

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 5	
2. AMENDMENT/MODIFICATION NO. 071	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 12EM002745	5. PROJECT NO. (If applicable)	
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 555 QUINCE ORCHARD ROAD, SUITE 500 GAITHERSBURG MD 208781437		(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
CODE 827013467 FACILITY CODE		x 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC27-10RV15051	10B. DATED (SEE ITEM 13) 11/20/2009	

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)

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

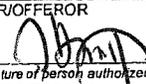
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Contract Clause I.108, DEAR 970.5204-2, Laws, Regulations, and DOE Directives (DOE 2000)
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, 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.)

Reference Continuation Pages
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/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 7/25/2012	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 07/16/2012

Purpose of Modification:

The purpose of this modification is to update 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.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 as follows:
 - Replace DOE Manual (M) 420.2C, *Facility Representative Program*, with Facility Representative Contractor Requirements Document MGT-PM-IP-08, Attachment 9.2, *Facility Representative Program*.
2. 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
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

Order Number/Changes	Title
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 O 226.1B	Implementation of DOE Oversight Policy
DOE O 231.1B, CRD	Environment, Safety, and Health Reporting
DOE M 231.1-2, CRD	Occurrence Reporting and Processing of Operations Information
DOE O 232.2, 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
DOE O 414.1C, CRD	Quality Assurance
DOE O 422.1, CRD	Conduct of Operations
DOE O 426.2, CRD	Personnel Selection, Training, Qualification and Certification Requirements for DOE Nuclear Facilities
DOE O 435.1, Change 1, CRD	Radioactive Waste Management
DOE M 441.1-1	Nuclear Material Packaging Manual
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 442.2, CRD	Differing Professional Opinions for Technical Issues Involving Environmental, Safety, and Health Technical Concerns
DOE O 450.1A CRD	Environmental Protection Program
DOE P 450.4	Safety Management System Policy

Order Number/Changes	Title
DOE M 450.4-1, CRD	Integrated Safety Management System Manual
DOE P 450.7	Environmental Safety and Health (ESH) Goals
DOE O 458.1 CRD	Radiation Protection of the Public and the Environment
DOE O 460.1B CRD	Packaging and Transportation Safety
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
	· 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	

Order Number/Changes	Title
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
MGT-PM-IP-08, Attachment 9.2, CRD	Facility Representative Program
ORP M 420.1-1, CRD	ORP Fire Protection Program

- Contractor's Statement of Release:** In consideration of the Modification agreed to herein for the changes incorporated in Contract Section J, *List of Attachments*, Attachment 1, *DOE Directives Applicable to the 222-S Lab*, with no cost impact to DOE, the Contractor hereby releases the Government from any and all liability under this contract for the incorporation of the said changes.
- All other terms and conditions remain unchanged.

ATTACHMENT:

Section J, Section J, *List of Attachments*, Attachment 1, *DOE Directives Applicable to the 222-S Lab*, conformed thru Contract Modification 071.

(End of Modification)

ATTACHMENT 1:

Section J, Section J, *List of Attachments*, Attachment 1, *DOE Directives Applicable to the 222-S Lab*, conformed thru Contract Modification 071.

(5 pages including cover page)

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 once again arise, the DOE Directive will immediately become applicable once again.

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
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
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

Order Number/Changes	Title
	· 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 O 226.1B	Implementation of DOE Oversight Policy
DOE O 231.1B, CRD	Environment, Safety, and Health Reporting
DOE O 232.2, CRD	Occurrence Reporting and Processing of Operations Information
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
DOE O 414.1C, CRD	Quality Assurance
DOE O 422.1, CRD	Conduct of Operations
DOE O 426.2, CRD	Personnel Selection, Training, Qualification and Certification Requirements for DOE Nuclear Facilities
DOE O 435.1, Change 1, CRD	Radioactive Waste Management
DOE M 441.1-1	Nuclear Material Packaging Manual
DOE O 442.1A, Revision 2,	Department of Energy Employee Concerns Program

Order Number/Changes	Title
CRD	
DOE M 442.1-1 CRD	Differing Professional Opinions Manual for Technical Issues Involving Environment, Safety and Health
DOE O 442.2, CRD	Differing Professional Opinions for Technical Issues Involving Environmental, Safety, and Health Technical Concerns
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 458.1, CRD	Radiation Protection of the Public and the Environment
DOE O 460.1B CRD	Packaging and Transportation Safety
DOE O 470.4B CRD	Safeguards and Security Program
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
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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
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	· 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	

Order Number/Changes	Title
	· 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
	· Section 11.1
DOE/RL-94-02, Rev 4	· Section 11.1.3
DOE/RL 96-68	· Section 12.0
	HASQARD, Revision 3
MGT-PM-IP-08, Attachment 9.2, CRD	Facility Representative Program
ORP M 420.1-1, CRD	ORP Fire Protection Program