

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO. 0288	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY Idaho Operations U.S. Department of Energy Idaho Operations 1955 Fremont Avenue Idaho Falls ID 83415	CODE 00701	7. ADMINISTERED BY (If other than Item 6) Idaho Operations U.S. Department of Energy Idaho Operations 1955 Fremont Avenue MS 1221 Idaho Falls ID 83415	CODE 00701
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) BATTELLE ENERGY ALLIANCE, LLC Attn: Dana Storms P.O. BOX 1625 IDAHO FALLS ID 834150001		(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
CODE 152020629 FACILITY CODE		x 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC07-05ID14517	10B. DATED (SEE ITEM 13) 11/09/2004

**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.
X	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)

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.)

Tax ID Number: 68-0588324  
DUNS Number: 152020629  
Authority: Clause I.14, DEAR 970.5204-2, List B changes/additions "Laws, regulations, and DOE Directives"

THE PURPOSE OF THIS MODIFICATION IS TO: Make the following revisions/deletions and additions to Part III Section J entitled "List of Attachments": Section J-G, List of Applicable DOE Directives (List B), Pages J-G1 - J-G4 are deleted in their entirety and replaced with the attached Part III Section J-G, List of Applicable DOE Directives (List B), Pages J-G1 - J-G4

Continued ...

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) Dana M. Storms, Manager	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Suzette M. Olson
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 11/09/2013
16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 11/4/13

**CONTINUATION SHEET**

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
DE-AC07-05ID14517/0288

PAGE OF  
2 2

NAME OF OFFEROR OR CONTRACTOR  
BATTELLE ENERGY ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	All other terms and conditions remain unchanged. Period of Performance: 11/09/2004 to 09/30/2014				

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
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Tax ID Number: 68-0588324

DUNS Number: 152020629

Authority: Clause I.14, DEAR 970.5204-2, List B changes/additions "Laws, regulations, and DOE Directives"

THE PURPOSE OF THIS MODIFICATION IS TO: Make the following revisions/deletions and additions to Part III Section J entitled "List of Attachments": Section J-G, List of Applicable DOE Directives (List B), Pages J-G1 - J-G4 are deleted in their entirety and replaced with the attached Part III Section J-G, List of Applicable DOE Directives (List B), Pages J-G1 - J-G4

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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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Suzette M. Olson	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA Signature on File (Signature of Contracting Officer)	16C. DATE SIGNED 11/04/2013

**CONTINUATION SHEET**REFERENCE NO. OF DOCUMENT BEING CONTINUED  
DE-AC07-05ID14517/0288PAGE OF  
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BATTELLE ENERGY ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	All other terms and conditions remain unchanged. Period of Performance: 11/09/2004 to 09/30/2014				

The purpose of this modification is to make the following revisions/deletions and additions to Part III Section J entitled “List of Attachments”:

- **Section J-G, *List of Applicable DOE Directives (List B)*, Pages J-G1 - J-G5 are deleted in their entirety and replaced with the attached Part III Section J-G, *List of Applicable DOE Directives (List B)*, Pages J-G1 - J-G4**

#### **Directives Added**

DOE O 205.1B, Chg 2 – *Department of Energy Cyber Security Program*

*Note: DOE must authorize INL to perform a Contract Applicability Review if DOE modifies the Senior DOE Management Risk Management Approach Implementation Plan. A modification to this Plan will have a significant impact to INL’s Site Risk Management Approach (DocReview)*

DOE O 252.1A, Admin Chg 1 – *Technical Standards Program (DocReview)*

DOE O 414.1D, Admin Chg 1 – *Quality Assurance (DocReview)*

DOE O 436.1 – *Departmental Sustainability (DocReview, CCN 230852, AS-CMD-INL-13-110/CCN 230667, and CCN 228329)*

#### **Directives Removed**

DOE O 205.1B – *Department of Energy Cyber Security Program (cancelled by addition of DOE O 205.1B, Chg 2)*

DOE O 243.2 – *Vital Records (cancelled by addition of DOE O 243.1B in Mod 270)*

DOE O 252.1A – *Technical Standards Program (cancelled by addition of DOE O 252.1A, Admin Chg 1)*

DOE O 414.1D – *Quality Assurance (cancelled by addition of DOE O 414.1D, Admin Chg 1)*

DOE O 430.2B – *Departmental Energy, Renewable Energy & Transportation Management (cancelled by addition of DOE O 436.1)*

DOE O 450.1A – *Environmental Protection Program (cancelled by addition of DOE O 436.1)*

**ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.**

The following DOE directives contain requirements relevant to the scope of work under this contract. In most cases, the requirements applicable to the contractor are contained in a Contractor Requirements Document (CRD) attached to the DOE directive. The Contractor shall continuously evaluate the work scope and contract requirements for opportunities to improve efficiency or creativity. In support of that objective, Section H, Clause H.5 defines a process by which the Contractor may propose alternative methods to the DOE directives listed in this section.

