

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1   3
2. AMENDMENT/MODIFICATION NO. 0110	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	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)	CODE
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.	
CODE 827013467 FACILITY CODE		9B. DATED (SEE ITEM 11)	
		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 FAR 52.243-2 Changes-Cost Reimbursement (AGC) and additional authorities listed in continuation pages
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not.  is required to sign this document and return 1 copies to the issuing office.

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

The purpose of this modification is to update Contract Section J, Attachment 1, DOE Directives Applicable to the 222-S Lab to add revisions to three DOE Orders. See continuation pages for further details.

Payment:

OR for ORP

U.S. Department of Energy

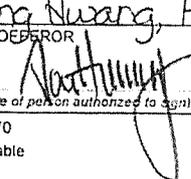
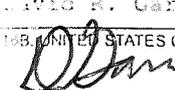
Oak Ridge Financial Service Center

P.O. Box 4307

Oak Ridge TN 37831

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

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

15A. NAME AND TITLE OF SIGNER (Type or print) Jou Guang Hwang, Project Director	15B. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) David R. Garcia
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED
15B. UNITED STATES OF AMERICA	15C. DATE SIGNED
	 (Signature of Contracting Officer)
	SEP 18, 2014

**14. Description of Amendment/Modification Continued:**

1. Update Section J, Attachment 1, DOE Directives Applicable to the 222-S Lab, in accordance with DEAR 970.5204-2 Laws, Regulations, and DOE Directives (DEC 2000), to add DOE Order (O) 150.1A, CRD, Continuity Programs, at no cost. The change is as follows:

**FROM:**

DOE O 142.3 A	Unclassified Foreign Visits and Assignments Program
DOE O 150.1 CRD	Continuity Programs

**TO:**

DOE O 142.3 A	Unclassified Foreign Visits and Assignments Program
DOE O 150.1A CRD	Continuity Programs

2. Update Section J, Attachment 1, DOE Directives Applicable to the 222-S Lab, in accordance with DEAR 970.5204-2 Laws, Regulations, and DOE Directives (DEC 2000), to add DOE O 205.1B, Change 2, CRD, Title, at no cost. The change is as follows:

**FROM:**

DOE O 200.1A CRD	Information Technology Management
DOE O 205.1A, CRD	Department of Energy Cyber Security Management

**TO:**

DOE O 200.1A CRD	Information Technology Management
DOE O 205.1B, Change 2, CRD	Department of Energy Cyber Security Management

3. Update Section J, Attachment 1, DOE Directives Applicable to the 222-S Lab, in accordance with DEAR 970.5204-2 Laws, Regulations, and DOE Directives (DEC 2000), to add DOE O 232.2, Administrative Change 1, CRD, Occurrence Reporting and Processing of Operations Information, at no cost. The change is as follows:

**FROM:**

DOE O 231.1B, Change 1, CRD	Environment, Safety, and Health Reporting Attachment 1, Step 2a Attachment 3, Steps 1 and 2
DOE O 232.2, CRD	Occurrence Reporting and Processing of Operations Information

**TO:**

DOE O 231.1B, Change 1, CRD	Environment, Safety, and Health Reporting Attachment 1, Step 2a Attachment 3, Steps 1 and 2
DOE O 232.2, Admin Change 1, CRD	Occurrence Reporting and Processing of Operations Information

All other terms and conditions remain unchanged.

**Contract Number DE-AC27-10RV15051  
Modification 110  
SF-30 Attachment**

**Attachment**

**DE-AC27-10RV15051**

**MODIFICATION 110**

**Replacement Pages**

**(Total: 4, including this Cover Page)**

- Section J, Attachment 1, DOE Directives Applicable to 222-S Lab, Pages J-1 thru J-3

**PART III - LIST OF DOCUMENTS, EXHIBITS,  
AND OTHER ATTACHMENTS**

**SECTION J**

**LIST OF ATTACHMENTS**

**Table of Contents**

**ATTACHMENT 1: DOE DIRECTIVES APPLICABLE TO THE 222-S LAB ..... 2**  
**ATTACHMENT 2: 222-S LABORATORY DOCUMENTED SAFETY ANALYSIS ..... 5**  
**ATTACHMENT 3: APPLICATIONS, PERMITS, AND NOTICES OF CONSTRUCTION ..... 6**  
**ATTACHMENT 4: WASHINGTON DEPARTMENT OF LABOR WAGE DETERMINATION ..... 7**  
**ATTACHMENT 5: HANFORD SITE SERVICES AND INTERFACE REQUIREMENTS MATRIX ..... 17**  
**ATTACHMENT 6: ADVANCED AGREEMENT – PROCEDURES FOR CHARGING COSTS TO  
WORKFORCE RESTRUCTURING ..... 125**  
**ATTACHMENT 7: PERFORMANCE EVALUATION AND MEASUREMENT PLAN ..... 127**

**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.

<b>Order Number/Changes</b>	<b>Title</b>
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, Change 1, CRD	Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency
DOE M 142.2-1, Change 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 150.1A CRD	Continuity Programs

Order Number/Changes	Title
DOE O 151.1C CRD	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 · Item 15
DOE O 200.1A CRD	Information Technology Management
DOE O 205.1B, Change 2, CRD	Department of Energy Cyber Security Management
DOE O 206.1 CRD	Department of Energy Privacy Program
DOE O 206.2, CRD	Identity, Credential, and Access Management (ICAM)
DOE N 206.5	Response and Notification Procedures for Data Breaches Involving Personally Identifiable Information
DOE O 210.2A 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 226.1B	Implementation of DOE Oversight Policy
DOE O 231.1B, Change 1, CRD	Environment, Safety, and Health Reporting Attachment 1, Step 2a Attachment 3, Steps 1 and 2
DOE O 232.2, Admin Change 1, CRD	Occurrence Reporting and Processing of Operations Information
DOE O 241.1B, CRD	Scientific and Technical Information Management
DOE O 243.1B, Change 1, CRD	Records Management Program
DOE O 243.2 CRD	Vital Records
DOE O 350.1, Change 4,	Contractor Human Resource Management Programs
DOE O 413.1B CRD	Internal Control Program
DOE O 414.1C, CRD	Quality Assurance
DOE O 415.1, Change 1	Information Technology Project Management
DOE O 422.1, CRD	Conduct of Operations