AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTR	ACT ID CODE		PAGE 1	OF	PAGES 13
2. AMENDMENT/MODIFICATION NO. 33	3. EFFECTIVE DATE (M/D/Y) See Block 16C	4. REQUISITION/ 11E	PURCHAS		5. PROJ	ECT NO.	(If applicab	le)
6. ISSUED BY CODE		7. ADMINISTERI	ED BY (If o	ther than Item 6)	CODE			
U.S. Department of Energy Office of River Protection P. O. Box 450, MS H6-60 Richland, WA 99352								
8. NAME AND ADDRESS OF CONTRACTOR (No., street, co	ounty, State and ZIP code)			9A. AMENDME	ENT OF S	OLICITAT	ION NO.	
Advanced Technologies and Laboratories, 20010 Century Blvd., Suite 500 Germantown, MD 20874-1119	Inc. (ATL)			9B. DATED <i>(SI</i> 10A. MODIFIC. DE-AC 10B. DATED <i>(</i> ,	ation 0 2 27-011	F CONTRA RV1505		ER NO.
CODE 827013467	FACILITY CODE			Noveml	ber 20,	2009		
	ITEM APPLIES TO AMEN	DMENTS OF S	OLICIT	ATIONS				
The above numbered solicitation is amended as set forth i Offers must acknowledge receipt of this amendment prior to the (a) By completing Items 8 and 15, and returningcopic submitted; or (c) By separate letter or telegram which includes a PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR 'T desire to change an offer already submitted, such change may be prior to the opening hour and date specified.	hour and date specified in the solicita es of the amendment: (b) By acknow reference to the solicitation and ame O THE DATE AND HOUR SPECIFIE made by telegram or letter, provideo	ation or as amended. ledging receipt of th ndment numbers. F	, by one of is amendm AILURE OI I REJECTIO	ent on each copy F YOUR ACKNO N OF YOUR OF	thods: of the of WLEDGI FER. If t	EMENT TO by virtue of	f this amen	dment you
12. ACCOUNTING AND APPROPRIATION DATA (If requi	ired)							
13. THIS ITEM A IT MODIFIES	PPLIES ONLY TO MODIF S THE CONTRACT/ORDE	ICATIONS OF R NO. AS SET	CONTF FORTH	RACTS/ORD IN ITEM 14	ERS,			<u></u>
CHECK ONE A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET	FORTH IN ITEM 14 A	RE MADE I	N THE CONTRAC	CT ORDER			
B. THE ABOVE NUMBERED CONTRACT/ORDER I IN ITEM 14, PURSUANT TO AUTHORITY OF FAR 4	43.103(b).		ES (such as	changes in paying	g office, a	ppropriatio	n date, etc.)	SET FORTH
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERI Clause 1.75, "FAR 52.243-2 Changes – Cost F			1984)"					
D. OTHER (Specify type of modification and authority)								
E. IMPORTANT: Contractor 🗌 is not, 🛛 is	required to sign this documen	nt and return <u>2</u> c	opies to t	he issuing offi	ce.			
14. DESCRIPTION OF AMENDMENT/MODIFICATION (See following page(s)	Organized by UCF section headings,	including solicitati	on/contract	t subject matter v	vhere fea	sible.)		
Except as provided herein, all terms and conditions of the docu 15A. NAME AND TITLE OF SIGNER (Type or print)	ment referenced in Item 9A or 10A,			unchanged and				nt)
Mr. Jou G. Hwang President	۰. پر بروی کرد.	Sus	an C. Joł ntracting	inson				
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED	STATES (F AMERICA			16C. DAT	E SIGNED
ORIGINAL SIGNED BY	5/19/201	1 8		GNED BY	<u>Q</u>		5/19	r/n
(Signature of derson authorized to sign)	30-105	(Sig	nature of (Contracting Offic	STREET, STREET	TANDARD	FORM 30	(REV. 10-83)
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	01-06				Pr	escribed by AR (48 CFR	GSA ·	, , ,

Purpose of Modification:

The purpose of this modification is to update Section B, *Supplies or Services and Prices/Costs*, Section G, *Contract Administration Data*, Section I, and Section J, *List of Attachments*.

Description of Modification:

 Revise Contract Section B, Supplies or Services and Prices/Costs, Contract Clause B.1, Type of Contract – Items Being Acquired, and add two (2) tables to show total estimated contract cost and the total funds obligated. Contract Section B, Contract Clause B.1 is also updated to include tables for CLINS 1 thru 6. The information contained therein does not change and is reformatted for clarity. Contract Section B, Contract Clause B.1, is deleted in its entirety and replaced as follows:

B.1 TYPE OF CONTRACT – ITEMS BEING ACQUIRED

This is a cost-plus-award-fee type contract for analytical services and testing at the 222-S Laboratory on the Hanford Site. The contractor shall furnish all personnel, facilities, equipment, material, supplies, and services (except as may be expressly set forth in this contract as furnished by the government) and otherwise do all things necessary for, or incident to, the performance of work as described in Section C, Performance Work Statement. The total performance period includes a ninety (90) day transition period, two-year base period, and three (3) 1-year option periods as shown below in the following individual Contract Line Items (CLINs):

TOTAL ESTIMATED CONTRACT COST				
CLIN Number	Description	Estimated Cost	Estimated Fee	
1	Contract Transition	\$99,214.53	N/A	
2	Analytical Services & Testing	\$23,862,646.20	\$1,730,762,28	
3	Analytical Services & Testing	\$12,846,805.51	\$929,161,06	
4	Analytical Services & Testing	\$13,324,325.55	\$961,635.30	
5	Analytical Services & Testing	\$12,351,009.12	\$895,449.78	
6	PRC ARRA Analytical Services & Testing	To Be Determined	\$334,374.00	
	TOTAL	\$62,484,000.91	\$4,851,382.42	
TECC (ESTIMATED COST & ESTIMATED FEE)		\$67,335,383.33		

