

2. AMENDMENT/MODIFICATION NO. 3. EFFECTIVE DATE 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable)  
 0171 See Block 16C

6. ISSUED BY CODE 892432 7. ADMINISTERED BY (If other than Item 6) CODE 00701  
 Idaho Operations Office  
 Idaho Operations  
 U.S. Department of Energy  
 Idaho Operations  
 Idaho Falls ID 89415  
 Idaho Operations  
 U.S. Department of Energy  
 Idaho Operations  
 1955 Fremont Avenue  
 MS 1221  
 Idaho Falls ID 83415

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
 FLUOR IDAHO, LLC  
 Attn: AMANDA JORDAN  
 1070 RIVERWALK DRIVE, SUITE 201  
 IDAHO FALLS ID 83402  
 CODE 968795604 FACILITY CODE  
 9A. AMENDMENT OF SOLICITATION NO. (x)  
 9B. DATED (SEE ITEM 11)  
 10A. MODIFICATION OF CONTRACT/ORDER NO. x DE-EM0004083  
 10B. DATED (SEE ITEM 13) 02/04/2016

**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 electronic communication 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 letter or electronic communication, provided each letter or electronic communication 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)**

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

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 data, 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 Section I.100, Changes - Cost Reimbursement (AUG 1987) Alternate II and III (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.)**

DUNS Number: 968795604  
 The purpose of this modification is to revise CLIN-3 to include scope at Section C.7.3.2 Core Cartridge Preparations and to adjust the CLIN-1 indirect target cost. Please refer to the continuation pages incorporated as part of this modification. The Contractor is directed to continue operations in accordance with contract Section B.2.

Payment:  
 OR for Idaho  
 U.S. Department of Energy  
 Oak Ridge Financial Service Center  
 P.O. Box 6017  
 Oak Ridge TN 37831  
 Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Director, Prime Contracts  
 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jennifer K. Cate  
 15B. CONTRACTOR/OFFEROR  
 15C. DATE SIGNED 2/9/2020  
 16B. UNITED STATES OF AMERICA  
 16C. DATE SIGNED 2.10.2020  
 (Signature of person authorized to sign) (Signature of Contracting Officer)

Previous edition unusable

**CONTINUATION SHEET**

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
DE-EM0004083/0171

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NAME OF OFFEROR OR CONTRACTOR  
FLUOR IDAHO, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00001	FOB: Destination Period of Performance: 06/01/2016 to 05/31/2021  Change Item 00001 to read as follows (amount shown is the total amount):  Target ICP-Core DOE Mission Work  Line item value is: \$1,887,605,347.72 Incrementally Funded Amount: \$1,579,304,320.19  This modification increases the Total Contract Value (including Options) by \$4,194,417 from \$2,005,532,921 to \$2,009,727,338.			1,887,605,347.72	

This modification is being made under the authority of contract clause Section I.100, *Changes – Cost Reimbursement (AUG 1987) - Alternate II and III (APR 1984)*. This bilateral contract modification definitizes the equitable adjustment under CLIN-1 Indirect Target Cost and Target/Max Fee for the actual costs incurred for support of the Office of Inspector General per emails from Mike Adams to Fluor Idaho, LLC, dated April 16, 2019; Jennifer Cate to Tom Williams, dated May 15, 2019; and Natalie Packer to Jennifer Cate, dated November 19, 2019.

This modification also revises CLIN-3 for additional scope at Section *C.7.3.2 Core Cartridge Preparations* as detailed below. The indirect cost under CLIN-1 is adjusted to reflect the changes made to the POH table attached per Section B.15(g).

The following changes are hereby made to the contract:

**1. SECTION B.2 CONTRACT COST AND FEE SCHEDULE is revised as follows:**

CLIN-1: Target ICP Core DOE Mission Work Scope (Base) is revised to incorporate the change stated above.

The Direct Target Cost is unchanged at \$905,368,942.

The Indirect Target Cost (POH) is increased by \$604,241 from \$315,361,282 to \$315,965,523.

The Total Target Cost is increased by \$604,241 from \$1,220,730,224 to \$1,221,334,465.

The Cost Incentive (Target) is increased by \$29,910 from \$27,858,459 to \$27,888,369.

