

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

2. AMENDMENT/MODIFICATION NO.

3. EFFECTIVE DATE

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

147

See Block 16C

6 ISSUED BY

CODE

00701

7. ADMINISTERED BY (If other than Item 6)

CODE

00701

Idaho Operations
U.S. Department of Energy
Idaho Operations
1955 Fremont Avenue
Idaho Falls ID 83415

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)

CH2M WG IDAHO LLC
Attn: Michael D. Ebben
151 NORTH RIDGE AVENUE
SUITE 150
IDAHO FALLS ID 834024039

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO.
DE-AC07-05ID14516

10B. DATED (SEE ITEM 13)

03/23/2005

CODE 166527569

FACILITY CODE

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.
 - 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)
- X I.8) FAR 52.243-2 Changes Cost Reimbursement (Aug 1987) and Alternate 1 (Apr 1984)

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: 05-0607601

DUNS Number: 166527569

Section B, Clause B.5 ITEMS NOT INCLUDED IN TARGET COST is deleted in its entirety and replaced with Attachment 1. Funding for new B.5 activities may be provided in a future funding modification. These B.5 items are not included in the Target Cost of this contract and are not included in the EM Funding Profile in Section B.2 (as listed in Section C.11). The FY 2010 activities will be performed in accordance with negotiations between CH2M-WG Idaho and DOE Idaho Operations Office and as detailed in the work scopes included in Attachment 2. This modification is subject to adjustment upon the determination whether or not to include G&A costs in the B.5 Out of Target Work Scope fee calculation.
Period of Performance: 03/23/2005 to 09/30/2012

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)

Michael D. Ebben, VICE PRESIDENT

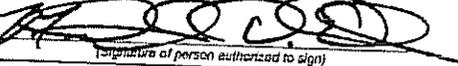
Maria M. Mitchell

15B. CONTRACTOR/OFFEROR

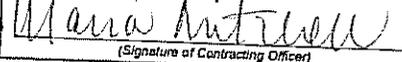
15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

15C. DATE SIGNED



4 Aug 2010



8/4/2010

NSN 7540-01-152-8070
Previous edition unusable

Working Copy

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

Activity		FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	Total
(a) Transition Activities T.L.01	Actual Costs	\$3,383,192								\$3,383,192
(b) Three Mile Island (TMI) II Independent Spent Fuel Storage Installation (ISFSI) operations and maintenance T.M.02	Estimated Cost	\$355,711	\$1,273,224	\$4,064,757	\$3,951,910	\$4,685,050	\$4,127,166			\$23,915,219
	Fixed Fee	\$23,121	\$82,760	\$299,166	\$269,408	\$344,820	\$235,150			\$1,609,156
	Total CPFF	\$378,832	\$1,355,984	\$4,363,923	\$4,221,318	\$5,029,870	\$4,362,316			\$25,524,375
(c) Fort St. Vrain ISFSI operations and maintenance T.M.02	Estimated Cost	\$1,258,889	\$4,198,512	Estimates for (b) and (c) are combined for FY07	Estimates for (b) and (c) are combined for FY08	Estimates for (b) and (c) are combined for FY09	Estimates for (b) and (c) are combined for FY10			
	Fixed Fee	\$81,828	\$272,903							
	Total CPFF	\$1,340,717	\$4,471,415							
(d) Fuel receipts or transfers of non-EM owned Spent Nuclear Fuel (SNF), including:										
1. Transfers of Navy SNF to Naval Reactors Facility (NRF) (DOE funded FY05-07/Navv funded FY08-current) T.M.01	Estimated Cost	N/A	\$3,628,592	\$12,953,614	\$16,202,969	\$12,413,656	\$13,805,734			\$59,004,565
	Fixed Fee	N/A	\$254,884	\$953,386	\$1,192,539	\$879,091	\$768,529			\$4,048,429
	Total CPFF	N/A	\$3,883,476	\$13,907,000	\$17,395,508	\$13,292,747	\$14,574,263			\$63,052,994
2. Transfers of EBR II fuel T.M.01	Estimated Cost	N/A	N/A	N/A	N/A	N/A	N/A			N/A
	Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A			N/A
	Total CPFF	N/A	N/A	N/A	N/A	N/A	N/A			N/A
3. Subsequent transfer out of CPP-666 of ATR SNF received after FY05 T.M.01	Estimated Cost	N/A	N/A	N/A	N/A	N/A	N/A			N/A
	Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A			N/A
	Total CPFF	N/A	N/A	N/A	N/A	N/A	N/A			N/A
(e) Receipts and unloading of Foreign Research Reactor (FRR) SNF casks, including shipping costs of FRR SNF from non-paying countries. T.M.04	Estimated Cost	\$49,000	\$936,250	\$2,329,033	\$2,679,402	\$1,507,425	\$851,275			\$8,352,385
	Fixed Fee	\$3,185	\$60,856	\$171,417	\$197,204	\$106,114	\$46,820			\$585,596
	Total CPFF	\$52,185	\$997,106	\$2,500,450	\$2,876,606	\$1,613,539	\$898,095			\$8,937,981
(f) Receipts and unloading of Domestic Research Reactor (DRR) SNF casks. (WSU, OSU)				Estimates for (e) and (f) are combined for FY07	Estimates for (e) and (f) are combined for FY08	Estimates for (e) and (f)(1) are combined for FY09	Estimates for (e) and (f)(1) and (2) are combined for FY10			
1. Washington and Oregon State University DRR T.M.04	Estimated Cost	\$339,000	\$1,575,100							
	Fixed Fee	\$22,035	\$120,161							
	Total CPFF	\$361,035	\$1,695,261							
2. Wisconsin State University DRR T.M.04	Estimated Cost	N/A	N/A	N/A	N/A	\$926,400				\$926,400
	Fixed Fee	N/A	N/A	N/A	N/A	\$73,600				\$73,600
	Total CPFF	N/A	N/A	N/A	N/A	\$1,000,000				\$1,000,000
3. General Atomics DRR T.M.04	Estimated Cost						\$947,867			\$947,867
	Fixed Fee						\$52,133			\$52,133
	Total CPFF						\$1,000,000			\$1,000,000
(g) Analytical Laboratory Services. T.N.01 (Bad drum debt)	Estimated Cost	N/A	\$660,000			\$250,000	\$734,000			\$1,644,000
	Fixed Fee	N/A	N/A			0	\$0			\$0
1. DOE Carlsbad Support of TRU Waste Program	Total CPFF	N/A	\$660,000			\$250,000	\$734,000			\$1,644,000
2. Lab Services	Estimated Cost					\$200,000	\$1,499,627			\$1,699,627
	Fixed Fee					0	\$110,373			\$110,373
	Total CPFF					\$200,000	\$1,610,000			\$1,810,000

