and installation services for the e-Library. The contractor shall provide all labor, supervision (project management support), tools, materials (including manuals and schematics), parts, and equipment necessary to maintain the e-Library.

This task order will be supported over one year, with an optional one year period.

The scope of work is divided into two phases. The list below summarizes the tasks to be completed.

#### 3.1. Phase 1

- Task 1: Assessment of current e-Library system to include any user required changes.
- Task 2: Modify current e-Library system to incorporate user changes.

#### 3.2. Phase 2

- Task 1: Assessment of current system.
- Task 2: Business Analysis for Enhancements.
- Task 3: Develop Technical Design and Implementation Plans.
- Task 4: Implement Enhanced e-Library System and Integrate with OCIMS.

### 4. Project Management

The contractor shall provide a project manager who manages staffing and activities on individual tasks and milestones. The project manager is responsible for reporting progress on activities, level of effort, and issues. The project manager is also responsible for presenting and discussing alternatives, recommendations, and enhancements.

The contractor shall work with the NRC Project Officer (NRC PO) and other stakeholders to identify, develop, and evaluate scope, requirements and design, and to review and achieve consensus on deliverables. The contractor shall work closely with the NRC PO to make decisions, gain approvals and resolve issues.

#### 4.1. Kick-Off

The contractor shall host a kick-off meeting, to be held within 5 days following contract award, to introduce staff and to present a Project Plan. The agenda for this meeting will be agreed upon by the NRC PO and the contractor project manager prior to the meeting. The contractor shall provide a brief summary of approach and plans for project management. This summary shall include a schedule for monthly meetings, tracking and reporting on deliverables, backup staffing, issue resolution, and outline for planning activities. Using the proposed project management approach, the contractor shall maintain the project plans(s) and keep artifacts up-to-date and modified as decisions and work adjustments are made.

#### 4.2. Meetings

The contractor shall conduct meetings and provide presentations as needed.

#### 4.3. Monthly Report

The contractor shall provide a Monthly Technical Report to the NRC PO. The Monthly Report is due to the NRC PO by close of business on the fifteenth calendar day of the next month.

The Monthly Report shall include:

- e-Library contract financial status.
- Summary of the month's activities.
- Items requiring NRC action or support.
- Contractor major tasks for the upcoming month.
- Risks and Issues related to the contract.

## **5. Phase 1 Task Requirements**

### **5.1. Task 1: Assessment of Current System**

The contractor shall identify issues and problems with the current implementation and conduct requirements gathering by meeting with local internal stakeholders. The contractor shall create a Requirements and Implementation plan document.

As appropriate, the contractor shall plan and conduct a facilitated session to consider and document NRC requirements relative to e-library.

### **5.2. Task 2: Modify Current System**

The contractor shall implement any required modifications, and ensure that the upgraded system meets the requirements of the internal stakeholders.

The contractor shall update current e-library, as well as security, and certification and accreditation documentation to reflect any modifications.

## **6. Phase 2 Task Requirements**

### **6.1. Task 1: Assessment of Current System**

The contractor shall utilize best practices in electronic document management systems and web enabled content management systems to conduct an assessment of the current e-Library implementation.

The contractor shall identify issues and problems with the current implementation and identify enhancement features and capabilities which are standard in the industry and commonly implemented.

The contractor shall conduct requirements gathering by meeting with local internal stakeholders. As appropriate, the contractor shall plan and conduct a facilitated session to consider and document NRC requirements relative to E-library.

The contractor shall become familiar with the Electronic Information Exchange (EIE) system.

The NRC Electronic Submittals ([www.nrc.gov/site-help/e-submittals.html](http://www.nrc.gov/site-help/e-submittals.html)) Web page allows certain information pertaining to licensing actions, associated hearings, and other regulatory matters to be transmitted to the agency electronically. The application ensures that documents sent to the NRC via the Internet are secure and unaltered during transmission. The contractor shall assess the feasibility and value related to integrating this capability into the existing e-Library design.

The contractor shall prepare an Assessment and Requirements document for the proposed enhancements.

## 6.2. Task 2: Business Analysis for Enhancements

The contractor shall conduct business analysis of the Assessment Study and the Requirements Study to develop alternative enhancement recommendations. The Alternatives Analysis Study will include a minimum of 3 alternative approaches (minor changes, significant changes, and major changes or redesign). The alternatives will be presented in terms of the value or benefit long term to the agency, the risks related to the alternative, and the estimated costing and ROI over a 5 year period of time. The recommendations will be substantiated by a justification statement, using screening criterion, for comparison of the alternatives. The contractor shall conduct a business briefing to NSIR management on the Alternatives Analysis and recommendations; the briefing shall be structured to enable NSIR management to compare and select an alternative for implementation.

## 6.3. Technical Design and Implementation Plans

The contractor shall develop a Technical Design for the selected alternative enhancement. The design will utilize agency standards for Project Management Methodology. The design should be modular to separately enable implementation of (1) upgrades to current E-library system; (2) the EIE interface; (3) new features and capabilities; (4) additional security controls, as needed.

The contractor shall create a System Architecture Document (SAD). The SAD shall provide a comprehensive architectural overview of the system, using a number of different architectural views to depict different aspects of the system. Views include Use-Case, Logical, Process, Deployment (physical), Data. This is a high level design document. It also shall include an evaluation of architecture against the enterprise architecture and impact analysis.

