

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 183	3. EFFECTIVE DATE 07/12/2011	4. REQUISITION/PURCHASE REQ. NO.	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) 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) 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 9 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)

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) Clause I.81 52.243-2 Changes - Cost Reimbursement (AUG 1987) & Alt I (APR 1984)

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.)

Tax ID Number: 05-0607601

DUNS Number: 166527569

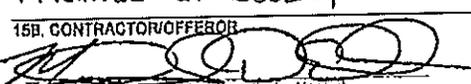
This modification provides a target cost and target fee adjustment for directed changes to Sections C.3.1.1 Facility Demolition, C.3.4 WAG 7 Waste Exhumation, and DOE Order 433.1B Maintenance Management Program for DOE Nuclear Facilities. This modification also incorporates administrative changes and a revision to Section B.5 Items Not Included in Target Cost.

Delivery Location Code: 00701

Idaho Operations
U.S. Department of Energy
Idaho Operations

Continued ...

Except as provided herein, all forms 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) MICHAEL D. EBBEN, SR Vice President & CFO	15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Maria M. Mitchell
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 17 July 2011
15D. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	15C. DATE SIGNED 07/12/2011

This modification provides a target cost and target fee adjustment for directed changes to Sections C.3.1.1 Facility Demolition, C.3.4 WAG 7 Waste Exhumation, and DOE Order 433.1B Maintenance Management Program for DOE Nuclear Facilities. This modification also incorporates administrative changes and a revision to Section B.5 Items Not Included in Target Cost.

1. **Section B.3 Total Contract Target Cost, Fee, and Completion Date**, paragraph (a) is modified as follows:

(a) The target cost of this contract is comprised of the following two (2) items:

- a. SBW project at \$316,000,000, and
- b. Balance of the Idaho Clean-up Project (ICP) work is increased \$1,864,548 from \$2,260,696,503 to \$2,262,561,051.

The target fee for this contract is increased \$137,794 from \$189,575,885 to \$189,713,679 (7.36% of target cost).

The total contract target cost and target fee are based on the contract completion date of September 30, 2012. (The total proposed contract Target Cost and Target Fee shall not exceed the funding limits specified in Section B.2 – Cleanup Funding, on either an annual or total basis.)

2. **Section B.5 Items Not Included in Target Cost**, is modified as follows:

Activity (p.19) – Federal Hybrid Fleet Initiative mandated by DOE.

Activity (oo) - Laboratory equipment exists at CFA-690 requiring disassembly, packaging, transportation, and reassembly at new in town RESL location (IF-601 and IF-683).

The equipment is sensitive in terms of operation, and requires special care during the transfer process. Some of the equipment is currently operating and will need to be shutdown, placed in a safe configuration for transport, and documented appropriately and reassembled. The work planning and engineering, materials for packaging, labor for the move and re-assembly, and transportation need to be provided to support the laboratory start-up schedule. Minor waste will need to be packaged, dispositioned and disposed of.

The laboratory relocation will be performed under a CWI Standard 101 Work Order and will address associated hazards and mitigations.

DOE-ID requests that CWI perform engineering, planning, and support to assist in relocating the CFA-690 laboratories to the Idaho Falls facility for the laboratories (IF-601/683).

The engineering and planning support will work in conjunction with the BEA engineering staff. The work definition will include all necessary input including planning, field investigations, work order development, mobilization, work performance, waste disposition, demobilization, and final closeout.

The craft support will disassemble, package, transport, and re-assemble the various laboratories and equipment in the prescribed sequence provided by the BEA Project Manager.

CWI will be required to interface with BEA project management, facility management engineering, and ES&H to plan and perform the work.

Refer to Attachment 1 for the updated B.5 table. All other B.5 activities remain unchanged.

3. **Section C.3.4 WAG 7 Waste Exhumation** is modified to incorporate the following scope:

Section C.3.4.1 Design of Accelerated Retrieval Project (ARP) VIII Facility to excavate – Pits 1 and 2 at the RWMC SDA

This scope includes the design of a retrieval enclosure, airlock and passageway at Pits 1 and 2 at the RWMC SDA as follows:

- A. Site preparation, grading and paving and firewater line modifications
- B. Conceptual design of the ARP VIII exhumation facility
- C. Procurement specification for fabric covered retrieval enclosure, airlock and passageway that will connect APR VIII to ARP VII. The ARP VII/VIII passageway will provide the ability to move contaminated exhumation equipment, waste trays and materials for packaging between ARP VIII and ARP VII.
- D. Bid and award of a two-part subcontract for design and fabrication of an exhumation facility for ARP VIII:
 - The first component of the contract provides the vendor's engineering design of the structure itself. Due to the complexity of the facility design, CWI will require support and design input from the chosen vendor to complete the facility foundation design in an economic manner.
- E. Design for on-site construction of structural pilings, concrete foundation, grade beams, concrete slabs and building installation including airlock architectural features.
- F. Procurement specification for the airlock Drum Packaging System (4 Units)
- G. Procurement specification for the airlock service bay bridge crane
- H. Mechanical and Electrical installation package that includes the building mechanical and electrical systems
- I. Design of an IT system for ARP VIII. Workscope is included to prepare Phase I of a design and IT system for ARP VIII.
- J. Construction of pilings, foundation and slabs. Removal of existing structure.