Activity		FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	Total
(l) Geographic Information System (GIS) work for the State of Idaho. T.M.10	Estimated Cost	\$10,000								\$10,000
	Fixed Fee	N/A								\$0
	Total CPFF	\$10,000								\$10,000
(m) Support to SNFDSP Contract. 1. Support to SNFDSP Contract T.M.02, 03	Estimated Cost	\$49,400	\$97,789	N/A	N/A	N/A	N/A			\$147,189
	Fixed Fee	\$3,636	\$7,197	N/A	N/A	N/A	N/A			\$10,833
	Total CPFF	\$53,036	\$104,986	N/A	N/A	N/A	N/A			\$158,022
2. FWENC Records Management T.M.02, 03	Estimated Cost	N/A	N/A	\$27,600	\$31,114					\$58,714
	Fixed Fee	N/A	N/A	\$2,031	\$2,290					\$4,321
	Total CPFF	N/A	N/A	\$29,631	\$33,404					\$63,035
(n) Other Contractor Support to DOE: 1. Developer Support T.L.01 (NE Funded)	Estimated Cost	N/A	\$640,929	\$782,690	\$701,747	\$795,118	\$613,470	\$634,603	\$780,480	\$4,949,037
	Fixed Fee	N/A	\$3,081	\$15,654	\$14,035	\$13,003	\$12,269	\$12,692	\$15,610	\$86,344
	Total CPFF	N/A	\$644,010	\$798,344	\$715,782	\$808,121	\$625,739	\$647,295	\$796,090	\$5,035,381
2. Records Management Support T.L.01	Estimated Cost	N/A	\$135,082	\$123,098	\$278,775	\$211,338	\$212,976	\$220,007	\$268,528	\$1,449,804
	Fixed Fee	N/A	\$650	\$2,462	\$5,575	\$2,954	\$4,260	4400	5371	\$25,672
	Total CPFF	N/A	\$135,732	\$125,560	\$284,350	\$214,292	\$217,236	\$224,407	\$273,899	\$1,475,476
3. ID Copier Support T.L.01	Estimated Cost	N/A	\$21,531	\$72,177	\$63,318	\$24,329	\$21,620	\$22,259	\$26,725	\$251,959
	Fixed Fee	N/A	\$430	\$1,444	\$1,266	\$366	\$432	445	535	\$4,918
	Total CPFF	N/A	\$21,961	\$73,621	\$64,584	\$24,695	\$22,052	\$22,704	\$27,260	\$256,877
4. ID Mail Services T.L.01	Estimated Cost	N/A		\$26,824	\$79,688	\$28,326	\$38,199	\$39,183	\$46,463	\$258,683
	Fixed Fee	N/A		\$536	\$833	\$567	\$764	\$784	\$929	\$4,413
	Total CPFF	N/A		\$27,360	\$80,521	\$28,893	\$38,963	\$39,967	\$47,392	\$263,096
5. Dosimetry T.L.01	Estimated Cost	N/A		\$32,231	\$32,231	\$27,480	\$43,599	\$44,892	\$53,900	\$234,333
	Fixed Fee	N/A		\$400	\$400	\$550	\$872	\$898	\$1,078	\$4,198
	Total CPFF	N/A		\$32,631	\$32,631	\$28,030	\$44,471	\$45,790	\$54,978	\$238,531
6. Printing T.L.01	Estimated Cost	N/A		\$5,255	\$58,002	\$50,675	\$41,277	\$42,497	\$51,023	\$248,729
	Fixed Fee	N/A		\$105	\$540	\$699	\$826	\$850	\$1,020	\$4,040
	Total CPFF	N/A		\$5,360	\$58,542	\$51,374	\$42,103	\$43,347	\$52,043	\$252,769
7. Wireless Support T.L.01	Estimated Cost	N/A				\$153,413	\$23,301	\$23,482	\$26,714	\$226,910
	Fixed Fee	N/A				\$3,068	\$466	\$470	\$534	\$4,538
	Total CPFF	N/A				\$156,481	\$23,767	\$23,952	\$27,248	\$231,448
8. DOE Office Moves (INTEC) T.L.01	Estimated Cost	N/A				\$7,500	\$0			\$7,500
	Fixed Fee	N/A				\$0	\$0			\$0
	Total CPFF	N/A				\$7,500	\$0			\$7,500
9. Portable Toilet - RESL (CFA Bldg 638) T.L.01	Estimated Cost	N/A			\$1,000	\$1,700	\$1,800	\$1,800	\$1,800	\$8,100
	Fixed Fee	N/A			\$0	\$0	\$0	\$0	\$0	\$0
	Total CPFF	N/A			\$1,000	\$1,700	\$1,800	\$1,800	\$1,800	\$8,100
10. DOE Training T.L.01	Estimated Cost	N/A				\$14,706	\$4,902			\$19,608
	Fixed Fee	N/A				\$294	\$98			\$392
	Total CPFF	N/A				\$15,000	\$5,000			\$20,000
(o) LT SNF Support T.M.01, 03 (FY2010 SNF Assay Disposition T.M.03)	Estimated Cost	\$587,712	\$1,025,000	\$1,020,577	\$696,350	\$747,343	\$124,127			\$4,201,109
	Fixed Fee	\$43,256	\$75,440	\$75,114	\$50,426	\$50,907	\$7,661			\$302,804
	Total CPFF	\$630,968	\$1,100,440	\$1,095,691	\$746,776	\$798,250	\$131,788			\$4,503,913

