

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1 CONTRACT ID CODE		PAGE OF PAGES	
				1   7	
2 AMENDMENT/MODIFICATION NO 058		3 EFFECTIVE DATE See Block 16C		4 REQUISITION/PURCHASE REQ NO. 12EM000950	
6 ISSUED BY Office of River Protection U.S. Department of Energy Office of River Protection P.O. Box 450 Richland WA 99352		CODE 00603		7 ADMINISTERED BY (If other than Item 6) Office of River Protection U.S. Department of Energy Office of River Protection P.O. Box 450 Richland WA 99352	
				CODE 00603	
8 NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ADVANCED TECHNOLOGIES AND LABORATORIES (ATL) Attn: JOU HWANG 20010 CENTURY BLVD., SUITE 500 GERMANTOWN MD 208741119		(x)		9A AMENDMENT OF SOLICITATION NO	
				9B DATED (SEE ITEM 11)	
		x		10A MODIFICATION OF CONTRACT/ORDER NO DE-AC27-10RV15051	
				10B DATED (SEE ITEM 13) 11/20/2009	
CODE 827013467		FACILITY CODE			

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12 ACCOUNTING AND APPROPRIATION DATA (If required)**

Reference Continuation Block

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

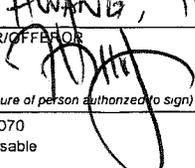
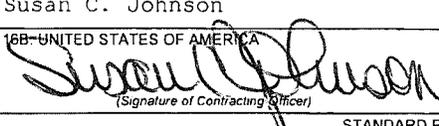
CHECK ONE	A THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF
	D OTHER (Specify type of modification and authority)
X	Contract Clause I.75 and I.108

**E. IMPORTANT:** Contractor is not x is required to sign this document and return 2 copies to the issuing office.

**14 DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)**

Period of Performance: 01/03/2010 to 01/03/2015

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

15A NAME AND TITLE OF SIGNER (Type or print) Jou Hwang, President		16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Susan C. Johnson	
15B CONTRACTOR/OFFICER  (Signature of person authorized to sign)		16B UNITED STATES OF AMERICA  (Signature of Contracting Officer)	
15C DATE SIGNED 4/2/2012		16C DATE SIGNED 01/25/2012	

**Purpose of Modification:**

The purpose of this modification is to update Contract Section B, *Supplies or Services and Prices/Costs*, and Contract Section J, *List of Attachments*. The changes made herein are incorporated at no additional cost to the Government.

**Description of Modification:**

1. Under the authority of Contract Clause I.75, *FAR 52.243-2 Changes – Cost Reimbursement (AUG 1987) – Alternate III (APR 1984)*, the table in Contract Section B, *Supplies or Services and Prices/Costs*, Contract Clause B.1, *Type of Contract – Items Being Acquired*, paragraph (b), *Base Period*, is updated to correct the accounting and appropriation data for Contract Modification No. 47. The object class is changed from 25400 to 25200. This correction is made in accordance with Purchase Requisition No. 12EM000190, which shows the object class as 25200.
2. The table in Contract Clause B.1, *Type of Contract – Items Being Acquired*, paragraph (b), *Base Period*, is deleted in its entirety and replaced with the following table, which reflects the changes described herein.

<u>Modification No.</u>	<u>Accounting and Appropriation Data</u>	<u>Obligation Amount*</u>
A000	01250 2010 34 421301 25200 1110909 0001481 0000000 0000000 0000000	\$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 0000000	\$1,000,000.00
A006	01250 2010 34 421301 25200 1110909 0001481 0000000 0000000 0000000	\$960,000.00
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 0000000 0000000	\$370,523.83

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A016	01250 2010 34 421301 25200 1110676 0004022 0000000 0000000 0000000	\$3,155.93
A017	01250 2010 34 421301 25200 1110909 0001481 0000000 0000000 0000000	\$850,000.00
A019	01250 2011 34 421301 25200 1110909 0001481 0000000 0000000 0000000	\$500,000.00
A019	01250 2010 34 421301 25200 1110909 0001481 0000000 0000000 0000000	\$9.56
A021	01250 2011 34 421301 25200 1110909 0001481 0000000 0000000 0000000	\$866,000.00
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 0000000 0000000	\$500,000.00
024	01250 2011 34 421301 25200 1110909 0001481 0000000 0000000 0000000	\$1,500,000.00
029	01250 2009 34 421301 25200 1110676 0004022 0000000 0000000	\$130,000.00
029	01250 2010 34 421301 25200 1111412 0004263 0000000 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
34	01250 2011 034 421301 25200 1110909 0001481 0000000 0000000	\$900,000.00
036	01250 2011 34 421301 25200 1110909 0001481 0000000 0000000	\$500,000.00
038	01250 2011 34 421301 25200 1110909 0001481 0000000 0000000	\$850,000.00
040	01250 2011 34 421301 25200 1110909 0001481 0000000 0000000	\$1,000,000.00
042	01250 2011 34 421301 25200 1110909 0001481 0000000 0000000	\$2,084,000.00
043	01250 2011 34 421601 25200 1110826 0001521 0000000 0000000	\$11,000.00
044	01250 2009 34 421301 25200 1110676 0004022 0000000 0000000	(\$120,362.43)
044	01250 2010 34 421301 25200 1111412	(\$82,591.81)

