

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

1. REQUISITION NO.

PAGE 1 OF

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CONTRACT NO. NRC-HQ-11-C-03-0014	3. AWARD/EFFECTIVE DATE See Block 31c.	4. ORDER NO.	5. SOLICITATION NUMBER RFP-NRC-03-10-101	6. SOLICITATION ISSUE DATE
OR SOLICITATION INFORMATION CALL:	a. NAME	b. TELEPHONE NO. (No Collect Calls)	8. OFFER DUE DATE/LOCAL TIME	

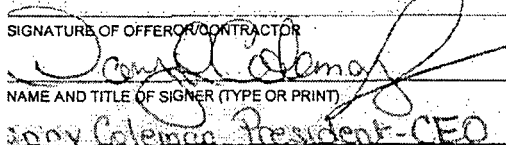
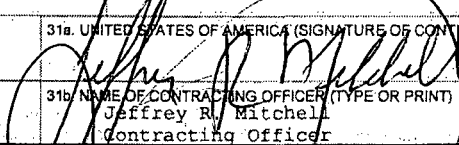
SUED BY U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Jeffrey R. Mitchell, 301-492-3639 Mail Stop T-7-I-2 Washington, DC 20555	CODE 3100	10. THIS ACQUISITION IS <input type="checkbox"/> UNRESTRICTED OR <input checked="" type="checkbox"/> SET ASIDE: 100 % FOR: <input type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> HUBZONE SMALL BUSINESS <input type="checkbox"/> SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS <input checked="" type="checkbox"/> 8(A)	13b. RATING N/A
DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED <input type="checkbox"/> SEE SCHEDULE	12. DISCOUNT TERMS Net 30	13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700) <input type="checkbox"/>	14. METHOD OF SOLICITATION <input type="checkbox"/> RFQ <input type="checkbox"/> IFB <input checked="" type="checkbox"/> RFP

DELIVER TO U.S. Nuclear Regulatory Commission  Washington DC 20555	CODE	16. ADMINISTERED BY U.S. Nuclear Regulatory Commission Div. of Contracts Mail Stop TWB-01-A41  Washington, DC 20555
CONTRACTOR/OFFEROR CODE 869175679 FACILITY CODE	18a. PAYMENT WILL BE MADE BY Department of Interior; NBC Attn: NRCPayments@nbc.gov 7301 W. Mansfield Avenue Denver CO 80325	
AMERICAN RADIATION SERVICES, INC. ARS INTERNATIONAL  2609 N RIVER RD  PORT ALLEN LA 707673469 PHONE NO. 1-225-381-2991	18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED <input type="checkbox"/> SEE ADDENDUM	
17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER		

19. ITEM NO.	20. See CONTINUATION Page SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	<p>The contractor shall provide the U.S. Nuclear Regulatory Commission with Radiological Evaluation Assistance in accordance with the Statement of Work and Terms and Conditions attached to this Contract.</p> <p>This is a Fixed Unit Price Ordering Contract.</p> <p>ORCA, GOV Reps and Certs incorporated by reference.</p> <p>(Use Reverse and/or Attach Additional Sheets as Necessary)</p>				

ACCOUNTING AND APPROPRIATION DATA 2011-x0200-20-11-5-139 J4714 252A 31x0210.020 Obligate \$24,000.00 UNNS: 869175679 NAICS: 541380 FFS:111189	28. TOTAL AWARD AMOUNT (For Govt. Use Only)
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27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4, FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED.	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:
27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4, FAR 52.212-5 IS ATTACHED. ADDENDA <input checked="" type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED.	
28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 1 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	

SIGNATURE OF OFFEROR/CONTRACTOR 	31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER) 
NAME AND TITLE OF SIGNER (TYPE OR PRINT) Jeffrey R. Mitchell, President-CEO	31b. NAME OF CONTRACTING OFFICER (TYPE OR PRINT) Jeffrey R. Mitchell Contracting Officer
30c. DATE SIGNED 1-14-11	31c. DATE SIGNED 1/19/2011

19. ITEM NO.	20. SCHEDULE OF 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
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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
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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

BASE PERIOD:		Day of Award through December 31, 2012		
21 - DAY PROCESSING RATE				
CLIN	DESCRIPTION	EST. QTY	FIRM FIXED RATE	ESTIMATED TOTAL
001	Gamma Spectroscopy (Mn-54, Co-58, Co-60, Fe-59, Zn-65, Nb-95, Zr-95, I-131, Cs-134, Cs-137, Ba-140, La-140)			
002	Alpha Spectroscopy (Am-241, Cm-242, Cm-243/244, Pu-238, Pu-239/240)			
003	Alpha Spectroscopy - Single Element			
004	Gross Alpha and/or Beta			
005	Tritium			
006	Isotopic Radium			
007	Strontium 89/90			
008	Nickel - 63			
009	Technetium - 99			
010	Fe-55			
5 - DAY PROCESSING RATE				
CLIN	DESCRIPTION	EST. QTY	FIRM FIXED RATE	ESTIMATED TOTAL
011	Gamma Spectroscopy (Mn-54, Co-58, Co-60, Fe-59, Zn-65, Nb-95, Zr-95, I-131, Cs-134, Cs-137, Ba-140, La-140)			
012	Alpha Spectroscopy (Am-241, Cm-242, Cm-243/244, Pu-238, Pu-239/240)			
013	Alpha Spectroscopy - Single Element			
014	Gross Alpha and/or Beta			
015	Tritium			
016	Isotopic Radium			
017	Strontium 89/90	Not technically possible due to in growth requirements		
018	Nickel - 63			
019	Technetium - 99			
020	Fe-55			
SAMPLE CONTAINERS (OTHER DIRECT COST)				
CLIN	DESCRIPTION	SAMPLE UNITS	ACTUAL COST	ESTIMATED TOTAL
021	Sample Container		NOT TO EXCEED	
LABOR HOUR (REPORTING REQUIREMENTS)				
CLIN	DESCRIPTION	EST. HOURS	FIXED LABOR RATE	ESTIMATED TOTAL
022	Principle Investigator			
TOTAL ESTIMATED COST FOR THE BASE PERIOD				\$59,676.65

OPTION PERIOD 1: January 1, 2013 through December 31, 2013				
21 - DAY PROCESSING RATE				
CLIN	DESCRIPTION	EST. QTY.	FIRM/FIXED RATE	ESTIMATED TOTAL
023	Gamma Spectroscopy (Mn-54, Co-58, Co-60, Fe-59, Zn-65, Nb-95, Zr-95, I-131, Cs-134, Cs-137, Ba-140, La-140)			
024	Alpha Spectroscopy (Am-241, Cm-242, Cm-243/244, Pu-238, Pu-239/240)			
025	Alpha Spectroscopy - Single Element			
026	Gross Alpha and/or Beta			
027	Tritium			
028	Isotopic Radium			
029	Strontium 89/90			
030	Nickel - 63			
031	Technetium - 99			
032	Fe-55			
5 - DAY PROCESSING RATE				
CLIN	DESCRIPTION	EST. QTY.	FIRM/FIXED RATE	ESTIMATED TOTAL
033	Gamma Spectroscopy (Mn-54, Co-58, Co-60, Fe-59, Zn-65, Nb-95, Zr-95, I-131, Cs-134, Cs-137, Ba-140, La-140)			
034	Alpha Spectroscopy (Am-241, Cm-242, Cm-243/244, Pu-238, Pu-239/240)			
035	Alpha Spectroscopy - Single Element			
036	Gross Alpha and/or Beta			
037	Tritium			
038	Isotopic Radium			
039	Strontium-89/90	Not technically possible due to in growth requirements		
040	Nickel - 63			
041	Technetium - 99			
042	Fe-55			
SAMPLE CONTAINERS (OTHER DIRECT COST)				
CLIN	DESCRIPTION	SAMPLE UNITS	ACTUAL COST	ESTIMATED TOTAL
043	Sample Container		NOT TO EXCEED	
LABOR HOUR (REPORTING REQUIREMENTS)				
CLIN	DESCRIPTION	EST. HOURS	FIXED LABOR RATE	ESTIMATED TOTAL
044	Principle Investigator			
TOTAL ESTIMATED COST FOR OPTION PERIOD ONE				\$35,315.15

OPTION PERIOD 2: January 1, 2014 through December 31, 2014				
21 - DAY PROCESSING RATE				
CLIN	DESCRIPTION	EST. QTY	FIRM FIXED RATE	ESTIMATED TOTAL
045	Gamma Spectroscopy (Mn-54, Co-58, Co-60, Fe-59, Zn-65, Nb-95, Zr-95, I-131, Cs-134, Cs-137, Ba-140, La-140)			
046	Alpha Spectroscopy (Am-241, Cm-242, Cm-243/244, Pu-238, Pu-239/240)			
047	Alpha Spectroscopy - Single Element			
048	Gross Alpha and/or Beta			
049	Tritium			
050	Isotopic Radium			
051	Strontium 89/90			
052	Nickel - 63			
053	Technetium - 99			
054	Fe-55			
5 - DAY PROCESSING RATE				
CLIN	DESCRIPTION	EST. QTY	FIRM FIXED RATE	ESTIMATED TOTAL
055	Gamma Spectroscopy (Mn-54, Co-58, Co-60, Fe-59, Zn-65, Nb-95, Zr-95, I-131, Cs-134, Cs-137, Ba-140, La-140)			
056	Alpha Spectroscopy (Am-241, Cm-242, Cm-243/244, Pu-238, Pu-239/240)			
057	Alpha Spectroscopy - Single Element			
058	Gross Alpha and/or Beta			
059	Tritium			
060	Isotopic Radium			
061	Strontium 89/90	Not technically possible due to in growth requirements		
062	Nickel - 63			
063	Technetium - 99			
064	Fe-55			
SAMPLE CONTAINERS (OTHER DIRECT COST)				
CLIN	DESCRIPTION	SAMPLE UNITS	ACTUAL COST	ESTIMATED TOTAL
064	Sample Container		NOT TO EXCEED	
LABOR HOUR (REPORTING REQUIREMENTS)				
CLIN	DESCRIPTION	EST. HOURS	FIXED LABOR RATE	ESTIMATED TOTAL
066	Principle Investigator			
TOTAL ESTIMATED COST FOR OPTION PERIOD TWO				\$28,809.75

OPTION PERIOD 3: January 1, 2015 through December 31, 2015

**21 - DAY PROCESSING RATE**

CLIN	DESCRIPTION	EST. QTY	FIRM/FIXED RATE	ESTIMATED TOTAL
067	Gamma Spectroscopy (Mn-54, Co-58, Co-60, Fe-59, Zn-65, Nb-95, Zr-95, I-131, Cs-134, Cs-137, Ba-140, La-140)			
068	Alpha Spectroscopy (Am-241, Cm-242, Cm-243/244, Pu-238, Pu-239/240)			
069	Alpha Spectroscopy - Single Element			
070	Gross Alpha and/or Beta			
071	Tritium			
072	Isotopic Radium			
073	Strontium 89/90			
074	Nickel - 63			
075	Technetium - 99			
076	Fe-55			