4. **Section C.2.1.2 High-Risk Facility Disposition** is modified to remove the demolition of CPP-603 as follows:

The contractor shall disposition the following four high-risk facilities listed in Exhibit C.5b:

- CPP-601, Fuel Process Building
- CPP-640, Head End Process Plant
- CPP-648, Sludge Tank Control House

The contractor shall achieve specific end states as described in Section C.1.6.4 for each of the above high-risk facilities. Exhibit C.5b provides descriptions of hazards, contamination levels, reference documents, and other facility design characteristics that may challenge conventional deactivation or demolition practices.

The CPP-601 complex (including CPP-640) is a heavily contaminated nuclear fuel reprocessing plant with extensive contaminated piping runs, dead legs with expected fissile material holdup, and high radiation hot cells with several deep waste tanks and bulk chemical process tanks still in use. By contract takeover, CPP-640 will have been deactivated with process and sub-process systems flushed, isolated and blanked and hazardous materials (glycol, oils, asbestos, high radiation) removed. This deactivation will have been performed for the handling materials area, cell area, sample area and operating area from the ground floor level and above.

As a minimum, disposition of CPP-648 Sludge Tank Control House shall include removal of all water and immobilization/removal of all sludge and debris. Safety documents will require revision for sludge and debris removal.

5. **Section C.2.4.3 Sodium Bearing Waste*** is modified to revise the CD-4 date as follows:

There are approximately 1,000,000 gallons of SBW in underground stainless steel tanks as described in Exhibit C.6 and summarized in Table C.1 below. A complete description of the SBW characteristics can be found in “*Feed Composition for the Sodium Bearing Waste Treatment Process*”, INEEL/EXT-2000-01378, Revision 3 (September, 2003). Engineering Design files and reports for SBW treatment are available at www.id.doe.gov/doeid/rfpsharedlibrary/refdoc.htm.

The contractor shall conduct all necessary activities and provide all associated deliverables to enable DOE to issue a ROD for the *Idaho High-Level Waste & Facilities Disposition Final Environmental Impact Statement, September 2002* (HLW EIS) on SBW Treatment that would allow implementation of the preferred alternative of treating the SBW.

The contractor shall design and construct its SBW treatment and packaging facility to enable the conversion to treat the waste for alternate waste disposal at an alternate geologic repository for SNF/HLW, if needed. Additional pilot plant testing shall be performed to evaluate waste form performance relative to the high-level waste acceptance criteria of the geologic repository for SNF/HLW. The SBW facility will also be constructed so it could be converted for calcine treatment if needed. This includes improvements in process cell structural and seismic protection to meeting safety significant, performance category 3 (PC-3) design criteria, as required. The Total Project Cost for the project is \$570.9M.

The contractor shall obtain approval to commence operations (CD-4) no later than November 30, 2011. The treatment and packaging of liquid SBW will be completed by September 30, 2012 to enable the DOE to meet its regulatory commitments to remove all liquid waste from the underground tanks and treat the SBW by December 31, 2012. To address the current

uncertainties in obtaining regulatory approvals for final disposal of the treated waste, the facility shall be designed and constructed to allow interim storage of all treated material by September 30, 2012, with the necessary equipment and commodities (i.e., product vessels and storage modules) to allow continued interim storage during the follow-on contract transition period. The contractor shall design and construct its SBW packaging facility with the capability for future packaging and shipping of the existing HLW calcine to the geologic repository for SNF/HLW per Section C.2.8.2. *Additionally, in light of the legal uncertainty about classification of this waste, the contractor shall provide an alternative technical approach to prepare this waste for disposal as HLW in the geologic repository for spent fuel/HLW, which DOE may implement instead if it concludes that it is prevented from classifying this waste as other than HLW.*

During SBW treatment operations, the contractor shall avoid or minimize generation of secondary wastes and/or ensure that any secondary waste has a disposition path and is disposed of, considering overall risk reduction. Residual solids are those that remain in the tanks after tank cleaning, and meet the RCRA closure plans and performance assessments for final tank farm closure. The contractor shall stabilize the residual solids as part of the final tank farm closure process described in Section C.2.8.1.