The contractor shall develop an Implementation Plan which can be used to plan and schedule activities for implementing the approved design. The Implementation Plan will be in MS Project and follow agency standards for Implementation Plans.

## 6.4. Implementation

The contractor shall develop and implement the recommended design, as laid out in the approved Implementation Plan. The implementation will follow industry standards for modular development and integration testing. The enhanced e-Library system will be developed, tested, and released as a subsystem to OCIMS. As part of the implementation, the contractor shall develop a Test Plan and a Test Evaluation Summary.

Following the initial release of the enhanced e-Library system, the contractor shall integrate the e-Library capabilities into the OCIMS. These integration activities include updates to documentation for systems, security, certification and accreditation, and annual security testing (Contingency Test Plans and security controls).

## 6.5. On-going Maintenance and Operations of e-Library

The contractor shall provide on-going maintenance and operations support for the e-Library components of OCIMS. This includes daily operations, problem solving, upgrades to equipment and software, routine maintenance testing, and added enhancement.

# 7. Deliverables

The contractor shall be required to comply with the delivery schedule stated below. All deliverables shall be formatted and prepared using Microsoft Word for documentation and reports; Microsoft PowerPoint for briefings; and Microsoft Project for schedules.

Item	Deliverable	Estimated Delivery Schedule
4	Project Management	

Item	Deliverable	Estimated Delivery Schedule
4.1	Kick-Off Meeting Proposed Project Plan	5 days after contract award
4.2	Meetings	As needed
4.3	Monthly Report	Monthly
<b>5</b>	<b>Phase 1</b>	
5.1	Requirements and Implementation Plan	5 days after Kick-Off Meeting
5.2	Implementation and Documentation of changes	10 days after 5.1
<b>6</b>	<b>Phase 2</b>	
6.1	Assessment and Requirements Document	20 days after Kick-Off Meeting
6.2	Alternatives Analysis Study	5 days after 6.1
6.3	Technical Design and Implementation Plans	5 days after 6.2
6.3	System Architecture Document	10 days after 6.2
6.4	Test Plan and Test Evaluation Summary	10 days after 6.2
6.5	Documentation	10 days after implementation
6.6	Maintenance and Operations Plan	10 days after implementation
8.5.4	Training, if applicable	2 days after implementation

Any deliverables rejected by the NRC PO shall be revised and resubmitted within 5 working days of notification from the NRC PO that the delivery was rejected.

## 8. Contractor Personnel Skill Set Requirements

The contractor shall provide the correct number of qualified, competent, and fully trained personnel to perform the activities delineated under this task order. The contractor's personnel shall act in a courteous, responsive, knowledgeable, and professional manner at all times.

The contractors shall be required to hold an NRC clearance at the "IT-1" level.

The contractor will be required to perform system development and deployment under the direction of a program manager. The contractor's program manager shall be responsible for the overall execution of the provisions of the contract including the provision of all required technical and financial reports. The contractor's program manager shall ensure compliance with the requirements for system development, quality assurance and system security measures in accordance with current FISMA guidelines.

The contractor staff shall possess the following skills:

- Extensive experience delivering technical IT solutions
- Extensive experience with and knowledge of the hardware and software necessary for web electronic/computer data handling and storage and electronic data transmission
- Extensive experience with and knowledge of web design, intranets, and use of portals
- Extensive consulting experience in user requirements, content management, display and marketing techniques for web technologies
- Extensive experience with electronic document management systems
- Experience with and knowledge of FISMA certification and accreditation.
- Extensive experience with and knowledge of Document Control and Configuration Management best practices
- Extensive experience with Microsoft Internet Information Services (IIS) 6 or later.
- Experience with network design, network protocols, routers, switches.
- Experience with Microsoft SQL Server 2005 or later.
- Experience with HTML, XML.
- Experience with scripting languages (such as java script or visual basic script).

Note: Extensive is defined as 7+ years of working knowledge

Experience is defined as 5 + years of working knowledge

The contractor shall provide a resume for each individual proposed to work on this contract.

The contractor shall maintain continuous availability of all key personnel who are required to successfully perform the work required under this task order.

In addition, the contractor personnel skill sets shall demonstrate strong communications and interpersonal skills. The contractor's project manager and designated staff shall be required to meet with, discuss, and obtain information required to accomplish the tasks described in this SOW, which will involve regular communications – formal and informal – with senior NRC staff members.

## 9. Training

The contractor shall provide administrator and user training to NRC personnel on the new enhanced e-Library system.

## 10. Place of Performance

Preparation of deliverables may be performed offsite at the contractor's own facility. The system will be developed, acceptance tested and deployed, however, at the NRC Headquarters for access on the NRC network by headquarters, Regions, and the Technical Training Center.

## 11. Period of Performance

August 1, 2010 through July 31, 2012. This includes a 16 month base period and a 12 month option period.

## 12. Travel

There is no anticipated travel other than to the NRC headquarters (Rockville, MD), 11545 Rockville, Pike, Rockville, MD 20852.

## 13. Role of the NRC

The NRC Technical Manager will provide overall program direction, review and approve all plans and deliverables.