**5 - DAY PROCESSING RATE**

CLIN	DESCRIPTION	EST. QTY	FIRM/FIXED RATE	ESTIMATED TOTAL
077	Gamma Spectroscopy (Mn-54, Co-58, Co-60, Fe-59, Zn-65, Nb-95, Zr-95, I-131, Cs-134, Cs-137, Ba-140, La-140)			
078	Alpha Spectroscopy (Am-241, Cm-242, Cm-243/244, Pu-238, Pu-239/240)			
079	Alpha Spectroscopy - Single Element			
080	Gross Alpha and/or Beta			
081	Tritium			
082	Isotopic Radium			
083	Strontium 89/90	Not technically possible due to in growth requirements		
084	Nickel - 63			
085	Technetium - 99			
086	Fe-55			

**SAMPLE CONTAINERS  
(OTHER DIRECT COST)**

CLIN	DESCRIPTION	SAMPLE UNITS	ACTUAL COST	ESTIMATED TOTAL
087	Sample Container		NOT TO EXCEED	

**LABOR HOUR  
(REPORTING REQUIREMENTS)**

CLIN	DESCRIPTION	EST. HOURS	FIXED LABOR RATE	ESTIMATED TOTAL
088	Principle Investigator			

TOTAL ESTIMATED COST FOR OPTION PERIOD THREE

\$24,545.25

TOTAL ESTIMATED COST (BASE PERIOD AND ALL OPTIONAL PERIODS)

\$148,346.65

**B.2 CONSIDERATION AND OBLIGATION--DELIVERY ORDERS (JUN 1988)**

(a) The total estimated amount of this contract (ceiling) for the products/services ordered, delivered, and accepted under this contract is \$59,676.50. The Contracting Officer may unilaterally increase this amount as necessary for orders to be placed with the contractor during the contract period provided such orders are within any maximum ordering limitation prescribed under this contract.

(b) The amount presently obligated with respect to this contract is \$24,000.00. The Contracting Officer may issue orders for work up to the amount presently obligated. This obligated amount may be unilaterally increased from time to time by the Contracting Officer by written modification to this contract. The obligated amount shall, at no time, exceed the contract ceiling as specified in paragraph a above. When and if the amount(s) paid and payable to the Contractor hereunder shall equal the obligated amount, the Contractor shall not be obligated to continue performance of the work unless and until the Contracting Officer shall increase the amount obligated with respect to this contract. Any work undertaken by the Contractor in excess of the obligated amount specified above is done so at the Contractor's sole risk.

**B.3 DURATION OF CONTRACT PERIOD (MAR 1987) ALTERNATE 2 (MAR 1987)**

This contract shall commence on Day of Award and will expire on December 31, 2012. The term of this contract may be extended at the option of the Government for an additional three 1-year options.

**B.4 STATEMENT OF WORK**

Radiological Evaluation Assistance to the Office of Nuclear Reactor Regulation Job Code Number (to be determined)

**1.0 Background**

As part of its mission to protect the public, workers, and the environment, the U.S. Nuclear Regulatory Commission's (NRC) conducts routine and special inspections. During these inspections, samples are collected to determine the radiological status and provide an independent verification of the radiological condition of the site.

In accordance with the General Design Criteria 64 of Appendix A to 10 CFR Part 50, Monitoring radioactivity releases, means shall be provided for monitoring the effluent discharge paths, and the plant environs for radioactivity that may be released from normal operations, including anticipated operational occurrences, and from postulated accidents. Also, in accordance with licensee's technical specifications, each licensee shall have a Radiological Environmental Monitoring Program (REMP) established, implemented, and maintained. The REMP, in part shall be provided to monitor the radiation and radionuclides in the environs of the plant. The REMP shall in part include (1) monitoring, sampling, analysis, and reporting of radiation and radionuclides in the environment in accordance with the methodology and parameters in the Offsite Dose Calculation Manual (ODCM) and (2) participation in an Interlaboratory Comparison Program to ensure that independent checks on the precision and accuracy of the measurements of radioactive materials in environmental sample matrices are performed as part of the quality assurance program for environmental monitoring. The 10 CFR 20.1501 requires that "each licensee shall make or cause to be made, surveys that: (1) May be necessary for the licensee to comply with the regulations; and (2) Are reasonable under the circumstances to evaluate: (i) The magnitude and extent of radiation levels; (ii) Concentrations or quantities of radioactive material; and (iii) The potential radiological hazards. These regulations, General Design Criteria, and technical specification are the basis for licensees taking and assessing environmental samples.



Occasionally during the NRC inspection process, circumstances warrant that independent measurements be made by the NRC, such as sample and analysis of various media to confirm the quality of the licensee's analytical performance, or to independently determine the presence of radioactivity in the environment. In order to accomplish the task of performing independent analysis to verify the precision and accuracy of the licensee's samples, contractor assistance is required for laboratory analysis capabilities that are otherwise not available in-house to NRC staff and to augment the NRC staff's technical expertise.

## 2.0 Objective

The objective of this contract is to provide expert technical assistance, to the NRC Headquarters and Regional Offices, by performing environmental sample radiological analysis related to non-power/power nuclear reactor inspection activities.

## 3.0 Work Requirements

The contractor shall provide all necessary qualified personnel, facilities, equipment, and supplies to perform sample analyses tasks to approximately 500 samples to support NRC Headquarters and Regional Offices.

Tasks for radiological analysis shall be initiated by the NRC Regional Offices through shipment of samples for analysis. Each sample will be accompanied by a completed NRC Form 303 (Sample analysis request and chain of custody form) and 303A (sample description information) contained in Attachment 2 and 3, that identifies the individual submitting the sample, sample identification information and the type of analysis to be preformed. The contractor shall only process the samples upon receipt of written (e-mail) approval from the Office of Nuclear Reactor Regulation (NRR) Technical Monitor (TM) or NRR Technical Assistance Project Manager (TAPM). The contractor shall perform the following tasks to support this effort.

### 3.1 Sample Collection

The contractor shall provide the following to the 4 NRC Regional Offices:

RG I	475 Allendale Road, King of Prussia, PA 19406
RGII	Marquis One Tower, 245 Peachtree Center Avenue N.E., Suite 1200, Atlanta, GA 30303
RG III	2443 Wrenville Rd., Lisle, IL 60532
RG IV	612 E. Lamar Blvd., Suite 400, Arlington, TX 76011

Sample collection containers (appropriate for the type of media collected)

Sample collection procedures and handling protocols

Tamper proof security labels

Shipping containers (appropriate for the type of samples collected), and packing material

Due: 10 business days from contract award

The contractor shall accept samples from NRC individuals (generally an NRC Regional inspector) authorized by the NRR TM. Authorized samples will be accompanied by a completed NRC Form 303 (sample analysis request and chain of custody) and 303A (sample description information) that identifies the individual submitting the sample, sample identification information, the type of analysis to be preformed.

### 3.2 Sample Analyses

As directed in writing (e-mail) by the NRR TM, the contractor shall analyze samples to include smears, soils, sediments, ground and surface water, vegetation, fish, and other potentially radiologically contaminated media using Gamma Spectroscopy, Alpha Spectroscopy, Gross Alpha/Beta, and Liquid Scintillation Counting. Types of analysis will include but are not limited to the following: Tritium, Isotopic Radium, Isotopic Strontium, Nickel-63, Iron-55, and Technetium-99.

Analysis detection capability will normally meet the Lower Limits of Detection (LLD) listed in Table 4.12-1 of NUREG-1301, Attachment 4, with the exception of the analysis for tritium which shall have a LLD of 200 pico Curies per liter. Alternative LLDs may be requested, as approved by the NRC TM, on a case-by-case basis.

Laboratory work shall be conducted in accordance with a QA program compliant with ASME-NQA-1, "Quality Assurance Program Requirements for Nuclear Facilities," or equivalent.

On occasion, samples will require emergency processing. These samples will be given priority over all other work under this contract as directed by the NRC TM.

Samples are expected to contain very low levels of radioactive materials and shall be handled and disposed of by the contractor consistent with the any applicable license requirements. Samples that the contractor is not authorized to dispose of (i.e., mixed hazardous waste) shall be returned to the site where they were collected.

#### 4.0 Deliverables

The contractor shall provide reports containing the analysis results to the NRR TAPM and TM, the inspector (NRC Form 303 originator), and other NRC staff as directed by the NRR TM.

##### **Deliverable due dates:**

Standard analysis report – 21 work days from receipt of sample

Expedited analysis report – 5 work days from receipt of sample

#### 5.0 Reporting Requirements

##### 5.1 Analysis Reports

Unless expedited sample analysis has been authorized by the NRR TAPM or TM, the contractor shall submit reports detailing the analysis results within 21 days from the receipt of the samples and accompanying Form 303. Results shall be sent to the NRC Regional inspector electronically, as soon as practical after analysis is completed. A final report shall be sent to the NRC Regional inspector and TM. For emergency sample analysis, results shall be sent to the NRC Regional inspector and the TM electronically, as soon as the analysis is completed. The final report shall be sent to the NRC inspector and TM within 5 working days of completion of analysis.

##### **Invoice Letter Status Report**

The contractor shall provide a Invoice Letter Status Report with each invoice. The report shall provide the technical and financial status of the effort and shall be submitted in a format similar to that contained in Attachment 1 to the SOW, and transmit the report electronically (by e-mail) to the following NRC staff: NRC Project Manager at [Tamera.Williams@nrc.gov](mailto:Tamera.Williams@nrc.gov) with copies to the following: NRC Technical Monitor at [Richard.Conatser@nrc.gov](mailto:Richard.Conatser@nrc.gov), and NRC Contract Specialist at [Jeffery.Mitchell@nrc.gov](mailto:Jeffery.Mitchell@nrc.gov).

The technical status section of the report shall contain a summary of the work performed under the contract during the reporting period, and milestones reached, or if missed, an explanation why; any problems or delays encountered or anticipated with the recommendations for resolution and plans for the next reporting period.

The financial status section of the report shall include the total contract award amount and funds obligated to date; total costs incurred in the reporting period, broken down by direct and indirect costs, and total cumulative costs incurred to date. The status shall also contain the balance of obligations remaining at the end of the period and balance of funds required to complete the contract/task order.

If the data in this report indicates a need for additional funding beyond that already obligated, this information may only be used as support to the official request for funding required in accordance with the Limitation of Cost (LOC) Clause (FAR 52.232-20) or the Limitation of Funds (LOF) Clause FAR 52.232-22.