	0004263 0000000 0000000	
044	01250 2011 34 421301 25200 1110909 0001481 0000000 0000000	\$450,000.00
044	01250 2008 34 421301 25200 1110676 0003918 0000000 0000000	\$11,412.89
045	01250 2012 34 421601 25400 1110820 0001520 0000000 0000000 0000000	\$300,000.00
045	01250 2012 34 421601 25400 1110826 0001521 0000000 0000000 0000000	\$13,000.00
045	01250 2012 34 421601 25400 1110849 0001525 0000000 0421398 0000000	\$10,000.00
047	01250 2012 34 421301 25200 1110909 0001481 0000000 0421398 0000000	\$130,000.00
49	01250 2012 34 421301 25200 1110909 0001481 0000000 0000000 0000000	\$700,000.00
51	01250 2012 34 421301 25200 1110909 0001481 0000000 0000000 0000000	\$205,000.00
52	01250 2012 34 421301 25200 1110909 0001481 0000000 0000000 0000000	\$200,000.00
<b>TOTAL</b>		<b>\$22,304,375.86</b>

3. Under the authority of Contract Clause I.108, DEAR 970.5204-2, *Laws, Regulations, and DOE Directives (DOE 2000)*, Contract Section J, *List of Attachments*, Attachment 1, *DOE Directives Applicable to the 222-S Lab*, is updated and the following directives are added:

- DOE Order (O) 471.6, *Information Security*, Contractor Requirements Document (CRD);
- DOE O 472.2, *Personnel Security*, CRD; and
- DOE O473.3, *Protection Program Operations*, CRD.

These directives are added at no additional cost to the Government.

4. The table in Contract Section J, *List of Attachments*, Attachment 1, *DOE Directives Applicable to the 222-S Lab*, is deleted in its entirety and replaced with the following table, which reflects the changes described herein.

Order Number/Changes	Title
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 Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency

Order Number/Changes	Title
DOE M 142.2-1	Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency
DOE O 142.3 A	Unclassified Foreign Visits and Assignments Program
DOE O 150.1 CRD	Continuity Programs
DOE O 151.1C CRD	Comprehensive Emergency Management System
DOE O 151.1C CRD DOE O 200.1A CRD	Attachment 2, CRD
	· Item 2
	· Item 5
	· Item 6
	· Item 7
	· Item 9
	· Item 10
	· Item 11
	· Item 13
	· Item 14
· Item 15	
	Information Technology Management
DOE O 205.1A CRD	Department of Energy Cyber Security Management
DOE N 206.4	Personal Identity Verification
DOE N 206.5	Response and Notification Procedures for Data Breaches Involving Personally Identifiable Information
DOE O 210.2A	DOE Corporate Operating Experience Program
DOE O 210.2 CRD	DOE Corporate 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 225.1B, 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
DOE M 231.1-2, CRD	Occurrence Reporting and Processing of Operations 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  *Exclude all of 5(b) paragraph found in Attachment for Chapter 4, on Page IV.
DOE O 413.1B CRD	Internal Control Program

Order Number/Changes	Title
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, Revision 2, CRD	Department of Energy Employee Concerns Program
DOE M 442.1-1 CRD	Differing Professional Opinions Manual for Technical Issues Involving Environment, Safety and Health
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 470.4-1, Change 2, CRD	Safeguards and Security Program Planning and Management
DOE M 470.4-2A, CRD	Physical Protection
DOE M 470.4-4A, Change 1, CRD	Information Security
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 471.6, CRD	Information Security
DOE O 472.2, CRD	Personnel Security
DOE O 473.3, CRD	Protection Program Operations
DOE O 475.1 CRD	Counterintelligence Program
DOE O 551.1C, CRD	Official Foreign Travel
DOE O 5480.20 A, Change 1	Personnel Selection, Qualification, and Training Requirements for DOE Nuclear Facilities
DOE O 5480.20 A, Change 1 DOE-0223	· 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

Order Number/Changes	Title
	· 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 to operators)
	· Chapter IV, Section 4.c
	RL- Emergency Implementing Procedures
DOE/RL-94-02, Rev 4	Hanford Emergency Management Plan
DOE/RL-94-02, Rev 4 DOE/RL 96-68	· Section 11.1
	· Section 11.1.3
	· Section 12.0
	HASQARD, Revision 3
ORP M 420.2C	Facility Representative Program
ORP M 420.1-1, CRD	ORP Fire Protection Program
ORP M 441.1-1	Nuclear Material Packaging Manual

5. **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.

6. All other terms and conditions remain unchanged.

**(End of Modification)**