AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	E P/	AGE OF	PAGES 12	
2. AMENDMENT/MODIFICATION NO. 035	3. EFFECTIVE DATE (M/D/Y) See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 11EM002483 5. PROJECT NO. (If applicable)				
6. ISSUED BY CODE		7. ADMINISTER	ED BY (If other 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. AMENDM	ENT OF SOLIC	TITATION NO.	
Advanced Technologies and Laboratories (Atten: Jou Hwang 20010 Century Blvd., Suite 500 Germantown, MD 20874-1119	ATL)		9B. DATED (S 10A. MODIFIC DE-AC 10B. DATED (TATION OF CO		DER NO.
CODE 827013467	FACILITY CODE		Novem	ber 20, 200	19	
11. THIS I	TEM APPLIES TO AMENI	OMENTS OF S	OLICITATIONS			
submitted: or (c) By separate letter or telegram which includes a PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO desire to change an offer already submitted, such change may be prior to the opening hour and date specified. 12. ACCOUNTING AND APPROPRIATION DATA (If required) 13. THIS ITEM ALT MODIFIES CHECK ONE A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (S) B. THE ABOVE NUMBERED CONTRACT/ORDER IS IN ITEM 14, PURSUANT TO AUTHORITY OF FAR 4: C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED Clause 1.75, "FAR 52.243-2 Changes – Cost Received of the contract of the con	nour and date specified in the solicitates of the amendment; (b) By acknowle reference to the solicitation and amend THE DATE AND HOUR SPECIFIED made by telegram or letter, provided red) PPLIES ONLY TO MODIFICATION THE CONTRACT/ORDER pecify authority THE CHANGES SET F. MODIFIED TO REFLECT ADMINIS 3.103(b). D INTO PURSUANT TO THE AUTHORISM CONTRACT/ORDER AUTHORISM CONTRACT/ORDER CONTRACT/ORDER PECIFORM CONTRACT/ORDER CON	tion or as amended. edging receipt of the diment numbers. From the diment numbers. From the diment numbers. From the diment numbers. From the dimention of the district of the	by one of the following means amendment on each copy AILURE OF YOUR ACKNO REJECTION OF YOUR OF tter makes reference to the CONTRACTS/ORD FORTH IN ITEM 14 RE MADE IN THE CONTRACES (such as changes in paying 1984)"	y of the offer WLEDGEMEN FER. If by vir solicitation and PERS,	NT TO BE REC tue of this ame d amendment a	endment you and is received
E. IMPORTANT: Contractor is not, is a large is set. 14. DESCRIPTION OF AMENDMENT/MODIFICATION (O	required to sign this document rganized by UCF section headings, i)	<u>. </u>
Except as provided herein, all terms and conditions of the docum 15A. NAME AND TITLE OF SIGNER (Type or print) Dr. Jou G. Hwang President 15B. CONTRACTOR/OFFEROR	nent referenced in Item 9A or 10A. as	16A. NAME AN Ms. Cont	d, remains unchanged and in the state of CONTRACT Susan C. Johnson tracting Officer		R (Type or pri	int) E SIGNED
		BY				
(Signature of person authorized to sign)		(Sign	ature of Contracting Office	er)		

Purpose of Modification:

The purpose of this modification is to update Section B, *Supplies or Services & Prices/Costs*, and Section J, *List of Attachments*. This modification also transmits a conformed copy of Contract No. DE-AC27-10RV15051, which is conformed through this modification.

Description of Modification:

- 1. Revise Contract Section B, Supplies or Services and Prices/Costs, Contract Clause B.1, Type of Contract Items Being Acquired, as follows:
 - a. Remove Total Fee Earned Table, which was inadvertently included in Contract Modification No. 33;
 - b. Change estimated cost of CLIN 6 from "To Be Determined" to "\$5,151,769.65" in Total Estimated Contract Cost and Total Funds Obligated Tables. This action is taken to correct an error. Funding for CLIN 6 was definitized in Contract Modification No. 18;
 - c. Update paragraph (f), *ARRA Analytical Services and Testing*, from "To Be Determined" to "\$5,151,769.65". This action is taken to correct an error. This action is taken to correct an error. Funding for CLIN 6 was definitized in Contract Modification No. 18.