No new liquid waste will be added to tanks WM 187 through 190, except flushing liquid and grout during the cleaning and closure process.

- *In light of the legal uncertainty, all work under paragraph C.2.4.3 and the stabilization and disposal of residual solids and the in-place closure of the tank farm per Section C.2.8.1 shall require specific authorization by DOE.*

6. Section C.3.1.1 Facility Demolition is modified as follows:

The contractor shall demolish and remove any buildings and structures including trailers, sheds and canopies, and additional facilities not required to support ongoing missions at RWMC. The contractor shall also demolish AMWTP WMF-711. The asphalt pad for WMF-711 shall remain unaltered.

7. Section G – Contract Administration Data

Clause G.3, Contract Administration, is modified as follows:

The contract will be administered by:

Maria M. Mitchell, Contracting Officer
U. S. Department of Energy
Idaho Operations Office
1955 Fremont Avenue, MS 1240
Idaho Falls, ID 83415

Telephone: (208) 526-8600
Fax: (208) 526-5548

Email: mitchemm@id.doe.gov

Future revisions of the contract administration information, above, may be accomplished by written notification from the CO to the contractor, without a formal contract modification.

Clause G.7, Billing Instructions, is modified as follows:

- (2) One copy of the invoice with supporting detail shall be submitted electronically to Maria M. Mitchell, Contracting Officer, at: mitchemm@id.doe.gov.

8. **Section H.3(d)(5) DOE Contract Administration, Oversight and Safety Oversight – Baseline Change Management** is modified as follows:

Scheduled Assessments: DOE will publish a three-year schedule of assessments that will be provided on the DOE Idaho Operations Office web site. A 90-day schedule will also be made available on the same web site prior to the start of each quarter. Assessment reports will be transmitted (electronically or via letter) to the contractor to be entered into the contractor's issues management system, as appropriate. DOE will verify and validate the contractor's effectiveness in correcting the root cause problem of the concerns and findings.

9. **Section H.4 Government Furnished Services/Items (GFSI), Table H-2 Detailed Description of Government Furnished Services and Items, Section II. DOE Oversight of Contractor Work, GFSI Item (b)**, is revised to read:

- b) Throughout the period of performance of this contract, DOE will provide oversight of contractor work in accordance with the DOE-ID Oversight process described in Section H.3. Similarly, oversight results will be provided as described in Section H.3.

10. **Section J, Attachment B, List of Applicable DOE Directives (List B)**, is modified as follows.

Directives Added

DOE Order 425.1D, Verification of Readiness to Startup or Restart Nuclear Facilities
DOE Order 433.1B, Maintenance Management Program for DOE Nuclear Facilities

Directives Deleted

DOE Order 425.1C, Startup and Restart of Nuclear Facilities
DOE Order 433.1A, Maintenance Management Program for DOE Nuclear Facilities

Attachment B is attached to this modification.

CONTRACTOR'S STATEMENT OF RELEASE: In consideration of the modification agreed to herein as a complete equitable adjustment for the directed change related to Sections

C.3.1.1 Facility Demolition, C.3.4 WAG 7 Waste Exhumation and DOE Order 433.1B Maintenance Management Program for DOE Nuclear Facilities and in accordance with contract Section I.81 52.243-2 Changes—Cost Reimbursement Alt I, 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 is \$2,002,342 (\$1,864,548 Target Cost increase and \$137,794 Target Fee increase).

LIST OF APPLICABLE DOE DIRECTIVES (LIST B)

The DOE directives listed in the table below contain requirements relevant to the scope of work under this contract. In most cases, the requirements applicable to the contractor are contained in a Contractor Requirements Document (CRD) attached to the DOE directive. The contractor is encouraged to continuously evaluate the work scope and contract requirements for opportunities to improve efficiency or creativity and propose alternative methods to those specified in the DOE directives.