<b>DIRECTIVE NUMBER</b>	<b>Directive Title</b>
<b>DOE O 130.1</b>	Budget Formulation Process
<b>DOE M 140.1-1B</b>	Interface with the Defense Nuclear Facilities Safety Board
<b>DOE O 142.2A</b>	Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency
<b>DOE M 142.2-1</b>	Manual for Implementation of the Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency
<b>DOE O 142.3A</b>	Unclassified Foreign Visits and Assignments Program
<b>DOE O 144.1, ADMIN CHG 1</b>	Department of Energy American Indian Tribal Government Interactions and Policy
<b>DOE O 150.1</b>	Continuity Programs
<b>DOE O 151.1C</b>	Comprehensive Emergency Management System
<b>DOE O 153.1</b>	Departmental Radiological Emergency Response Assets
<b>DOE O 200.1A</b>	Information Technology Management
<b>DOE M 200.1-1, CHAPTER 9</b>	Public Key Cryptography and Key Management
<b>DOE O 205.1B, CHG 2</b>	Department of Energy Cyber Security Program <i>Note: DOE must authorize INL to perform a Contract Applicability Review if DOE modifies the Senior DOE Management Risk Management Approach Implementation Plan. A modification to this Plan will have a significant impact to INL's Site Risk Management Approach.</i>
<b>DOE M 205.1-3</b>	Telecommunications Security Manual <b><i>(This Manual is Classified and is Therefore Not Available Electronically, For a Copy of This Manual, Please Contact Sharon Shank At (301) 903-3047)</i></b>
<b>DOE O 206.1</b>	Department of Energy Privacy Program
<b>DOE N 206.4</b>	Personal Identity Verification
<b>DOE O 210.2A</b>	DOE Corporate Operating Experience Program
<b>DOE O 221.1A</b>	Reporting Fraud, Waste, and Abuse to the Office of Inspector General
<b>DOE O 221.2A</b>	Cooperation with the Office of Inspector General
<b>DOE O 225.1B</b>	Accident Investigations
<b>DOE O 226.1B</b>	Implementation of Department of Energy Oversight Policy
<b>DOE O 227.1</b>	Independent Oversight Program
<b>DOE O 231.1B, ADMIN CHG 1</b>	Environment, Safety, and Health Reporting
<b>DOE O 232.2</b>	Occurrence Reporting and Processing of Operations Information
<b>DOE O 241.1B</b>	Scientific and Technical Information Management
<b>DOE O 243.1B</b>	Records Management Program
<b>DOE O 252.1A, ADMIN CHG 1</b>	Technical Standards Program

<b>DIRECTIVE NUMBER</b>	<b>Directive Title</b>
<b>DOE O 313.1</b>	Management and Funding of the Department's Overseas Presence
<b>DOE O 341.1A</b>	Federal Employee Health Services <i>The Applicability Of DOE O 341.1a Is Limited To The Contractor's Occupational Medical Program, Which Also Provides Services To Federal Employees.</i>
<b>DOE O 350.1 CHANGE 3</b>	Contractor Human Resource Management Programs
<b>DOE O 350.2B</b>	Use of Management and Operating or Other Facility Management Contractor Employees for Services to DOE in the Washington D.C. Area
<b>DOE O 410.2</b>	Management of Nuclear Materials
<b>DOE O 412.1A</b>	Work Authorization System
<b>DOE O 413.1B</b>	Internal Control Program
<b>DOE O 413.2B, CHANGE 1</b>	Laboratory Directed Research and Development
<b>DOE O 413.3B</b>	Program and Project Management for the Acquisition of Capital Assets
<b>DOE O 414.1D, ADMIN CHG 1</b>	Quality Assurance
<b>DOE O 415.1, ADMIN CHG 1</b>	Information Technology Project Management
<b>DOE O 420.1B, ADMIN CHG 1</b>	Facility Safety <i>Clarification for DOE O 420.1B: DOE O 420.1B requires compliance with ANSI Standards that have been replaced by updated versions. BEA is released from compliance with the outdated versions of the required ANSI Standards. It is agreed that compliance will be the most current version of the required ANSI Standards cited.</i>
<b>DOE O 420.2C</b>	Safety of Accelerator Facilities
<b>DOE O 422.1</b>	Conduct of Operations
<b>DOE O 425.1D, ADMIN CHG 1</b>	Verification of Readiness to Start Up or Restart Nuclear Facilities
<b>DOE O 426.2</b>	Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities
<b>DOE O 430.1B, CHANGE 2</b>	Real Property Asset Management
<b>DOE O 433.1B, ADMIN CHG 1</b>	Maintenance Management Program for DOE Nuclear Facilities
<b>DOE O 435.1, CHANGE 1</b>	Radioactive Waste Management
<b>DOE M 435.1-1, CHANGE 2</b>	Radioactive Waste Management Manual
<b>DOE O 436.1</b>	Departmental Sustainability
<b>DOE M 440.1-1A</b>	DOE Explosives Safety Manual