### NRC Project Officer

Name: Omar Khan  
Telephone: (301) 415-6995, FAX: (301) 415-7714  
Address: U.S. Nuclear Regulatory Commission  
Mail-stop: T-4A45  
Washington, DC 20555  
E-mail address: Omar.Khan@nrc.gov

## 14. Procurement Responsibilities

The contractor shall procure agreed upon hardware or software under the contract as directed by the Contracting Officer (CO) or NRC PO.

The contractor shall submit a Purchase Request Authorization (PRA) to the NRC PO for approval in support of the requirements of this contract. Each PRA shall include the following information to include but not limited to:

- PRA number assigned by the contractor
- Vendor item description
- Unit price
- Total price
- Quotes or offers solicited and obtained from other known sources

The contractor shall be responsible for procurement for the e-Library by requesting competitive quotations from at least three approved sources, placing orders to the vendors for delivery, receiving of equipment, and deployment of the equipment. **All HW/SW purchases by the contractor are subject to prior written approval by the NRC PO and the NRC CO.** The NRC/ADM Division of Contracts will provide the necessary assistance and guidance to the contractor regarding procurement.

Upon receipt of the purchase, the NRC PO shall be notified and requested to acknowledge receipt. A PRA shall be filed with the NRC PO when the order is placed.

The Contractor will be reimbursed for materials, equipment, shipping charges, and contractually authorized mark-up for these other direct costs upon receipt of a properly executed invoice.

In the case of an emergency the NRC PO may supersede these steps.

## 15. Computer Security Requirements

For unclassified information used for the effort, the contractor shall provide an information security categorization document indicating the sensitivity of the information processed as part of this contract if the information security categorization was not provided in the statement of work. The determination shall be made using NIST SP 800-60 and must be approved by CSO.

The NRC CO and NRC PO shall be notified immediately if the contractor begins to process information at a higher sensitivity level. If the effort includes use or processing of classified information, the NRC contracting officer and project officer shall be notified immediately if the contractor begins to process information at a more restrictive classification level.

All work under this contract shall comply with the latest version of all applicable guidance and standards. Individual task orders will reference applicable versions of standards or exceptions as necessary. These standards include, but are not limited to, NRC Management Directive 12.5 Automated Information Security Program, and NIST guidance and Federal Information Processing Standards (FIPS), and Committee on National Security Systems (CNSS) policy, policy, directives, instructions, and guidance. This information is available at the following links:

NRC Policies, Procedures and Standards (CSO internal website):  
<http://www.internal.nrc.gov/CSO/policies.html>

All NRC Management Directives (public website):  
<http://www.nrc.gov/reading-rm/doc-collections/management-directives/>

NIST Special Publications (SP) and FIPS documentation is located at:  
<http://csrc.nist.gov/>

CNSS documents are located at:  
<http://www.cnss.gov/>

When e-mail is used, the Contractors shall only use NRC provided e-mail accounts to send and receive sensitive information (information that is not releasable to the public) or mechanisms to protect the information during transmission to NRC that have been approved by CSO.

All Contractor employees must sign the NRC Agency Rules of Behavior for Secure Computer Use prior to being granted access to NRC computing resources.

Contractor shall adhere to NRC policies, including but not limited to:

- Management Directive 12.5, Automated Information Security Program
- Computer Security Policy for Encryption of Data at Rest When Outside of Agency Facilities
- Policy for Copying, Scanning, Printing, and Faxing Safeguards Information (SGI) & Classified Information
- Computer Security Information Protection Policy
- Remote Access Policy
- Use of Commercial Wireless Devices, Services and Technologies Policy
- Laptop Security Policy
- Computer Security Incident Response Policy

Contractor shall adhere to NRC's prohibition of use of personal devices to process and store NRC sensitive information.

All work performed at non-NRC facilities shall be in facilities, networks, and computers that have been accredited by NRC for processing information at the sensitivity level of the information being processed.

The contractor shall ensure that the NRC data processed during the performance of this contract shall be purged from all data storage components of the contractor's computer facility, and the contractor will retain no NRC data within 30 calendar days after contract is completion.

Until all data is purged, the contractor shall ensure that any NRC data remaining in any storage component will be protected to prevent unauthorized disclosure.

When contractor employees no longer require access to an NRC system, the contractor shall notify the project officer within 24 hours.

Upon contract completion, the contractor shall provide a status list of all NRC system users and shall note if any users still require access to the system to perform work if a follow-on contract or task order has been approved by NRC.

The contractor shall not publish or disclose in any manner, without the contracting officer's written consent, the details of any security controls or countermeasures either designed or developed by the contractor under this contract or otherwise provided by the NRC.

Any IT system used to process NRC sensitive information shall:

- Include a mechanism to require users to uniquely identify themselves to the system before beginning to perform any other actions that the system is expected to provide.
- Be able to authenticate data that includes information for verifying the claimed identity of individual users (e.g., passwords)
- Protect authentication data so that it cannot be accessed by any unauthorized user
- Be able to enforce individual accountability by providing the capability to uniquely identify each individual computer system user
- Report to appropriate security personnel when attempts are made to guess the authentication data whether inadvertently or deliberately

Any contractor system being used to process NRC data shall be able to define and enforce access privileges for individual users. The discretionary access controls mechanisms shall be configurable to protect objects (e.g., files, folders) from unauthorized access.