Directive No.	Directive Title
DOE O 110.3A	Conference Management
DOE O 130.1	Budget Formulation Process
DOE M 140.1-1B	Interface with the Defense Nuclear Facilities Safety Board
DOE O 142.1	Classified Visits Involving Foreign Nationals
DOE O 142.3 Chg 1	Unclassified Foreign Visits and Assignments Program
DOE O 144.1 Admin Chg 1	Department of Energy American Indian Tribal Government Interactions and Policy
DOE O 150.1	Continuity Programs
DOE O 151.1C	<p>Comprehensive Emergency Management System</p> <p><i>Clarification for DOE O 151.1C</i> <i>Building evacuation exercises at the Idaho National Laboratory (INL) are defined as evacuation drills. The term exercise implies having specific objectives and full documentation (e.g., a scenario package that includes objectives, scope, timelines, injects, controller instructions, and evaluation criteria). Drills have specific objectives and documentation but are not formally evaluated using the demonstration criteria and points of review. Drills provide supervised, “hands-on” training and are documented informally.</i></p> <p><i>Since the INL site is comprised of multiple facilities, the facility-specific requirement for annual exercises will be implemented on a site-wide basis. One site-wide exercise will be conducted annually with a specific facility identified and rotated such that each facility will be the initiating facility once every six years. Operational circumstances will be used to determine the initiating facility.</i></p> <p><i>The facility-specific requirement that all facilities must prepare an Emergency Public Information Plan and that the same plan can cover multiple facilities will be interpreted as including a site-wide plan and implemented on that basis.</i></p>
DOE O 153.1	Departmental Radiological Emergency Response Assets

Directive No.	Directive Title
DOE O 200.1A	Information Technology Management
DOE O 205.1A	Department of Energy Cyber Security Management Program
DOE M 205.1-4	National Security System Manual
DOE M 205.1-5 Admin Chg 2	Cyber Security Process Requirements Manual
DOE M 205.1-6 Admin Chg 2	Media Sanitization Manual
DOE M 205.1-7 Admin Chg 2	Security Controls for Unclassified Information Systems Manual
DOE M 205.1-8 Admin Chg 2	Cyber Security Incident Management Manual
DOE O 206.1	Department of Energy Privacy Program
DOE N 206.4	Personal Identity Verification
DOE O 210.2	DOE Corporate Operating Experience Program
DOE O 221.1A	Reporting Fraud, Waste, and Abuse to the Office of Inspector General
DOE O 221.2A	Cooperation with the Office of Inspector General
DOE O 225.1A	Accident Investigations
DOE O 226.1A	Implementation of Department of Energy Oversight Policy
DOE M 231.1-1A Chg 2	Environment, Safety, and Health Reporting Manual
DOE M 231.1-2	<p>Occurrence Reporting and Processing of Operations Information</p> <p><i>DOE Delegation Order No. 10 CFR 72.512.1, dated October 31, 1996, and signed by the Secretary of Energy, delegated authority to the Manager, DOE Idaho Operations Office, to act on behalf of the Secretary of Energy for licenses issued by the Nuclear Regulatory Commission (NRC) for the Three Mile Island Interim Storage System (NRC Docket #72-20) and Fort St. Vrain Independent Spent Fuel Storage Installation (NRC Docket #72-9) under 10 CFR Part 72. DOE Delegation Order No. 10 CFR 72.512.1 states, “The Nuclear Regulatory Commission is recognized as the legal regulatory authority with respect to the possession and management of materials under the subject licenses. Therefore in instances where Department of Energy orders, requirements, and/or guidelines overlap or duplicate requirements of the Nuclear Regulatory Commission related to radiation protection, nuclear safety (including quality assurance), and safeguards and security of nuclear material(s), the Nuclear Regulatory Commission requirements will apply to the design, construction, operations, and decommissioning of these Nuclear Regulatory Commission licensed facilities and activities. Department of Energy</i></p>

Directive No.	Directive Title
	<p><i>orders, regulations, and/or guidelines will apply where the Nuclear Regulatory Commission defers to the Department of Energy or does not exercise regulatory authority.”</i></p> <p><i>NRC reporting criteria and requirements codified in 10 CFR 20 and 10 CFR 72, will be used in place of similar DOE M 231.1-2 criteria as applicable. The reporting criteria primarily affected are contained in DOE M 231.1-2, Section 6.3, Group 1, Group 3, Group 5 and Group 6. DOE M 231.1-2 reporting criteria will be used when similar NRC reporting criteria does not exist.</i></p>
DOE O 231.1A Chg 1	Environment, Safety, and Health Reporting
DOE N 234.1	Reporting of Radioactive Sealed Sources
DOE O 241.1A Chg 1	Scientific and Technical Information Management
DOE O 243.1	Records Management Program
DOE O 243.2	Vital Records
DOE O 350.1 Chg 3	Contractor Human Resource Management Programs
DOE O 413.1A	Management Control Program
DOE O 413.3B	Program and Project Management for the Acquisition of Capital Assets
DOE O 414.1C	Quality Assurance
DOE O 420.1B Chg 1	<p>Facility Safety</p> <p><i>Clarification for DOE O 420.1B</i> <i>DOE Order 420.1B, Facility Safety, requires compliance with ANSI standards that have been replaced by updated versions. CWI is released from compliance with the outdated versions of the required ANSI standards. It is agreed that compliance will be the most current version of the required ANSI standards cited.</i></p>
DOE O 425.1D	Startup and Restart of Nuclear Facilities
DOE O 430.1B Chg 1	Real Property Asset Management
DOE O 430.2B	Departmental Energy, Renewable Energy and Transportation Management
DOE O 433.1B	Maintenance Management Program for DOE Nuclear Facilities
DOE O 435.1 Chg 1	Radioactive Waste Management