	TOTAL FUNDS OBLIGATED				
CLIN Number	Description	Estimated Cost	Funds Obligated		
1	Contract Transition	\$99,214.53	\$99,214.53		
2	Analytical Services & Testing	\$23,862,646.20	\$15,142,917.21		
3	Analytical Services & Testing	\$12,846,805.51	\$0.00		

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4	Analytical Services & Testing	\$13,324,325.55	\$0.00
5	Analytical Services & Testing	\$12,351,009.12	\$0.00
6	PRC ARRA Analytical Services & Testing	To Be Determined	\$5,486,143.65
	TOTAL	\$26,970,445.05	\$20,728,275.39

	TOTAL	FEE EARNED		
CLIN Number	Description	Total Fee Available	Total Fee Earned	Reference
1	Contract Transition	N/A		
2	Analytical Services & Testing	\$1,730,762.28	\$1,032,568.15	11-AMD-075
3	Analytical Services & Testing	\$929,161.06		
4	Analytical Services & Testing	\$961,635.30		
5	Analytical Services & Testing	\$895,449.78		
6	PRC ARRA Analytical Services & Testing	\$334,374.00		
	TOTAL	\$4,851,382.42	\$1,032,568.15	

CONTRACT TRANSITION:

CLIN Number	Description	Estimated Cost
1	Contract Transition	\$99,214.53

CLIN 01 Description:

The performance of CLIN 01 includes the total estimated costs for the contract transition period stated in Section F.1. There is no base or award fee available for this CLIN.

Funds Obligated to CLIN 01:

Modification		Obligated
No	Accounting and Appropriation Data	Amount*
	01250 2010 34 421301 25200 1110909 0001481 0000000 0000000	
N/A	000000	\$99,214,53

* Subject to Section I Clause FAR 52.232-22 entitled, *Limitation of Funds (APR 1984)*, the CLIN 01 value is estimated to be no more than \$99,214.53. The cumulative amount identified in this column is the total amount presently available for payment under this CLIN.

(b) **<u>BASE PERIOD</u>**:

CLIN Number	Description	Estimated Cost
2	Analytical Services & Testing	\$23,862,646.20

CLIN 02 Description:

The performance of CLIN 02 includes the total estimated costs for the performance period stated in Section F.1 and the total award fee that can be earned (less any adjustment made in accordance with Section B Clause *DEAR 952.223-77 Conditional Payment of Fee* and Section H Clause *Key Personnel*).

The total available award fee for this CLIN is \$1,730,762,28. There is no base fee for this CLIN. The award fee for this CLIN shall be awarded upon the unilateral determination of DOE's fee determination official (FDO) that an award fee has been earned. The unilateral decision is made solely at the discretion of the government. This determination shall be based upon the FDO's evaluation of the Contractor's performance, as measured against the evaluation criteria set forth in the award fee plan. Provisional payment of a proportional monthly amount equivalent of an amount up to 50% of the available award fee for this CLIN may be permitted.

Immediately upon the FDO's final determination of the award fee for the evaluation period, the Contractor may invoice any fee amount not previously paid or must repay any excess amount paid. Any uncarned award fee from this CLIN shall not be eligible to be earned in any other CLINs.

Modification No.	Accounting and Appropriation Data	Obligation Amount*
A000	01250 2010 34 421301 25200 1110909 0001481 0000000 0000000 000000	\$900,775.91
A002	01250 2010 34 421601 25200 1110849 0001525 0421398	\$24,000.00
A003	1250 2010 34 421601 25200 1110849 0001525 041398	\$76,000.00
A003	890251 2010 34 421301 61000000 25200 1110909 0001481	\$4,000.000.00
A003	01250 2034 421601 25200 1110849 0001525 041398	\$100,000.00
A004	01250 2010 34 422100 61000000 25200 1110843 0001524	\$309,604.00
A005	01250 2010 34 421301 25200 1110909 0001481 0000000 0000000 000000	\$1,000,000.00
A006	01250 2010 34 421301 25200 1110909 0001481 0000000 0000000 000000	\$960,000,00
A010	01250 2010 34 421301 61000000 25200 1111412 0004263	\$243 ,5 58 .69

Funds Obligated to CLIN 02:

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A011	01250 2010 34 421301 61000000 25200 1110909	\$1,125,886.00
	0001481	
A016	01250 2010 34 421301 25200 1110909 0001481	\$370,523.83
	000000 000000 000000	
A016	01250 2010 34 421301 25200 1110676 0004022	\$3,155.93
	000000 000000 000000	
A017	01250 2010 34 421301 25200 1110909 0001481	\$850,000.00
	000000 000000 000000	
A019	01250 2011 34 421301 25200 1110909 0001481	\$500,000,00
	000000 000000 000000	
A019	01250 2010 34 421301 25200 1110909 0001481	\$9.56
	000000 000000 000000	
A021	01250 2011 34 421301 25200 1110909 0001481	\$866,000.00
	000000 000000 000000	
022	01250 2011 34 421601 25200 1110849 0001525	\$65,985.00
022	01250 2011 34 421601 25200 1110842 0001522	\$132,488.00
022	01250 2011 34 421601 25200 1110820 0001520	\$3,810.00
023	01250 2011 34 421301 25200 1110909 0001481	\$500,000.00
	000000 000000 000000	
024	01250 2011 34 421301 25200 1110909 0001481	\$4,500,000.00
	0000000 0000000 000000	
029	01250 2009 34 421301 25200 1110676 0004022	\$130,000.00
	0000000 0000000	
029	01250 2010 34 421301 25200 1111412 0004263	\$181,120.29
	0000000 0000000	
029	01250 2011 34 421301 25200 1110909 0001481	\$400,000.00
	0000000 0000000	<u></u>
030	01250 2011 34 421301 25200 1110909 0001481	\$500,000.00
	0000000 0000000	
031	01250 2011 034 421301 25200 1110909 0001481	\$400,000.00
	0000000 0000000	
TOTAL		\$15,142,917,21

* Subject to Section I Clause FAR 52.232-22 entitled, *Limitation of Funds (APR 1984)*, the CLIN 02 value is estimated to be no more than \$25,593,408.48 (including Award Fee). The cumulative amount identified in this column is the total amount presently available for payment under this CLIN.