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	\$5,151,769.65	\$334,374.00
	TOTAL	\$67,635,770.56	\$4,851,382.42
TECC (ES	STIMATED COST & ESTIMATED FEE)	\$72,487,152.98	

	TOTAL FUNDS OBLIC	GATED	
CLIN Number	Description	Estimated Cost	Funds Obligated
1	Contract Transition	\$99,214.53	\$99,214.53
2	Analytical Services & Testing	\$23,862,646.20	\$16,042,917.21
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	\$5,151,769.65	\$5,486,143.65
	TOTAL	\$67,635,770.56	\$21,628,275.39

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 0000000	\$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) **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.

Funds Obligated to CLIN 02:

Modification	Accounting and Appropriation Data	Obligation
<u>No.</u>		Amount*
A000	01250 2010 34 421301 25200 1110909 0001481	\$900,775.91
	0000000 0000000 000000	
A002	01250 2010 34 421601 25200 1110849 0001525	\$24,000.00
	0421398	
A003	1250 2010 34 421601 25200 1110849 0001525 041398	\$76,000.00
A003	890251 2010 34 421301 61000000 25200 1110909	\$4,000,000.00
	0001481	
A003	01250 2034 421601 25200 1110849 0001525 041398	\$100,000.00
A004	01250 2010 34 422100 61000000 25200 1110843	\$309,604.00
	0001524	
A005	01250 2010 34 421301 25200 1110909 0001481	\$1,000,000.00
<u> </u>	0000000 0000000 000000	
A006	01250 2010 34 421301 25200 1110909 0001481	\$960,000.00
	0000000 0000000 000000	
A010	01250 2010 34 421301 61000000 25200 1111412	\$243,558.69
	0004263	
A011	01250 2010 34 421301 61000000 25200 1110909	\$1,125,886.00
	0001481	

1016	01070 0010 24 401001 07000 4440000 0077	
A016	01250 2010 34 421301 25200 1110909 0001481	\$370,523.83
	0000000 0000000 000000	
A016	01250 2010 34 421301 25200 1110676 0004022	\$3,155.93
	0000000 0000000 000000	
A017	01250 2010 34 421301 25200 1110909 0001481	\$850,000.00
	0000000 0000000 000000	
A019	01250 2011 34 421301 25200 1110909 0001481	\$500,000.00
	0000000 0000000 000000	
A019	01250 2010 34 421301 25200 1110909 0001481	\$9.56
	0000000 0000000 000000	
A021	01250 2011 34 421301 25200 1110909 0001481	\$866,000.00
	0000000 0000000 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
	0000000 0000000 000000	, , , , , , , , , , , , , , , , , , ,
024	01250 2011 34 421301 25200 1110909 0001481	\$1,500,000.00
	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	
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	1.00,000.00
34	01250 2011 034 421301 25200 1110909 0001481	\$900,000.00
	0000000 0000000	\$700,000.00
TOTAL		\$16,042,917.21
	_ <u> </u>	T 2 2

^{*} 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 \$\frac{To be inserted at the time of option exercise}\$ (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 \$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 \$\frac{To be inserted at the time of option exercise}{\text{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*.

(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 \$895,449.78. 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	\$5,151,769.65

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-	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	
11	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 0000000 0000000	
41	000000	\$183,079.12
	TOTAL	\$5,486,143.65

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

- 2. The table in Section J, *List of Attachments*, Attachment 1, *DOE Directives Applicable to the 222-S Lab*, is updated to incorporate the following changes:
 - Update DOE Manual (M) 470.4-4, Change 1, Contractor Requirements Document (CRD), *Information Security Manual*, to DOE M 470.4-4A, Change 1, CRD, *Information Security Manual*.
 - Update DOE Order (O) 225.1A, CRD, *Accident Investigations*, to DOE O 225.1B, CRD, *Accident Investigations*.