The Cost Incentive (Maximum) is increased by \$78,249 from \$71,150,902 to \$71,229,151. The overall CLIN-1 Max Fee, including milestones and performance fee, is increased by \$78,249 from \$145,002,361 to \$145,080,610.

CLIN-3: Non Target Work Scope is revised as follows:

The estimated cost for CLIN-3 is increased by \$3,269,951 from \$53,514,133 to \$56,784,084.

The fixed fee under CLIN-3 is increased by \$241,976 from \$2,695,357 to \$2,937,333.

Summary:

The Total Contract Value, including options, is increased by \$4,194,417 from \$2,005,532,921 to \$2,009,727,338.

The attached B.2(c) Fee Model has been updated to reflect the adjustment to CLIN-1.

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<b>B.2(c) Table</b>				
<b><u>CLIN 00001- TARGET ICP-CORE DOE MISSION WORK (BASE)</u></b>				
	Target Cost	Max Fee	Target Fee	Total Price
Direct Target Cost w/ ID Spt (No Options Included)	905,368,942	145,080,610		1,366,415,075
Indirect Target Cost w/o ID Spt (Total Pool, PWS C.8)	315,965,523			
	1,221,334,465			
Target Fee			60,456,056	
Subtotal Milestone-Schedule & Performance Fee (B.3(d))		73,851,459		
Subtotal Incremental Cost Incentive Fee		71,229,151		
Cost Incentive Breakout				
Cost Incentive (Max)		71,229,151		12.95%
Cost Incentive (Target)			27,888,369	4.95%
<b><u>CLIN 00002 - TARGET ICP CORE NNPP PPF WORK SCOPE</u></b>				
	Target Cost	Max Fee	Target Fee	Total Price
Navy (Pieces, Parts and Fines - 102 Cans)	42,367,181	5,382,479	2,503,195	47,749,660
Milestone-Schedule & Performance		3,970,091	1,963,325	
Cost Incentive (Max)		1,412,388	539,870	
<b><u>CLIN 00003 - NON-TARGET ICP CORE WORK SCOPE</u></b>				
	Estimated Cost	Fee		Total Price
Total Non-Target Work Scope (See Contracting Officer for Breakout)	56,784,084	2,937,333		59,721,417
<b><u>CLIN 00004- CONTRACT TRANSITION PERIOD</u></b>				
Transition	6,811,889	0		6,811,889
<b><u>CLIN 00005 - DEFINED BENEFIT PENSION PLAN COSTS</u></b>				
Pension	125,000,000	0		125,000,000
<b><u>CLIN 00006 INTEGRATED WASTE TREATMENT UNIT (IWTU) OPERATIONS AND TURNOVER</u></b>				
	Estimated Cost	Max Fee	Fee Gal	Total Price
IWTU Ops (C.6.1) (Definitized by Modification 152)	0	-	\$ 6.53	\$ -
	Estimated Cost	Fee		
IWTU Phase 1 - Process Assessment (C.6.1.1) (Fixed Fee)	19,331,848.00	956,926.00		20,288,774.00
IWTU Phase 2 - Technical Issue Resolution (C.6.1.2) (Milestone Fee)	90,364,264.00	5,523,919.00		95,888,183.00
IWTU Phase 3/4 - Startup of Radiological Operations (C.6.1.10) (Fixed/Milestone Fee)	167,391,405.00	20,870,446.35		188,261,851.35
<b>Total (Excluding C.6.1 IWTU Ops)</b>	<b>277,087,517.00</b>	<b>27,351,291.35</b>		<b>304,438,808.35</b>
<b><u>Total Contract Cost (Excluding Options)</u></b>				
	Contract Cost	Max Fee	Target Fee	Total Price
	1,729,385,136	180,751,713	62,959,251	1,910,136,849
<b><u>Total Contract Cost (Includes Options)</u></b>				
Priced Options	Target Cost	Max Fee	Target Fee	Total Price
00001a - GrndWtr Monitoring Wells / CFA Landfill	773,962	100,228	38,311	874,190
00001b - GrdWtr Monitoring Wells/TAN Rem	676,966	87,667	33,510	764,633
00001c - Legacy Excess Radioactive/Haz Materials	24,747,535	3,204,806	1,225,003	27,952,341
00001d - RCRA Closure of AMWTP Facilities	30,476,158	3,946,662	1,508,570	34,422,820
00001e - Additional Temporary Storage	6,548,465	848,026	324,149	7,396,491
00001f - RH TRU Lot 11 Option Work (Definitized by Modification 050)	-	-	-	-
00001g - RH TRU Lot 12 Option Work	12,341,796	1,598,263	610,919	13,940,059
00001h - RH TRU Lot 11 GFY 2020 Option Work (Definitized by Modification 142)	-	-	-	-
00001i - RH TRU Lot 11 GFY 2021 Option Work	12,607,309	1,632,647	624,062	14,239,956
Total Options	88,172,191	11,418,299	4,364,524	99,590,490
<b>Total Contract Cost (Includes Options) and Max Fee</b>	<b>1,817,557,327</b>	<b>192,170,012</b>	<b>67,323,775</b>	<b>2,009,727,338</b>
<b><u>Contract Performance Ceiling (B.6)</u></b>				
Contract Performance Ceiling	1,477,760,707			
<b>NOTE:</b> Fixed Fee values from CLIN-3 and CLIN-6 are included in the max fee value for the total contract cost and total contract cost including options.				