### **Licensee Fee Recovery Cost Status Report**

Pursuant to the provisions on fees of 10 CFR Parts 170 and 171, provide the total amount of funds costed during the period and cumulative to date for each task/task order by facility. The Licensee Fee Recovery Status Report must be on a separate page, as a part of the invoice status report, in the format provided in Attachment 1.

There should be only one Licensee Fee Recovery Cost Status (LFRCS) table per contract each monthly. Unit numbers, for example, Beaver Valley 2, should be identified for each facility included in each table, the facilities should be sorted by docket number, and costs should be reported as whole numbers rounded to the nearest dollar. For work that involves more than one unit at the same site, each unit should be listed separately and the costs should be split appropriately between the units. Common costs, as defined below, must be identified separately in the LFRCS table each month and must be divided among all plants worked on under the program during the month. The total of the period costs reported in the LFRCS table should equal the total of the period costs reported in the Financial Status report. In the event the totals of the costs reported in these two tables are not equal, an explanation for the variance should be given as a footnote to the LFRCS tables.

A common cost are those costs associated with the performance of an overall program that benefit all similar licensees covered under that program or that are required to satisfactorily carry out the program. Common costs include costs associated with the following: preparatory or startup efforts to interpret and reach agreement on methodology, approach, acceptance criteria, regulatory position, or technical reporting requirements; efforts associated with the lead-plant concept that might be involved during the first one or two plant reviews; meetings and discussions involving the above efforts to provide orientation, background knowledge, or guidance during the course of a program; any technical effort applied to a category of plants; and project management.

## **5.2 Review and Approval of Reports**

**(a) Reporting Requirements.** The contractor shall comply with the terms and conditions of the contract regarding the contents of the draft and final report, summaries, data, and related documents, to include correcting, deleting, editing, revising, modifying, formatting, and supplementing any of the information contained therein, at no additional cost to the NRC. Performance under this agreement will not be deemed accepted or completed until it complies with the NRC's directions. The reports, summaries, data, and related documents will be considered draft until approved by the NRC. The contractor agrees that the direction, determinations, and decisions on approval or disapproval of reports, summaries, data, and related documents created under this agreement remain solely within the discretion of the NRC.

(b) Publication of Results. Prior to any dissemination, display, publication, or release of articles, reports, summaries, data, or related documents developed under the contract, the contractor shall submit them to the NRC TM and PO for review and approval. The contractor shall not release, disseminate, display or publish articles, reports, summaries, data, and related documents, or the contents therein, that have not been reviewed and approved by the NRC for release, display, dissemination or publication. The contractor agrees to conspicuously place any disclaimers, markings or notices, directed by the NRC, on any articles, reports, summaries, data, and related documents that the contractor intends to release, display, disseminate or publish to other persons, the public, or any other entities. The contractor agrees, and grants, a royalty-free, nonexclusive, irrevocable worldwide license to the government, to use, reproduce, modify, distribute, prepare derivative works, release, display or disclose the articles, reports, summaries, data, and related documents developed under this agreement, for any governmental purpose and to have or authorize others to do so.

(c) Remedies. In addition to any civil, criminal, and contractual remedies available under the applicable laws and regulations, failure to comply with the above provisions, and/or NRC directions, may result in suspension, withholding, or offsetting of any payments invoiced or claimed by the contractor. If the contractor intends to enter into any subcontracts or other agreements to perform this work, the contractor shall include all of the above provisions in any subcontracts or agreements.

#### 6.0 Required Expertise

Scientific, technical, and/or other personnel assigned to this contract shall have extensive expertise in radiochemistry in the following areas: 1) sample preparation, collection methods, analysis techniques, and interpretation of sample data; and 2) technical knowledge and operational use of laboratory (i.e., gas-proportional counters, liquid scintillation counters, gamma and alpha spectroscopy, and radiochemical separations) instrumentation.

#### 7.0 Quality Assurance

The contractor shall develop and submit to NRC for review a quality assurance (QA) program plan for work to be performed under the agreement or shall indicate that an approved QA plan shall be applied to all work under this agreement. QA comprises all planned and systematic activities necessary to provide adequate confidence that work has been satisfactorily performed.

The contractor shall ensure that all draft and final reports delivered under this agreement undergo an independent review and verification of all numerical computations, mathematical equations, and derivations are performed by qualified personnel other than the original author(s) of the report. If the contractor proposes to verify less than 100 percent of all computations, mathematical equations, and/or derivations in the report (such as might be the case when there are a large number of routine and repetitive calculations), approval must be obtained from the NRR TM. Computer generated calculations shall generally not require verification where the computer program has already been verified. The NRR TM has the option of auditing all documentation including project correspondence, drafts, calculations, and unrefined data. If an approved final report is revised, a section must be included in the revised report to document the dates of, reasons for, and scope of all changes made since the issuance of the initial approved final report.

#### 8.0 Meetings and Travel

No travel is anticipated with this project.

## 9.0 Performance Requirements

The deliverables required under this effort must conform to the standards contained or referenced in the SOW. The table (Attachment 5) on performance requirements summarizes the performance requirements, deliverables, acceptable standards, surveillance method, incentives, and deductions applicable to this effort.

**SECTION C - CONTRACT CLAUSES****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.1 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.2 2052.209-72 CONTRACTOR ORGANIZATIONAL CONFLICTS OF INTEREST (JAN 1993)**

(a) Purpose. The primary purpose of this clause is to aid in ensuring that the contractor:

(1) Is not placed in a conflicting role because of current or planned interests (financial, contractual, organizational, or otherwise) which relate to the work under this contract; and

(2) Does not obtain an unfair competitive advantage over other parties by virtue of its performance of this contract.

(b) Scope. The restrictions described apply to performance or participation by the contractor, as defined in 48 CFR 2009.570-2 in the activities covered by this clause.

(c) Work for others.

(1) Notwithstanding any other provision of this contract, during the term of this contract, the contractor agrees to forego entering into consulting or other contractual arrangements with any firm or organization the result of which may give rise to a conflict of interest with respect to the work being performed under this contract. The contractor shall ensure that all employees under this contract abide by the provision of this clause. If the contractor has reason to believe, with respect to itself or any employee, that any proposed consultant or other contractual arrangement with any firm or organization may involve a potential conflict of interest, the contractor shall obtain the written approval of the contracting officer before the execution of such contractual arrangement.

(2) The contractor may not represent, assist, or otherwise support an NRC licensee or applicant undergoing an NRC audit, inspection, or review where the activities that are the subject of the audit, inspection, or review are the same as or substantially similar to the services within the scope of this contract (or task order as appropriate) except where the NRC licensee or applicant requires the contractor's support to explain or defend the contractor's prior work for the utility or other entity which NRC questions.

(3) When the contractor performs work for the NRC under this contract at any NRC licensee or applicant site, the contractor shall neither solicit nor perform work in the same or similar technical area for that licensee or applicant organization for a period commencing with the award of the task order or beginning of work on the site (if not a task order contract) and ending one year after completion of all work under the associated task order, or last time at the site (if not a task order contract).

(4) When the contractor performs work for the NRC under this contract at any NRC licensee or applicant site,

(i) The contractor may not solicit work at that site for that licensee or applicant during the period of performance of the task order or the contract, as appropriate.

(ii) The contractor may not perform work at that site for that licensee or applicant during the period of performance of the task order or the contract, as appropriate, and for one year thereafter.

(iii) Notwithstanding the foregoing, the contracting officer may authorize the contractor to solicit or perform this type of work (except work in the same or similar technical area) if the contracting officer determines that the situation will not pose a potential for technical bias or unfair competitive advantage.

(d) Disclosure after award.

(1) The contractor warrants that to the best of its knowledge and belief, and except as otherwise set forth in this contract, that it does not have any organizational conflicts of interest as defined in 48 CFR 2009.570-2.



(2) The contractor agrees that if, after award, it discovers organizational conflicts of interest with respect to this contract, it shall make an immediate and full disclosure in writing to the contracting officer. This statement must include a description of the action which the contractor has taken or proposes to take to avoid or mitigate such conflicts. The NRC may, however, terminate the contract if termination is in the best interest of the Government.

(3) It is recognized that the scope of work of a task-order-type contract necessarily encompasses a broad spectrum of activities. Consequently, if this is a task-order-type contract, the contractor agrees that it will disclose all proposed new work involving NRC licensees or applicants which comes within the scope of work of the underlying contract. Further, if this contract involves work at a licensee or applicant site, the contractor agrees to exercise diligence to discover and disclose any new work at that licensee or applicant site. This disclosure must be made before the submission of a bid or proposal to the utility or other regulated entity and must be received by the NRC at least 15 days before the proposed award date in any event, unless a written justification demonstrating urgency and due diligence to discover and disclose is provided by the contractor and approved by the contracting officer. The disclosure must include the statement of work, the dollar value of the proposed contract, and any other documents that are needed to fully describe the proposed work for the regulated utility or other regulated entity. NRC may deny approval of the disclosed work only when the NRC has issued a task order which includes the technical area and, if site-specific, the site, or has plans to issue a task order which includes the technical area and, if site-specific, the site, or when the work violates paragraphs (c)(2), (c)(3) or (c)(4) of this section.

(e) Access to and use of information.

(1) If in the performance of this contract, the contractor obtains access to information, such as NRC plans, policies, reports, studies, financial plans, internal data protected by the Privacy Act of 1974 (5 U.S.C. Section 552a (1988)), or the Freedom of Information Act (5 U.S.C. Section 552 (1986)), the contractor agrees not to:

(i) Use this information for any private purpose until the information has been released to the public;

(ii) Compete for work for the Commission based on the information for a period of six months after either the completion of this contract or the release of the information to the public, whichever is first;

(iii) Submit an unsolicited proposal to the Government based on the information until one year after the release of the information to the public; or

(iv) Release the information without prior written approval by the contracting officer unless the information has previously been released to the public by the NRC.

(2) In addition, the contractor agrees that, to the extent it receives or is given access to proprietary data, data protected by the Privacy Act of 1974 (5 U.S.C. Section 552a (1988)), or the Freedom of Information Act (5 U.S.C. Section 552 (1986)), or other confidential or privileged technical, business, or financial information under this contract, the contractor shall treat the information in accordance with restrictions placed on use of the information.

(3) Subject to patent and security provisions of this contract, the contractor shall have the right to use technical data it produces under this contract for private purposes provided that all requirements of this contract have been met.

(f) Subcontracts. Except as provided in 48 CFR 2009.570-2, the contractor shall include this clause, including this paragraph, in subcontracts of any tier. The terms contract, contractor, and contracting officer, must be appropriately modified to preserve the Government's rights.