(c) OPTION PERIOD I:

CLIN Number	Description	Estimated Cost	
3	Analytical Services & Testing	\$12,846,805,51	

CLIN 03 Description:

The performance of CLIN 03 includes the total estimated costs for the performance period stated in Section F.1 and the total award fee that can be earned (less any adjustment made in accordance with Section B Clause *DEAR 952.223-77 Conditional Payment of Fee* and Section H Clause *Key Personnel*).

The total available award fee for this CLIN is \$929,161.06. There is no base fee for this CLIN. The award fee for this CLIN shall be awarded upon the unilateral determination of DOE's fee determination official (FDO) that an award fee has been earned. The unilateral decision is made solely at the discretion of the government. This determination shall be based upon the FDO's evaluation of the Contractor's performance, as measured against the evaluation criteria set forth in the award fee plan. Provisional payment of a proportional monthly amount equivalent of an amount up to 50% of the available award fee for this CLIN may be permitted.

Immediately upon the FDO's final determination of the award fee for the evaluation period, the Contractor may invoice any fee amount not previously paid or must repay any excess amount paid. Any unearned award fee from this CLIN shall not be eligible to be earned in any other CLINs.

Funds Obligated to CLIN 03:

Modification No. Accounting and Appropriation Data Obligation Amount*

To be inserted at the time of option exercise

* Subject to Section I Clause FAR 52.232-22 entitled, *Limitation of Funds (APR 1984)*, the CLIN 03 value is estimated to be no more than \$ <u>To be inserted at the time of option exercise</u> (including Award Fee). The cumulative amount identified in this column is the total amount presently available for payment under this CLIN. It is estimated this amount will cover performance through *To be inserted at the time of option exercise*.

(d) **OPTION PERIOD II**:

CLIN Number	Description	Estimated Cost
4 .	Analytical Services & Testing	\$13,324,325.55

CLIN 04 Description:

The performance of CLIN 04 includes the total estimated costs for the performance period stated in Section F.1 and the total award fee that can be earned (less any adjustment made in accordance with Section B Clause *DEAR 952.223-77 Conditional Payment of Fee* and Section H Clause *Key Personnel*).

The total available award fee for this CLIN is $\underline{\$961,635.30}$. There is no base fee for this CLIN. The award fee for this CLIN shall be awarded upon the unilateral determination of DOE's fee determination official (FDO) that an award fee has been earned. The unilateral decision is made solely at the discretion of the government. This determination shall be based upon the FDO's evaluation of the Contractor's performance, as measured against the evaluation criteria set forth in the award fee plan. Provisional payment of a proportional monthly amount equivalent of an amount up to 50% of the available award fee for this CLIN may be permitted.

Immediately upon the FDO's final determination of the award fee for the evaluation period, the Contractor may invoice any fee amount not previously paid or must repay any excess amount paid. Any unearned award fee from this CLIN shall not be eligible to be earned in any other CLINs.

Funds Obligated to CLIN 04:

Modification No. Accounting and Appropriation Data Obligation Amount*

To be inserted at the time of option exercise

* Subject to Section I Clause FAR 52.232-22 entitled, *Limitation of Funds (APR 1984)*, the CLIN 04 value is estimated to be no more than \$ <u>To be inserted at the time of option exercise</u> (including Award Fee). The cumulative amount identified in this column is the total amount presently available for payment under this CLIN. It is estimated this amount will cover performance through <u>To be inserted at the time of option exercise</u>.

(e) **OPTION PERIOD III**:

CLIN Number	Description	Estimated Cost	
5	Analytical Services & Testing	\$12,351,009.12	

CLIN 05 Description:

The performance of CLIN 05 includes the total estimated costs for the performance period stated in Section F.1 and the total award fee that can be earned (less any adjustment made in accordance with Section B Clause *DEAR 952.223-77 Conditional Payment of Fee* and Section H Clause *Key Personnel*).

The total available award fee for this CLIN is $\underline{\$\$95,449.78}$. There is no base fee for this CLIN. The award fee for this CLIN shall be awarded upon the unilateral determination of DOE's fee determination official (FDO) that an award fee has been earned. The unilateral decision is made solely at the discretion of the government. This determination shall be based upon the FDO's evaluation of the Contractor's performance, as measured against the evaluation criteria set forth in the award fee plan. Provisional payment of a proportional

monthly amount equivalent of an amount up to 50% of the available award fee for this CLIN may be permitted.

Immediately upon the FDO's final determination of the award fee for the evaluation period, the Contractor may invoice any fee amount not previously paid or must repay any excess amount paid. Any unearned award fee from this CLIN shall not be eligible to be earned in any other CLINs.

Funds Obligated to CLIN 05:

Modification No. Accounting and Appropriation Data Obligation Amount*

To be inserted at the time of option exercise

* Subject to Section I Clause FAR 52.232-22 entitled, *Limitation of Funds (APR 1984)*, the CLIN 05 value is estimated to be no more than \$ <u>To be inserted at the time of option exercise</u> (including Award Fee). The cumulative amount identified in this column is the total amount presently available for payment under this CLIN. It is estimated this amount will cover performance through <u>To be inserted at the time of option exercise</u>.

(f) ARRA ANALYTICAL SERVICES AND TESTING

CLIN Number	Description	Estimated Cost
6	PRC ARRA Analytical Services & Testing	To be Determined

CLIN 06 Description:

The performance of CLIN 06 includes the total estimated costs for the performance period from January 3, 2010 through January 2, 2012. The total fee that can be earned (less any adjustment made in accordance with Section B Clause DEAR 952.223-77 Conditional Payment of Fee and Section H Clause Key Personnel), for this CLIN, is \$334.374.00.