No other changes to Section B.2(c).

**2. SECTION B.6(a)(2) CONTRACT PERFORMANCE CEILING** is revised as follows:

The current Contract Performance Ceiling (CPC) is increased by \$3,952,441 from \$1,473,808,266 to \$1,477,760,707.

3. **ATTACHMENT A - POH TRACKING TOOL** has been updated to include the changes as a result of this modification and is incorporated as part of this modification. The CLIN00003 section is revised to remove the line containing Mod 166 Nevada Spheres. The CLIN00001 POH amounts are not affected by removing this line from CLIN00003.

4. **SECTION C.7.3.2 Core Cartridge Preparations** is added as follows:

The Contractor shall complete the following Core Car Preparations activities at INTEC by May 31, 2021:

- A. A preliminary Criticality Safety Evaluation (CSE)
- B. Technical and Functional Requirements (T&FRs)
- C. Facility Change Forms (FCFs) for drawings, equipment and systems
- D. A Fuel Movement Plan
- E. An advanced conceptual design of upending equipment for the core car and the cutting table
- F. Design of the arc saw by a vendor
- G. Draft designs and requirements for the Removable Storage Container (RSC) venting, rinsing and blowdown systems
- H. Design of a full-scale core car mockup
- I. Draft drop analysis for moving core car from the Shipping Shield (SS) to the decontamination room
- J. Draft drop analysis for placement of the core car into Unloading pool 1
- K. Draft drop analysis for removal of lid from RSC over top of the core car
- L. Develop a Hazards Assessment Document (HAD)
- M. Complete an Environmental Checklist (EC)
- N. Perform an Air Permit Determination
- O. Utilize the As Low As Reasonably Achievable (ALARA) committee to oversee and provide input for radiological considerations of the project
- P. Draft an update to the CPP-666 Physical Security Plan in preparation for in facility work
- Q. Support NRF in maintaining the CPP-666 annex secure room. NRF will update three (3) computers for confidential analyses efforts, grant personnel access to Naval Nuclear Laboratory (NNL) network, etc.
- R. Provide project management, oversight and support activities.
- S. Revise/update the Memorandum of Agreement (MOA) between the ICP contractor and NR-IBO.
- T. Evaluation of safety basis changes and initiation of draft safety document to meet new Safety Analysis Report (SAR) requirements

*The CLIN-3 estimated cost is increased by \$3,269,951 and the corresponding fixed fee is increased by \$241,976. In addition, CLIN-1 indirect costs are increased by \$588,591. The corresponding CLIN-1 target fee is increased by \$29,135 and the CLIN-1 max fee is increased by \$76,223.*

No other changes to Section C.7.3.2.

**5. SECTION C.8.4 General Facility Management, last sentence of last paragraph, is revised from:**

The Contractor shall provide office space for the DOE Inspector General and current INL contractor at TSB-TSA.

**To:**

The Contractor shall provide office space for the DOE Inspector General (IG) including installation of high panels and rolling cages for the DOE IG's evidence area, and current INL contractor at TSB-TSA.

