

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE 1 OF 6 PAGES
2. AMENDMENT/MODIFICATION NO. 436	3. EFFECTIVE DATE (M/D/Y) See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 19EM000002	5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. Department of Energy Office of River Protection P. O. Box 450, MS H6-60 Richland, WA 99352	7. ADMINISTERED BY (If other than Item 6)	CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP code) Bechtel National, Inc. 2435 Stevens Center Place Richland, WA 99354	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
	10A. MODIFICATION OF CONTRACT/ ORDER NO. DE-AC27-01RV14136
	10B. DATED (SEE ITEM 13) December 11, 2000
CODE 396A5	FACILITY CODE 153392068

11. THIS ITEM 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 DATE AND HOUR 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 amendment and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule **Net Increase** **(\$16,950,000.00)**

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS SET FORTH 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.
<input type="checkbox"/>	
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO AUTHORITY OF FAR 43.103(b).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF:
<input checked="" type="checkbox"/>	D. OTHER (Specify type of modification and authority) Clause B.3, "Obligation and Availability of Funds", Clause I.66 "Limitation of Funds"

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 Page(s)
Period of Performance: 12/11/2000 to 12/31/2022

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) Brian Reilly / Project Director	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Ronald E. Cone Jr. Contracting Officer
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 04 OCT 2018
16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED OCT 5, 2018

Purpose of Modification:

The purpose of this modification is to make the following changes:

1. Update Contract Section B, *Supplies or Services and Prices/Costs*, to deobligate LAW funds to move to BOF in a future modification provided under Purchase Requisition Number 19EM000002. Funding is realigned as follows:

Description	Control Point	Local Use Code	Appropriation Year	Funded Amount
LAW Baseline	1111710	0421573	2019	(\$16,950,000.00)
			Total	(\$16,950,000.00)

2. Update language in Contract Section B.10, *Project Services Allocation*, to align with the new control points added in modification 434.
3. Update language in Contract Section H.53, *Low-Activity Waste Facility, Balance Of Facilities, And Analytical Laboratory/Direct-Feed Low-Activity Waste Completion (CLINs 1.0 And 2.0)*, to align with the new control points added in modification 434.

Description of Modification:

1. The table in Section B, *Supplies or Services and Prices/Costs*, Contract Section B.3 *Obligation and Availability of Funds and Contract Value*, paragraph (a) is revised as follows:
 - The total amount of funds obligated to LAW Baseline 1111710 - 0421573 is decreased by \$16,950,000.00 from \$268,048,561.00 to \$251,098,561.00.
 - The total funding obligated to the Budgetary Control Points, is decreased by \$16,950,000.00 from \$11,627,017,987.37 to \$11,610,067,987.37.
 - The total funding obligated to the Budgetary Control Points, including Program Direction funding, is decreased by \$16,950,000.00 from \$11,629,507,987.37 to \$11,612,557,987.37.
 - The total funding obligated to the Budgetary Control Points, including Program Direction, Inter-Entity Work Order Funding and Request for Service Funding, is decreased by \$16,950,000.00 from \$11,715,526,726.83 to \$11,698,576,726.83.
2. The table in Section B, *Supplies or Services and Prices/Costs*, Contract Section B.3 *Obligation and Availability of Funds and Contract Value*, paragraph (a), is deleted in its entirety and replaced in full as follows:

BUDGETARY CONTROL POINTS FOR WTP PROJECT				
Description	Appropriation Symbol	B&R No. (Control Point)	Local Use Code	Budget Authority
	1250	1110401		\$3,006,205,907.70
LAW	1250	1111183		\$637,537,062.71
LAB	1250	1111184		\$207,817,505.32
BOF	1250	1111185		\$261,722,260.48
HLW	1250	1111186		\$559,580,100.04
PT	1250	1111187		\$840,766,807.09
LAW	1250 and 1260	1111241		\$1,691,548,709.50
DFLAW	1250 and 1260	1111243		\$157,063,073.13
LAB	1250 and 1260	1111242		\$349,312,452.11
BOF	1250 and 1260	1111243		\$648,031,980.05
HLW	1250 and 1260	1111244		\$1,029,273,076.81
PT	1250 and 1260	1111245		\$1,526,044,506.86
LAW Baseline	1260	1111710	0421573	\$251,098,561.00
LAB Baseline	1260	1111710	0421574	\$26,904,000.00
BOF Baseline	1260	1111710	0421575	\$80,435,407.77
EMF Baseline	1260	1111711	0421586	\$172,150,000.00
HLW Baseline	1260	1111714	0421587	\$64,717,000.00
PT Baseline	1260	1111716	0421588	\$28,397,576.80
LAW Fee	1260	1111712	0421573	\$65,418,000.00
LAB Fee	1260	1111712	0421574	\$2,096,000.00
BOF Fee	1260	1111712	0421575	\$3,065,000.00
HLW Fee	1260	1111715	0421587	\$283,000.00
PT Fee	1260	1111717	0421588	\$600,000.00
Subtotal - Budgetary Controls Points for WTP Project thru Contract Modification No. 436				\$11,610,067,987.37
BUDGETARY CONTROL POINTS FOR PROGRAM DIRECTION				
Description	Appropriation Symbol	B&R No. (Control Point)	Budget Authority	
PD	1250	1110462	\$1,280,000.00	
PD	1250	1110458	\$1,210,000.00	
Subtotal - Budgetary Controls Points, including Project Direction, thru Contract Modification No. 436				\$11,612,557,987.37
INTER-ENTITY WORK ORDER FUNDING				
IEWO Identification Numbers		IEWO Amendment No.	Funding	
M0SRLE60 Funding (SRNS/SRNL)		40	\$73,957,217.82	
M0SRV00028 Funding (SRNS)		43	\$7,056,600.30	
M0SRV00036 Funding (WSRC)		3	\$69,807.36	
M0SRV00042 Funding (ORNL)		2	\$27,599.05	
M0IDV00061 Funding (BEA)		1	\$21,277.60	