Activity		FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	Total
(p) Other DOE Authorized Small Changes.										
1. HLW Calcine T.L.01	Estimated Cost			\$110,000						\$110,000
	Fixed Fee			\$4,400						\$4,400
	Total CPFF			\$114,400						\$114,400
2. RH-TRU Study T.L.01 (NE Funded)	Estimated Cost		\$255,000							\$255,000
	Fixed Fee		0							\$0
	Total CPFF		\$255,000							\$255,000
3. SDA Extended Operations T.L.01	Estimated Cost			\$20,000						\$20,000
	Fixed Fee			\$800						\$800
	Total CPFF			\$20,800						\$20,800
4. Macromedia Flash Presentation T.L.01	Estimated Cost			\$19,176						\$19,176
	Fixed Fee			\$316						\$316
	Total CPFF			\$19,492						\$19,492
5. Pit 9 Road T.L.01	Estimated Cost			\$61,520						\$61,520
	Fixed Fee			\$4,528						\$4,528
	Total CPFF			\$66,048						\$66,048
6. DUF6 Commissioning T.L.01	Estimated Cost					\$8,705				\$8,705
	Fixed Fee					\$0				\$0
	Total CPFF					\$8,705				\$8,705
7. CPP-651 Transition to BEA T.M.11	Estimated Cost					\$50,000				\$50,000
	Fixed Fee					\$0				\$0
	Total CPFF					\$50,000				\$50,000
8. Waste Transfer Cask to Arco Museum T.L.01	Estimated Cost					\$25,000				\$25,000
	Fixed Fee					\$0				\$0
	Total CPFF					\$25,000				\$25,000
9. Suspect RH-TRU Estimate T.L.01	Estimated Cost				\$15,000					\$15,000
	Fixed Fee				\$0					\$0
	Total CPFF				\$15,000					\$15,000
10. ICP Highlight Video T.L.01	Estimated Cost				\$6,347					\$6,347
	Fixed Fee				\$0					\$0
	Total CPFF				\$6,347					\$6,347
11. RESL Dosimetry T.L.01	Estimated Cost				\$12,231					\$12,231
	Fixed Fee				\$0					\$0
	Total CPFF				\$12,231					\$12,231
12. ZPPR Deactivation T.N.01	Estimated Cost					\$26,622				\$26,622
	Fixed Fee					\$0				\$0
	Total CPFF					\$26,622				\$26,622
13. Pit 9 T.L.01	Estimated Cost					\$4,395				\$4,395
	Fixed Fee					\$0				\$0
	Total CPFF					\$4,395				\$4,395
14. Prep of Est - Repackaging of AMWTP Organic Sludge Drums	Estimated Cost						\$17,000			\$17,000
	Fixed Fee						\$0			\$0
	Total CPFF						\$17,000			\$17,000