Directive No.	Directive Title
DOE M 435.1-1 Chg 1	<p>Radioactive Waste Management Manual</p> <p><i>Exemption has been granted for requirements specific to the Calcined Solids Storage Facilities (CSSFs) located at the Idaho Nuclear Technology and Engineering Center (INTEC) including the requirements specific to Contingency Storage and Transfer Equipment.</i></p> <p><i>Exemption has been granted for CWI to use a non-DOE facility to treat and dispose of low-level waste (LLW) and mixed low-level waste (MLLW) in support of cleanup commitments specified in the Idaho Cleanup Project Contract DE-AC07-05ID14516, Section C.1.8.3.</i></p>
DOE M 440.1-1A	DOE Explosives Safety Manual
DOE O 440.2B Chg 1	Aviation Management and Safety
DOE M 441.1-1	Nuclear Material Packaging Manual
DOE O 442.1A	Department of Energy Employee Concerns Program
DOE M 442.1-1	Differing Professional Opinions Manual for Technical Issues Involving Environment, Safety and Health
DOE O 450.1A	Environmental Protection Program
DOE M 450.4-1	Integrated Safety Management System Manual
DOE O 460.1B	Packaging and Transportation Safety
DOE M 460.2-1A	Radioactive Material Transportation Practices Manual
DOE O 460.2A	Departmental Materials Transportation and Packaging Management
DOE O 470.2B	Independent Oversight and Performance Assurance Program
DOE O 470.3B	Graded Security Protection (GSP) Policy
DOE M 470.4-1 Chg 1	<p>Safeguards and Security Program Planning and Management</p> <p><i>Nuclear Regulatory Commission reporting/investigation criteria and requirements codified in 10 CFR 73 will be used in place of similar DOE M 470.4-1 Chg 1 criteria, as applicable. DOE M 470.4-1 Chg 1 reporting/investigation criteria will be used when similar NRC reporting does not exist.</i></p>
DOE M 470.4-2A	Physical Protection
DOE M 470.4-3 Chg 1	Protective Force
DOE M 470.4-4A	Information Security Manual
DOE M 470.4-5	Personnel Security
DOE M 470.4-6 Chg. 1	Nuclear Material Control and Accountability

Directive No.	Directive Title
DOE O 471.1B	Identification and Protection of Unclassified Controlled Nuclear Information
DOE O 471.3	Identifying and Protecting Official Use Only Information
DOE M 471.3-1	Manual for Identifying and Protecting Official Use Only Information
DOE O 475.1	Counterintelligence Program
DOE M 475.1-1B	Manual for Identifying Classified Information
DOE O 475.2	Identifying Classified Information
DOE O 522.1	Pricing of Departmental Materials and Services
DOE O 534.1B	Accounting
DOE O 551.1C	Official Foreign Travel
DOE O 1450.4	Consensual Listening-In to or Recording Telephone/Radio Conversations
DOE O 5400.5 Chg 2	Radiation Protection of the Public and the Environment
DOE O 5480.19 Chg 2	Conduct of Operations Requirements for DOE Facilities
DOE O 5480.20A Chg 1	Personnel Selection, Qualification, and Training Requirements for DOE Nuclear Facilities
DOE O 5610.2 Chg 1	Control of Weapon Data
DOE O 5660.1B	Management of Nuclear Materials
DOE O 5670.1A	Management and Control of Foreign Intelligence