*The CLIN-1 indirect target costs are increased by \$15,650. The corresponding CLIN-1 target fee is increased by \$775 and the CLIN-1 max fee is increased by \$2,027.*

No other changes to Section C.8.4.

**6. CONTRACTOR'S STATEMENT OF RELEASE:** In consideration of the modification agreed to herein as a complete equitable adjustment for the directed changed identified in this modification, and in accordance with contract Section I.100 52.243-2 Changes—Cost Reimbursement Alt II and III, the Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to the proposal for adjustment.

The total price of the equitable adjustment for CLIN-1 is \$682,490 and for CLIN-3 is \$3,511,927.

No other changes to the contract terms and conditions.

Summary Through Mod - 171									
		Direct Cost Change		Total Direct Cost		POH Change		Total POH	
<b>Intitial CLINS 1,2,3,4,6</b>									
CLIN00001		\$	144,703,492	\$	975,624,953	\$	25,289,908	\$	290,675,615
CLIN00002		\$	(18,791,157)	\$	1,101,537,288				315,965,523
CLIN00003		\$	44,257,583	\$	1,145,794,871				
CLIN00004		\$	1,056,927	\$	1,146,851,798				
CLIN00006		\$	232,648,518	\$	1,379,500,316				
Less Options		\$	(91,080,703)	\$	1,288,419,613				
<b>TOTAL</b>		\$	<b>312,794,660</b>	\$	<b>1,288,419,613</b>	\$	<b>25,289,908</b>	\$	<b>315,965,523</b>