ARRA Project	Cost	Fee	Total
K East Reactor (1111330)	\$173,047.90	\$10,031.22	\$183;079.12
Balance of Site (1111329)	1,846,132.55	120,374,64	1,966,507.19
PFP Demo (1111328)	3,132,589.20	203,968.14	3,336,557,34
Total	\$5,151,769.65	\$334.374.00	\$5,486,143.65

Funds Obligated to CLIN 06:

\$5,486,143.65 is obligated to CLIN 06 as follows:

		Obligated
Type of Funding	Line of Accounting	Amount
ARRA PRC RL-	06049 2009 34 421601 25200 1111328 2002140 0000000 0000000	
11	000000	\$2,901,000.00
ARRA PRC RL-	06049 2009 34 421601 25200 1111328 2002140 0000000 0000000	
1	000000	\$435,557.34
ARRA PRC RL-	06049 2009 34 421601 25200 1111329 2002140 0000000 0000000	·
40	000000	\$996,000.00
ARRA PRC RL-	06049 2009 34 421601 25200 1111329 2002140 0000000 0000000	
40	000000	\$970,507.19
ARRA PRC RL-	06049 2009 34 421601 25200 1111330 2002140 000000 0000000	
41	000000	\$183,079.12
	TOTAL	\$5,486,143,65

The contractor shall not incur any costs in excess of this amount.

 Update Contract Section G, Contract Administrative Data, Contract Clause C.2, Contract Administration, to show change in Contracting Officer from Susan E. Bechtel to Susan C. Johnson and to show a change in the Contracting Officer Representative from Stacey Charboneau to Janet Deidiker. Contract Section G, Contract Clause C.2, is deleted in its entirety and replaced as follows:

G.2 CONTRACT ADMINISTRATION

The DOE Contracting Officer and correspondence address is:

Susan C. Johnson Contracting Officer US DOE Office of River Protection P.O. Box 450, MSIN H6-60 Richland, WA 99352

The DOE Contracting Officer Representative and correspondence address is:

Janet Deidiker Contracting Officer Representative US DOE Office of River Protection P.O. Box 450, MSIN H6-60 Richland, WA 99352 Robert Carosino Contracting Officer Representative – Limited to Litigation Management and Legal Policy US DOE Office of River Protection P.O. Box 450, MSIN H6-60 Richland, WA 99352

The DOE Property Administrator and correspondence address is:

Cathy Poynor Property Administrator US DOE Office of River Protection P.O. Box 450, MSIN H6-60 Richland, WA 99352

- 3. Update Contract Section I, *Contract Clauses*, and add Clause I.119, FAR 52.217-9 *Option to Extend the Term of the Contract (MAR 2000)*. Contract Section I is also updated to show the following corrections:
 - Add Contract Clause I.76, FAR 52.243-7 *Notification of Changes (Apr 1984)*, to Table of Contents;
 - Add Contract Clause I.77, FAR 52.244-2 *Subcontracts (Jun 2007)*, to Table of Contents;
 - Add Contract Clause I.78, FAR 52.244-2 Subcontracts (Jun 2007) Alternate I (Jun 2007), to Table of Contents;
 - Add Contract Clause I.100, *DEAR 952.223-76 Conditional Payment of Fee or Profit--Safeguarding Restricted Data and Other Classified Information and Protection of Worker Safety and Health (JAN 2004)*, to Table of Contents;
 - Renumber Contract Clause I.23, DEAR 952.226-74 *Displaced Employee Hiring Preference (Jun 1997)*, from I.123 to I.102.
 - .

Contract Section I, Contract Clause I.119 is added as follows:

I.119 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; provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least <u>60</u> 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 period of performance through the exercise of Option Periods I, II and III.
 - 4. Update the table in Contract Section J, *List of Attachments*, Attachment 1, *DOE Directives Applicable to the 222-S Lab*, to include the following directives:
 - DOE Order 142.1, CRD, Classified Visits Involving Foreign Nationals;
 - DOE Order 142.2A, CRD, Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency;
 - DOE Manual 142.2-1, Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency;
 - Change DOE Order 471.3, *Identifying and Protecting Official Use Only Information*, to DOE Order 471.3, Change 1, *Identifying and Protecting Official Use Only Information*.

The table in Contract Section J, Attachment 1 is deleted in its entirety and replaced as follows:

Order Number/Changes	Title	
DOE O 130.1 CRD	Budget Formulation Process	
DOE M 140.1-1B CRD	Interface with the Defense Nuclear Facilities Safety Board	
DOE O 142.3A	Unclassified Foreign Visits and Assignments	
	Comprehensive Emergency Management System	
	Attachment 2, CRD	
	· Item 2	
	Item 5	
	· Item 6	
	· Item 7	
	· Item 9	
	· Item 10	
	· Item 11	
DOE O 151.1C CRD	· Item 13	

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Order Number/Changes	Title
	· Item 14
	· Item 15
DOE O 200.1A CRD	Information Technology Management
DOE O 205.1A CRD	Department of Energy Cyber Security Management
DOE O 210.2 CRD	DOE Operating Experience Program
DOE O 221.1A CRD	Reporting Fraud, Waste, and Abuse to the Office of Inspector General
DOE O 221.2A CRD	Cooperation with the Office of Inspector General
DOE O 225.1A CRD	Accident Investigations
DOE O 226.1A CRD	Implementation of DOE Oversight Policy
DOE M 231.1-1A,	Implementation of Dob offengen coup
Change 2, CRD	Environmental, Safety and Health Reporting Manual
DOE M 231.1-2, Rev 1,	
CRD	Environment, Safety and Health Reporting
DOE O 232.1A	Occurrence Reporting and Processing of Operations Information
DOE O 241.1A, Change	
1, CRD	Scientific and Technical Information Management
DOE O 350.1, Change 3	Contractor Human Resources Management Programs
DOE O 413.1B CRD	Internal Control Program
DOE O 414.1C, CRD	Quality Assurance
DOE O 435.1, Change 1,	
CRD	Radioactive Waste Management
DOE O 442.1A, CRD	Department of Energy Employee Concerns Program
	Differing Professional Opinions Manual for Technical Issues Involving
DOE M 442.1-1 CRD	Environment, Safety and Health
DOE P 450.7	Environmental Safety and Health (ESH) Goals
DOE M 450.4-1, CRD	Integrated Safety Management System Manual
DOE P 450.4	Safety Management System Policy
DOE O 460.1B CRD	Packaging and Transportation Safety
DOE O 471.3. Change 1,	
CRD	Identifying and Protecting Official Use Only Information
DOE M 471.3-1 CRD	Manual for Identifying and Protecting Official Use Only Information
DOE M 470.4-6 Change	No. 1. No. 1. 1. C. and J. American Military
1, CRD	Nuclear Material Control and Accountability
DOE O 475.1 CRD	Counter Intelligence Program
DOE O 422.1	Conduct of Operations
	Personnel Selection, Qualification, and Training Requirements for DOE
	Nuclear Facilities
	Preamble, Section 8.a
	Attachment 1, Contractor Requirements Document
	Chapter I, Section 2
	Chapter I, Section 3
	Chapter I, Section 4.a
	Chapter I, Section 4.b
	Chapter I, Section 5
	Chapter I, Section 7 Introduction, Sentence 1 and 2
	Chapter I, Section 7
DOE O 5480.20 A,	Chapter I, Section 8
Change 1	Chapter I, Section 9