The contractor system being used to process NRC data shall provide only essential capabilities and specifically prohibit and/or restrict the use of specified functions, ports, protocols, and/or services.

The contractors shall only use NRC approved methods to send and receive information considered sensitive or classified. Specifically,

- **Classified Information** - All NRC Classified data being transmitted over a network shall use NSA approved encryption and adhere to guidance in MD 12.2 NRC Classified Information Security Program, MD 12.5 NRC Automated Information Security Program and Committee on National Security Systems. Classified processing shall be only within facilities, computers, and spaces that have been specifically approved for classified processing.
- **SGL Information** – All SGL being transmitted over a network shall adhere to guidance in MD 12.7 NRC Safeguards Information Security Program and MD 12.5 NRC Automated Information Security Program. SGL processing shall be only within facilities, computers, and spaces that have been specifically approved for SGL processing. Cryptographic modules provided as part of the system shall be validated under the Cryptographic Module Validation Program to conform to NIST FIPS 140-2 overall level 2 and must be operated in FIPS mode. The contractor shall provide the FIPS 140-2 cryptographic module certificate number and a brief description of the encryption module that includes the encryption algorithm(s) used, the key length, and the vendor of the product.

The most restrictive set of rights/privileges or accesses needed by users (or processes acting on behalf of users) for the performance of specified tasks must be enforced by the system through assigned access authorizations.

Separation of duties for contractor systems used to process NRC information must be enforced by the system through assigned access authorizations.

The mechanisms within the contractor system or application that enforces access control and other security features shall be continuously protected against tampering and/or unauthorized changes.

All systems used to process NRC sensitive information shall meet NRC configuration standards available at: <http://www.internal.nrc.gov/CSO/standards.html>.

All media used by the contractor to store or process NRC information shall be controlled in accordance to the sensitivity level.

The contractor shall not perform sanitization or destruction of media approved for processing NRC information designated as SGL or Classified. The contractor must provide the media to NRC for destruction.

The Contractor must adhere to NRC patch management processes for all systems used to process NRC information. Patch Management reports will be made available to the NRC upon request for following security categorizations and reporting timeframes:

- 5 calendar days after being requested for a high sensitivity system
- 10 calendar days after being requested for a moderate sensitivity system
- 15 calendar days after being requested for a low sensitivity system

For any contractor system used to process NRC information, the contractor must ensure that information loaded into the system is scanned for viruses prior to posting; servers are scanned for viruses, adware, and spyware on a regular basis; and virus signatures are updated at the following frequency:

- 1 calendar day for a high sensitivity system
- 3 calendar days for a moderate sensitivity system
- 7 calendar days for a low sensitivity system

All system modifications to classified systems must comply with NRC security policies and procedures for classified systems, as well as federal laws, guidance, and standards to ensure Federal Information Security Management Act (FISMA) compliance.

The Contractor shall correct errors in contractor developed software and applicable documentation that are not commercial off-the-shelf which are discovered by the NRC or the contractor. Inability of the parties to determine the cause of software errors shall be resolved in accordance with the Disputes clause in Section I, FAR 52.233-1, incorporated by reference in the contract.

The Contractor shall adhere to the guidance outlined in NIST SP 800-53, FIPS 200 and NRC guidance for the identification and documentation of minimum security controls.

The contractor shall provide the system requirements traceability matrix at the end of the initiation phase, development/acquisition phase, implementation/assessment phase, operation & maintenance phase and disposal phase that provides the security requirements in a separate section so that they can be traced through the development life cycle. The contractor shall also provide the software and hardware designs and test plan documentation, and source code upon request to the NRC for review.

- All development and testing of the systems shall be protected at their assigned system sensitivity level and shall be performed on a network separate and isolated from the NRC operational network.
- All system computers must be properly configured and hardened according to NRC policies, guidance, and standards and comply with all NRC security policies and procedures as commensurate with the system security categorization.
- All contractor provided deliverables identified in the project plan will be subject to the review and approval of NRC Management. The contractor will make the necessary modifications to project deliverables to resolve any identified issues. Project deliverables include but are not limited to: requirements, architectures, design documents, test plans, and test reports.
- The contractor shall not hardcode any passwords into the software unless the password only appears on the server side (e.g. using server-side technology such as ASP, PHP, or JSP).

The contractor shall ensure that the software does not contain undocumented functions and undocumented methods for gaining access to the software or to the computer system on which it is installed. This includes, but is not limited to, master access keys, back doors, or trapdoors.

Cryptographic modules provided as part of the system shall be validated under the Cryptographic Module Validation Program to conform to NIST FIPS 140-2 and must be operated in FIPS mode. The contractor shall provide the FIPS 140-2 cryptographic module certificate number and a brief description of the encryption module that includes the encryption algorithm(s) used, the key length, and the vendor of the product.

The contractor shall demonstrate that all hardware and software meet security requirements prior to being placed into the NRC production environment.

The contractor shall ensure that the development environment is separated from the operational environment using NRC CSO approved controls.

The contractor shall only use licensed software and in-house developed authorized software (including NRC and contractor developed) on the system and for processing NRC information. Public domain, shareware, or freeware shall only be installed after prior written approval is obtained from the NRC Chief Information Security Officer (CISO).

