

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES
			1 2
2. AMENDMENT/MODIFICATION NO. 154	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 10SC000224	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: Lisa A. Sehlke P.O. BOX 1625 IDAHO FALLS ID 834150001		(x) 9A. AMENDMENT OF SOLICITATION NO.	
CODE 152020629 FACILITY CODE		9B. DATED (SEE ITEM 11)	
		X 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC07-05ID14517	
		10B. DATED (SEE ITEM 11) 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) Net Increase: \$594,000.00
FIN Plan RA FY 10-01

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:
X	D. OTHER (Specify type of modification and authority) IAW DEAR 970.5232-4 "Obligation of Funds"

E. IMPORTANT: Contractor is not, is required to sign this document and return 0 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 obligate funds under RA Fin Plan 10-01
Subj to Retent: N
FOB: Destination
Period of Performance: 11/09/2004 to 09/30/2014

Change Item 00001 to read as follows (amount shown is the total amount):

00001 MANAGEMENT AND OPERATIONS OF THE INL
8,500,000,000.00

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)	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 of Contracting Officer)	16C. DATE SIGNED 10/26/2009

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC07-05ID14517/154

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NAME OF OFFEROR OR CONTRACTOR
BATTELLE ENERGY ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Line item value is:\$8,500,000,000.00 Incrementally Funded Amount: \$3,933,317,328.26				

A. This modification is issued to obligate American Recovery and Reinvestment Act (Recovery Act) of 2009 funds to provide increased levels of operating hours so that the program can better respond to customer needs for critical isotopes for preparing the Advanced Test Reactor to start Gadolinium 153 isotope production and then produce the first batch of Gadolinium-153 isotope. The work will include capsule design for holding the target isotope material, Europium Oxide, fabricate the capsule that will be then be inserted into the Advanced Test Reactor for irradiation. Pacific Northwest National Laboratory will provide the target isotope material, the Idaho National Laboratory will then fabricate the capsule after it is designed, insert into the Advanced Test Reactor for irradiation, and then will ship the irradiated material to the Pacific Northwest Laboratory for processing.

B. Accordingly, pursuant to Section I, Contract Clause I.44, DEAR 970.5232-4 entitled "Obligation of Funds," funds in the amount of \$594,000.00 is hereby obligated in support of Recovery Act activities. The total amount of funds obligated under this contract since its inception is: **SEE ATTACHED INFORMATION SHEETS.**

C. The specific Contractor Recovery Act Statement of Work, Milestones, Outcomes and Measures, and Deliverables funded by this modification are identified in the following referenced Work Authorization:

Work Authorization Number	Work Authorization Title
ST/ID23/9/ARRA-1	Nuclear Physics – Enhanced Utilization of Isotope Facilities (2005230)

D. The work described in this modification shall be performed using funds obligated under this contract, which have been appropriated under the Recovery Act of 2009, (Pub. L. 111-5), and as such, is subject to the special statutory conditions and the additional contractual terms and conditions. The funds obligated hereunder shall only be used to accomplish the work as set forth in paragraph C. above and may not be used for any other purpose without the prior written consent of the Contracting Officer.

E. The Contractor shall complete all Recovery Act Work funded by this modification in accordance with Recovery Act requirements, including the required completion dates specified therein, and by the completion date identified in the approved work authorization for the activity.

SECTION B – SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B. 5, Obligation of Funds is revised to read as follows:

