AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

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2. AMENDMENT/MODIFICATION NO. **A121**

3. EFFECTIVE DATE **See Block 16C**

4. REQUISITION/PURCHASE REQ. NO. **AFP number 4**

5. PROJECT NO. *(If applicable)*

6. ISSUED BY CODE

U. S. Department of Energy
Office of Civilian Radioactive Waste Management
1551 Hillshire Drive
Las Vegas, Nevada 89134-6321

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*

Bechtel SAIC Company, LLC
1180 Town Center Drive
Las Vegas, Nevada 89144

CODE FACILITY CODE

(X) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO. **DE-AC28-01RW12101**

10B. DATED *(SEE ITEM 13)* **November 14, 2000**

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 ACKNOWLEDGMENT 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 Attachment 1, Approved Funding Program Number 4 (FY08)**

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS 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)* **Mutual agreements of the parties and Contract Clause 1.55 - DEAR 970.5232-4 Obligation of Funds**

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 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 incorporate into this contract Executive Order 13423 and Approved Funding Program (AFP) number 4 (Attachment 1) in the amount of $2,500,000.00, increasing total contract obligations to date from $1,773,430,487.11 to $1,775,930,487.11.

See Page 2 for further details of this modification.

EXECUTED COPY

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)*
TED C. FEIGENBAUM, PRESIDENT & GENERAL MANAGER

16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
Spencer R. Peterson, Contracting Officer

15B. CONTRACTOR/OFFEROR
(Signature of person authorized to sign)

15C. DATE SIGNED 12/21/07

16B. UNITED STATES OF AMERICA
BY *(Signature of Contracting Officer)*

16C. DATE SIGNED 12/21/2007

The purpose of this modification is to incorporate Executive Order 13423, Strengthening Federal Environmental, Energy and Transportation Management language to the Statement of Work. In addition, this modification incorporates AFP 4 in the amount of $2,500,000.00 into this contract. As a result, the Statement of Work and Contract Clause B.2 Obligation of Funds are revised as follows:

1. Part I – The Schedule, Section C, Description/Specification/Work Statement is revised to incorporate the following language at the end of C2. Work Requirements; 1.0 Yucca Mountain Project; I. Site Operations:

   1. *Facility Operations and Infrastructure*

   The contractor shall assist DOE through direct participation and other support in achieving DOE's energy efficiency goals and objectives in electricity, water, and thermal consumption, conservation, and savings, including goals and objectives contained in Executive Order 13423, Strengthening Federal Environmental, Energy, and Transportation Management. The Contractor shall maintain and update, as appropriate, its 10-year Site Plan (as required elsewhere in the contract) to include detailed plans and milestones for achieving site-specific energy efficiency goals and objectives. With respect to this paragraph, the Plan shall consider all potential sources of funds, in the following order: 1) the maximum use of private sector, third-party financing applied on a life-cycle cost effective basis, particularly from Energy Savings Performance Contracts and Utility Energy Services Contracts awarded by DOE; and 2) only after third-party financing options are evaluated, in the event that energy efficiency and water conservation improvements cannot be effectively incorporated into a private sector financing arrangement that is in the best interests of the Government, then DOE funding and funding from overhead accounts can be utilized. The Construction Management and Site Operations Office is the responsible organization for oversight in this area.

2. Contract Clause B.2 Obligation of Funds, total amount of funds obligated is revised accordingly to $1,775,930,487.11, as follows:

   B.2 OBLIGATION OF FUNDS

   The total amount of funds obligated under this contract, in accordance with Section I, Contract Clause DEAR 970.5232-4, entitled, "Obligation of Funds," is $1,775,930,487.11.

3. Contract value remains at $2,394,124,366. All other terms and conditions remain unchanged.

FUNDING SUMMARY SHEET
FOR
INTEGRATED CONTRACTORS
FY 2008
DECEMBER

CONTRACTOR	Bechtel SAIC
CONTRACT NO.	RW12101
MOD NO.	A121
AFP NO.	4
NOTE:	

COMBINED MOD
DECEMBER MODS

	OPERATIONS	CONSTRUCTION	FEE	TOTAL
MOD TOTAL	$2,500,000.00	$0.00	$0.00	$2,500,000.00
PRIOR CUMULATIVE	$1,773,430,487.11	$0.00	$0.00	$1,773,430,487.11
NEW CUMULATIVE	$1,775,930,487.11	$0.00	$0.00	$1,775,930,487.11

OPERATIONS	=	OPERATING	+	REIM. - FED (40)	+	REIM. - NON-FED (60)	+	TECH TRANS (65)
$2,500,000.00		$2,500,000.00		$0.00		$0.00		$0.00

Required Signatures:

Budget:	Processed:	Wesley Platero	Date:	12/14/2007
Contracts:	Received:		Date:	12/21/2007
	Approved:		Date:	12/21/2007