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Order Number/Changes	Title
	Chapter I, Section 10
	· Chapter I, Section 11.a
	Chapter I, Section 12
	· Chapter I, Section 13
	Chapter I, Section 15
	Chapter IV, Section 2
	Chapter IV, Section 4.a (where lab techs are equated to
	operators)
	Chapter IV, Section 4.c
	Hanford Emergency Management Plan
un familie de muchanis e l'étére com accestére servicement de l'étéres	• Section 11.1
	· Section 11.1.3
DOE/RL-94-02, Rev. 4	Section 12.0
ORP M 420.1-1, CRD	ORP Fire Protection Program
DOE N 206.5	Personal Identity - Security Breaches
DOE M 470.4-4, Change	
1, CRD	Information Security
ORP M 410.2C	Facility Representative Program
DOE/RL 96-98	HASQARD, Revision 3
DOE O 110.3A CRD	Conference Management
ORP M 441.1-1	Nuclear Material Packaging Manual
DOE O 150.1 CRD	Continuity Programs
DOE N 206.4	Personal Identity Verification
DOE O 243.1 CRD	Records Management Program
DOE O 243.2 CRD	Vital Records
DOE O 450.1A CRD	Environmental Protection Program
DOE O 474.1A	Control and Accountability of Nuclear Materials
DOE 0223-RL	Emergency Implementing Procedures
DOE O 142.1. CRD	Classified Visits Involving Foreign Nationals
	Voluntary Offer Safeguards Agreement and Additional Protocol with the
DOE O 142.2A, CRD	International Atomic Energy Agency
and the second as a production	Voluntary Offer Safeguards Agreement and Additional Protocol with the
DOE M 142.2-1, CRD	International Atomic Energy Agency

Contractor's Statement of Release:

In consideration of the Modification agreed to herein as complete equitable adjustment, the Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to the changes as noted in this modification.

All other terms and conditions remain unchanged.

(End of Modification)

SECTION B

SUPPLIES OR SERVICES AND PRICES/COSTS

B.1 TYPE OF CONTRACT – ITEMS BEING ACQUIRED

This is a cost-plus-award-fee type contract for analytical services and testing at the 222-S Laboratory on the Hanford Site. The contractor shall furnish all personnel, facilities, equipment, material, supplies, and services (except as may be expressly set forth in this contract as furnished by the government) and otherwise do all things necessary for, or incident to, the performance of work as described in Section C, Performance Work Statement. The total performance period includes a ninety (90) day transition period, two-year base period, and three (3) 1-year option periods as shown below in the following individual Contract Line Items (CLINs):

	TOTAL ESTIMATED CONTRACT COST		
CLIN Number	Description	Estimated Cost	Estimated Fee
1	Contract Transition	\$99,214.53	N/A
2	Analytical Services & Testing	\$23,862,646.20	\$1,730,762.28
3	Analytical Services & Testing	\$12,846,805.51	\$929,161.06
4	Analytical Services & Testing	\$13,324,325.55	\$961,635.30
5	Analytical Services & Testing	\$12,351,009.12	\$895,449.78
6	PRC ARRA Analytical Services & Testing	To Be Determined	\$334,374.00
TOTAL		\$62,484,000.91	\$4,851,382.42
TECC (ESTIMATED COST & ESTIMATED FEE)		\$67,335,383.33	******

TOTAL FUNDS OBLIGATED			
CLIN Number	Description	Estimated Cost	Funds Obligated
1	Contract Transition	\$99,214.53	\$99,214.53
2	Analytical Services & Testing	\$23,862,646.20	\$15,142,917.21
3	Analytical Services & Testing	\$12,846,805.51	\$0.00
4	Analytical Services & Testing	\$13,324,325.55	\$0.00
5	Analytical Services & Testing	\$12,351,009.12	\$0.00
6	PRC ARRA Analytical Services & Testing	To Be Determined	\$5,486,143.65
	TOTAL	\$26,970,445.05	\$20,728,275.39

	TOTAL FEE EARNED				
CLIN		Total Fee	Total Fee		
Number	Description	Available	Earned	Reference	
1	Contract Transition	N/A			
2	Analytical Services &				
2	Testing	\$1,730,762.28	\$1,032,568.15	11-AMD-075	
3	Analytical Services &				
5	Testing	\$929,161.06			
4	Analytical Services &				
-+	Testing	\$961,635.30			
5	Analytical Services &				
U	Testing	\$895,449.78			
6	PRC ARRA Analytical	\$334,374.00			
U	Services & Testing	ψ334,374.00		-	
	TOTAL	\$4,851,382.42	\$1,032,568.15		

CONTRACT TRANSITION:

CLIN Number	Description	Estimated Cost	
. 1	Contract Transition	\$99,214.53	

CLIN 01 Description:

The performance of CLIN 01 includes the total estimated costs for the contract transition period stated in Section F.1. There is no base or award fee available for this CLIN.