Activity		FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	Total
15. CPP-603 Roof Estimate	Cost						\$67,199			\$67,199
	Fixed Fee						\$1,520			\$1,520
	Total CPFF						\$68,719			\$68,719
16. Star Facility Estimate	Cost						\$9,615			\$9,615
	Fixed Fee						\$385			\$385
	Total CPFF						\$10,000			\$10,000
17. Haul Road EA Estimate	Cost						\$9,615			\$9,615
	Fixed Fee						\$385			\$385
	Total CPFF						\$10,000			\$10,000
18. CWI Tours of National Strategic Planning Group	Cost						\$5,000			\$5,000
	Fixed Fee						\$0			\$0
	Total CPFF						\$5,000			\$5,000
(q) CPP-603 Mechanical Upgrade T.M.08	Estimated Cost	N/A	N/A	\$269,875	\$707,899	\$1,926,744				\$2,904,518
	Fixed Fee	N/A	N/A	\$19,863	\$52,101	\$126,352				\$198,316
	Total CPFF	N/A	N/A	\$289,738	\$760,000	\$2,053,096				\$3,102,834
(r) INL Remote Handled Waste Disposition Project (RWDP) T.A.01	Estimated Cost	N/A	N/A	\$2,208,385	\$2,837,258	\$3,351,340				\$8,396,983
	Fixed Fee	N/A	N/A	\$153,068	\$218,291	\$246,658				\$618,017
	Total CPFF	N/A	N/A	\$2,361,453	\$3,055,549	\$3,597,998				\$9,015,000
(s) Materials and Fuels Complex HEPA Filter Disposition T.A.02 (NE Funded)	Estimated Cost	N/A	N/A	\$811,274			N/A			\$811,274
	Fixed Fee	N/A	N/A	\$59,710			N/A			\$59,710
	Total CPFF	N/A	N/A	\$870,984			N/A			\$870,984
(t) SDA Extended Operations T.L.01 (NE funded)	Estimated Cost	N/A	N/A	\$20,000		N/A	N/A			\$20,000
	Fixed Fee	N/A	N/A	\$0		N/A	N/A			\$0
	Total CPFF	N/A	N/A	\$20,000		N/A	N/A			\$20,000
(u) Direct Canister Study T.M.03	Estimated Cost	N/A	\$250,000				N/A			\$250,000
	Fixed Fee	N/A	\$18,400				N/A			\$18,400
	Total CPFF	N/A	\$268,400				N/A			\$268,400
(v) CPP-651 Maintenance T.M.11	Estimated Cost	N/A	\$95,000	\$189,898	\$92,321	\$83,900				\$461,119
	Fixed Fee	N/A	\$6,992	\$13,976	\$6,567	\$6,175				\$33,710
	Total CPFF	N/A	\$101,992	\$203,874	\$98,888	\$90,075				\$494,829
(w) Preparation of Estimate – NE Central Utility Building T.L.01 (NE Funded)	Estimated Cost	N/A	N/A	\$18,000		N/A	N/A			\$18,000
	Fixed Fee	N/A	N/A	\$0		N/A	N/A			\$0
	Total CPFF	N/A	N/A	\$18,000		N/A	N/A			\$18,000
(x) Pu Source T.M.03	Estimated Cost	N/A	N/A	N/A	N/A	\$37,257				\$37,257
	Fixed Fee	N/A	N/A	N/A	N/A	\$2,743				\$2,743
	Total CPFF	N/A	N/A	N/A	N/A	\$40,000				\$40,000