M0ORV00088 Funding (ORNL)	2	\$150,848.30
M0NSV00089 Funding (SNL)	1	\$18,030.68
M0SRV00105 Funding (SRNS)	9	\$4,290,912.35
M0FTV00117 Funding (NETL)	4	\$410,000.00
Total - IEWO Funding 430		\$86,002,293.46
REQUEST FOR SERVICE FUNDING		
RFS Number	Supplement No.	Funding
M14009 Funding (MSA)	0	\$16,446.00
Total – RFS Funding 367		\$16,446.00
Total Budgetary Control Points for WTP Project 436		\$11,698,576,726.83

BEA = Battelle Energy Alliance SRNL = Savannah River National Laboratory.
NETL = National Energy Technology Laboratory. SRNS = Savannah River Nuclear Solutions.
ORNL = Oak Ridge National Laboratory. WSRC = Washington Savannah River Company.

3. The text in section B.10, *Project Services Allocation*, is deleted in its entirety and replaced in full as follows:

Project Services costs are allocated to specific facilities (LBL, **DFLAW-EMF (WBS 1.07)**, HLW and PT) in accordance with the final actual annual cost proportion of the work performed across all facilities. The target cost for CLIN 1.0 is based on an estimation of the project services cost to be allocated to ~~these CLINs~~ **the following facilities: WBS elements 1.02-LAW, 1.05-BOF, 1.06 LAB, and 1.07 DFLAW-EMF (CLIN 2.0)**. The actual amount of this allocation will vary based on the actual cost of work performed across all facilities in any given year. These actual costs will be reconciled on an annual basis at the end of each fiscal year to reflect actual percentage of the project services cost to be allocated to LBL, **DFLAW-EMF, (including CLIN 2.0)**, HLW, and PT, respectively. This reconciliation will be cost neutral to the CLIN 1.0 cost incentives **and CLIN 2.1 cost incentive**. The table below is the basis for the percentages incorporated into the target costs **(including CLIN 1.0 and CLIN 2.0 Allocations)** based upon Annual Funding Profiles. Variations to these percentages after annual reconciliation will constitute a basis for equitable relief to the Contractor and/or a basis for a claim by the Government. See Clause H.53(g) for additional details.

4. The text in section H.53, *Low-Activity Waste Facility, Balance Of Facilities, And Analytical Laboratory/Direct-Feed Low-Activity Waste Completion (CLINs 1.0 And 2.0)*, paragraph (g) is deleted in its entirety and replaced in full as follows:

(g) Project Services Allocation Administration. Project Services (PS) consists of WTP Project scope that is not directly attributable to one of the end-product facilities (Pretreatment, High-Level Waste, Low-Activity Waste, Balance of Facilities and

Analytical Laboratory, **Direct Feed of Low-Activity Waste-Effluent Management Facility**). PS is traditionally level of effort supporting scope, such as, Project Management, Human Resources, Project Controls, Accounting, Information Systems and Technology, Environmental Safety & Health, Quality Assurance, Administrative Services, Security, Support Services, etc.

The current control point funding process that aligns to the end-product facilities drove the establishment of a methodology to allocate the PS costs to the funding sources. The allocation process considers the actual costs in each end-product facility and proportionally allocates the PS costs to each facility for funds management and invoicing purposes.

Effective with Contract Modification No. (384) and the establishment of the CLIN structure, an annualized PS allocation value has been incorporated into the total estimated contract cost value for CLIN 1.0, which incorporates the associated PS allocation for both CLIN 1.0 and CLIN 2.0. Table 1 in Clause B. 10, "Project Services Allocation," identifies the contract basis for the PS allocation ~~to CLIN 1.0 included in the CLIN 1.0 Target~~. The actual annual PS allocation percentage to CLIN 1.0 and CLIN 2.0 is dependent upon multiple variables, such as, funding relative to facility scope and costs driven by project priorities. An annual contract alignment adjustment resulting from the actual ~~CLIN 1.0~~ PS allocation being a greater or lesser percentage **to CLIN 1.0 plus CLIN 2.0**, than that shown in Table 1 is allowable, to align Contract value with the actualized annual fiscal year-end PS allocation ~~to CLIN 1.0~~.

Effective with Contract Modification 434, Project Services are to be allocated to the WBS 1.07 Direct Feed of Low-Activity Waste-Effluent Management Facility (DFLAW-EMF) facility under CLIN 2.0 in accordance with the final actual annual cost proportion of the work performed across all facilities, subject to adjustment resulting from the sum of the actual PS allocation to CLIN 1.0 and CLIN 2.0 being a greater or lesser percentage than that shown in Table 1. When established under Modification 384, CLIN 2.0 cost incentives did not contemplate an allocation of project services. Changes to CLIN 2.0 total costs based on project service allocations are cost neutral to the target cost incentive for CLIN 1.0 and CLIN 2.1.

5. All other terms and conditions remain unchanged.

(End of Modification)