Funds Obligated to CLIN 01:

Modification No	Accounting and Appropriation Data	Obligated Amount*
N/A	01250 2010 34 421301 25200 1110909 0001481 0000000 0000000 000000	\$99,214.53

* Subject to Section I Clause FAR 52.232-22 entitled, *Limitation of Funds (APR 1984)*, the CLIN 01 value is estimated to be no more than \$<u>99,214.53</u>. The cumulative amount identified in this column is the total amount presently available for payment under this CLIN.

(b) **BASE PERIOD**:

CLIN Number	Description	Estimated Cost
2	Analytical Services & Testing	\$23,862,646.20

CLIN 02 Description:

The performance of CLIN 02 includes the total estimated costs for the performance period stated in Section F.1 and the total award fee that can be earned (less any adjustment made in accordance with Section B Clause *DEAR* 952.223-77 *Conditional Payment of Fee* and Section H Clause *Key Personnel*).

The total available award fee for this CLIN is \$1,730,762.28. There is no base fee for this CLIN. The award fee for this CLIN shall be awarded upon the unilateral determination of DOE's fee determination official (FDO) that an award fee has been earned. The unilateral decision is made solely at the discretion of the government. This determination shall be based upon the FDO's evaluation of the Contractor's performance, as measured against the evaluation criteria set forth in the award fee plan. Provisional payment of a proportional monthly amount equivalent of an amount up to 50% of the available award fee for this CLIN may be permitted.

Immediately upon the FDO's final determination of the award fee for the evaluation period, the Contractor may invoice any fee amount not previously paid or must repay any excess amount paid. Any unearned award fee from this CLIN shall not be eligible to be earned in any other CLINs.

Modification No.	Accounting and Appropriation Data	Obligation Amount*
A000	01250 2010 34 421301 25200 1110909 0001481 0000000	\$900,775.91
	000000 000000	
A002	01250 2010 34 421601 25200 1110849 0001525 0421398	\$24,000.00
A003	1250 2010 34 421601 25200 1110849 0001525 041398	\$76,000.00
A003	890251 2010 34 421301 61000000 25200 1110909 0001481	\$4,000,000.00
A003	01250 2034 421601 25200 1110849 0001525 041398	\$100,000.00
A004	01250 2010 34 422100 61000000 25200 1110843 0001524	\$309,604.00
A005	01250 2010 34 421301 25200 1110909 0001481 0000000	\$1,000,000.00
	000000 000000	
A006	01250 2010 34 421301 25200 1110909 0001481 0000000	\$960,000.00
	000000 000000	
A010	01250 2010 34 421301 61000000 25200 1111412 0004263	\$243,558.69
A011	01250 2010 34 421301 61000000 25200 1110909 0001481	\$1,125,886.00
A016	01250 2010 34 421301 25200 1110909 0001481 0000000	\$370,523.83
	000000-000000	
A016	01250 2010 34 421301 25200 1110676 0004022 0000000	\$3,155.93
	000000 000000	
A017	01250 2010 34 421301 25200 1110909 0001481 0000000	\$850,000.00
	000000 000000	
A019	01250 2011 34 421301 25200 1110909 0001481 0000000	\$500,000.00
	000000 000000	
A019	01250 2010 34 421301 25200 1110909 0001481 0000000	\$9.56
	000000 000000	
A021	01250 2011 34 421301 25200 1110909 0001481 0000000	\$866,000.00
	000000 000000	
022	01250 2011 34 421601 25200 1110849 0001525	\$65,985.00
022	01250 2011 34 421601 25200 1110842 0001522	\$132,488.00
022	01250 2011 34 421601 25200 1110820 0001520	\$3,810.00
023	01250 2011 34 421301 25200 1110909 0001481 0000000	\$500,000.00
	000000 000000	

Funds Obligated to CLIN 02:

024	01250 2011 34 421 301 25200 1110909 0001481 0000000 0000000 000000	\$1,500,000.00
029	01250 2009 34 421301 25200 1110676 0004022 0000000 0000000	\$130,000.00
029	01250 2010 34 421301 25200 1111412 00042 63 000000 0000000	\$181,120.29
029	01250 2011 34 421301 25200 1110909 0001481 0000000 0000000	\$400,000.00
030	01250 2011 34 421301 25200 1110909 0001481 0000000 0000000	\$500,000.00
031	01250 2011 034 421301 25200 1110909 0001481 0000000 0000000	\$400,000.00
TOTAL		\$15,142,917.21

* Subject to Section I Clause FAR 52.232-22 entitled, *Limitation of Funds (APR 1984)*, the CLIN 02 value is estimated to be no more than \$25,593,408.48 (including Award Fee). The cumulative amount identified in this column is the total amount presently available for payment under this CLIN.

(c) OPTION PERIOD I:

CLIN	Number	Description	Estimated Cost
	3	Analytical Services & Testing	\$12,846,805.51

CLIN 03 Description:

The performance of CLIN 03 includes the total estimated costs for the performance period stated in Section F.1 and the total award fee that can be earned (less any adjustment made in accordance with Section B Clause *DEAR 952.223-77 Conditional Payment of Fee* and Section H Clause *Key Personnel*).

The total available award fee for this CLIN is <u>\$929,161.06</u>. There is no base fee for this CLIN. The award fee for this CLIN shall be awarded upon the unilateral determination of DOE's fee determination official (FDO) that an award fee has been earned. The unilateral decision is made solely at the discretion of the government. This determination shall be based upon the FDO's evaluation of the Contractor's performance, as measured against the evaluation criteria set forth in the award fee plan. Provisional payment of a proportional monthly amount equivalent of an amount up to 50% of the available award fee for this CLIN may be permitted.

Immediately upon the FDO's final determination of the award fee for the evaluation period, the Contractor may invoice any fee amount not previously paid or must repay any excess amount paid. Any unearned award fee from this CLIN shall not be eligible to be earned in any other CLINs.

Funds Obligated to CLIN 03:

Modification No.

Accounting and Appropriation Data

Obligation Amount*

To be inserted at the time of option exercise

* Subject to Section I Clause FAR 52.232-22 entitled, *Limitation of Funds (APR 1984)*, the CLIN 03 value is estimated to be no more than \$<u>To be inserted at the time of option exercise</u> (including Award Fee). The cumulative amount identified in this column is the total amount presently available for payment under this CLIN. It is estimated this amount will cover performance through <u>To be inserted at the time of option exercise</u>.