Contract DE-AC07-05ID14517

Funds Obligated by Contract Award	\$	-
Funds Obligated by Modification No. A001 (05-01)	\$	367,249,253.48
Funds Obligated by Modification No. A003 (05-02)	\$	46,622,175.07
Funds Obligated by Modification No. A004 (05-03)	\$	42,785,577.35
Funds Obligated by Modification No. A007 (05-04)	\$	20,826,503.81
Funds Obligated by Modification No. A008 (05-05)	\$	1,852,872.81
Funds Obligated by Modification No. A010 (05-06)	\$	6,979,388.33
Funds Obligated by Modification No. A012 (05-07)	\$	27,834,913.22
Funds Obligated by Modification No. A013 (05-08)	\$	46,223,993.31
Funds Obligated by Modification No. A015 (05-09)	\$	12,096,644.77
Funds Obligated by Modification No. A017 (05-10/11)	\$	6,441,459.40
Funds Obligated by Modification No. A018 (05-12)	\$	12,042,862.98
Funds Obligated by Modification No. A021 (05-13)	\$	21,317,013.96
Funds Obligated by Modification No. A023 (05-14)	\$	8,777,137.67
Funds Obligated by Modification No. A024 (05-15)	\$	2,233,234.97
Funds Obligated by Modification No. A026 (06-01)	\$	42,939,585.73
Funds Obligated by Modification No. A027 (06-02)	\$	5,565,617.17
Funds Obligated by Modification No. A029 (06-03)	\$	27,237,117.71
Funds Obligated by Modification No. A030 (06-04)	\$	27,638,705.63
Funds Obligated by Modification No. A031 (06-05)	\$	224,022,725.44
Funds Obligated by Modification No. A036 (06-06)	\$	38,435,364.39
Funds Obligated by Modification No. A038 (06-07)	\$	35,133,130.34
Funds Obligated by Modification No. A039 (06-08)	\$	74,456,830.72
Funds Obligated by Modification No. A042 (06-09/10)	\$	12,151,786.49
Funds Obligated by Modification No. A044 (06-11)	\$	6,313,939.62
Funds Obligated by Modification No. A046 (06-17)	\$	17,558,901.42
Funds Obligated by Modification No. A048 (06-20)	\$	6,030,496.94
Funds Obligated by Modification No. A048 (06-21)	\$	72,858,594.45
Funds Obligated by Modification No. A049 (06-22)	\$	62,441,754.54
Funds Obligated by Modification No. A050 (06-23)	\$	79,975,188.31
Funds Obligated by Modification No. A054 (06-24)	\$	33,717,932.88
Funds Obligated by Modification No. A055 (06-25/26)	\$	7,850,450.36
Funds Obligated by Modification No. A057 (07-01)	\$	38,675,339.17
Funds Obligated by Modification No. A058 (06-27)	\$	-
Funds Obligated by Modification No. A059 (07-02)	\$	143,276,081.68
Funds Obligated by Modification No. A061 (07-03)	\$	58,859,388.04
Funds Obligated by Modification No. A062 (07-04)	\$	4,298,716.92
Funds Obligated by Modification No. A067 (07-05)	\$	54,845,571.13
Funds Obligated by Modification No. A068 (07-06/07)	\$	363,731,607.43