The contractor shall provide proof of valid software licensing upon request of the CO, the NRC PO, a Senior Information Technology Security Officer (SITSO), or the Designated Approving Authorities (DAAs).

The contractor shall ensure that its employees, in performance of the contract, receive Information Technology (IT) security training in their role at the contractor's expense. The Contractor must provide the NRC written certification that training is complete, along with the title of the course and dates of training as a prerequisite to start of work on the contract.

The IT security role and associated type of training course and periodicity required to be completed are as follows:

Role	Type of Training	Required Frequency of Training
Auditor	Vendor specific operating system and application security training, database security training	Prior to appointment and then every three years
IT Functional Manager	Vendor specific operating system and application security training, database security training	Prior to appointment and then every two years Additional system specific training upon a major system update/change

<b>Role</b>	<b>Type of Training</b>	<b>Required Frequency of Training</b>
System Administrator	Vendor specific operating system and application security training	Prior to appointment and then every year: <ul style="list-style-type: none"> <li>■ Training in operating system security in the area of responsibility occurs every 2 years</li> <li>■ Training in application security in the area of responsibility occurs every 2 years</li> </ul>
Information Systems Security Officer	ISSO role specific training (not awareness) provided by a government agency or by a vendor such as SANS Vendor specific operating system and application security training	Prior to appointment and then every year: <ul style="list-style-type: none"> <li>■ Training in the ISSO role occurs every 3 years</li> <li>■ Training in operating system security in the area of responsibility occurs every 3 years</li> <li>■ Training in application security in the area of responsibility occurs every 3 years</li> </ul>
Database Administrator	Vendor specific database security training	Prior to appointment and then every 2 years: <ul style="list-style-type: none"> <li>■ Training in database security in the area of responsibility occurs every 2 years</li> </ul>
Network Administrator	Network administrator role specific training (not awareness) provided by a government agency or by a vendor such as SANS Network specific security training	Prior to appointment and then every year: <ul style="list-style-type: none"> <li>■ Training in the Network administrator role occurs every 3 years</li> <li>■ Training in network security in the area of responsibility occurs every year where network administrator role training does not occur</li> </ul>
IT Managers	Vendor specific operating system and application security training, database security training.	Prior to appointment and then every two years Additional system specific training upon a major system update/change
IT System Developer	Vendor specific operating system and application security training, database security training	Prior to appointment and then every year – training with system-specific training (ISS LoB or commercial) upon assuming the role, to become biannual with NRC provided training every other year.

The contractor must ensure that required refresher training is accomplished in accordance with the required frequency specifically associated with the IT security role.

The system shall be able to create, maintain and protect from modification or unauthorized access or destruction an audit trail of accesses to the objects it protects. The audit data shall be protected so that read access to it is limited to those who are authorized.

The system shall be able to record the following types of events: use of identification and authentication mechanisms, introduction of objects into a user's address space (e.g., file open, program initiation), deletion of objects, and actions

taken by computer operators and system administrators or system security officers and other security relevant events. The system shall be able to audit any override of security controls.

The Contractor shall ensure auditing is implemented on the following:

- Operating System
- Application
- Web Server
- Web Services
- Network Devices
- Database
- Wireless

The contractor shall perform audit log reviews daily using automated analysis tools.

Contractor must log at least the following events on systems that process NRC information:

- Audit all failures
- Successful logon attempt
- Failure of logon attempt
- Permission Changes
- Unsuccessful File Access
- Creating users & objects
- Deletion & modification of system files
- Registry Key/Kernel changes
- Startup & shutdown
- Authentication
- Authorization/permission granting
- Actions by trusted users
- Process invocation
- Controlled access to data by individually authenticated user
- Unsuccessful data access attempt
- Data deletion
- Data transfer
- Application configuration change
- Application of confidentiality or integrity labels to data
- Override or modification of data labels or markings
- Output to removable media
- Output to a printer

The contractor shall work with the NRC PO in performing Risk Assessment activities according to NRC policy, standards, and guidance. The contractor shall perform Risk Assessment activities that include analyzing how the architecture implements the NRC documented security policy for the system, assessing how management, operational, and technical security control features are planned or implemented and how the system interconnects to other systems or networks while maintaining security.

The contractor shall develop the SSP according to NRC policy, standards, and guidance to define the implementation of IT security controls necessary to meet both the functional assurance and security requirements. The contractor will ensure that all controls required to be implemented are documented in the SSP.

The contractor shall follow NRC policy, standards, and guidance for execution of the test procedures. These procedures shall be supplemented and augmented by tailored test procedures based on the control objective as it applies to NRC. The contractor shall include verification and validation to ensure that appropriate corrective action was taken on identified security weaknesses.

The contractor shall perform ST&E activities, including but not limited to, coordinating the ST&E and developing the ST&E Plan, execution ST&E test cases and documentation of test results. The contractor shall prepare the POA&M based on the ST&E results.

The contractor shall provide a determination, in a written form agreed to by the NRC PO and CSO, on whether the implemented corrective action was adequate to resolve the identified information security weaknesses and provide the reasons for any exceptions or risk-based decisions. The contractor shall document any vulnerabilities indicating which portions of the security control have not been implemented or applied.