<b>DIRECTIVE NUMBER</b>	<b>Directive Title</b>
<b>DOE O 440.2C, ADMIN CHG 1</b>	Aviation Management and Safety
<b>DOE M 441.1-1</b>	Nuclear Material Packaging Manual
<b>DOE O 442.1A</b>	Department of Energy Employee Concerns Program
<b>DOE O 442.2</b>	Differing Professional Opinions for Technical Issues Involving Environmental, Safety, and Health Technical Concerns
<b>DOE O 443.1B</b>	Protection of Human Research Subjects
<b>DOE M 450.4-1</b>	Integrated Safety Management System Manual
<b>DOE O 452.8</b>	Control Of Nuclear Weapon Data
<b>DOE O 456.1</b>	The Safe Handling of Unbound Engineered Nanoparticles
<b>DOE P 456.1</b>	Secretarial Policy Statement on Nanoscale Safety
<b>DOE O 458.1, CHG 1 &amp; 2</b>	Radiation Protection of the Public and the Environment
<b>DOE O 460.1C</b>	Packaging and Transportation Safety
<b>DOE O 460.2A</b>	Departmental Materials Transportation and Packaging Management
<b>DOE M 460.2-1A</b>	Radioactive Material Transportation Practices Manual
<b>DOE O 461.1B</b>	Packaging & Transportation for Offsite Shipment of Materials of National Security Interest
<b>DOE O 461.2</b>	Onsite Packaging & Transfer of Materials of National Security Interest
<b>DOE O 462.1</b>	Import & Export Of Category 1 & 2 Radioactive Sources & Aggregated Quantities
<b>DOE O 470.3B</b>	Graded Security Protection (GSP) Policy <i>(This Order is classified as (Secret // Rd // NoFORN) and will not be available on the Directives Portal. For distribution, contact John Fitzgibbons, 301-903-1361, John.Fitzgibbons@Hq.Doe.Gov)</i>
<b>DOE O 470.4B, ADMIN CHG 1</b>	Safeguards And Security Program <i>(This Order will be fully implemented by September 30, 2012, dependent upon SSIMS being updated to accept the new IOSC Categorization Structure and the re-approval of current deviations.)</i>
<b>DOE M 470.4-6, CHANGE 1</b>	Nuclear Material Control and Accountability
<b>DOE O 471.1B</b>	Identification and Protection of Unclassified Controlled Nuclear Information
<b>DOE O 471.3, CHANGE 1</b>	Identifying and Protecting Official Use Only Information
<b>DOE M 471.3-1, CHANGE 1</b>	Manual for Identifying and Protecting Official Use Only Information
<b>DOE O 471.5</b>	Special Access Program <i>(This Order is for Official Use Only and will not be distributed on the Directives' Portal. For distribution, please contact the Executive Secretary Of The Special Access Program Oversight Committee at 202-586-6775)</i>
<b>DOE O 471.6</b>	Information Security
<b>DOE O 472.2</b>	Personnel Security
<b>DOE O 473.3</b>	Protection Program Operations
<b>DOE O 475.1</b>	Counterintelligence Program
<b>DOE O 475.2A</b>	Identifying Classified Information



<b>DIRECTIVE NUMBER</b>	<b>Directive Title</b>
<b>DOE M 481.1-1A, CHANGE 1</b>	Reimbursable Work for Non-Federal Sponsors Process Manual <i>Clarification For Doe M 481.1-1a: For implementation of DOE M 481.1-1A, Intercompany Work Transfers (IWTS) are not within the scope of Work For Others (WFO).</i>
<b>DOE O 483.1</b>	DOE Cooperative Research and Development Agreements
<b>DOE M 483.1-1</b>	DOE Cooperative Research and Development Agreements Manual
<b>DOE O 484.1, CHANGE 1</b>	Reimbursable Work for the Department Of Homeland Security
<b>DOE O 522.1</b>	Pricing of Departmental Materials and Services
<b>DOE O 534.1B</b>	Accounting
<b>DOE O 551.1D</b>	Official Foreign Travel
<b>DOE O 580.1A, ADMIN CHG 1</b>	Department of Energy Personal Property Management Program
<b>DOE O 5480.19, CHANGE 2</b>	Conduct of Operations Requirements for DOE Facilities
<b>DOE O 5480.30, CHANGE 1</b>	Nuclear Reactor Safety Design Criteria <i>DOE O 5480.30 applies to any Non-NRC licensed reactor design undertaken or to be deployed at the INL, and to design modifications to the Advanced Test Reactor</i>
<b>DOE O 5639.8A</b>	Security of Foreign Intelligence Information and Sensitive Compartmented Information Facilities
<b>DOE O 5670.1A</b>	Management and Control of Foreign Intelligence