Funds Obligated by Modification No. A071 (07-08)	\$	47,829,641.68
Funds Obligated by Modification No. A074 (07-09)	\$	25,442,640.25
Funds Obligated by Modification No. A078 (07-10)	\$	52,011,950.61
Funds Obligated by Modification No. A080 (07-11)	\$	25,339,983.16
Funds Obligated by Modification No. A081 (07-12)	\$	70,903,168.94
Funds Obligated by Modification No. A084 (07-13)	\$	83,070,783.76
Funds Obligated by Modification No. A086 (07-14)	\$	7,010,481.26
Funds Obligated by Modification No. A088 (08-01)	\$	49,601,009.24
Funds Obligated by Modification No. A089 (08-02)	\$	28,743,591.29
Funds Obligated by Modification No. A091 (08-03)	\$	14,210,908.26
Funds Obligated by Modification No. A094 (08-04)	\$	44,333,176.58
Funds Obligated by Modification No. A096 (08-05)	\$	52,125,035.61
Funds Obligated by Modification No. A098 (08-06)	\$	45,834,236.67
Funds Obligated by Modification No. A099 (08-07)	\$	163,128,858.51
Funds Obligated by Modification No. A101 (08-08)	\$	54,254,677.45
Funds Obligated by Modification No. A103 (08-09)	\$	187,117,499.03
Funds Obligated by Modification No. A104 (08-10)	\$	45,652.16
Funds Obligated by Modification No. A106 (08-11)	\$	14,511,456.93
Funds Obligated by Modification No. A107 (08-12)	\$	5,767,604.59
Funds Obligated by Modification No. A110 (08-13/14)	\$	1,255,709.26
Funds Obligated by Modification No. A112 (08-15)	\$	25,155,561.42
Funds Obligated by Modification No. A113 (08-16)	\$	(4,134,284.06)
Funds Obligated by Modification No. A115 (08-17/18)	\$	9,543,486.86
Funds Obligated by Modification No. A116 (08-19)	\$	16,003,668.43
Funds Obligated by Modification No. A118 (08-20)	\$	19,966,137.09
Funds Obligated by Modification No. A119 (08-21/22)	\$	13,191,043.98
Funds Obligated by Modification No. A123 (09-1)	\$	164,982,682.71
Funds Obligated by Modification No. A126 (09-2)	\$	11,264,584.49
Funds Obligated by Modification No.128 (09-3)	\$	9,346,060.61
Funds Obligated by Modification No. 129 (09-4)	\$	10,530,917.81
Funds Obligated by Modification No.131 (09-5)	\$	40,470,104.32
Funds Obligated by Modification No.132 (09-6)	\$	20,132,428.48
Funds Obligated by Modification No.133 (09-7)	\$	33,141,906.19
Funds Obligated by Modification No.135 (09-8)	\$	264,856,432.74
Funds Obligated by Modification No.137 (09-9)	\$	29,436,778.84
Funds Obligated by Modification No.139 (09-10/11)	\$	24,815,954.58
Funds Obligated by Modification No.140 (09-12)	\$	65,553,946.05
Funds Obligated by Modification No.141 (RA #1)	\$	200,000.00
Funds Obligated by Modification No.142 (09-13-17)	\$	42,683,838.62

Funds Obligated by Modification No.142 (09-18)	\$	4,159,674.32
Funds Obligated by Modification No.143 (RA #2)	\$	150,000.00
Funds Obligated by Modification No.144 (RA #3)	\$	3,000.00
Funds Obligated by Modification No.145 (09-19)	\$	35,542,200.75
Funds Obligated by Modification No.147 (RA #4)	\$	1,850,000.00
Funds Obligated by Modification No.148 (09-20)	\$	16,643,365.81
Funds Obligated by Modification No.149 (RA #5)	\$	2,353,000.00
Funds Obligated by Modification No.149 (RA #5)	\$	1,742,000.00
Funds Obligated by Modification No.151 (RA #6)	\$	100,000.00
Funds Obligated by Modification No.152 (09-21)	\$	25,541,764.51
Funds Obligated by Modification No.153 (09-22)	\$	13,661,150.83
Funds Obligated by Modification No.154 (RA10-1)	\$	594,000.00
Total Funds Obligated	\$	3,933,317,328.26

The amount presently obligated under this Contract is as follows:
Details regarding the obligational authority for this modification are provided separately in the RA Financial Plan # 10-1

*The following table tracks available budgetary resources for work appropriated under the American Recovery and Reinvestment Act of 2009, Pub. L. 1115 (Recovery Act) and as such is subject to special statutory conditions. Budget Authority in the following table is already included in the total funding table above and is **not** an additional obligation of funds.

Contract DE-AC07-05ID14517	Funds Obligated by ARRA Funding	
Funds Obligated by Modification No.141 (RA #1)	\$	200,000.00
Funds Obligated by Modification No.143 (RA #2)	\$	150,000.00
Funds Obligated by Modification No.144 (RA #3)	\$	3,000.00
Funds Obligated by Modification No.147 (RA #4)	\$	1,850,000.00
Funds Obligated by Modification No.149 (RA #5)	\$	2,353,000.00
Funds Obligated by Modification No.149 (RA #5)	\$	1,742,000.00
Funds Obligated by Modification No.151 (RA #6)	\$	100,000.00
Funds Obligated by Modification No.154 (RA 10-1)	\$	594,000.00
Total Funds Obligated	\$	6,992,000.00