(g) Remedies. For breach of any of the above restrictions, or for intentional nondisclosure or misrepresentation of any relevant interest required to be disclosed concerning this contract or for such erroneous representations that necessarily imply bad faith, the Government may terminate the contract for default, disqualify the contractor from subsequent contractual efforts, and pursue other remedies permitted by law or this contract.

(h) Waiver. A request for waiver under this clause must be directed in writing to the contracting officer in accordance with the procedures outlined in 48 CFR 2009.570-9.

(i) Follow-on effort. The contractor shall be ineligible to participate in NRC contracts, subcontracts, or proposals therefor (solicited or unsolicited), which stem directly from the contractor's performance of work under this contract. Furthermore, unless so directed in writing by the contracting officer, the contractor may not perform any technical consulting or management support services work or evaluation activities under this contract on any of its products or services or the products or services of another firm if the contractor has been substantially involved in the development or marketing of the products or services.

(1) If the contractor, under this contract, prepares a complete or essentially complete statement of work or specifications, the contractor is not eligible to perform or participate in the initial contractual effort which is based on the statement of work or specifications. The contractor may not incorporate its products or services in the statement of work or specifications unless so directed in writing by the contracting officer, in which case the restrictions in this paragraph do not apply.

(2) Nothing in this paragraph precludes the contractor from offering or selling its standard commercial items to the Government.

### **C.3 SUPPLEMENT TO NRCAR 2052.209-72, CONTRACTOR ORGANIZATIONAL CONFLICTS OF INTEREST**

(1) Notwithstanding any inconsistent provision of this contract, the NRC agrees that the activities as expressly stated in Section B.4 "Statement of Work," of the Basic contract constitute non-Atomic Energy Act Section 170A, activities (e.g., sampling, data collection, delivery to NRC of solely raw data results) to which the provisions of 2052.209-72 [c](2)(3) and (4) and [d] are not applicable given that no technical interpretations, analyses, recommendations or conclusions are required.

(2) The Parties intend that this Supplement shall govern all activities identified in Section B.4 of the Basic contract. Accordingly, should this Supplement or any portion thereof, be deemed inconsistent with NRCAR Clause 2052.209-72, this Supplement shall prevail. The Parties agree that should the Parties change or alter Section B.4 via contract modification to include technical interpretations, analyses, recommendations or conclusions, this Supplement shall no longer be operative and 2052.209-72 shall govern.

### **C.4 2052.215-71 PROJECT OFFICER AUTHORITY (NOVEMBER 2006)**

(a) The contracting officer's authorized representative (hereinafter referred to as the project officer) for this contract is:

Name: Tamera Williams

Address: Mail Stop: O13F-M15  
11555 Rockville Pike  
Rockville, MD 20852

Telephone Number: 301-415-3677

(b) Performance of the work under this contract is subject to the technical direction of the NRC project officer. The term "technical direction" is defined to include the following:

(1) Technical direction to the contractor which shifts work emphasis between areas of work or tasks, authorizes travel which was unanticipated in the Schedule (i.e., travel not contemplated in the Statement of Work (SOW) or

changes to specific travel identified in the SOW), fills in details, or otherwise serves to accomplish the contractual SOW.

(2) Provide advice and guidance to the contractor in the preparation of drawings, specifications, or technical portions of the work description.

(3) Review and, where required by the contract, approval of technical reports, drawings, specifications, and technical information to be delivered by the contractor to the Government under the contract.

(c) Technical direction must be within the general statement of work stated in the contract. The project officer does not have the authority to and may not issue any technical direction which:

(1) Constitutes an assignment of work outside the general scope of the contract.

(2) Constitutes a change as defined in the "Changes" clause of this contract.

(3) In any way causes an increase or decrease in the total estimated contract cost, the fixed fee, if any, or the time required for contract performance.

(4) Changes any of the expressed terms, conditions, or specifications of the contract.

(5) Terminates the contract, settles any claim or dispute arising under the contract, or issues any unilateral directive whatever.

(d) All technical directions must be issued in writing by the project officer or must be confirmed by the project officer in writing within ten (10) working days after verbal issuance. A copy of the written direction must be furnished to the contracting officer. A copy of NRC Form 445, Request for Approval of Official Foreign Travel, which has received final approval from the NRC must be furnished to the contracting officer.

(e) The contractor shall proceed promptly with the performance of technical directions duly issued by the project officer in the manner prescribed by this clause and within the project officer's authority under the provisions of this clause.

(f) If, in the opinion of the contractor, any instruction or direction issued by the project officer is within one of the categories as defined in paragraph (c) of this section, the contractor may not proceed but shall notify the contracting officer in writing within five (5) working days after the receipt of any instruction or direction and shall request the contracting officer to modify the contract accordingly. Upon receiving the notification from the contractor, the contracting officer shall issue an appropriate contract modification or advise the contractor in writing that, in the contracting officer's opinion, the technical direction is within the scope of this article and does not constitute a change under the "Changes" clause.

(g) Any unauthorized commitment or direction issued by the project officer may result in an unnecessary delay in the contractor's performance and may even result in the contractor expending funds for unallowable costs under the contract.

(h) A failure of the parties to agree upon the nature of the instruction or direction or upon the contract action to be taken with respect thereto is subject to 52.233-1 -Disputes.

(i) In addition to providing technical direction as defined in paragraph (b) of the section, the project officer shall:

(1) Monitor the contractor's technical progress, including surveillance and assessment of performance, and recommend to the contracting officer changes in requirements.

(2) Assist the contractor in the resolution of technical problems encountered during performance.

(3) Review all costs requested for reimbursement by the contractor and submit to the contracting officer recommendations for approval, disapproval, or suspension of payment for supplies and services required under this contract.

(4) Assist the contractor in obtaining the badges for the contractor personnel.

(5) Immediately notify the Security Branch, Division of Facilities and Security (SB/DFS) (via e-mail) when a contractor employee no longer requires access authorization and return of any NRC issued badge to SB/DFS within three days after their termination.

(6) Ensure that all contractor employees that require 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 IT systems or data, unescorted access to NRC controlled buildings/space, or unescorted access to protected and vital areas of nuclear power plants receive approval of SB/DFS prior to access in accordance with Management Directive and Handbook 12.3.

(7) For contracts for the design, development, maintenance or operation of Privacy Act Systems of Records, obtain from the contractor as part of closeout procedures, written certification that the contractor has returned to NRC, transferred to the successor contractor, or destroyed at the end of the contract in accordance with instructions provided by the NRC Systems Manager for Privacy Act Systems of Records; all records (electronic or paper) which were created, compiled, obtained or maintained under the contract.

#### **C.5 2052.235-70 PUBLICATION OF RESEARCH RESULTS (OCT 1999)**

(a) The principal investigator(s)/contractor shall comply with the provisions of NRC Management Directive 3.8 (Vol. 3, Part 1) and NRC Handbook 3.8 (Parts I-IV) regarding publication in refereed scientific and engineering journals or dissemination to the public of any information, oral or written, concerning the work performed under this contract. Failure to comply with this clause shall be grounds for termination of this contract.

(b) The principal investigator(s)/contractor may publish the results of this work in refereed scientific and engineering journals or in open literature and present papers at public or association meetings at interim stages of work, in addition to submitting to NRC the final reports and other deliverables required under this contract. However, such publication and papers shall focus on advances in science and technology and minimize conclusions and/or recommendations which may have regulatory implications.

(c) The principal investigator(s) shall coordinate all such publications with, and transmit a copy of the proposed article or paper to, the NRC Contracting Officer or Project Officer, prior to publication. The NRC agrees to review and provide comments within thirty (30) days after receipt of a proposed publication. However, in those cases where the information to be published is (1) subject to Commission approval, (2) has not been ruled upon, or (3) disapproved by the Commission, the NRC reserves the right to disapprove or delay the publication. Further, if the NRC disagrees with the proposed publication for any reason, it reserves the right to require that any publication not identify the NRC's sponsorship of the work and that any associated publication costs shall be borne by the contractor.

#### **C.6 52.216-18 ORDERING (OCT 1995)**

(a) Any supplies and services to be furnished under this contract shall be ordered by issuance of delivery orders or task orders by the individuals or activities designated in the Schedule. Such orders may be issued from day of contract award through date of expiration.

(b) All delivery orders or task orders are subject to the terms and conditions of this contract. In the event of conflict between a delivery order or task order and this contract, the contract shall control.

(c) If mailed, a delivery order or task order is considered "issued" when the Government deposits the order in the mail. Orders may be issued orally, by facsimile, or by electronic commerce methods only if authorized in the Schedule.

#### **C.7 52.216-19 ORDER LIMITATIONS (OCT 1995)**

(a) Minimum order. When the Government requires supplies or services covered by this contract in an amount of less than \$100.00, the Government is not obligated to purchase, nor is the Contractor obligated to furnish, those supplies or services under the contract.

(b) Maximum order. The Contractor is not obligated to honor--

(1) Any order for a single item in excess of N/A;

(2) Any order for a combination of items in excess of N/A; or

(3) A series of orders from the same ordering office within N/A days that together call for quantities exceeding the limitation in paragraph (b)(1) or (2) of this section.

(c) If this is a requirements contract (i.e., includes the Requirements clause at subsection 52.216-21 of the Federal Acquisition Regulation (FAR)), the Government is not required to order a part of any one requirement from the Contractor if that requirement exceeds the maximum-order limitations in paragraph (b) of this section.

(d) Notwithstanding paragraphs (b) and (c) of this section, the Contractor shall honor any order exceeding the maximum order limitations in paragraph (b), unless that order (or orders) is returned to the ordering office within 5 days after issuance, with written notice stating the Contractor's intent not to ship the item (or items) called for and the reasons. Upon receiving this notice, the Government may acquire the supplies or services from another source.

#### **C.8 52.216-21 REQUIREMENTS (OCT 1995)**

(a) This is a requirements contract for the supplies or services specified, and effective for the period stated, in the Schedule. The quantities of supplies or services specified in the Schedule are estimates only and are not purchased by this contract. Except as this contract may otherwise provide, if the Government's requirements do not result in orders in the quantities described as "estimated" or "maximum" in the Schedule, that fact shall not constitute the basis for an equitable price adjustment.

(b) Delivery or performance shall be made only as authorized by orders issued in accordance with the Ordering clause. Subject to any limitations in the Order Limitations clause or elsewhere in this contract, the Contractor shall furnish to the Government all supplies or services specified in the Schedule and called for by orders issued in accordance with the Ordering clause. The Government may issue orders requiring delivery to multiple destinations or performance at multiple locations.

(c) Except as this contract otherwise provides, the Government shall order from the Contractor all the supplies or services specified in the Schedule that are required to be purchased by the Government activity or activities specified in the Schedule.