Activity		FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	Total
(y) Seed Module										
1. Transfer of FSV-1 Cask T.M.12	Estimated Cost	N/A	N/A	N/A	N/A	\$38,480				\$38,480
	Fixed Fee	N/A	N/A	N/A	N/A	\$2,832				\$2,832
	Total CPFF	N/A	N/A	N/A	N/A	\$41,312				\$41,312
2. Seed Module T.M.12	Estimated Cost	N/A	N/A	N/A	N/A	\$45,192				\$45,192
	Fixed Fee	N/A	N/A	N/A	N/A	\$3,326				\$3,326
	Total CPFF	N/A	N/A	N/A	N/A	\$48,518				\$48,518
(z) CPP-651 Transition to BEA T.M.11 (NN Funded)	Estimated Cost	N/A	N/A	N/A	N/A	\$801,313				\$801,313
	Fixed Fee	N/A	N/A	N/A	N/A	\$58,977				\$58,977
	Total CPFF	N/A	N/A	N/A	N/A	\$860,290				\$860,290
(bb) HFEF Cans (NE funded) T.A.02	Estimated Cost	N/A	N/A	N/A	\$15,000	N/A	N/A			\$15,000
	Fixed Fee	N/A	N/A	N/A	\$0	N/A	N/A			\$0
	Total CPFF	N/A	N/A	N/A	\$15,000	N/A	N/A			\$15,000
(cc) RWMC Electrical Upgrade T.B.01	Estimated Cost	N/A	N/A	N/A	N/A	\$1,053,151				\$1,053,151
	Fixed Fee	N/A	N/A	N/A	N/A	\$68,159				\$68,159
	Total CPFF	N/A	N/A	N/A	N/A	\$1,121,310				\$1,121,310
(dd) Borrow Pit Study T.L.01	Estimated Cost	N/A	N/A	N/A	\$139,717					\$139,717
	Fixed Fee	N/A	N/A	N/A	\$10,283					\$10,283
	Total CPFF	N/A	N/A	N/A	\$150,000					\$150,000
(ee) RWDP Early Actions T.A.03 (NE Funded)	Estimated Cost	N/A	N/A	N/A	\$566,000		N/A			\$566,000
	Fixed Fee	N/A	N/A	N/A	\$0		N/A			\$0
	Total CPFF	N/A	N/A	N/A	\$566,000		N/A			\$566,000
(ff) VCO Support T.M.13 (NE Funded)	Estimated Cost	N/A	N/A	N/A	N/A	N/A	\$2,156,420			\$2,156,420
	Fixed Fee	N/A	N/A	N/A	N/A	N/A	\$118,975			\$118,975
	Total CPFF	N/A	N/A	N/A	N/A	N/A	\$2,275,395			\$2,275,395
(gg) 1. Dial Room T.M.13	Estimated Cost	N/A	N/A	N/A	N/A	N/A	\$4,339,904			\$4,339,904
	Fixed Fee	N/A	N/A	N/A	N/A	N/A	\$259,273			\$259,273
	Total CPFF	N/A	N/A	N/A	N/A	N/A	\$4,599,177			\$4,599,177
2. ECS Relocation	Estimated Cost	N/A	N/A	N/A	N/A	N/A	\$93,145			\$93,145
	Fixed Fee	N/A	N/A	N/A	N/A	N/A	\$6,855			\$6,855
	Total CPFF	N/A	N/A	N/A	N/A	N/A	\$100,000			\$100,000
(hh) Navy - New Secure Room T.M.13	Estimated Cost	N/A	N/A	N/A	N/A	N/A	\$251,255			\$251,255
	Fixed Fee	N/A	N/A	N/A	N/A	N/A	\$13,914			\$13,914
	Total CPFF	N/A	N/A	N/A	N/A	N/A	\$265,169			\$265,169
(ii) MFC-INTEC Roadway T.L.01 1. NEPA	Estimated Cost	N/A	N/A	N/A	N/A	N/A	\$302,531			\$302,531
	Fixed Fee	N/A	N/A	N/A	N/A	N/A	\$18,135			\$18,135
	Total CPFF	N/A	N/A	N/A	N/A	N/A	\$320,666			\$320,666

