

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 10
2. AMENDMENT/MODIFICATION NO. 027	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) 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)
CODE 827013467		FACILITY CODE	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)
See Schedule

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: I. 75 FAR 52.243-2 Changes- Cost Reimbursement (Aug 1987) - Alternate I (Apr 1984)
	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.)
See 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) <i>Southern, President</i>	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Susan C. Johnson
15B. CONTRACTOR/OFFEROR ORIGINAL SIGNED BY	15C. DATE SIGNED <i>2/24/2011</i>
	16B. UNITE ORIGINAL SIGNED BY <i>SCJ</i>
	16C. DATE SIGNED <i>2/28/11</i>

This modification will replace the following DOE orders in which there shall be no cost or schedule impacts:

- DOE/RL-94-02, Revision 3-Hanford Emergency Management Plan is replaced by DOE/RL-94-02, Revision 4- Hanford Emergency Management Plan
- DOE O 142.3, Change 1, CRD- Unclassified Foreign Visits and Assignments is replaced by DOE O 142.3A- Unclassified Foreign Visits and Assignment Programs
- Update DOE O 350.1, Change 1-Contractor Human Resources Management Programs to DOE O 350.1, Change 3- Contractor Human Resource Management Programs
- Remove DOE M 470.4-4A- Information Security
- Remove DOE O 474.1A- Control and Accountability of Nuclear Materials which is replaced by DOE M 470.4-6 Change 1, CRD- Nuclear Material Control and Accountability
- DOE 0223- Emergency Plan Implementing Procedures is replaced by DOE 0223- RL Emergency Implementing Procedures
- DOE O 5480.19 , Change 2- Conduct of Operations is replaced by DOE O 422.1- Conduct of Operations

As such, Section J, Attachment 1, DOE Directives Applicable to the 222-S Lab, List B, is hereby modified:

From:

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 142.3, Change 1, CRD	Unclassified Foreign Visits and Assignments
DOE O 151.1C CRD	Comprehensive Emergency Management System
	Attachment 2, CRD
	· Item 2
	· Item 5
· Item 6	

Order Number/Changes	Title
	· Item 7
	· Item 9
	· Item 10
	· Item 11
	· Item 13
	· Item 14
	· Item 15
DOE O 205.1A CRD	Department of Energy Cyber Security Management Program
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, Change 2, CRD	Environmental, Safety and Health Reporting Manual
DOE M 231.1-2, Rev 1, CRD	Occurrence Reporting and Processing of Operations Information
DOE O 241.1A, Change 1, CRD	Scientific and Technical Information Management
DOE O 350.1, Change 1, CRD	Contractor Human Resources Management Programs
DOE O 413.1B CRD	Internal Control Program
DOE O 414.1C, CRD	Quality Assurance

Order Number/Changes	Title
DOE O 435.1, Change 1, CRD	Radioactive Waste Management
DOE O 442.1A, 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 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 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 5480.19, Change 2	Conduct of Operations
	· Preamble, Section 5.c.
	· Chapter 1, Section C.1 Sentences 1 through 6
	· Chapter XVI, Section C.1. Para 1, Para 2, sentence 3 and 4
	· Chapter XVI, Section C.2.b.
· Chapter VI, Section C.6. Para 1	
DOE O 5480.20 A, Change 1	Personnel Selection, Qualification, and Training Requirements for DOE Nuclear Facilities

Order Number/Changes	Title
	· 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
DOE/RL-94-02	Hanford Emergency Management Plan
DOE/RL-94-02	· Section 11.1

Order Number/Changes	Title
	Section 11.1.3
	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

To:

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

Order Number/Changes	Title
DOE O 142.3 A	Unclassified Foreign Visits and Assignments Program
DOE O 150.1 CRD	Continuity Programs
	Comprehensive Emergency Management System
DOE O 151.1C CRD	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 205.1A 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 210.2 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

Order Number/Changes	Title
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
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
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
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

Order Number/Changes	Title
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 CRD	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
DOE O 5480.20 A, Change 1	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	

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
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
ORP M 441.1-1	Nuclear Material Packaging Manual

All other terms and conditions remain the same.