(d) The Government is not required to purchase from the Contractor requirements in excess of any limit on total orders under this contract.

(e) If the Government urgently requires delivery of any quantity of an item before the earliest date that delivery may be specified under this contract, and if the Contractor will not accept an order providing for the accelerated delivery, the Government may acquire the urgently required goods or services from another source.

(f) Any order issued during the effective period of this contract and not completed within that period shall be completed by the Contractor within the time specified in the order. The contract shall govern the Contractor's and Government's rights and obligations with respect to that order to the same extent as if the order were completed during the contract's effective period; provided, that the Contractor shall not be required to make any deliveries under this contract after expiration.

#### **C.9 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 60 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 five (5) years.

#### **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 52.252-2 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>

52.232-18

AVAILABILITY OF FUNDS

APR 1984

(End of Addendum to 52.212-4)

## **C.12 52.212-5 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS--COMMERCIAL ITEMS (JUL 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 (APR 2010)(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 (JUN 2010) (Section 1553 of Pub. L. 111-5). (Applies to contracts funded by the American Recovery and Reinvestment Act of 2009.)

☐ (4) 52.204-10, Reporting Executive Compensation and First-Tier Subcontract Awards (JUL 2010) (Pub. L. 109-282) (31 U.S.C. 6101 note).

☐ (5) 52.204-11, American Recovery and Reinvestment Act-Reporting Requirements (JUL 2010) (Pub. L. 111-5).

☐ (6) 52.219-3, Notice of Total HUBZone Set-Aside (Jan 1999) (15 U.S.C. 657a).

☐ (7) 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).

☐ (8) [Reserved]

- ☒ (9)(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.
- ☐ (10)(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.
- ☐ (11) 52.219-8, Utilization of Small Business Concerns (May 2004) (15 U.S.C. 637(d)(2) and (3)).
- ☐ (12)(i) 52.219-9, Small Business Subcontracting Plan (JUL 2010) (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.
- ☐ (iv) Alternate III (JUL 2010) of 52.219-9.
- ☒ (13) 52.219-14, Limitations on Subcontracting (Dec 1996) (15 U.S.C. 637(a)(14)).
- ☐ (14) 52.219-16, Liquidated Damages--Subcontracting Plan (Jan 1999) (15 U.S.C. 637(d)(4)(F)(i)).
- ☐ (15)(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.
- ☐ (16) 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).
- ☐ (17) 52.219-26, Small Disadvantaged Business Participation Program--Incentive Subcontracting (Oct 2000) (Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).
- ☐ (18) 52.219-27, Notice of Total Service-Disabled Veteran-Owned Small Business Set-Aside (May 2004) (15 U.S.C. 657 f).
- ☐ (19) 52.219-28, Post Award Small Business Program Rerepresentation (APR 2009) (15 U.S.C. 632(a)(2)).
- ☒ (20) 52.222-3, Convict Labor (June 2003) (E.O. 11755).
- ☐ (21) 52.222-19, Child Labor--Cooperation with Authorities and Remedies (JUL 2010) (E.O. 13126).
- ☒ (22) 52.222-21, Prohibition of Segregated Facilities (Feb 1999).
- ☒ (23) 52.222-26, Equal Opportunity (Mar 2007) (E.O. 11246).
- ☒ (24) 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).



- ☒ (25) 52.222-36, Affirmative Action for Workers with Disabilities (Jun 1998) (29 U.S.C. 793).
- ☒ (26) 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).
- ☐ (27) 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.)
- ☐ (28)(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.)
- ☐ (29) 52.223-15, Energy Efficiency in Energy-Consuming Products (DEC 2007)(42 U.S.C. 8259b).
- ☐ (30)(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.
- ☐ (31) 52.225-1, Buy American Act--Supplies (FEB 2009) (41 U.S.C. 10a-10d).
- ☐ (32)(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.
- ☐ (33) 52.225-5, Trade Agreements (AUG 2009) (19 U.S.C. 2501, et seq., 19 U.S.C. 3301 note).
- ☒ (34) 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).
- ☐ (35) 52.226-4, Notice of Disaster or Emergency Area Set-Aside (Nov 2007) (42 U.S.C. 5150).
- ☐ (36) 52.226-5, Restrictions on Subcontracting Outside Disaster or Emergency Area (Nov 2007) (42 U.S.C. 5150).
- ☐ (37) 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)).
- ☐ (38) 52.232-30, Installment Payments for Commercial Items (Oct 1995) (41 U.S.C. 255(f), 10 U.S.C. 2307(f)).
- ☒ (39) 52.232-33, Payment by Electronic Funds Transfer--Central Contractor Registration (Oct 2003) (31 U.S.C. 3332).
- ☐ (40) 52.232-34, Payment by Electronic Funds Transfer--Other than Central Contractor Registration (May 1999) (31 U.S.C. 3332).
- ☐ (41) 52.232-36, Payment by Third Party (FEB 2010) (31 U.S.C. 3332).

[] (42) 52.239-1, Privacy or Security Safeguards (Aug 1996) (5 U.S.C. 552a).

[] (43)(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 (APR 2010) (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.13 COMPLIANCE WITH U.S. IMMIGRATION LAWS AND REGULATIONS (MAY 2002)**

NRC contractors are responsible to ensure that their alien personnel are not in violation of United States immigration laws and regulations, including employment authorization documents and visa requirements. Each alien employee of the Contractor must be lawfully admitted for permanent residence as evidenced by Permanent Resident Card Form I-551, or must present other evidence from the U.S. Department of Homeland Security/U.S. Citizenship and Immigration Services that employment will not affect his/her immigration status. The U.S. Citizenship and Immigration Services provides information to contractors to help them understand the employment eligibility verification process for non-US citizens. This information can be found on their website, [www.uscis.gov](http://www.uscis.gov).

The NRC reserves the right to deny or withdraw Contractor use or access to NRC facilities or its equipment/services, and/or take any number of contract administrative actions (e.g., disallow costs, terminate for cause) should the Contractor violate the Contractor's responsibility under this clause.

**C.14 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.15 PROHIBITION OF FUNDING TO ACORN (NOV 2009)**

In accordance with section 163 of the Continuing Appropriations Resolution, 2010, Division B of Public Law No. 111-68 (CR), until further notice, no federal funds may be provided to the Association of Community Organizations for Reform Now (ACORN), or any of its affiliates, subsidiaries, or allied organizations. Additional information can be found at: [http://www.whitehouse.gov/omb/assets/memoranda\\_2010/m10-02.pdf](http://www.whitehouse.gov/omb/assets/memoranda_2010/m10-02.pdf)

**C.16 REDUCING TEXT MESSAGING WHILE DRIVING (OCT 2009)**

(a) In accordance with Section 4 of Executive Order 13513, "Federal Leadership on Reducing Text Messaging While Driving," (October 1, 2009), the Contractor or Recipient is encouraged to:

(1) Adopt and enforce policies that ban text messaging while driving company-owned or rented vehicles or Government-owned vehicles, or while driving privately-owned vehicles when on official Government business or when performing any work for or on behalf of the Government; and

(2) Consider new rules and programs to further the policies described in (a)(1), reevaluate existing programs to prohibit text messaging while driving, and conduct education, awareness, and other outreach programs for employees

about the safety risks associated with text messaging while driving. These initiatives should encourage voluntary compliance with the text messaging policy while off duty.

(b) For purposes of complying with the Executive Order:

(1) "Texting" or "Text Messaging" means reading from or entering data into any handheld or other electronic device, including for the purpose of SMS texting, e-mailing, instant messaging, obtaining navigational information, or engaging in any other form of electronic data retrieval or electronic data communication.

(2) "Driving" means operating a motor vehicle on an active roadway with the motor running, including while temporarily stationary because of traffic, a traffic light or stop sign, or otherwise. It does not include operating a motor vehicle with or without the motor running when one has pulled over to the side of, or off, an active roadway and has halted in a location where one can safely remain stationary.

(c) The Contractor or Recipient shall encourage its subcontractor(s) or sub-recipient(s) to adopt and enforce the policies and initiatives described in this clause.

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

ATTACHMENT NO. 1	Invoice Status Report Format
ATTACHMENT NO. 2	NRC Form 303
ATTACHMENT NO. 3	NRC Form 303A
ATTACHMENT NO. 4	NUREG-1301 Table 4.12-1
ATTACHMENT NO. 5	Performance Requirements
ATTACHMENT NO. 6	Billing Instructions Fixed Price
ATTACHMENT NO. 7	Billing Instructions Labor Hour
ATTACHMENT NO. 8	Organizational Conflict of Interest

**Invoice Status Report for the Period of .....**  
**Under Contract No. NRC-HQ-11-C-03-0014**

### **A. Work Order Identification and Financial Summary Information**

<u>Contract/Agreement Number</u>	<u>JCN Number</u>	<u>Task/Work Order Number</u>
	J-	n/a or number

Project Title:

Contract Project Manager:

NRC Technical Monitor: XXXXXX (301) 415-xxxx

NRC Project Manager: XXXXXX (301) 415-xxxx

Total Award Amount:

Funds Obligated to Date:

Total Costs Incurred This Reporting Period Direct:

Total Costs Incurred This Reporting Period

Indirect:

Cumulative Costs to Date:

Percent Expended (Cum Cost/Obligated):

Balance of Obligated Funds Remaining:

**Balance of Fund Required for Completion:**

Period of Performance:

## Spending Plan

	10/08	11/08	12/08	01/09	02/09	03/09	04/09	05/09	06/09	07/09	08/09	09/09	10/09	11/09	12/09	Total
Planned	Xx												-	-	-	
Revised Plan	Xxx												-	-	-	
Actual	Xx												-	-	-	

#### **B. Efforts Completed/Schedule Milestone Information**

Task Sample	Description	Planned Completion Date	Revised Completion Date	Actual Completion Date
1	xxx	09/30/2009		
2				

**C. Work Performed**

Work under this contract/task order is XX percent complete.

**D. Problem/Resolution****E. Travel for This Period**

Name	Start Date	End Date	Destination

**F. Plans for Next Period****G. Staff Hour Summary**

Subtask	Staff Assigned	Hours Budgeted	Hours Expended	Task Status
1	V. Jones	100	50	100% Completed
	A. Smith		50	
2	H. Henry	120	25	25% complete
	R. Adams		0	

**LICENSE FEE RECOVERY COST STATUS**

Work Order	Facility Name and Unit	Docket Number	Identification (TAC) Number	Costs	
				Period	Cumulative

**Common Costs**

\_\_\_ No license fee recoverable costs were incurred during the reporting period.



NRC FORM 303  
(1-2007)

U.S. NUCLEAR REGULATORY COMMISSION

LABORATORY USE ONLY

REQUEST FOR ANALYSIS AND  
CHAIN OF CUSTODYLABORATORY - ☐ ORISE ☐ OTHER

(Specify)

CONTROL NUMBER

SAMPLE LOCATION (LICENSEE)

INSPECTION NO.