Activity		FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	Total
2. Design-Build-Planning	Estimated Cost	N/A	N/A	N/A	N/A	N/A	TBD			TBD
	Fixed Fee	N/A	N/A	N/A	N/A	N/A	TBD			TBD
	Total CPFF	N/A	N/A	N/A	N/A	N/A	TBD			TBD
3. Tech Support	Estimated Cost	N/A	N/A	N/A	N/A	N/A	\$51,230			TBD
	Fixed Fee	N/A	N/A	N/A	N/A	N/A	\$3,771			TBD
	Total CPFF	N/A	N/A	N/A	N/A	N/A	\$55,000			TBD
(j) INTEC Electrical Upgrade T.M.13	Estimated Cost	N/A	N/A	N/A	N/A	N/A	\$1,676,602			\$1,676,602
	Fixed Fee	N/A	N/A	N/A	N/A	N/A	\$123,398			\$123,398
	Total CPFF	N/A	N/A	N/A	N/A	N/A	\$1,800,000			\$1,800,000
(kk) Ordnance Scrap Metal Removal for Snow Fence (NE Funded)	Estimated Cost	N/A	N/A	N/A	N/A	N/A	\$246,689			\$246,689
	Fixed Fee	N/A	N/A	N/A	N/A	N/A	\$13,311			\$13,311
	Total CPFF	N/A	N/A	N/A	N/A	N/A	\$260,000			\$260,000
(ll) Adapted Technologies Project T.L.01	Estimated Cost	N/A	N/A	N/A	N/A	N/A	\$908,145			\$908,145
	Fixed Fee	N/A	N/A	N/A	N/A	N/A	\$66,855			\$66,855
	Total CPFF	N/A	N/A	N/A	N/A	N/A	\$975,000			\$975,000
(mm) Shipment of cask (HLW calcine) from INTEC 1659 to MFC T.M.13 (Mod M109 (ff) activity; moved to (mm) by Mod 127)	Estimated Cost	N/A	N/A	N/A	N/A	\$186,289				\$186,289
	Fixed Fee	N/A	N/A	N/A	N/A	\$13,711				\$13,711
	Total CPFF	N/A	N/A	N/A	N/A	\$200,000				\$200,000
(nn) RH Legacy Waste - Estimate Only (NE Funded)	Estimated Cost	N/A	N/A	N/A	N/A	N/A	\$15,000			\$15,000
	Fixed Fee	N/A	N/A	N/A	N/A	N/A	\$0			\$0
	Total CPFF	N/A	N/A	N/A	N/A	N/A	\$15,000			\$15,000

FY 2010 B.5 Additional Work Scope

Activity (o) – Long Term Spent Fuel Disposition

CWI shall:

- Provide support to DOE-ICP to answer questions that may be asked to determine the impacts of DOE's petition for withdrawal of the license application by DOE HQ, e.g. GAO Audits and the Blue Ribbon Commission in FY 2011-12; and support DOE-ICP response to the Blue Ribbon Commission's report in FY 2012 (estimated at 200 hours total).
- Maintain a skill set through 2012 capable of discussing ICP-assigned SNF and addressing NE-assigned SNF. This support will include responses to internal and external agency information requests, planning exercises and the documentation required to support these efforts. Separate tasks will be provided if retrieval of SNF from CPP-666 or 603 is funded. (CWI should propose the skill set and cost to DOE).
- Complete Conceptual Safety Design Report for the Idaho Spent Fuel Facility.
- Assist the National Spent Nuclear Fuel Program by providing information for an update of report ICP/INT-05-00810. This report will be expanded to include data for fuel that would be shipped to Idaho from Savannah River if the "exchange" is implemented. The update that CWI will provide includes the following:
 - a. Fuel storage facility;
 - b. Packaging description; and
 - c. Additional information or references that will assist future retrieval and packaging efforts.
- Support technology development needs data request from EM-30 for spent fuel and facilities. Assume fuel storage in existing facilities for an additional 50 years. (Travel required.)
- Prepare Rover Cost Estimate.

Activity (p) – Item 15. CPP-603 Roof Estimate

Develop a B.5 cost estimate and prepare a work scope definition for removal of the old HVAC system on top of CPP-603, installation of a new roofing system, and installation of a new access means to the roof. This is required to maintain safe operations within a nuclear facility.

Activity (p) – Item 16. STAR Facility Estimate

Develop a B.5 cost estimate to establish the anticipated cost and fee anticipated to disassemble and stage Battelle Energy Alliance's (BEA) test equipment from the STAR Center facility located in Ammon, Idaho. A structure, approximately 30 ft. x 30 ft., mounted on skids will be disassembled and parts will be staged in cargo containers and then transported to another location within a 10 mile radius of the STAR Center or left for BEA to properly dispose.

Activity (p) – Item 17. Haul Road EA Estimate

Develop a B.5 cost estimate for completing the National Environmental Policy Act (NEPA) actions associated with the MFC-INTEC roadway along the preferred T-25 route. (Refer to Activity (ii)(1)).

Activity (p) – Item 18. CWI Tours of National Strategic Planning Group

Support the National Strategic Planning Group tours at the Idaho National Laboratory July 27, 2010.

Activity (gg) – Item 1. Dial Room

The scope of work includes the relocation of the current Dial Room located in the basement of CPP-602, which is scheduled for demolition in FY2011. This Dial Room serves all of INTEC and is the pass-through point for the rest of the site (Advanced Test Reactor [ATR] Complex and Naval Reactors Facility [NRF]) for telecommunications support. Telecommunications support includes both fiber optic and copper wire support for various site communication activities including, but not limited to: Fire Alarm transmission, Security Alarm Support, Power Management monitoring, computer access support, etc.