Activity		FY09	FY10	FY11	FY12	Total
(a) Transition Activities T.L.01	Actual Costs					\$3,383,192
(b) Three Mile Island (TMI) II Independent Spent Fuel Storage Installation (ISFSI) operations and maintenance T.M.02	Estimated Cost	\$4,685,050	\$4,127,166	\$3,763,105		\$27,678,324
	Fixed Fee	\$344,820	\$235,150	\$212,893		\$1,822,049
	Total CPFF	\$5,029,870	\$4,362,316	\$3,975,998		\$29,500,373
(c) Fort St. Vrain ISFSI operations and maintenance T.M.02	Estimated Cost	Estimates for (b) and (c) are combined for FY09		Estimates for (b) and (c) are combined for FY10		
	Fixed Fee					
	Total CPFF					
(c.1) Fort St. Vrain Perimeter Camera Upgrades MR requested by NE. Fee not calculated with MR. NE funded.	Estimated Cost			\$110,692		\$110,692
	Fixed Fee			\$4,168		\$4,168
	Total CPFF			\$114,860		\$114,860
(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/Naval funded FY08-current) T.M.01	Estimated Cost	\$12,413,656	\$13,805,734	22,608,617		\$81,613,182
	Fixed Fee	\$879,091	\$768,529	1,124,667		\$5,173,096
	Total CPFF	\$13,292,747	\$14,574,263	23,733,284		\$86,786,278
(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	\$1,507,425	\$851,275			\$10,266,485
	Fixed Fee	\$106,114	\$46,820			\$727,792
	Total CPFF	\$1,613,539	\$898,095			\$10,994,277
(f) Receipts and unloading of Domestic Research Reactor (DRR) SNF casks. (WSU, OSU)		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					
	Fixed Fee					
	Total CPFF					
2. Wisconsin State University DRR T.M.04	Estimated Cost	\$926,400				\$926,400
	Fixed Fee	\$73,600				\$73,600
	Total CPFF	\$1,000,000				\$1,000,000
CLOSED						
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
4. FRR/DRR Maintain Capability (FY11-12)	Estimated Cost			\$387,000		\$387,000
	Fixed Fee			\$19,155		\$19,155
	Total CPFF			\$406,155		\$406,155
5. Receipt of Reed College (FY11)	Estimated Cost			\$453,318		\$453,318
	Fixed Fee			\$24,792		\$24,792
	Total CPFF			\$478,110		\$478,110
6. Receipt of Mexico (FY11)	Estimated Cost			TBD		\$0
	Fixed Fee			TBD		\$0
	Total CPFF			TBD		\$0
(g) Analytical Laboratory Services.						
T.N.01 (Bad drum debt)	Estimated Cost	\$250,000	\$734,000			\$1,644,000
	Fixed Fee	\$0	\$0			\$0
1. DOE Carlsbad Support of TRU Waste Program	Total CPFF	\$250,000	\$734,000			\$1,644,000

Activity		FY09	FY10	FY11	FY12	Total	
2. Lab Services	Estimated Cost	\$200,000	\$1,499,627	TBD		\$1,699,627	
	Fixed Fee	0	\$110,373	TBD		\$110,373	
	Total CPFF	\$200,000	\$1,610,000	TBD		\$1,810,000	
(l) Geographic Information System (GIS) work for the State of Idaho. T.M.10	Estimated Cost					\$10,000	
	Fixed Fee					\$0	
	Total CPFF					\$10,000	
(m) Support to SNFDSP Contract.							
	1. Support to SNFDSP Contract T.M.02, 03	Estimated Cost	N/A	N/A	N/A	\$147,189	
	Fixed Fee	N/A	N/A	N/A		\$10,833	
	Total CPFF	N/A	N/A	N/A		\$158,022	
2. FWENC Records Management T.M.02, 03	Estimated Cost					\$58,714	
	Fixed Fee					\$4,321	
	Total CPFF					\$63,035	
(n) Other Contractor Support to DOE:							
	1. Developer Support T.L.01 (NE Funded)	Estimated Cost	\$795,118	\$613,470	\$634,603	\$780,480	\$4,949,037
	Fixed Fee	\$13,003	\$12,269	\$12,692	\$15,610	\$86,344	
	Total CPFF	\$808,121	\$625,739	\$647,295	\$796,090	\$5,035,381	
2. Records Management Support T.L.01	Estimated Cost	\$211,338	\$212,976	\$220,007	\$268,528	\$1,449,804	
	Fixed Fee	\$2,954	\$4,260	4400	5371	\$25,672	
	Total CPFF	\$214,292	\$217,236	\$224,407	\$273,899	\$1,475,476	
3. ID Copier Support T.L.01	Estimated Cost	\$24,329	\$21,620	\$22,259	\$26,725	\$251,959	
	Fixed Fee	\$366	\$432	445	535	\$4,918	
	Total CPFF	\$24,695	\$22,052	\$22,704	\$27,260	\$256,877	
4. ID Mail Services T.L.01	Estimated Cost	\$28,326	\$38,199	\$39,183	\$46,463	\$258,683	
	Fixed Fee	\$567	\$764	\$784	\$929	\$4,413	
	Total CPFF	\$28,893	\$38,963	\$39,967	\$47,392	\$263,096	
5. Dosimetry T.L.01	Estimated Cost	\$27,480	\$43,599	\$44,892	\$53,900	\$234,333	
	Fixed Fee	\$550	\$872	\$898	\$1,078	\$4,198	
	Total CPFF	\$28,030	\$44,471	\$45,790	\$54,978	\$238,531	
6. Printing T.L.01	Estimated Cost	\$50,675	\$41,277	\$42,497	\$51,023	\$248,729	
	Fixed Fee	\$699	\$826	\$850	\$1,020	\$4,040	
	Total CPFF	\$51,374	\$42,103	\$43,347	\$52,043	\$252,769	
7. Wireless Support T.L.01	Estimated Cost	\$153,413	\$23,301	\$23,482	\$26,714	\$226,910	
	Fixed Fee	\$3,068	\$466	\$470	\$534	\$4,538	
	Total CPFF	\$156,481	\$23,767	\$23,952	\$27,248	\$231,448	
8. DOE Office Moves (INTEC) T.L.01	Estimated Cost	\$7,500	\$0			\$7,500	
	Fixed Fee	\$0	\$0			\$0	
	Total CPFF	\$7,500	\$0			\$7,500	
9. Portable Toilet - RESL (CFA Bldg 638) T.L.01	Estimated Cost	\$1,700	\$1,800	\$1,800	\$1,800	\$8,100	
	Fixed Fee	\$0	\$0	\$0	\$0	\$0	
	Total CPFF	\$1,700	\$1,800	\$1,800	\$1,800	\$8,100	