LICENSE NO.

DOCKET NO.

## SAMPLE SUBMITTED

# TOTAL	TYPE	VOLUME	WEIGHT	DATE SAMPLES SUBMITTED	PRIORITY
					<input type="checkbox"/> ROUTINE <input type="checkbox"/> URGENT
INSPECTOR RESPONSIBLE				TELEPHONE NUMBER	

## SAMPLE COLLECTION INTERVAL

MONTH DAY YEAR TIME

START

STOP

## ANALYSIS TO BE PERFORMED

LIST DESIRED  
LLD (Optional)

OTHER TYPE OF ANALYSIS (Specify)

LIST DESIRED  
LLD (Optional)☐ GROSS ALPHA (GA)☐ GROSS BETA (GB)☐ GAMMA SPEC (GS)☐ TRITIUM (H3)☐ CARBON-14 (C14)☐ IODINE-125 (I125)

RELINQUISHED BY

RECEIVED BY

DATE

TIME

REASON FOR CHANGE OF CUSTODY

FEE RECOVERABLE

☐

YES

☐

NO

TAC NUMBER

(If Assigned)

REMARKS

NOTE: SAMPLES WILL BE DISCARDED AFTER ANALYSIS UNLESS REASONS ARE NOTED IN REMARKS ABOVE.



TABLE 4.12-1

DETECTION CAPABILITIES FOR ENVIRONMENTAL SAMPLE ANALYSIS<sup>(1) (2)</sup>

LOWER LIMIT OF DETECTION (LLD)<sup>(3)</sup>

ANALYSIS	WATER (pCi/l)	AIRBORNE PARTICULATE OR GASES (pCi/m <sup>3</sup> )	FISH (pCi/kg, wet)	MILK (pCi/l)	FOOD PRODUCTS (pCi/kg, wet)	SEDIMENT (pCi/kg, dry)
Gross Beta	4	0.01				
H-3	2000*—200					
Mn-54	15		130			
Fe-59	30		260			
Co-58,60	15		130			
Zn-65	30		260			
Zr-Nb-95	15					
I-131	1**	0.07		1	60	
Cs-134	15	0.05	130	15	60	150
Cs-137	18	0.06	150	18	80	180
Ba-La-140	15			15		

\*If no drinking water pathway exists, a value of 3000 pCi/l may be used.

\*\* If no drinking water pathway exists, a value of 15 pCi/l may be used.

GE-SREC

[68]

TABLE 4.12-1 (Continued)

TABLE NOTATIONS

- (1) This list does not mean that only these nuclides are to be considered. Other peaks that are identifiable, together with those of the above nuclides, shall also be analyzed and reported in the Annual Radiological Environmental Operating Report pursuant to Control 6.9.1.3.
- (2) Required detection capabilities for thermoluminescent dosimeters used for environmental measurements shall be in accordance with the recommendations of Regulatory Guide 4.13.
- (3) The LLD is defined, for purposes of these controls, as the smallest concentration of radioactive material in a sample that will yield a net count, above system background, that will be detected with 95% probability with only 5% probability of falsely concluding that a blank observation represents a "real" signal.

For a particular measurement system, which may include radiochemical separation:

$$LLD = \frac{4.66 s_b}{E \cdot V \cdot 2.22 \cdot Y \cdot \exp(-\lambda \Delta t)}$$

Where:

LLD = the "a priori" lower limit of detection (picoCuries per unit mass or volume),

$s_b$  = the standard deviation of the background counting rate or of the counting rate of a blank sample as appropriate (counts per minute),

E = the counting efficiency (counts per disintegration),

V = the sample size (units of mass or volume),

2.22 = the number of disintegrations per minute per picoCurie,

Y = the fractional radiochemical yield, when applicable,

$\lambda$  = the radioactive decay constant for the particular radionuclide ( $\text{sec}^{-1}$ ), and

$\Delta t$  = the elapsed time between environmental collection, or end of the sample collection period, and time of counting (sec).

Typical values of E, V, Y, and  $\Delta t$  should be used in the calculation.

**NRC-HQ-11-C-03-0014**  
**Attachment No. 5**

**Performance Requirements Summary and Quality Assurance Surveillance Plan**

<b>Performance Requirement and Deliverables</b>	<b>Standard</b>	<b>Method of Review (Surveillance Plan)</b>	<b>Incentives/ Deduction</b>
<b>Task 3.1</b>  <b>Sample Collection Containers &amp; Procedures</b>	Sample collection containers are shipped within 10 days of receipt of Regional addresses	Technical Monitor will provide Regional addresses and confirm receipt by Regional Offices	Full payment for 100% compliance  No expedited rate shall be paid/charged if late receipt of containers impacts sample processing lead time
<b>Task 3.2</b>  <b>Sample Analyses</b>	Samples analyses is completed within the requested timeframe 100% on-time  All sample processing receives QA and results in accurate analyses	Technical Monitor will track compliance monthly  Contractor shall indicate in monthly reports if QA was performed for all samples  NRC may use an alternate source to QA a random sample from a lot/batch sent to the Contractor	Full payment for 100% compliance  A 5% deduction will be taken for each analysis received up to 3 days after the requested due date  A 10% deduction will be taken for each analysis received more than 3 days after the requested date  A 100% deduction will be taken for any sample analysis determined to be flawed or erroneous
<b>Task 4</b>  <b>Analysis Reports</b>	Standard Analysis reports are received – 95% on time  Expedited Analysis reports are received 95% on time	Technical Monitor will track compliance monthly	Full payment for compliance  A 5% deduction will be taken for each report (below 95%) received after the requested due date

BILLING INSTRUCTIONS FOR  
FIXED PRICE CONTRACTS (October 2003)

General: The contractor is responsible during performance and through final payment of this contract for the accuracy and completeness of the 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 or invoices as prescribed herein. FAILURE TO SUBMIT VOUCHERS/INVOICES IN ACCORDANCE WITH THESE INSTRUCTIONS WILL RESULT IN REJECTION OF THE VOUCHER/INVOICES AS IMPROPER.

Form: Claims shall be submitted on the payee's letterhead, voucher/invoices, 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." These forms are available from the U.S. Government Printing Office, 710 North Capitol Street, Washington, DC 20401.

Number of Copies: One original.

Designated Agency Billing Office: Vouchers/Invoices shall be submitted to the following address:

Department of Interior  
National Business Center  
Attn: Fiscal Services Branch – D2770  
7301 W. Mansfield Avenue  
Denver, CO 80325-2230  
Electronic E-Mail Submission: [NRCPayments@nbc.gov](mailto:NRCPayments@nbc.gov)

A copy of any invoice which includes a purchase of property valued at the time of purchase at \$5000 or more, shall additionally be sent to:

NRC Property Management Officer  
Administrative Services Center  
Mail Stop - T-7-D-27  
Washington, DC 20555-0001

HAND-DELIVERY OF VOUCHERS/INVOICES IS DISCOURAGED AND WILL NOT EXPEDITE PROCESSING BY THE NRC. However, should you choose to deliver vouchers/invoices by hand, including delivery by any express mail service or special delivery service which uses a courier or other person to deliver the vouchers/invoices in person to the NRC, such vouchers/invoices must be addressed to the above Designated Agency Billing Office and will only be accepted at the following location:

U.S. Nuclear Regulatory Commission  
One White Flint North - Mail Room  
11555 Rockville Pike  
Rockville, MD 20852

HAND-CARRIED SUBMISSIONS WILL NOT BE ACCEPTED AT OTHER THAN THE ABOVE ADDRESS

Note that the official receipt date for hand-delivered vouchers/invoices will be the date it is received by the official agency billing office in the Division of Contracts.

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

Frequency: The contractor shall submit a voucher or invoice only after the NRC's final acceptance of services rendered or products delivered in performance of the contract unless otherwise specified in the contract.

Preparation and Itemization of the Voucher/Invoice: The voucher/invoice shall be prepared in ink or by typewriter (without strike-overs). Corrections or erasures must be initialed. To be considered a proper voucher/invoice, all of the following elements must be included:

1. Contractor's Data Universal Number (DUNS) or DUNS+4 number that identifies the contractor's name and address. The DUNS+4 number is the DUNS number plus a 4-character suffix that may be assigned at the discretion of the contractor to identify alternative Electronic Funds Transfer (EFT) accounts for the same parent concern.
2. Contract number.
3. Sequential voucher/invoice number.
4. Date of voucher/invoice.
5. Payee's name and address. Show the name of the Payee as it appears in the contract and its correct address. If the Payee assigns the proceeds of this contract as provided for in the assignment of claims terms of this contract, the Payee shall require as a condition of any such assignment, that the assignee shall register separately in the Central Contractor Registration (CCR) database at <http://www.ccr.gov> and shall be paid by EFT in accordance with the terms of this contract. See Federal Acquisition Regulation 52.232-33(g) Payment by Electronic Funds Transfer - Central Contractor Registration (October 2003).
6. Description of articles or services, quantity, unit price, and total amount.
7. For contractor acquired property list each item purchased costing \$50,000 or more and having a life expectancy of more than 1 year and provide: (1) an item description, (2) manufacturer, (3) model number, (4) serial number, (5) acquisition cost, (6) date of purchase, and (7) a copy of the purchasing document.
8. Weight and zone of shipment, if shipped by parcel post.
9. Charges for freight or express shipments. Attach prepaid bill if shipped by freight or express.
10. Instructions to consignee to notify the Contracting Officer of receipt of shipment.
11. For Indefinite Delivery contracts or contracts under which progress payments are authorized, the final voucher/invoice 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.

ATTACHMENT 7

**BILLING INSTRUCTIONS FOR  
LABOR HOUR TYPE CONTRACTS**

General: The contractor shall prepare vouchers/invoices for reimbursement of costs in the manner and format described herein or a similar format. **FAILURE TO SUBMIT VOUCHERS/INVOICES IN ACCORDANCE WITH THESE INSTRUCTIONS WILL RESULT IN REJECTION OF THE VOUCHER/INVOICE AS IMPROPER.**

Number of Copies: An original, including supporting documentation shall be submitted. A copy of all supporting documents must be attached to each copy of your voucher/invoice.