CLIN00001									
Mod	Work scope description	Direct Cost Change		Total Direct Cost		POH Change		Total POH	
		Initial CLIN 00001 + Priced Options		Initial		Initial		Initial	
		\$		\$	851,746,153	\$		\$	290,675,615
010	Calcine Disposition Project	\$	442,956	\$	852,189,109	\$	-	\$	290,675,615
014	Inf Upgrade Project	\$	2,991,701	\$	855,180,810	\$	-	\$	290,675,615
020	ICDF,CCP&MFA	\$	8,842,414	\$	864,023,224	\$	-	\$	290,675,615
022	MFC D&D	\$	480,355	\$	864,503,579	\$	-	\$	290,675,615
023	Material Diff	\$	(10,541,000)	\$	853,962,579	\$	-	\$	290,675,615
025	Direct/Ind true up	\$	(3,824,905)	\$	850,137,674	\$	3,824,905	\$	294,500,520
027	Calcine Disposition Project	\$	4,722,370	\$	854,860,044	\$	-	\$	294,500,520
028	Tank Farm Cap	\$	1,799,652	\$	856,659,696	\$	-	\$	294,500,520
032	Navy Replan Adj	\$	5,765,761	\$	862,425,457	\$	-	\$	294,500,520
040	TAN well	\$	655,618	\$	863,081,075	\$	-	\$	294,500,520
046	G&A Adj, Guard	\$	314,400	\$	863,395,475	\$	224,000	\$	294,724,520
050	RH TRU	\$	21,559,824	\$	884,955,299	\$	-	\$	294,724,520
056	NNPP Adustment	\$	13,875,628	\$	898,830,927	\$	-	\$	294,724,520
059	Mandatory Srv	\$	-	\$	898,830,927	\$	(34,859,143)	\$	259,865,377
078	Radios	\$	786,088	\$	899,617,015	\$	-	\$	259,865,377
080	LWFC	\$	(71,392,824)	\$	828,224,191	\$	-	\$	259,865,377
081	SNF Replan	\$	1,610,172	\$	829,834,363	\$	-	\$	259,865,377
088	Nitric Acid	\$	1,202,447	\$	831,036,810	\$	-	\$	259,865,377
089	Batch Plant	\$	55,000	\$	831,091,810	\$	-	\$	259,865,377
092	UST	\$	312,539	\$	831,404,349	\$	-	\$	259,865,377
104	EBR II D&D	\$	(4,779,913)	\$	826,624,436	\$	-	\$	259,865,377
108	AMWTP Roofs 676 & 678	\$	810,298	\$	827,434,734	\$	-	\$	259,865,377
109	INL Proprietary Alarm System	\$	-	\$	827,434,734	\$	42,643	\$	259,908,020
110	CPP-2707 Security REA	\$	173,050	\$	827,607,784	\$	110,056	\$	260,018,076
111	MTR Canister	\$	(693,220)	\$	826,914,564	\$	-	\$	260,018,076
112	EBR II D&D adjustment	\$	1,000,000	\$	827,914,564	\$	431,500	\$	260,449,576
115	AMWTP Future Mission, FSV Biennial Exercise (actual costs)	\$	77,987	\$	827,992,551	\$	-	\$	260,449,576
116	Emergency Management (shift to indirect)	\$	(22,302)	\$	827,970,249	\$	22,302	\$	260,471,878
118	10 CFR 851	\$	-	\$	827,970,249	\$	715,000	\$	261,186,878
121	CPP-749 Gas Sampling	\$	93,000	\$	828,063,249	\$	-	\$	261,186,878
122	Utility Tunnel Repairs, Demob from EBRII D&D	\$	2,231,872	\$	830,295,121	\$	-	\$	261,186,878
124	CH TRU Waste Settlement	\$	115,300,000	\$	945,595,121	\$	18,915,899	\$	280,102,777
125	IT Support for STI at WCB, FSV Travel Actuals	\$	93,496	\$	945,688,617	\$	16,829	\$	280,119,606
126	Continue CCP Staffing; Discontinue Fab and Testing of Shielded Container for Lot 9B	\$	139,396	\$	945,828,013	\$	(838,051)	\$	279,281,555
	IWTU Indirects - DMR Aging Coupons, Hazen/Lab Support, Canister Decon Conceptual Design, Product Sampling, Remove/Clean Uncoated Elements on PGF.	\$	-	\$	945,828,013	\$	3,049,983	\$	282,331,538
129	INTEC ECS wireless communication	\$	197,047	\$	946,025,060	\$	35,468	\$	282,367,006
	IWTU Phase 3/4 Facility Mods, Confirmatory Demonstration								
131	Run, System Perf Tests, Start Rad Ops	\$		\$	946,025,060	\$	11,091,909	\$	293,458,915
132	FY 2019 Calcine Additional Scope and IORC move	\$		\$	946,025,060	\$	761,457	\$	294,220,371
138	IT Policies	\$	61,288	\$	946,086,348	\$	11,032	\$	294,231,403
140	INTEC UCS Obsolete Parts	\$	1,273,756	\$	947,360,104	\$	229,276	\$	294,460,679
141	DCAA Audit - IWTU Phase 3/4 Part A	\$	-	\$	947,360,104	\$	(153,979)	\$	294,306,700
142	RH Waste Lot 11 FY 2020 Priced Option	\$	19,099,074	\$	966,459,178	\$	3,437,833	\$	297,744,534
145	INTEC Long Range Plan, U-233, 749 Transfers	\$	9,123,368	\$	975,582,546	\$	1,643,265	\$	299,387,799
148	Continue CCP Staffing to support RH TRU	\$	1,071,423	\$	976,653,969	\$	192,856	\$	299,580,655
150	Electrical Distribution, RTR Equipment, 10CFR851 Phase 1	\$	1,941,621	\$	978,595,590	\$	434,077	\$	300,014,732
152	IWTU Phase 3/4 Part B (Less IWTU Ops)	\$		\$	978,595,590	\$	2,913,406	\$	302,928,138
153	FY 2020 Calcine	\$		\$	978,595,590	\$	1,477,747	\$	304,405,885
156	IWTU Vulnerabilities	\$	6,753,155	\$	985,348,745	\$	1,215,568	\$	305,621,453
160	Intec Paving	\$	983,760	\$	986,332,505	\$	177,077	\$	305,798,530
162	Extend Waste Generator Services	\$	56,155	\$	986,388,660	\$	10,108	\$	305,808,638
164	10CFR851 Phase II Implementation	\$	3,080,251	\$	989,468,911	\$	554,445	\$	306,363,083
165	RCRA Closure ARP V Scope Revisions	\$	3,858,389	\$	993,327,300	\$	694,510	\$	307,057,593
167	IWTU Phase 3/4 Part C Fac Mods, Confirm Run, SPT, Start Ops	\$		\$	993,327,300	\$	8,303,689	\$	315,361,282
168	RH Steady State	\$	3,122,345	\$	996,449,645	\$	-	\$	315,361,282
171	OIG Support, Core Cartridge Preps (navy)	\$	-	\$	996,449,645	\$	604,241	\$	315,965,523
CLIN 00001 Change from Initial Contract		\$	144,703,492	\$	996,449,645	\$	25,289,908	\$	315,965,523