(d) **OPTION PERIOD II**:

CLIN Number	Description	Estimated Cost	
4	Analytical Services & Testing	\$13,324,325.55	

CLIN 04 Description:

The performance of CLIN 04 includes the total estimated costs for the performance period stated in Section F.1 and the total award fee that can be earned (less any adjustment made in accordance with Section B Clause *DEAR* 952.223-77 *Conditional Payment of Fee* and Section H Clause *Key Personnel*).

The total available award fee for this CLIN is <u>\$961,635.30</u>. There is no base fee for this CLIN. The award fee for this CLIN shall be awarded upon the unilateral determination of DOE's fee determination official (FDO) that an award fee has been earned. The unilateral decision is made solely at the discretion of the government. This determination shall be based upon the FDO's evaluation of the Contractor's performance, as measured against the evaluation criteria set forth in the award fee plan. Provisional payment of a proportional monthly amount equivalent of an amount up to 50% of the available award fee for this CLIN may be permitted.

Immediately upon the FDO's final determination of the award fee for the evaluation period, the Contractor may invoice any fee amount not previously paid or must repay any excess amount paid. Any unearned award fee from this CLIN shall not be eligible to be earned in any other CLINs.

Funds Obligated to CLIN 04:

Modification No. Accounting and Appropriation Data Obligation Amount*

To be inserted at the time of option exercise

* Subject to Section I Clause FAR 52.232-22 entitled, *Limitation of Funds (APR 1984)*, the CLIN 04 value is estimated to be no more than \$<u>To be inserted at the time of option exercise</u> (including Award Fee). The cumulative amount identified in this column is the total amount presently available for payment under this CLIN. It is estimated this amount will cover performance through <u>To be inserted at the time of option exercise</u>.

(e) **OPTION PERIOD III**:

CLIN Number	Description	Estimated Cost
5	Analytical Services & Testing	\$12,351,009.12

CLIN 05 Description:

The performance of CLIN 05 includes the total estimated costs for the performance period stated in Section F.1 and the total award fee that can be earned (less any adjustment made in accordance with Section B Clause *DEAR* 952.223-77 *Conditional Payment of Fee* and Section H Clause *Key Personnel*).

The total available award fee for this CLIN is <u>\$895,449.78</u>. There is no base fee for this CLIN. The award fee for this CLIN shall be awarded upon the unilateral determination of DOE's fee determination official (FDO) that an award fee has been earned. The unilateral decision is made solely at the discretion of the government. This determination shall be based upon the FDO's evaluation of the Contractor's performance, as measured against the evaluation criteria set forth in the award fee plan. Provisional payment of a proportional monthly amount equivalent of an amount up to 50% of the available award fee for this CLIN may be permitted.

Immediately upon the FDO's final determination of the award fee for the evaluation period, the Contractor may invoice any fee amount not previously paid or must repay any excess amount paid. Any unearned award fee from this CLIN shall not be eligible to be earned in any other CLINs.

Funds Obligated to CLIN 05:

Modification No. Accounting and Appropriation Data Obligation Amount*

To be inserted at the time of option exercise

* Subject to Section I Clause FAR 52.232-22 entitled, *Limitation of Funds (APR 1984)*, the CLIN 05 value is estimated to be no more than \$ <u>To be inserted at the time of option exercise</u> (including Award Fee). The cumulative amount identified in this column is the total amount presently available for payment under this CLIN. It is estimated this amount will cover performance through <u>To be inserted at the time of option exercise</u>.

(f) ARRA ANALYTICAL SERVICES AND TESTING

CLIN Number	Description	Estimated Cost	
6	PRC ARRA Analytical Services & Testing	To be Determined	

CLIN 06 Description:

The performance of CLIN 06 includes the total estimated costs for the performance period from January 3, 2010 through January 2, 2012. The total fee that can be earned (less any adjustment made in accordance with Section B Clause DEAR 952.223-77 Conditional Payment of Fee and Section H Clause Key Personnel), for this CLIN, is \$334,374.00.

ARRA Project	Cost	Fee	Total
K East Reactor (1111330)	\$173,047.90	\$10,031.22	\$183,079.12
Balance of Site (1111329)	1,846,132.55	120,374.64	1,966,507.19
PFP Demo (1111328)	3,132,589.20	203,968.14	3,336,557.34
Total	\$5,151,769.65	\$334,374.00	\$5,486,143.65

Funds Obligated to CLIN 06:

\$5,486,143.65 is obligated to CLIN 06 as follows:

Type of Funding	Line of Accounting	Obligated Amount
ARRA PRC RL-11	06049 2009 34 421601 25200 1111328 2002140 0000000 0000000 000000	\$2,901,000.00
ARRA PRC RL-11	06049 2009 34 421601 25200 1111328 2002140 0000000 0000000 000000	\$435,557.34
ARRA PRC RL-40	06049 2009 34 421601 25200 1111329 2002140 0000000 0000000 000000	\$996,000.00
ARRA PRC RL-40	06049 2009 34 421601 25200 1111329 2002140 000000 000000 000000	\$970,507,19
ARRA PRC RL-41	06049 2009 34 421601 25200 1111330 2002140 0000000 0000000 000000	\$183,079.12
	TOTAL	\$5,486,143.65

The contractor shall not incur any costs in excess of this amount.

a signature block to clearly identify the employee as contractor support service staff. Example is as follows:

Mary Smith

XYZ Corp. Contractor to the

US Department of Energy, Office of River Protection

G.2 CONTRACT ADMINISTRATION

The DOE Contracting Officer and correspondence address is:

Susan C. Johnson Contracting Officer US DOE Office of River Protection P.O. Box 450, MSIN H6-60 Richland, WA 99352

The DOE Contracting Officer Representative and correspondence address is:

Janet Deidiker Contracting Officer Representative US DOE Office of River Protection P.O. Box 450, MSIN H6-60 Richland, WA 99352

Robert Carosino Contracting Officer Representative – Limited to Litigation Management and Legal Policy US DOE Office of River Protection P.O. Box 450, MSIN H6-60 Richland, WA 99352

The DOE Property Administrator and correspondence address is:

Cathy Poynor Property Administrator US DOE Office of River Protection P.O. Box 450, MSIN H6-60 Richland, WA 99352

G.3 CONTRACTOR'S POINT OF CONTACT

PART II - CONTRACT CLAUSES

SECTION I – CONTRACT CLAUSES

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Contract No. DE-AC27-10RV15051 Conformed thru Contract Modification No. 033

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1.119 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; provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least <u>60</u> 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 period of performance through the exercise of Option Periods I, II and III.