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NATIONAL NUCLEAR SECURITY ADMINISTRATION
FY 2008 APPROVED FUNDING PROGRAM No. 4
BECHTEL SAIC CO LLC CONTRACT NO: RW12101
STARS FORMAT - SUMMARY

Allottee: 01 NS - NNSA Office of Field Financial Management

Reporting Entity: 100012 NS - Bechtel SAIC Co., LLC (WV)

	BUDGET AUTHORITY (BA)				
	BEGINNING UNCOSTED OBLIGATIONS	NEW BA			TOTAL AVAILABLE
		PREVIOUS	CHANGE	REVISED	
OPERATING EXPENSES	29,954,578.46	39,532,310.00	2,500,000.00	42,032,310.00	71,986,888.46
CAPITAL EQUIPMENT	1,021,650.30	(100,374.81)	0.00	(100,374.81)	921,275.49
CONSTRUCTION	0.00	0.00	0.00	0.00	0.00
REIMBURSABLE WORK	0.00	0.00	0.00	0.00	0.00
GRAND TOTAL	30,976,228.76	39,431,935.19	2,500,000.00	41,931,935.19	72,908,163.95

Certification of Funds Availability:

Certifying Official

Date

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NATIONAL NUCLEAR SECURITY ADMINISTRATION
FY 2008 APPROVED FUNDING PROGRAM No. 4
BECHTEL SAIC CO LLC CONTRACT NO: RW12101
STARS FORMAT - SUMMARY

Allottee: 01 NS - NNSA Office of Field Financial Management

Reporting Entity: 100012 NS - Bechtel SAIC Co., LLC (WV)

FUND/APPR YEAR Parent Program		BUDGET AUTHORITY (BA) BEGINNING UNCOSTED OBLIGATIONS	NEW BA PREVIOUS	NEW BA CHANGE	NEW BA REVISED	TOTAL AVAILABLE
01100/2007 C000896	TH - 89X0244 - Defense Nuclear Waste Disposal DF0000000 - Waste Management System	534,383.86	(61,105.00)	0.00	(61,105.00)	473,278.86
01100/2008 C000896	TH - 89X0244 - Defense Nuclear Waste Disposal DF0000000 - Waste Management System	0.00	39,593,415.00	2,500,000.00	42,093,415.00	42,093,415.00
02800/2005 C000896	WD - 89X5227 - Nuclear Waste Fund DF0000000 - Waste Management System	16,796,498.70	0.00	0.00	0.00	16,796,498.70
02800/2006 C000896	WD - 89X5227 - Nuclear Waste Fund DF0000000 - Waste Management System	6,872,067.33	0.00	0.00	0.00	6,872,067.33
02800/2007 C000896	WD - 89X5227 - Nuclear Waste Fund DF0000000 - Waste Management System	6,773,278.87	(100,374.81)	0.00	(100,374.81)	6,672,904.06
	GRAND TOTAL	30,976,228.76	39,431,935.19	2,500,000.00	41,931,935.19	72,908,163.95

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NATIONAL NUCLEAR SECURITY ADMINISTRATION
FY 2008 APPROVED FUNDING PROGRAM No. 4
BECHTEL SAIC CO LLC CONTRACT NO: RW12101
STARS FORMAT - DETAIL

Allottee: 01 NS - NNSA Office of Field Financial Management

Reporting Entity: 100012 NS - Bechtel SAIC Co., LLC (WV)