CLIN00002				
Mod	Work scope description	Direct Cost Change		Total Direct Cost
		Initial		Initial
		\$		\$ 61,158,338
46	G&A Adj	\$	(138,146)	\$ 61,020,192
56	NNPP Adustment	\$	(13,857,777)	\$ 47,162,415
126	Remove RH TRU Shipping, Decrease scope for Certification	\$	(4,795,234)	\$ 42,367,181
CLIN 00002 Change from Initial Contract		\$	(18,791,157)	\$ 42,367,181

CLIN00003				
Mod	Work scope description	Estimated Cost Change		Total Estimated Cost
		Initial		Initial
		\$		\$ 12,526,501
022	NE CPP 603 Crane	\$	1,175,070	\$ 13,701,571
027	Fuel Inversion	\$	678,707	\$ 14,380,278
032	Navy Replan	\$	4,992,567	\$ 19,372,845

033	Closeout	\$	350,001	\$	19,722,846
036	NE CPP 603 Crane	\$	5,449,933	\$	25,172,779
046	G&A Adj	\$	(5,868)	\$	25,166,911
051	Nvy Adj, Castor V/21 & USGS	\$	(203,767)	\$	24,963,144
053	NE CPP 603 Crane	\$	(81,325)	\$	24,881,819
056	DOE Support	\$	29,412	\$	24,911,231
086	Calcine	\$	3,241,141	\$	28,152,372
111	MTR Canister	\$	1,087,100	\$	29,239,472
112	Calcine Retrieval Scope Removal	\$	(122,305)	\$	29,117,167
115	FY 2019 Calcine, SPRU data collection and estimate	\$	6,047,697	\$	35,164,864
132	FY 2019 Calcine Additional Scope and IORC move	\$	4,230,314	\$	39,395,178
145	RH LLW SME Review Updated Performance Assessment	\$	5,882	\$	39,401,060
149	Navy Borehole Invoices	\$	5,903,367	\$	45,304,427
153	Calcine FY 2020	\$	8,209,706	\$	53,514,133
171	Navy Core Cartridge Preps	\$	3,269,951	\$	57,562,490
CLIN 00003 Change from Initial Contract		\$	44,257,583	\$	56,784,084

## CLIN00004

Mod	Work scope description	Estimated Cost Change		Total Estimated Cost
			Initial	\$ 5,754,962
10	IWTU Transition	\$	1,056,927	\$ 6,811,889
CLIN 00004 Change from Initial Contract		\$	1,056,927	\$ 6,811,889

## CLIN00006

Mod	Work scope description	Estimated Cost Change		Total Estimated Cost
			Initial	\$ 44,438,999
012	Phase I	\$	19,331,848	\$ 63,770,847
037	Phase II	\$	66,553,245	\$ 130,324,092
046*	G&A Adj	\$	(131,068)	\$ 130,193,024
103	DMR Redesign	\$	5,659,068	\$ 135,852,092
103	CRR Repair	\$	1,207,602	\$ 137,059,694
	DMR Aging Coupons, Hazen/Lab Support, Canister Decon Conceptual Design, Product Sampling, Remove/Clean Uncoated Elements on PGF.	\$	16,944,349	\$ 154,004,043
128	IWTU Phase 3/4 Facility Mods, Confirmatory Demonstration			
131	Run, System Perf Tests, Start Rad Ops	\$	61,621,715	\$ 215,625,758
141	DCAA Audit - IWTU Phase 3/4 Part A	\$	(855,438)	\$ 214,770,320
152	IWTU Phase 3/4 Part B (Less IWTU Ops)	\$	16,185,590	\$ 230,955,910
167	IWTU Phase 3/4 Part C Fac Mods, Confirm Run, SPT, Start Ops	\$	46,131,607	\$ 277,087,517
CLIN 00006 Change from Initial Contract		\$	232,648,518	\$ 277,087,517