Activity		FY09	FY10	FY11	FY12	Total
10. DOE Training T.L.01	Estimated Cost	\$14,706	\$4,902			\$19,608
	Fixed Fee	\$294	\$98			\$392
	Total CPFF	\$15,000	\$5,000			\$20,000
(o) LT SNF Support T.M.01, 03 (FY2010 SNF Assay Disposition T.M.03)	Estimated Cost	\$747,343	\$124,127	N/A		\$4,201,109
	Fixed Fee	\$50,907	\$7,661	N/A		\$302,804
	Total CPFF	\$798,250	\$131,788	N/A		\$4,503,913
(p) Other DOE Authorized Small Changes.						
	1. HLW Calcine T.L.01	Estimated Cost				\$110,000
	Fixed Fee					\$4,400
	Total CPFF					\$114,400
2. RH-TRU Study T.L.01 (NE Funded)	Estimated Cost					\$255,000
	Fixed Fee					\$0
	Total CPFF					\$255,000
3. SDA Extended Operations T.L.01	Estimated Cost					\$20,000
	Fixed Fee					\$800
	Total CPFF					\$20,800
4. Macromedia Flash Presentation T.L.01	Estimated Cost					\$19,176
	Fixed Fee					\$316
	Total CPFF					\$19,492
5. Pit 9 Road T.L.01	Estimated Cost					\$61,520
	Fixed Fee					\$4,528
	Total CPFF					\$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
	Fixed Fee					\$0
	Total CPFF					\$15,000
10. ICP Highlight Video T.L.01	Estimated Cost					\$6,347
	Fixed Fee					\$0
	Total CPFF					\$6,347
11. RESL Dosimetry T.L.01	Estimated Cost					\$12,231
	Fixed Fee					\$0
	Total CPFF					\$12,231

Activity		FY09	FY10	FY11	FY12	Total
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	Estimated Cost		\$17,000			\$17,000
	Fixed Fee		\$0			\$0
	Total CPFF		\$17,000			\$17,000
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		\$7,094			\$7,094
	Fixed Fee		\$0			\$0
	Total CPFF		\$7,094			\$7,094
19. Federal Hybrid Fleet Initiative	Cost			\$155,266		\$155,266
	Fixed Fee			\$0		\$0
	Total CPFF			\$155,266		\$155,266
(q) CPP-603 Mechanical Upgrade T.M.08	Estimated Cost	\$1,926,744				\$2,904,518
	Fixed Fee	\$126,352				\$198,316
	Total CPFF	\$2,053,096				\$3,102,834
(r) INL Remote Handled Waste Disposition Project (RWDP) T.A.01	Estimated Cost	\$3,351,340				\$8,396,983
	Fixed Fee	\$246,658				\$618,017
	Total CPFF	\$3,597,998				\$9,015,000
CLOSED						
(s) Materials and Fuels Complex HEPA Filter Disposition T.A.02 (NE Funded)	Estimated Cost			N/A		\$811,274
	Fixed Fee			N/A		\$59,710
	Total CPFF			N/A		\$870,984
(t) SDA Extended Operations T.L.01 (NE funded)	Estimated Cost	N/A	N/A			\$20,000
	Fixed Fee	N/A	N/A			\$0
	Total CPFF	N/A	N/A			\$20,000
(u) Direct Canister Study T.M.03	Estimated Cost			N/A		\$250,000
	Fixed Fee			N/A		\$18,400
	Total CPFF			N/A		\$268,400
(v) CPP-651 Maintenance T.M.11	Estimated Cost	\$83,900				\$461,119