Designated Agency Billing Office: Vouchers/invoices shall be submitted to the following address:

Department of Interior  
National Business Center  
Attn: Fiscal Services Branch – D2770  
7301 W. Mansfield Avenue  
Denver, CO 80325-2230  
Electronic E-Mail Submission: [NRCPayments@nbc.gov](mailto:NRCPayments@nbc.gov)

HAND DELIVERY OF VOUCHERS/INVOICES IS DISCOURAGED AND WILL NOT EXPEDITE PROCESSING BY NRC. However, should you choose to deliver vouchers/invoices by hand, including delivery by any express mail services or special delivery services which use a courier or other person to deliver the voucher/invoice in person to the NRC, such vouchers/invoices must be addressed to the above Designated Agency Billing Office and will only be accepted at the following location:

U.S. Nuclear Regulatory Commission  
One White Flint North  
11555 Rockville Pike - Mail Room  
Rockville, MD 20852

HAND-CARRIED SUBMISSIONS WILL NOT BE ACCEPTED AT OTHER THAN THE ABOVE ADDRESS.

Note that the official receipt date for hand-delivered vouchers/invoices will be the date it is received by the official agency billing office in the Division of Contracts and Property Management.



Billing Instructions  
Page 2 of 2

Agency Payment Office: Payment will be made by the following office:

Department of Interior  
National Business Center  
Attn: Fiscal Services Branch – D2770  
7301 W. Mansfield Avenue  
Denver, CO 80325-2230  
Electronic E-Mail Submission: [NRCPayments@nbc.gov](mailto:NRCPayments@nbc.gov)

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

Format: Claims should be submitted in the format depicted on the attached sample form entitled "Voucher/Invoice for Purchases and Services Other Than Personal" (see Attachment ) or a similar format. **THE SAMPLE FORMAT IS PROVIDED FOR GUIDANCE ONLY AND IS NOT REQUIRED FOR SUBMISSION OF A VOUCHER/INVOICE. ALTERNATE FORMATS ARE PERMISSIBLE PROVIDED ALL REQUIREMENTS OF THE BILLING INSTRUCTIONS ARE ADDRESSED.**

Billing of Costs After Expiration of Contract/Purchase Order: If the costs are incurred during the purchase order period and claimed after the purchase order has expired, the period during which these costs were incurred must be cited. To be considered a proper voucher/invoice, the contractor shall clearly mark it "EXPIRATION VOUCHER" OR "EXPIRATION INVOICE".

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

**ATTACHMENT**

**INVOICE/VOUCHER FOR PURCHASES  
AND  
SERVICES OTHER THAN PERSONAL  
  
(SAMPLE FORMAT - COVER SHEET)**

Official Agency Billing Office  
U.S. Nuclear Regulatory Commission  
Division of Contracts and Property  
Management MS: T-7-I2  
Washington, DC 20555-0001

(a) Purchase Order No: \_\_\_\_\_  
(b) Voucher/Invoice No: \_\_\_\_\_  
(c) Date of Voucher/Invoice: \_\_\_\_\_

Payee's Name and Address

(d) Individual to Contact Regarding Voucher/Invoice  
Name: \_\_\_\_\_  
Telephone No: \_\_\_\_\_

(e) This voucher/invoice represents reimbursable costs for the billing period  
\_\_\_\_\_ to \_\_\_\_\_.

	<u>Current Period</u>	<u>Amount Billed</u> <u>Cumulative</u>
(f) <u>Direct Costs:</u>		
(1) Direct Labor*	\$ _____	\$ _____
(2) Travel*	\$ _____	\$ _____
Total Direct Costs:	\$ _____	\$ _____

\* The contractor shall submit as an attachment to its invoice/voucher cover sheet a listing of labor categories, hours billed, fixed hourly rates, total dollars, and cumulative hours billed to date under each labor category, authorized under the purchase order for each of the three activities to be performed under the purchase order. In addition, the contractor shall include travel costs incurred with the required supporting documentation, as well as, the cumulative total of travel costs billed to date by activity.

## **Subpart 2009.5 Organizational Conflicts of Interest**

### **§2009.500 Scope of subpart.**

In accordance with 42 U.S.C. 2210a., NRC acquisitions are processed in accordance with §2009.570, which takes precedence over FAR 9.5 with respect to organizational conflicts of interest. Where non-conflicting guidance appears in FAR 9.5, that guidance must be followed.

### **§2009.570 NRC organizational conflicts of interest.**

#### **§2009.570-1 Scope of policy.**

(a) It is the policy of NRC to avoid, eliminate, or neutralize contractor organizational conflicts of interest. The NRC achieves this objective by requiring all prospective contractors to submit information describing relationships, if any, with organizations or persons (including those regulated by the NRC) which may give rise to actual or potential conflicts of interest in the event of contract award.

(b) Contractor conflict of interest determinations cannot be made automatically or routinely. The application of sound judgment on virtually a case-by-case basis is necessary if the policy is to be applied to satisfy the overall public interest. It is not possible to prescribe in advance a specific method or set of criteria which would serve to identify and resolve all of the contractor conflict of interest situations that might arise. However, examples are provided in these regulations to guide application of this policy guidance. The ultimate test is as follows: Might the contractor, if awarded the contract, be placed in a position where its judgment may be biased, or where it may have an unfair competitive advantage?

(c) The conflict of interest rule contained in this subpart applies to contractors and offerors only. Individuals or firms who have other relationships with the NRC (e.g., parties to a licensing proceeding) are not covered by this regulation. This rule does not apply to the acquisition of consulting services through the personnel appointment process, NRC agreements with other Government agencies, international organizations, or state, local, or foreign Governments. Separate procedures for avoiding conflicts of interest will be employed in these agreements, as appropriate.

#### **§2009.570-2 Definitions.**

Affiliates means business concerns which are affiliates of each other when either directly or indirectly one concern or individual controls or has the power to control another, or when a third party controls or has the power to control both.

Contract means any contractual agreement or other arrangement with the NRC except as provided in §2009.570-1(c).

Contractor means any person, firm, unincorporated association, joint venture, co-sponsor, partnership, corporation, affiliates thereof, or their successors in interest, including their chief executives, directors, key personnel (identified in the contract), proposed consultants or subcontractors, which are a party to a contract with the NRC.

Evaluation activities means any effort involving the appraisal of a technology, process, product, or policy.

Offeror or prospective contractor means any person, firm, unincorporated association, joint venture, co-sponsor, partnership, corporation, or their affiliates or successors in interest, including their chief executives, directors, key personnel, proposed consultants, or subcontractors, submitting a bid or proposal, solicited or unsolicited, to the NRC to obtain a contract.

Organizational conflicts of interest means that a relationship exists whereby a contractor or prospective contractor has present or planned interests related to the work to be performed under an NRC contract which:

(1) May diminish its capacity to give impartial, technically sound, objective assistance and advice, or may otherwise result in a biased work product; or

(2) May result in its being given an unfair competitive advantage.

Potential conflict of interest means that a factual situation exists that suggests that an actual conflict of interest may arise from award of a proposed contract. The term potential conflict of interest is used to signify those situations that

(1) Merit investigation before contract award to ascertain whether award would give rise to an actual conflict; or

(2) Must be reported to the contracting officer for investigation if they arise during contract performance.

Research means any scientific or technical work involving theoretical analysis, exploration, or experimentation.

Subcontractor means any subcontractor of any tier who performs work under a contract with the NRC except subcontracts for supplies and subcontracts in amounts not exceeding \$10,000.

Technical consulting and management support services means internal assistance to a component of the NRC in the formulation or administration of its programs, projects, or policies which normally require that the contractor be given access to proprietary information or to information that has not been made available to the public. These services typically include assistance in the preparation of program plans, preliminary designs, specifications, or statements of work.

### **§2009.570-3 Criteria for recognizing contractor organizational conflicts of interest.**

(a) General.

(1) Two questions will be asked in determining whether actual or potential organizational conflicts of interest exist:

(i) Are there conflicting roles which might bias an offeror's or contractor's judgment in relation to its work for the NRC?

(ii) May the offeror or contractor be given an unfair competitive advantage based on the performance of the contract?

(2) NRC's ultimate determination that organizational conflicts of interest exist will be made in light of common sense and good business judgment based upon the relevant facts. While it is difficult to identify and to prescribe in advance a specific method for avoiding all of the various situations or relationships that might involve potential organizational conflicts of interest, NRC

personnel will pay particular attention to proposed contractual requirements that call for the rendering of advice, consultation or evaluation activities, or similar activities that directly lay the groundwork for the NRC's decisions on regulatory activities, future procurements, and research programs. Any work performed at an applicant or licensee site will also be closely scrutinized by the NRC staff.

(b) Situations or relationships. The following situations or relationships may give rise to organizational conflicts of interest:

(1) The offeror or contractor shall disclose information that may give rise to organizational conflicts of interest under the following circumstances. The information may include the scope of work or specification for the requirement being performed, the period of performance, and the name and telephone number for a point of contact at the organization knowledgeable about the commercial contract.

(i) Where the offeror or contractor provides advice and recommendations to the NRC in the same technical area where it is also providing consulting assistance to any organization regulated by the NRC.

(ii) Where the offeror or contractor provides advice to the NRC on the same or similar matter on which it is also providing assistance to any organization regulated by the NRC.

(iii) Where the offeror or contractor evaluates its own products or services, or has been substantially involved in the development or marketing of the products or services of another entity.

(iv) Where the award of a contract would result in placing the offeror or contractor in a conflicting role in which its judgment may be biased in relation to its work for the NRC, or would result in an unfair competitive advantage for the offeror or contractor.

(v) Where the offeror or contractor solicits or performs work at an applicant or licensee site while performing work in the same technical area for the NRC at the same site.

(2) The contracting officer may request specific information from an offeror or contractor or may require special contract clauses such as provided in §2009.570-5(b) in the following circumstances:

(i) Where the offeror or contractor prepares specifications that are to be used in competitive procurements of products or services covered by the specifications.

(ii) Where the offeror or contractor prepares plans for specific approaches or methodologies that are to be incorporated into competitive procurements using the approaches or methodologies.

(iii) Where the offeror or contractor is granted access to information not available to the public concerning NRC plans, policies, or programs that could form the basis for a later procurement action.

(iv) Where the offeror or contractor is granted access to proprietary information of its competitors.

(v) Where the award of a contract might result in placing the offeror or contractor in a conflicting role in which its judgment may be biased in relation to its work for the NRC or might result in an unfair competitive advantage for the offeror or contractor.

(c) Policy application guidance. The following examples are illustrative only and are not intended to identify and resolve all contractor organizational conflict of interest situations.

(1)(i) Example. The ABC Corp., in response to a Request For Proposal (RFP), proposes to undertake certain analyses of a reactor component as called for in the RFP. The ABC Corp. is one of several companies considered to be technically well qualified. In response to the inquiry in the RFP, the ABC Corp. advises that it is currently performing similar analyses for the reactor manufacturer.

(ii) Guidance. An NRC contract for that particular work normally would not be awarded to the ABC Corp. because the company would be placed in a position in which its judgment could be biased in relationship to its work for the NRC. Because there are other well-qualified companies available, there would be no reason for considering a waiver of the policy.