The contractor shall develop and implement solutions that provide a means of planning and monitoring corrective actions; define roles and responsibilities for risk mitigation; assist in identifying security funding requirements; track and prioritize resources; and inform decision-makers of progress of open POA&M items.

The contractor shall perform verification of IT security weaknesses to ensure that all weaknesses identified through third party (e.g., Office of the Inspector General (OIG)) audits are included in the POA&Ms that the quarterly reporting to Office of Management and Budget (OMB) is accurate, and the reasons for any exceptions or risk-based decisions are reasonable and clearly documented. This verification process will be done in conjunction with the continuous monitoring activities.

The contractor shall create, update maintain all Certification and Accreditation (C&A) documentation in accordance with the following NRC Certification and Accreditation procedures and guidance:

- C&A Non-SGI Unclassified Systems
- C&A SGI Unclassified Systems
- C&A Classified Systems

Contract must develop contingency plan and ensure annual contingency testing is completed within one year of previous test and provide an updated security plan and test report according to NRC's policy and procedure.

Contractor must conduct annual security control testing according to NRC's policy and procedure and update POA&M, SSP, etc. to reflect any findings or changes to management, operational and technical controls.

- The Contractor shall perform, document and report to NRC management the results of continuous monitoring activities which include, but are not limited to the following: assessment of selected security controls, configuration management, security impact analysis on changes, C&A documentation updates.
- The Contractor shall meet the Continuous Monitoring requirements identified in NIST Special Publication 800-37.

## 16. Security Requirements for Onsite Access

Contractors who will be working onsite at NRC facilities shall follow these security requirements:

### 2052.204.70 Security (MAR 2004)

(a) Contract Security and/or Classification Requirements (NRC Form 187). The policies, procedures and criteria of the NRC Security Program, NRC Management Directive (MD) 12 (including MD 12.1, "NRC Facility Security Program;" MD 12.2, "NRC Classified Information Security Program;" MD 12.3, "NRC Personnel Security Program;" MD 12.4, "NRC Telecommunications System Security Program;" MD 12.5, "NRC Automated Information Systems Security Program;" and MD 12.6, "NRC Sensitive Unclassified Information Security Program"), apply to performance of this contract, subcontract or other activity. This MD is incorporated into this contract by reference as though fully set forth herein. The attached NRC Form 187 (See List of Attachments) furnishes the basis for providing security and classification requirements to prime contractors, subcontractors, or others (e.g., bidders) who have or may have an NRC contractual relationship that requires access to classified Restricted Data or National Security Information or matter, access to sensitive unclassified information (Safeguards, Official Use Only, and Proprietary Information) access to sensitive Information Technology (IT) systems or data, unescorted access to NRC controlled buildings/space, or unescorted access to protected and vital areas of nuclear power plants.

(b) It is the contractor's duty to protect National Security Information, Restricted Data, and Formerly Restricted Data. The contractor shall, in accordance with the Commission's security regulations and requirements, be responsible for protecting National Security Information, Restricted Data, and Formerly Restricted Data, and for protecting against sabotage, espionage, loss and theft, the classified documents and material in the contractor's possession in connection with the performance of work under this contract. Except as otherwise expressly provided in this contract, the contractor shall, upon completion or termination of this contract, transmit to the Commission and classified matter in the possession of the contractor or any person under the contractor's control in connection with performance of this contract. If retention by the contractor of any classified material is required after the completion or termination of the contract and the retention is approved by the contracting officer, the contractor shall complete a certificate of possession to be furnished to the Commission specifying the classified matter to be retained. The certification must identify the items and types or categories of matter retained, the conditions governing retention of the matter and their period of retention, if known. If the retention is approved by the contracting officer, the security provisions of the contract continue to be applicable to the matter retained.

(c) In connection with the performance of work under this contract, the contractor may be furnished, or may develop or acquire, safeguards information, proprietary data (trade secrets) or confidential or privileged technical, business, or financial information, including Commission plans, policies, reports, financial plans, other (Official Use Only) internal data protected by the Privacy Act of 1974 (Pub. L. 93-579), or other information which has not been released to the public or has been determined by the Commission to be otherwise exempt from disclosure to the public. The contractor shall ensure that information protected from public disclosure is maintained as required by NRC regulations and policies, as cited in this contract or as otherwise provided by the NRC. The contractor will not directly or indirectly duplicate, disseminate, or disclose the information in whole or part to any other person or organization except as may be necessary to perform the work under this contract. The contractor agrees to return the information to the Commission or otherwise dispose of it at the direction of the contracting officer. Failure to comply with this clause is grounds for termination of this contract.

(d) Regulations. The contractor agrees to conform to all security regulations and requirements of the Commission which are subject to change as directed by the NRC Division of Facilities and Security (DFS) and the contracting officer. These changes will be under the authority of the FAR Changes clause referenced in this document.

The contractor agrees to comply with the security requirements set forth in NRC Management Directive 12.1, NRC Facility Security Program which is incorporated into this contract by reference as though fully set forth herein. Attention is directed specifically to the section titled "Infractions and Violations," including "Administrative Actions" and "Reporting Infractions."