Activity		FY09	FY10	FY11	FY12	Total
	Fixed Fee	\$6,175				\$33,710
CLOSED	Total CPFF	\$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
	Fixed Fee	N/A	N/A			\$0
	Total CPFF	N/A	N/A			\$18,000
(x) Pu Source T.M.03	Estimated Cost	\$37,257				\$37,257
	Fixed Fee	\$2,743				\$2,743
	Total CPFF	\$40,000				\$40,000
(y) Seed Module						
1. Transfer of FSV-1 Cask T.M.12	Estimated Cost	\$38,480				\$38,480
	Fixed Fee	\$2,832				\$2,832
	Total CPFF	\$41,312				\$41,312
2. Seed Module T.M.12	Estimated Cost	\$45,192				\$45,192
	Fixed Fee	\$3,326				\$3,326
	Total CPFF	\$48,518				\$48,518
(z) CPP-651 Transition to BEA T.M.11 (NN Funded)	Estimated Cost	\$801,313				\$801,313
	Fixed Fee	\$58,977				\$58,977
CLOSED	Total CPFF	\$860,290				\$860,290
(bb) HFEF Cans (NE funded) T.A.02	Estimated Cost	N/A	N/A			\$15,000
	Fixed Fee	N/A	N/A			\$0
	Total CPFF	N/A	N/A			\$15,000
(cc) RWMC Electrical Upgrade T.B.01	Estimated Cost	\$1,053,151				\$1,053,151
	Fixed Fee	\$68,159				\$68,159
CLOSED	Total CPFF	\$1,121,310				\$1,121,310
(dd) Borrow Pit Study T.L.01	Estimated Cost					\$139,717
	Fixed Fee					\$10,283
CLOSED	Total CPFF					\$150,000
(ee) RWDP Early Actions T.A.03 (NE Funded)	Estimated Cost		N/A			\$566,000
	Fixed Fee		N/A			\$0
	Total CPFF		N/A			\$566,000
(ff) VCO Support T.M.13 (NE Funded)	Estimated Cost	N/A	\$2,156,420			\$2,156,420
	Fixed Fee	N/A	\$118,975			\$118,975
	Total CPFF	N/A	\$2,275,395			\$2,275,395
(gg) 1. Dial Room T.M.13	Estimated Cost	N/A	\$4,339,904			\$4,339,904
	Fixed Fee	N/A	\$259,273			\$259,273
	Total CPFF	N/A	\$4,599,177			\$4,599,177
2. ECS Relocation	Estimated Cost	N/A	\$93,145			\$93,145
	Fixed Fee	N/A	\$6,855			\$6,855
	Total CPFF	N/A	\$100,000			\$100,000

Activity		FY09	FY10	FY11	FY12	Total
(hh) Navy - New Secure Room T.M.13	Estimated Cost	N/A	\$251,255			\$251,255
	Fixed Fee	N/A	\$13,914			\$13,914
	Total CPFF	N/A	\$265,169			\$265,169
(ii) MFC-INTEC Roadway T.L.01	Estimated Cost	N/A	\$302,531			\$302,531
	Fixed Fee	N/A	\$18,135			\$18,135
	Total CPFF	N/A	\$320,666			\$320,666
2. Design-Build-Planning	Estimated Cost	N/A	\$97,642			\$97,642
	Fixed Fee	N/A	\$7,186			\$7,186
	Total CPFF	N/A	\$104,828			\$104,828
3. Tech Support	Estimated Cost	N/A	\$51,230			\$51,230
	Fixed Fee	N/A	\$3,771			\$3,771
	Total CPFF	N/A	\$55,000			\$55,000
(kk) Ordnance Scrap Metal Removal for Snow Fence (NE Funded)	Estimated Cost	N/A	\$246,689			\$246,689
	Fixed Fee	N/A	\$13,311			\$13,311
	Total CPFF	N/A	\$260,000			\$260,000
(ll) Adapted Technologies Project T.L.01	Estimated Cost	N/A			\$1,622,973	\$1,622,973
	Fixed Fee	N/A			\$77,027	\$77,027
	Total CPFF	N/A			\$1,700,000	\$1,700,000
(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	\$186,289				\$186,289
	Fixed Fee	\$13,711				\$13,711
	Total CPFF	\$200,000				\$200,000
(nn) RH Legacy Waste - Estimate Only (NE Funded)	Estimated Cost	N/A	\$15,000			\$15,000
	Fixed Fee	N/A	\$0			\$0
	CLOSED Total CPFF	N/A	\$15,000			\$15,000