FUND/APPR YEAR Program/OBJ CLASS/Local Use	BUDGET AUTHORITY (BA) BEGINNING UNCOSTED OBLIGATIONS	NEW BA PREVIOUS	NEW BA CHANGE	NEW BA REVISED	TOTAL AVAILABLE
OPERATING EXPENSES					
01100/2007 TH - 89X0244 - Defense Nuclear Waste Disposal					
2823560/25400/0000000 DF0910000, Quality Assurance (QA)	279,383.86	(61,105.00)	0.00	(61,105.00)	218,278.86
2823598/25400/0000000 DF4002200 - Environmental Impact Statement (EIS)	255,000.00	0.00	0.00	0.00	255,000.00
01100/2008 TH - 89X0244 - Defense Nuclear Waste Disposal					
2823518/25400/0000000 DF0105010, Project Support	0.00	3,248,710.00	0.00	3,248,710.00	3,248,710.00
2823519/25400/0000000 DF0105030, Safety Analyses	0.00	5,700,000.00	0.00	5,700,000.00	5,700,000.00
2823524/25400/0000000 DF0105050, Initial Infrastructure Readiness	0.00	1,650,000.00	0.00	1,650,000.00	1,650,000.00
2823616/25400/0000000 DF0105060, Balance of Plant (BOP) Infrastructure	0.00	1,750,000.00	0.00	1,750,000.00	1,750,000.00
2823529/25400/0000000 DF0105120, License Application	0.00	3,575,000.00	0.00	3,575,000.00	3,575,000.00
2823617/25400/0000000 DF0105130, Waste Packages & Employment Equipment	0.00	500,000.00	0.00	500,000.00	500,000.00
2823530/25400/0000000 DF0105180, MandO Contract Services	0.00	6,100,000.00	0.00	6,100,000.00	6,100,000.00
2823618/25400/0000000 DF0105190, Nuclear Facilities	0.00	7,743,600.00	0.00	7,743,600.00	7,743,600.00
2823619/25400/0000000 DF0105200, Pre Construction Authorization (CA) Operations	0.00	2,000,000.00	2,000,000.00	4,000,000.00	4,000,000.00
2823620/25400/0000000 DF0105210, Engineer, Procure, Construct (EPC) Distributables	0.00	825,000.00	0.00	825,000.00	825,000.00
2823621/25400/0000000 DF0105520, Subsurface Repository	0.00	3,725,000.00	0.00	3,725,000.00	3,725,000.00
2823622/25400/0000000 DF0105580, Aging Facilities and Equipment	0.00	225,000.00	0.00	225,000.00	225,000.00
2823624/25400/0000000 DF0907100, Safeguards & Security and Emergency Management In	0.00	500,000.00	0.00	500,000.00	500,000.00
2823560/25400/0000000 DF0910000, Quality Assurance (QA)	0.00	300,000.00	0.00	300,000.00	300,000.00
2823562/25400/0000000 DF0941000, Systems Engineering	0.00	100,000.00	0.00	100,000.00	100,000.00
2823563/25400/0000000 DF0942000, Systems Analysis	0.00	198,000.00	0.00	198,000.00	198,000.00
2823564/25400/0000000 DF0943000, Total System Life-Cycle Cost (TSLCC)	0.00	97,000.00	0.00	97,000.00	97,000.00
2823565/25400/0000000 DF0944000, Waste Acceptance	0.00	378,000.00	0.00	378,000.00	378,000.00
2823595/25400/0000000 DF4001400 - Fleet Management Facility	0.00	20,000.00	0.00	20,000.00	20,000.00
2823597/25400/0000000 DF4002100 - Nevada Rail Line	0.00	602,205.00	0.00	602,205.00	602,205.00
2823602/25400/0000000 DF4003200 - Operations System Development	0.00	15,000.00	125,000.00	140,000.00	140,000.00
2823603/25400/0000000 DF4003300 - Institutional Planning, Policy, & Analysis	0.00	94,000.00	125,000.00	219,000.00	219,000.00
2823604/25400/0000000 DF4003400 - Stakeholder Relations/Interactions	0.00	156,400.00	0.00	156,400.00	156,400.00
2823605/25400/0000000 DF4003500 - 180 (c) Development & Funding	0.00	90,000.00	0.00	90,000.00	90,000.00
2823606/25400/0000000 DF4003600 - Program Management	0.00	500.00	250,000.00	250,500.00	250,500.00
02800/2005 WD - 89X5227 - Nuclear Waste Fund					
2823518/25400/0000000 DF0105010, Project Support	3,259,626.35	0.00	(176,201.61)	(176,201.61)	3,083,424.74
2823519/25400/0000000 DF0105030, Safety Analyses	750,000.00	0.00	0.00	0.00	750,000.00
2823524/31003/0100003 DF0105050, Initial Infrastructure Readiness	891,650.30	0.00	0.00	0.00	891,650.30
2823529/25400/0000000 DF0105120, License Application	2,937,193.62	0.00	0.00	0.00	2,937,193.62
2823530/25400/0000000 DF0105180, MandO Contract Services	5,236,500.77	0.00	0.00	0.00	5,236,500.77
2823532/25400/0000000 DF0105CH1, Canister Handling Facility - Balance of Plant Inf	46,796.44	0.00	0.00	0.00	46,796.44
2823535/25400/0000000 DF0105CH4, Canister Handling Facility - Canister Handling	980,150.94	0.00	0.00	0.00	980,150.94
2823538/25400/0000000 DF0105FH1, Fuel Handling Facility - Balance of Plant Infrast	1,049,438.20	0.00	176,201.61	176,201.61	1,225,639.81

NATIONAL NUCLEAR SECURITY ADMINISTRATION
FY 2008 APPROVED FUNDING PROGRAM No. 4
BECHTEL SAIC CO LLC CONTRACT NO: RW12101
STARS FORMAT - DETAIL

Allottee: 01 NS - NNSA Office of Field Financial Management

Reporting Entity: 100012 NS - Bechtel SAIC Co., LLC (WV)