(2)(i) Example. The ABC Corp., in response to an RFP, proposes to perform certain analyses of a reactor component that is unique to one type of advanced reactor. As is the case with other technically qualified companies responding to the RFP, the ABC Corp. is performing various projects for several different utility clients. None of the ABC Corp. projects have any relationship to the work called for in the RFP. Based on the NRC evaluation, the ABC Corp. is considered to be the best qualified company to perform the work outlined in the RFP.

(ii) Guidance. An NRC contract normally could be awarded to the ABC Corp. because no conflict of interest exists which could motivate bias with respect to the work. An appropriate clause would be included in the contract to preclude the ABC Corp. from subsequently contracting for work with the private sector that could create a conflict during the performance of the NRC contract. For example, ABC Corp. would be precluded from the performance of similar work for the company developing the advanced reactor mentioned in the example.

(3)(i) Example. The ABC Corp., in response to a competitive RFP, submits a proposal to assist the NRC in revising NRC's guidance documents on the respiratory protection requirements of 10 CFR Part 20. ABC Corp. is the only firm determined to be technically acceptable. ABC Corp. has performed substantial work for regulated utilities in the past and is expected to continue similar efforts in the future. The work has and will cover the writing, implementation, and administration of compliance respiratory protection programs for nuclear power plants.

(ii) Guidance. This situation would place the firm in a role where its judgment could be biased in relationship to its work for the NRC. Because the nature of the required work is vitally important in terms of the NRC's responsibilities and no reasonable alternative exists, a waiver of the policy, in accordance with §2009.570-9 may be warranted. Any waiver must be fully documented in accordance with the waiver provisions of this policy with particular attention to the establishment of protective mechanisms to guard against bias.

(4)(i) Example. The ABC Corp. submits a proposal for a new system to evaluate a specific reactor component's performance for the purpose of developing standards that are important to the NRC program. The ABC Corp. has advised the NRC that it intends to sell the new system to industry once its practicability has been demonstrated. Other companies in this business are using older systems for evaluation of the specific reactor component.

(ii) Guidance. A contract could be awarded to the ABC Corp. if the contract stipulates that no information produced under the contract will be used in the contractor's private activities unless this information has been reported to the NRC. Data on how the reactor component performs, which is reported to the NRC by contractors, will normally be disseminated by the NRC to others to preclude an unfair competitive advantage. When the NRC furnishes information about the reactor component to the contractor for the performance of contracted work, the information may not be used in the contractor's private activities unless the information is generally available to others. Further, the contract will stipulate that the contractor will inform the NRC contracting officer of all situations in which the information,

developed about the performance of the reactor component under the contract, is proposed to be used.

(5)(i) Example. The ABC Corp., in response to a RFP, proposes to assemble a map showing certain seismological features of the Appalachian fold belt. In accordance with the representation in the RFP and §2009.570-3(b)(1)(i), ABC Corp. informs the NRC that it is presently doing seismological studies for several utilities in the eastern United States, but none of the sites are within the geographic area contemplated by the NRC study.

(ii) Guidance. The contracting officer would normally conclude that award of a contract would not place ABC Corp. in a conflicting role where its judgment might be biased. Section 2052.209-72(c) Work for Others, would preclude ABC Corp. from accepting work which could create a conflict of interest during the term of the NRC contract.

(6)(i) Example. AD Division of ABC Corp., in response to a RFP, submits a proposal to assist the NRC in the safety and environmental review of applications for licenses for the construction, operation, and decommissioning of fuel cycle facilities. ABC Corp. is divided into two separate and distinct divisions, AD and BC. The BC Division performs the same or similar services for industry. The BC Division is currently providing the same or similar services required under the NRC's contract for an applicant or licensee.

(ii) Guidance. An NRC contract for that particular work would not be awarded to the ABC Corp. The AD Division could be placed in a position to pass judgment on work performed by the BC Division, which could bias its work for NRC. Further, the Conflict of Interest provisions apply to ABC Corp. and not to separate or distinct divisions within the company. If no reasonable alternative exists, a waiver of the policy could be sought in accordance with §2009.570-9.

(7)(i) Example. The ABC Corp. completes an analysis for NRC of steam generator tube leaks at one of a utility's six sites. Three months later, ABC Corp. is asked by this utility to perform the same analysis at another of its sites.

(ii) Guidance. Section 2052.290-72(c)(3) would prohibit the contractor from beginning this work for the utility until one year after completion of the NRC work at the first site.

(8)(i) Example. ABC Corp. is assisting NRC in a major on-site analysis of a utility's redesign of the common areas between its twin reactors. The contract is for two years with an estimated value of \$5 million. Near the completion of the NRC work, ABC Corp. requests authority to solicit for a \$100K contract with the same utility to transport spent fuel to a disposal site. ABC Corp. is performing no other work for the utility.

(ii) Guidance. The Contracting Officer would allow the contractor to proceed with the solicitation because it is not in the same technical area as the NRC work; and the potential for technical bias by the contractor because of financial ties to the utility is slight due to the relative value of the two contracts.

(9)(i) Example. The ABC Corp. is constructing a turbine building and installing new turbines at a reactor site. The contract with the utility is for five years and has a total value of \$100 million. ABC Corp. has responded to an NRC Request For Proposal requiring the contractor to participate in a major team inspection unrelated to the turbine work at the same site. The estimated value of the contract is \$75K.

(ii) Guidance. An NRC contract would not normally be awarded to ABC Corp. because these factors create the potential for financial loyalty to the utility that may bias the technical judgment of the contractor.

(d) Other considerations.

(1) The fact that the NRC can identify and later avoid, eliminate, or neutralize any potential organizational conflicts arising from the performance of a contract is not relevant to a determination of the existence of conflicts prior to the award of a contract.

(2) It is not relevant that the contractor has the professional reputation of being able to resist temptations which arise from organizational conflicts of interest, or that a follow-on procurement is not involved, or that a contract is awarded on a competitive or a sole source basis.

#### **§2009.570-4 Representation.**

(a) The following procedures are designed to assist the NRC contracting officer in determining whether situations or relationships exist which may constitute organizational conflicts of interest with respect to a particular offeror or contractor. The procedures apply to small purchases meeting the criteria stated in the following paragraph (b) of this section.

(b) The organizational conflicts of interest representation provision at §2052.209-71 must be included in solicitations and contracts resulting from unsolicited proposals. The contracting officer must also include this provision for task orders and contract modifications for new work for:

(1) Evaluation services or activities;

(2) Technical consulting and management support services;

(3) Research; and

(4) Other contractual situations where special organizational conflicts of interest provisions are noted in the solicitation and would be included in the resulting contract. This representation requirement also applies to all modifications for additional effort under the contract except those issued under the "Changes" clause. Where, however, a statement of the type required by the organizational conflicts of interest representation provisions has previously been submitted with regard to the contract being modified, only an updating of the statement is required.

(c) The offeror may, because of actual or potential organizational conflicts of interest, propose to exclude specific kinds of work contained in a RFP unless the RFP specifically prohibits the exclusion. Any such proposed exclusion by an offeror will be considered by the NRC in the evaluation of proposals. If the NRC considers the proposed excluded work to be an essential or integral part of the required work and its exclusion would be to the detriment of the competitive posture of the other offerors, the NRC shall reject the proposal as unacceptable.

(d) The offeror's failure to execute the representation required by paragraph (b) of this section with respect to an invitation for bids is considered to be a minor informality. The offeror will be permitted to correct the omission.

#### **§2009.570-5 Contract clauses.**

(a) General contract clause. All contracts and simplified acquisitions of the types set forth in §2009.570-4(b) must include the clause entitled, "Contractor Organizational Conflicts of Interest," set forth in §2052.209-72.

(b) Other special contract clauses. If it is determined from the nature of the proposed contract that an organizational conflict of interest exists, the contracting officer may determine that the conflict can be avoided, or, after obtaining a waiver in accordance with §2009.570-9,



neutralized through the use of an appropriate special contract clause. If appropriate, the offeror may negotiate the terms and conditions of these clauses, including the extent and time period of any restriction. These clauses include but are not limited to:

- (1) Hardware exclusion clauses which prohibit the acceptance of production contracts following a related non-production contract previously performed by the contractor;
- (2) Software exclusion clauses;
- (3) Clauses which require the contractor (and certain of its key personnel) to avoid certain organizational conflicts of interest; and
- (4) Clauses which provide for protection of confidential data and guard against its unauthorized use.

**§2009.570-6 Evaluation, findings, and contract award.**

The contracting officer shall evaluate all relevant facts submitted by an offeror and other relevant information. After evaluating this information against the criteria of §2009.570-3, the contracting officer shall make a finding of whether organizational conflicts of interest exist with respect to a particular offeror. If it has been determined that real or potential conflicts of interest exist, the contracting officer shall:

- (a) Disqualify the offeror from award;
- (b) Avoid or eliminate such conflicts by appropriate measures; or
- (c) Award the contract under the waiver provision of §2009.570-9.

**§2009.570-7 Conflicts identified after award.**

If potential organizational conflicts of interest are identified after award with respect to a particular contractor and the contracting officer determines that conflicts do exist and that it would not be in the best interest of the Government to terminate the contract, as provided in the clauses required by §2009.570-5, the contracting officer shall take every reasonable action to avoid, eliminate, or, after obtaining a waiver in accordance with §2009.570-9, neutralize the effects of the identified conflict.

**§2009.570-8 Subcontracts.**

The contracting officer shall require offerors and contractors to submit a representation statement from all subcontractors (other than a supply subcontractor) and consultants performing services in excess of \$10,000 in accordance with §2009.570-4(b). The contracting officer shall require the contractor to include contract clauses in accordance with §2009.570-5 in consultant agreements or subcontracts involving performance of work under a prime contract.

**§2009.570-9 Waiver.**

- (a) The contracting officer determines the need to seek a waiver for specific contract awards with the advice and concurrence of the program office director and legal counsel. Upon the recommendation of the Senior Procurement Executive, and after consultation with legal counsel, the Executive Director for Operations may waive the policy in specific cases if he determines that it is in the best interest of the United States to do so.

(b) Waiver action is strictly limited to those situations in which:

(1) The work to be performed under contract is vital to the NRC program;

(2) The work cannot be satisfactorily performed except by a contractor whose interests give rise to a question of conflict of interest.

(3) Contractual and/or technical review and surveillance methods can be employed by the NRC to neutralize the conflict.

(c) The justification and approval documents for any waivers must be placed in the NRC Public Document Room.

**§2009.570-10 Remedies.**

In addition to other remedies permitted by law or contract for a breach of the restrictions in this subpart or for any intentional misrepresentation or intentional nondisclosure of any relevant interest required to be provided for this section, the NRC may debar the contractor from subsequent NRC contracts.