- (e) **Definition of National Security Information.** The term National Security Information, as used in this clause, means information that has been determined pursuant to Executive Order 12958 or any predecessor order to require protection against unauthorized disclosure and that is so designated.
- (f) **Definition of Restricted Data.** The term Restricted Data, as used in this clause, means all data concerning design, manufacture, or utilization of atomic weapons; the production of special nuclear material; or the use of special nuclear material in the production of energy, but does not include data declassified or removed from the Restricted Data category pursuant to Section 142 of the Atomic Energy Act of 1954, as amended.
- (g) **Definition of Formerly Restricted Data.** The term Formerly Restricted Data, as used in this clause, means all data removed from the Restricted Data category under Section 142-d of the Atomic Energy Act of 1954, as amended.
- (h) **Definition of Safeguards Information.** Sensitive unclassified information that specifically identifies the detailed security measures of a licensee or an applicant for the physical protection of special nuclear material; or security measures for the physical protection and location of certain plant equipment vital to the safety of production of utilization facilities. Protection of this information is required pursuant to Section 147 of the Atomic Energy Act of 1954, as amended.
- (i) **Security Clearance.** The contractor may not permit any individual to have access to Restricted Data, Formerly Restricted Data, or other classified information, except in accordance with the Atomic Energy Act of 1954, as amended, and the Commission's regulations or requirements applicable to the particular type or category of classified information to which access is required. The contractor shall also execute a Standard Form 312, Classified Information Nondisclosure Agreement, when access to classified information is required.
- (j) **Criminal Liabilities.** It is understood that disclosure of National Security Information, Restricted Data, and Formerly Restricted Data relating to the work or services ordered hereunder to any person not entitled to receive it, or failure to safeguard any Restricted Data, Formerly Restricted Data, or any other classified matter that may come to the contractor or any person under the contractor's control in connection with work under this contract, may subject the contractor, its agents, employees or subcontractors to criminal liability under the laws of the United States. (See the Atomic Energy Act of 1954, as amended, 42 U.S.C. 2011 et seq.; 18 U.S.C. 793 and 794; and Executive Order 12958.)
- (k) **Subcontracts and Purchase Orders.** Except as otherwise authorized in writing by the contracting officer, the contractor shall insert provisions similar to the foregoing in all subcontracts and purchase orders under this contract.
- (l) In performing the contract work, the contractor shall classify all documents, material and equipment originated or generated by the contractor in accordance with guidance issued by the Commission. Every subcontract and purchase order issued hereunder involving the origination or generation of classified documents, material, and equipment must provide that the subcontractor or supplier assign classification to all documents, material, and equipment in accordance with the guidelines furnished by the contractor.

## **17. Privacy Act**

### **17.1. Privacy Act Notification (Apr 1984)**

The Contractor will be required to design, develop, or operate a system of records on individuals, to accomplish an agency function subject to the Privacy Act of 1974, Public Law 93-579, December 31, 1974 (5 U.S.C. 552a) and applicable agency regulations. Violation of the Act may involve the imposition of criminal penalties.

### **17.2. Privacy Act (Apr 1984)**

(a) The Agency agrees to—

- (1) Comply with the Privacy Act of 1974 (the Act) and the agency rules and regulations issued under the Act in the design, development, or operation of any system of records on individuals to accomplish an agency function when the agreement/contract specifically identifies—

- (i) The systems of records; and
- (ii) The design, development, or operation work that the Agency is to perform;
- (2) Include the Privacy Act notification contained in this agreement/contract in every solicitation and resulting subcontract and in every subcontract awarded without a solicitation, when the work statement in the proposed subcontract requires the redesign, development, or operation of a system of records on individuals that is subject to the Act; and
- (3) Include this clause, including this paragraph (3), in all subcontracts awarded under this agreement/contract which requires the design, development, or operation of such a system of records.
- (b) In the event of violations of the Act, a civil action may be brought against the agency involved when the violation concerns the design, development, or operation of a system of records on individuals to accomplish an agency function, and criminal penalties may be imposed upon the officers or employees of the agency when the violation concerns the operation of a system of records on individuals to accomplish an agency function. For purposes of the Act, when the agreement/contract is for the operation of a system of records on individuals to accomplish an agency function, the Agency is considered to be an employee of the agency.
- (1) "Operation of a system of records," as used in this clause, means performance of any of the activities associated with maintaining the system of records, including the collection, use, and dissemination of records.
- (2) "Record," as used in this clause, means any item, collection, or grouping of information about an individual that is maintained by an agency, including, but not limited to, education, financial transactions, medical history, and criminal or employment history and that contains the person's name, or the identifying number, symbol, or other identifying particular assigned to the individual, such as a fingerprint or voiceprint or a photograph.
- (3) "System of records on individuals," as used in this clause, means a group of any records under the control of any agency from which information is retrieved by the name of the individual or by some identifying number, symbol, or other identifying particular assigned to the individual.

## 18. Safeguard of Proprietary Information

In connection with the performance of the work under this delivery order, the contractor may be furnished, or may develop or acquire, proprietary data (trade secrets) or confidential or privileged technical, business, or financial information, including Commission plans, policies, reports, financial plans, internal data protected by the Privacy Act of 1974 (Public Law 93-579) or other information which has not been released to the public or has been determined by the Commission to be otherwise exempt from disclosure to the public. The contractor agrees to hold the information in confidence and not to directly or indirectly duplicate, disseminate, or disclose the information in whole or in part to any other person or organization except as may be necessary to perform the work under this contract. The contractor agrees to return the information to the Commission or otherwise dispose of it at the direction of the contracting officer. Failure to comply with this clause is grounds for termination of this contract.