FUND/APPR YEAR Program/OBJ CLASS/Local Use	BUDGET AUTHORITY (BA) BEGINNING UNCOSTED OBLIGATIONS	NEW BA PREVIOUS	NEW BA CHANGE	NEW BA REVISED	TOTAL AVAILABLE
02800/2005 WD - 89X5227 - Nuclear Waste Fund					
2823539/25400/0000000 DF0105FH2, Fuel Handling Facility - Subsurface Repository	278,460.80	0.00	0.00	0.00	278,460.80
2823540/25400/0000000 DF0105FH3, Fuel Handling Facility - Waste Package	78,879.15	0.00	0.00	0.00	78,879.15
2823541/25400/0000000 DF0105FH4, Fuel Handling Facility - Fuel Handling	95,761.45	0.00	0.00	0.00	95,761.45
2823560/25400/0000000 DF0910000, Quality Assurance (QA)	682,397.93	0.00	0.00	0.00	682,397.93
2823562/25400/0000000 DF0941000, Systems Engineering	15,019.03	0.00	0.00	0.00	15,019.03
2823564/25400/0000000 DF0943000, Total System Life-Cycle Cost (TSLCC)	16,877.08	0.00	0.00	0.00	16,877.08
2823565/25400/0000000 DF0944000, Waste Acceptance	127,342.44	0.00	0.00	0.00	127,342.44
2823567/25400/0000000 DF0946000, System Configuration Management	1,252.65	0.00	0.00	0.00	1,252.65
2823569/25400/0000000 DF0951100, Program Management, Planning, and Control	131,719.01	0.00	0.00	0.00	131,719.01
2823571/25400/0000000 DF0952000, Information Management	203,095.65	0.00	0.00	0.00	203,095.65
2823574/25400/0000000 DF0953300, Public Outreach and Communication	14,336.89	0.00	0.00	0.00	14,336.89
02800/2006 WD - 89X5227 - Nuclear Waste Fund					
2823518/25400/0000000 DF0105010, Project Support	4,403,780.29	0.00	0.00	0.00	4,403,780.29
2823519/25400/0000000 DF0105030, Safety Analyses	464,555.54	0.00	0.00	0.00	464,555.54
2823535/25400/0000000 DF0105CH4, Canister Handling Facility - Canister Handling	165,388.61	0.00	0.00	0.00	165,388.61
2823541/25400/0000000 DF0105FH4, Fuel Handling Facility - Fuel Handling	1,838,342.89	0.00	0.00	0.00	1,838,342.89
02800/2007 WD - 89X5227 - Nuclear Waste Fund					
2823524/25400/0000000 DF0105050, Initial Infrastructure Readiness	63,165.30	0.00	0.00	0.00	63,165.30
2823524/31003/0100003 DF0105050, Initial Infrastructure Readiness	130,000.00	(100,374.81)	0.00	(100,374.81)	29,625.19
2823538/25400/0000000 DF0105FH1, Fuel Handling Facility - Balance of Plant Infrast	1,044,540.00	0.00	0.00	0.00	1,044,540.00
2823539/25400/0000000 DF0105FH2, Fuel Handling Facility - Subsurface Repository	291,236.49	0.00	0.00	0.00	291,236.49
2823540/25400/0000000 DF0105FH3, Fuel Handling Facility - Waste Package	500,000.00	0.00	0.00	0.00	500,000.00
2823541/25400/0000000 DF0105FH4, Fuel Handling Facility - Fuel Handling	2,614,684.00	0.00	0.00	0.00	2,614,684.00
2823563/25400/0000000 DF0942000, Systems Analysis	94,279.42	0.00	0.00	0.00	94,279.42
2823569/25400/0000000 DF0951100, Program Management, Planning, and Control	772,098.01	0.00	0.00	0.00	772,098.01
2823571/25400/0000000 DF0952000, Information Management	20,000.00	0.00	0.00	0.00	20,000.00
2823608/25400/0000000 DF4001100 - Cask Systems	46,970.56	0.00	0.00	0.00	46,970.56
2823595/25400/0000000 DF4001400 - Fleet Management Facility	15,000.00	0.00	0.00	0.00	15,000.00
2823597/25400/0000000 DF4002100 - Nevada Rail Line	290,906.55	0.00	0.00	0.00	290,906.55
2823599/25400/0000000 DF4002300 - Design/EIS Supporting Field Investigations and A	525,878.52	0.00	0.00	0.00	525,878.52
2823602/25400/0000000 DF4003200 - Operations System Development	53,881.32	0.00	0.00	0.00	53,881.32
2823604/25400/0000000 DF4003400 - Stakeholder Relations/Interactions	68,627.87	0.00	0.00	0.00	68,627.87
2823605/25400/0000000 DF4003500 - 180 (c) Development & Funding	75,581.70	0.00	0.00	0.00	75,581.70
2823606/25400/0000000 DF4003600 - Program Management	166,429.13	0.00	0.00	0.00	166,429.13