The new Dial Room will be located to a new facility (CPP-1687) outside of CPP-602. The scope of work for this package includes completing the conceptual and final design, development, preparations and review of work packages, installation and construction of the new facility, and purchasing the necessary materials to support construction.

Activity (gg) – Item 2. Emergency Communication System (ECS) Relocation

The current ECS will be inoperable when CPP-601 and CPP-602 undergo deactivation and demolition (D&D). This system provides the regulatory required internal building audible and visual fire alarms for building occupants and the INTEC area notification system. A test was completed to determine if the system would remain operational after the D&D of CPP-601/602, and the results indicated the system will fail. Spare parts for the current system are limited due to the age of the system, and efforts to relocate these older units have not been successful.

The new system will provide regulatory required (National Fire Protection Association/Life Safety System [NFPA/LSS]) internal building fire alarm (audible/strobe) notification and the INTEC Area Paging System. This new wireless system will meet the regulatory requirements and provide for future flexibility in that removing additional buildings will not cause the entire system to fail. The scope for the ECS includes design, planning and engineering, installation, and operability testing of a new wireless ECS at INTEC.

Activity (hh) – Navy New Secure Room

Completion of characterization and final demolition of CPP-630 Navy Conference Room to CPP-666. Relocate the conference room on like-for-like bases, upgrading to fiber optics.

Activity (ii) – MFC-INTEC Roadway, Item (1) NEPA:

The scope of work consists of an Environmental Assessment (EA) written to comply with NEPA. The analysis documented in the EA will provide the decision maker with the necessary information to determine a Finding of No Significant Impact or that additional analysis will be required and documented in an Environmental Impact Statement. The EA will address constructing a road within the INL based on the following:

The proposed action will construct a multipurpose haul road within the Idaho National Laboratory (INL). The new road will provide a means to transport material or waste between the Materials and Fuels Complex to other INL site facilities without entering U.S. Highway 20.

The proposed alternatives considered for evaluation are:

- New route south of the T-25 (preferred route)
- T-24 Upgrade
- T-3 (will be addressed and eliminated)

- T-25 Upgrade for use by a large crawler/heavy hauler
- New road adjacent to the north side of Highway 20 (will be addressed and eliminated)
- No Action – continue use of Highway 20

The EA will evaluate clearing and grading a base, graveling and placing other road materials, and paving. The analysis will be based on a 24-foot wide disturbed area to support a road for year-round use. The internal road will be a controlled access road.

Activity (ii) – MFC-INTEC Roadway, Item (2): Budgeting Estimate for MFC-INTEC Roadway Design-Build Contractor

Develop a B.5 budgetary estimate for the design/build of the T-25 Multipurpose Haul Road. This budgetary estimate includes costs for a design/build contractor to complete the road and contracted technical support services for the remainder of FY10 to cover DOE-ID project needs in the areas of Project Management, Engineering and Quality.

Activity (jj) – INTEC Electrical Upgrade NFPA-70E

Provide needed preventative maintenance to improve INTEC Electrical Distribution System reliability and worker safety. This will involve replacement of aging distribution equipment, providing breaker coordination and arc flash labeling for INTEC Substations, providing preventative maintenance training for medium voltage (Substation) circuit breakers and development of preventative maintenance work orders for equipment without preventative maintenance procedures in place. This work will effect INTEC Power Operations (IPO) electrical distribution equipment.

1. Replace eleven Substation 10 (CPP-613) medium voltage breakers.
2. Coordination study (SKM analysis) of Substation distribution loads at INTEC including necessary equipment purchases to facilitate the analysis.
3. First time Substation medium voltage breaker training for IPO electricians and engineers.
4. Replacement of failing transformer (XFR-FT-167) and associated distribution equipment at CPP-666 (FAST).
5. Order replacements for outdated/aging breaker control units (ACPRO units) for Load Centers 2, 5, and replacement FAST distribution panel.
6. Perform a partial PM Recovery for IPO distribution equipment including planning and necessary associated equipment purchases based on remaining funding.

Activity (kk) – Ordnance Scrap Metal Removal for Snow Fence

The scope of work involves remediation of an area for the Idaho Transportation Department (ITD) snow fence, a turning lane, and a parking area along U.S. Highway 20 within the Twin Buttes Bombing Range.