The table in Section J, Attachment 1 is deleted in its entirety and replaced with the following:

Order Number/Changes	Title -
DOE O 110.3A CRD	Conference Management
DOE O 130.1 CRD	Budget Formulation
DOE M 140.1-1B,	
CRD	Interface with the Defense Nuclear Facilities Safety Board
DOE O 142.1, CRD	Classified Visits Involving Foreign Nationals
DOE O 142.2A, CRD	Voluntary Offer Safegaurds Agreement and Additional Protocol with the International Atomic Energy Agency
	Voluntary Offer Safegaurds Agreement and Additional Protocol
DOE M 142.2-1	with the International Atomic Energy Agency
DOE O 142.3 A	Unclassified Foreign Visits and Assignments Program

Order Number/Changes	Title
DOE O 150.1 CRD	Continuity Programs
	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
DOE N 206.4	Personal Identity Verification
	Response and Notification Procedures for Data Breaches
DOE N 206.5	Involving Personally Identifiable Information
DOE O 210.2 CRD	DOE Corporate 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	Environment, Safety and Health Reporting Manual
	Occurrence Reporting and Processing of Operations
DOE M 231.1-2, CRD	Information
DOE O 241.1A,	
Change 1, CRD	Scientific and Technical Information Management
DOE O 243.1 CRD	Records Management Program
DOE O 243.2 CRD	Vital Records
DOE O 350.1, Change	
3, CRD	Contractor Human Resource Management Programs
DOE O 413.1B CRD	Internal Control Program
DOE O 414.1C, CRD	Quality Assurance
DOE O 422.1, CRD	Conduct of Operations
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

Order Number/Changes	Title	
DOE O 450.1A CRD	Environmental Protection Program	
DOE P 450.4	Safety Management System Policy	
DOE M 450.4-1, CRD	Integrated Safety Management System Manual	
DOE P 450.7	Environmental Safety and Health (ESH) Goals	
DOE O 460.1B CRD	Packaging and Transportation Safety	
DOE M 470.4-6 Change 1, CRD	Nuclear Material Control and Accountability	
DOE O 471.3, Change 1	Identifying and Protecting Official Use Only Information	
DOE M 471.3-1 CRD	Manual for Identifying and Protecting Official Use Only Information	
DOE O 475.1 CRD	Counterintelligence Program	
	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	
	· 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	
DOE O 5480.20 A,	to operators)	
Change 1	· Chapter IV, Section 4.c	
DOE-0223	RL- Emergency Implementing Procedures	
	Hanford Emergency Management Plan	
	· Section 11.1	
	· Section 11.1.3	
DOE/RL-94-02, Rev 4	· Section 12.0	
DOE/RL 96-68	HASQARD, Revision 3	
ORP M 420.2C	Facility Representative Program	
ORP M 420.1-1, CRD	ORP Fire Protection Program	

Order	Title
Number/Changes	
ORP M 441.1-1	Nuclear Material Packaging Manual

3. The table in Section J, *List of Attachments*, Attachment 5, *Hanford Site Services and Interface Requirements Matrix*, is deleted in its entirety and replaced with the following:

FROM:

Section J, List of Attachments, Attachment 5, Hanford Site Services and Interface Requirements Matrix, conformed through initial award (Reference Attachment 1).

TO:

Section J, List of Attachments, Attachment 5, Hanford Site Services and Interface Requirements Matrix, conformed through initial award (Reference Attachment 2).

All other terms and conditions remain unchanged.

Attachments

- 1. Section J, List of Attachments, Attachment 5, Hanford Site Services and Interface Requirements Matrix, conformed through initial award.
- 2. Section J, List of Attachments, Attachment 5, Hanford Site Services and Interface Requirements Matrix, conformed through Contract Modification No. 035.
- 3. Conformed Contract No. DE-AC27-10RV15051 through Contract Modification No. 035.

(End of Modification)