ATTACHMENT 1: DOE DIRECTIVES APPLICABLE TO THE 222-S LAB

The DOE Directives found in the following listing are the "List of Applicable Directives" and "List B" as those terms are used in paragraph (b) of Section I Clause, Laws, Regulations, and DOE Directives. The Contractor shall follow the established exemption process to obtain relief from requirements of these regulations where applicable.

It is anticipated during the performance of this contract, the conditions for applicability of certain DOE Directive may no longer exist. In any such situation where the Contractor seeks relief from the requirements of such DOE Directives, the Contractor may notify the Contracting Officer in writing explaining the reasons for its belief the DOE Directives no longer apply to contract performance. The Contracting Officer may determine the conditions for applicability of a DOE Directive still exist, and may direct the Contractor to continue compliance with the DOE Directive. Additional, even without such direction by the Contracting Officer, if the conditions for applicability of a DOE Directive applicability applicabili

List B: Applicable DOE Directives

The following is an all-inclusive list of applicable DOE directives.

*Those directives marked "Supplement," are DOEL-RL CRDs that are in addition to the DOE-HQ CRDs. The Section B clarification and Section C supplemental requirements apply in addition to the HQ CRDs. Any specific clarifications or requirements do not apply unless otherwise notes.

Order Number/Changes	Title
DOE O 130.1 CRD	Budget Formulation Process
DOE M 140.1-1B CRD	Interface with the Defense Nuclear Facilities Safety Board
DOE 0 142.3A	Unclassified Foreign Visits and Assignments
	Comprehensive Emergency Management System
	Attachment 2, CRD
	Item 2
	· Item 5
	· Item 6
	Item 7
	· Item 9
	· Item 10
	Item 11
	· Item 13
	Item 14
DOE O 151.1C CRD	· Item 15
DOE O 200.1A CRD	Information Technology Management
DOE O 205.1A CRD	Department of Energy Cyber Security Management

Order Number/Changes	Title
DOE O 210.2 CRD	DOE Operating Experience Program
,	Reporting Fraud, Waste, and Abuse to the Office of Inspector
DOE O 221.1A CRD	General
DOE O 221.2A CRD	Cooperation with the Office of Inspector General
DOE O 225.1A CRD	Accident Investigations
DOE O 226.1A CRD	Implementation of DOE Oversight Policy
DOE M 231.1-1A,	
Change 2, CRD	Environmental, Safety and Health Reporting Manual
DOE M 231,1-2, Rev 1,	
CRD	Environment, Safety and Health Reporting
DOE O 232.1A	Occurrence Reporting and Processing of Operations Information
DOE 0 241.1A,	Land and the second
Change 1, CRD	Scientific and Technical Information Management
DOE O 350.1, Change	
3	Contractor Human Resources Management Programs
DOE O 413.1B CRD	Internal Control Program
DOE O 414.1C, CRD	Quality Assurance
DOE O 435.1, Change	
1, CRD	Radioactive Waste Management
DOE O 442.1A, CRD	Department of Energy Employee Concerns Program
	Differing Professional Opinions Manual for Technical Issues
DOE M 442.1-1 CRD	Involving Environment, Safety and Health
DOE P 450.7	Environmental Safety and Health (ESH) Goals
DOE M 450.4-1, CRD	Integrated Safety Management System Manual
DOE P 450.4	Safety Management System Policy
DOE O 460.1B CRD	Packaging and Transportation Safety
DOE 0 471.3, Change	
1, CRD	Identifying and Protecting Official Use Only Information
DOE M 471.3-1 CRD	Manual for Identifying and Protecting Official Use Only Information
DOE M 470.4-6	
Change 1, CRD	Nuclear Material Control and Accountability
DOE O 475.1 CRD	Counter Intelligence Program
DOE O 422.1	Conduct of Operations
	Personnel Selection, Qualification, and Training Requirements for DOE Nuclear Facilities
	Preamble, Section 8.a
	Attachment 1, Contractor Requirements Document
	Chapter I, Section 2
	Chapter I, Section 3
	Chapter I, Section 4.a
	Chapter I, Section 4.b
	Chapter I, Section 5
	Chapter I, Section 7 Introduction, Sentence 1 and 2
	Chapter I, Section 7
	Chapter I, Section 8
	Chapter I, Section 9
DOE O 5480.20 A,	Chapter I, Section 10

Chapter I, Section 12Chapter I, Section 13Chapter I, Section 15Chapter IV, Section 2Chapter IV, Section 4.a (where lab techs are equated operators)Chapter IV, Section 4.cHanford Emergency Management PlanSection 11.1Section 11.1Section 12.0ORP M 420.1-1, CRDDOE M 206.5Personal Identity - Security BreachesDOE M 470.4-4,Change 1, CRDInformation SecurityORP M 410.2CFacility Representative ProgramDOE O 110.3A CRDORP M 441.1-1Nuclear Material Packaging ManualDOE O 150.1 CRDContinuity ProgramsDOE N 206.4Personal Identity VerificationDOE O 243.1 CRDKappen K 440.4Continuity ProgramsDOE O 243.2 CRDVital Records	to
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DOE O 450.1A CRD Environmental Protection Program	
DOE O 474.1A Control and Accountability of Nuclear Materials	
DOE 0223-RL Emergency Implementing Procedures	******
DOE O 142.1, CRD Classified Visits Involving Foreign Nationals	
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