The ITD has made a formal request of the Department of Energy Idaho Operations Office (DOE-ID) to grant them a right-of-way (ROW) to install a snow fence south of Highway 20 near the turnoff to the Materials and Fuels Complex (MFC). DOE-ID agrees with the need for the fence and is currently working on the documentation to approve the ROW for the state. The fence will occupy an area of approximately 60 acres of land, 44 acres of which are on the Idaho National Laboratory (INL) and 16 acres of which are on adjacent Bureau of Land Management (BLM) land.

Additionally, the ITD has proposed the construction of a turning lane for MFC access and a parking area for bus personnel transfers on the north side of Highway 20 at the MFC turnoff. The turning lane and parking lot are not currently mapped, but are expected to be less than five (5) acres.

The areas that have been identified for the snow fence, turning lane, and parking area lie within the old Twin Buttes Bombing Range. The area is currently identified under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) as a clean-up site and requires remediation for the removal of UXO.

Remediation shall be consistent with the OU 6-05 and 10-04 Record of Decision, DOE/IO-10980, and the INL Site-Wide Institutional Controls, and Operations and Maintenance Plan for CERCLA Response Actions, DOE-ID 0-1 1042. The scope of work includes:

- Identification and removal of surficial UXO scrap metal within the footprint of the fence structure and a limited point geophysical survey of the approximately 608 post holes required for fence erection.
- Identification and removal of surficial UXO scrap metal within the footprint of the Highway 20 turning lane and parking area and, if deemed necessary, geophysical surveys of any previously undisturbed areas contained within the footprint.
- Investigate potential subsurface anomalies identified during the geophysical surveys.
- Appropriate explosive ordnance disposal (EOD) oversight of action.
- Disposition of the recovered non-ordnance items and all inert UXO scrap metal at an approved landfill on the INL.
- Obtaining the appropriate approvals from the Idaho Department of Environmental Quality (IDEQ) and the Environmental Protection Agency (EPA) for the action in this area.
- The area surrounding the fence should be cleared sufficiently to allow large equipment access for construction.

Activity (II) – Adapted Technologies Project

Work scope includes the following:

- Develop technical and functional requirements for the design and development of a long reach arm for taping pipes and tanks remotely.
- Work with a subcontractor to design and test the long reach arm.
- Perform field tests on the long reach arm.
- Prepare reports on the devices effectiveness and costs.
- Identify, review and evaluate various applicable electrical and fire codes and standards and prepare recommendations for application of these codes to D&D operations.
- Develop technical and functional requirements for the lighting systems.
- Initiate DOE complex-wide review of recommendations for application of electrical and fire codes and standards and A&E standards to D&D operations.
- Complete small scale demonstrations of low-temperature lighting systems.
- Finalize recommendations for application of electrical and fire codes and standards and A&E standards to D&D operations and send to DOE for review.
- Submit reports and technical fact sheets summarizing the results of the investigation and recommends for lighting systems.

Activity (nn) – RH Legacy Waste Estimate

The waste associated with this scope is identified in Tables 1 thru 3 (Refer to M. M. Mitchell email to D. P. Timbes, dated 3/1/2010 for Tables 1-3), and includes Sodium Cold Traps, Remote-Handled (RH) Alpha Low-Level Waste, and RH Alpha Mixed Low-Level Waste. CWI shall estimate the incremental costs associated with accepting, transporting, characterizing, treating, processing, packaging, obtaining certification for disposal, loading the waste into approved transport containers, and supporting disposition to the Waste Isolation Pilot Plant (WIPP) or other appropriate disposal facility (e.g., Nevada Test Site), as applicable.

This waste is currently stored at the Materials and Fuels Complex (MFC) Radioactive Scrap and Waste Facility (RSWF) or Sodium Storage Building. CWI shall coordinate removal and transportation of this waste with the Idaho National Laboratory (INL) operating contractor. The INL operating contractor will retrieve the waste and place it into CWI-supplied shipping containers (e.g., Interim Storage Containers) and/or secure to transport trailer in accordance with approved transportation plan. The scope of this work will involve necessary preparations to receive the waste (defined as point accepted for transport from MFC) and disposition the waste.

The WIPP Acceptable Knowledge (AK) collection and waste certification effort shall be coordinated with the ongoing AK collection and certification work to minimize costs. CWI shall coordinate such activities with the Central Characterization Project. CWI shall plan to use INL developed Liner by Liner Container Characterization data currently under development and/or characterization information contained in the Integrated Waste Tracking System (IWTS) for material currently stored outside the RSWF. It is anticipated that most of this waste is RH; however, CWI shall also dispose of other waste streams encountered or developed through processing. Contact handled TRU waste shall be disposed of through the use of the AMWTP contractor.

The cost estimate shall only include incremental costs associated with preparing the waste identified in the attached tables for disposition. Costs for management and disposition of each of the waste types shall be presented (i.e., separate costs for each table of wastes).