## 19. List of Acronyms

Acronym	Definition
ADM	Office of Administration
ADM/Facilities	Office of Administration Facilities Branch
CISO	Chief Information Security Officer
CNSS	Committee on National Security Systems
CO	Contracting Officer
COTS	Commercial-Off-the-Shelf
CSO	Computer Security Office
DAA	Designated Approving Authority
EOP	Emergency Operating Procedures
FIPS	Federal Information Processing Standards
FISMA	Federal Information Security Management Act

Acronym	Definition
HOC	Headquarters Operations Center
HOO	Headquarter Operations Officers
IIS	Internet Information Services
IRC	Incident Response Center
IT/IM	Information Technology and Information Management
LAN	Local Area Network
MD	NRC Management Directive
MS	Microsoft
NIST	National Institute of Science and Technology
NRC	U.S. Nuclear Regulatory Commission
NSIR	Office of Nuclear Security and Incident Response
OCIMS	Operations Center Information Management System
OIS	Office of Information Services
OMB	Office of Management and Budget
OWFN	One White Flint North
PM	Preventive Maintenance
PMM	Project Management Methodology
POA&M	OCIMS Planned Operations, Actions, and Management
POC	Point Of Contact
POE	Production Operating Environment
SAD	System Architecture Document
SIG	Safeguards Information
SITSO	Senior Information Technology Security Officer
SOW	Statement of Work
SQL	Structured Query Language
ST&E	Security Test and Evaluation
TWFN	Two White Flint North

## D.1 INVOICE INSTRUCTIONS

**BILLING INSTRUCTIONS FOR  
LABOR HOUR/TIME AND MATERIALS TYPE CONTRACTS (JUNE 2008)**

**General:** During performance and through final payment of this contract, the contractor is responsible for the accuracy and completeness of data within the Central Contractor Registration (CCR) database and for any liability resulting from the Government's reliance on inaccurate or incomplete CCR data.

The contractor shall prepare vouchers/invoices as prescribed herein. FAILURE TO SUBMIT VOUCHERS/INVOICES IN ACCORDANCE WITH THESE INSTRUCTIONS WILL RESULT IN REJECTION OF THE VOUCHER/INVOICE AS IMPROPER.

**Form:** Claims shall be submitted on the payee's letterhead, voucher/invoice, or on the Government's Standard Form 1034, "Public Voucher for Purchases and Services Other than Personal," and Standard Form 1035, "Public Voucher for Purchases Other than Personal--Continuation Sheet."

**Number of Copies:** A signed original shall be submitted. If the voucher/invoice includes the purchase of any property with an initial acquisition cost of \$50,000 or more, a copy of the signed original is also required.

**Designated Agency Billing Office:** The preferred method of submitting vouchers/invoices is electronically to the Department of the Interior at [NRCPayments@nbc.gov](mailto:NRCPayments@nbc.gov)

If the voucher/invoice includes the purchase of any property with an initial acquisition cost of \$50,000 or more, a copy of the signed original shall be electronically sent to: [Property@nrc.gov](mailto:Property@nrc.gov)

However, if you submit a hard-copy of the voucher/invoice, it shall be submitted to the following address:

Department of the Interior  
National Business Center  
Attn: Fiscal Services Branch - D2770  
7301 West Mansfield Avenue  
Denver, CO 80235-2230

If you submit a hard-copy of the voucher/invoice and it includes the purchase of any property with an initial acquisition cost of \$50,000 or more, a copy of the signed original shall be mailed to the following address:

U.S. Nuclear Regulatory Commission  
NRC Property Management Officer  
Mail Stop: O-4D15  
Washington, DC 20555-0001

HAND-CARRIED SUBMISSIONS WILL NOT BE ACCEPTED

**Agency Payment Office:** Payment will continue to be made by the office designated in the contract in Block 12 of Standard Form 26, Block 25 of Standard Form 33, or Block 18a. of Standard Form 1449, whichever is applicable.

**Frequency:** The contractor shall submit claims for reimbursement once each month, unless otherwise authorized by the Contracting Officer.

**Format:** Claims shall be submitted in the format depicted on the attached sample form entitled "Voucher/Invoice for Purchases and Services Other than Personal" (see Attachment 1). The sample format is provided for guidance only. The format is not required for submission of a voucher/invoice. Alternate formats are permissible provided all requirements of the billing instructions are addressed.

**Billing of Cost after Expiration of Contract:** If costs are incurred during the contract period and claimed after the contract has expired, you must cite the period during which these costs were incurred. To be considered a proper expiration voucher/invoice, the contractor shall clearly mark it "EXPIRATION VOUCHER" or "EXPIRATION INVOICE".

**Final vouchers/invoices shall be marked "FINAL VOUCHER" or "FINAL INVOICE".**

**Currency:** Billings may be expressed in the currency normally used by the contractor in maintaining his accounting records and payments will be made in that currency. However, the U.S. dollar equivalent for all vouchers/invoices paid under the contract may not exceed the total U.S. dollars authorized in the contract.

**Supersession:** These instructions supersede any previous billing instructions.

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