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|--|--|--|--|--|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT   |  | 1. CONTRACT ID CODE  |  | PAGE OF PAGES<br>1 1   |  |
| 2. AMENDMENT/MODIFICATION NO.<br>0283  |  | 3. EFFECTIVE DATE<br>See Block 16C   |  | 4. REQUISITION/PURCHASE REQ. NO.   |  |
| 5. PROJECT NO. (If applicable)   |  | 6. ISSUED BY<br>Idaho Operations<br>U.S. Department of Energy<br>Idaho Operations<br>1955 Fremont Avenue<br>Idaho Falls ID 83415 |  | 7. ADMINISTERED BY (If other than Item 6)<br>Idaho Operations<br>U.S. Department of Energy<br>Idaho Operations<br>1955 Fremont Avenue<br>MS 1221<br>Idaho Falls ID 83415 |  |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)<br>CH2M WG IDAHO LLC<br>Attn: Jeffrey A. Kerridge<br>151 NORTH RIDGE AVENUE<br>SUITE 150<br>IDAHO FALLS ID 834024039 |  | 9A. AMENDMENT OF SOLICITATION NO.  |  | 9B. DATED (SEE ITEM 11)  |  |
| CODE 166527569   |  | FACILITY CODE  |  | 10A. MODIFICATION OF CONTRACT/ORDER NO.<br>DE-AC07-05ID14516   |  |
|  |  |  |  | 10B. DATED (SEE ITEM 13)<br>03/23/2005   |  |

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)

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)<br>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 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

Refer to the continuation pages incorporated as part of this modification.

Payment:

OR for Idaho

U.S. Department of Energy



Oak Ridge Financial Service Center

P.O. Box 4368

Oak Ridge TN 37831

Period of Performance: 03/23/2005 to 09/30/2015

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)<br>JEFFREY KERRIDGE, CFO  |  | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)<br>Maria M. Mitchell-Williams   |  |
| 15B. CONTRACTOR/OFFEROR<br><br>(Signature of person authorized to sign) |  | 16B. UNITED STATES OF AMERICA<br><br>(Signature of Contracting Officer) |  |
| 15C. DATE SIGNED<br>9/15/14   |  | 16C. DATE SIGNED<br>9/15/2014  |  |

NSN 7540-01-152-8070  
Previous edition unusable

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

This modification incorporates a change to Section B.16 Extension – Items Not Included in Target Cost. This modification also incorporates new Section B clauses related to the General and Administrative (G&A) allocation adjustment to the Contract Line Item Numbers (CLINs) and the application of fringe benefits to new work.

**1. B.16 EXTENSION - ITEMS NOT INCLUDED IN TARGET COST (Referred to as B.5) is modified in its entirety as follows:**

The items described in Section C.11 (except the EEOICPA administrative activity) are not included in the current Target Cost (CLIN C – Balance of ICP) of this contract as defined in Section B.14(c). If DOE authorizes a new activity (B.16 work and/or other non-target non-B.16 work) which, by September 30, 2015, exceeds (plus or minus) 3% of the total Non-Target Scope provided in Table A below, then an adjustment to the Target Cost and Target Fee may be made using the following assumptions, calculations, and document sources (defined in Table B below). Separate funding will be provided for each new activity.

**Assumptions:**

- A. B.16 negotiated values will be used.
- B. Non-target non-B.16 actual costs will be used.
- C. If the threshold of plus or minus 3% (of \$119.2M) is triggered, the adjustment will occur on September 30, 2015, covering the period of performance of October 1, 2012, through September 30, 2015.
- D. The one-time adjustment will apply to CLIN C on a proration basis of 83.8%; CLIN A - B at 16.2%.
- E. Negotiated values that will be used for each year are the values for the proposed year they are to be incurred not the year awarded.

Table A below includes the anticipated *Total Non-Target Scope* in the contract. The values included in Table A were negotiated and definitized with Contract Modification 231.

| <b>Table A - Total Non-Target Scope</b>           |        |        |        |         |
|---|--------|--------|--------|---------|
| (\$M)   | FY13   | FY14   | FY15   | Total   |
| Non-Target Scope<br>(Fully Burdened with pension) | \$34.0 | \$35.7 | \$49.5 | \$119.2 |
| Initial Planned G&A<br>Amounts                    | \$8.1  | \$7.9  | \$9.6  | \$25.6  |
| Initial G&A Rates                                 | 36.49% | 34.96% | 29.72% |         |

| <b>Table B - Calculations, Formulas and Source</b> |   |   |
|--|---|---|
|  | <b>Item</b>                             | <b>Source or Formula</b> (attached to this modification)  |
| a  | Direct B.16 Negotiated Costs            | The final negotiated and memorialized B.16 ICP II Table and CWI's table that spreads the B.16 ICP II Table amounts to the period they were proposed to be incurred. (Attachment A Line 19 and Attachment A.1 {upon CO concurrence}) |
| b  | Direct Non-Target Non-B.16 Actual Costs | Sum of PeopleSoft cost report filtered on non-target work less indirect and fee cost elements. (Attachment B)   |
| c  | Total Non-Target Direct Costs           | a + b above = c   |
| d  | Modified G&A Annual Value               | c x annual Initial G&A rate identified in Table A listed above.   |
| e  | Annual Delta Values                     | Initial Planned G&A Amounts (listed in Table A above) - d   |
| f  | Contract Delta                          | Sum of each annual e (by fiscal year)   |
| g  | Target Cost Adjustment                  | f x 83.8% (CLIN C's ratio: \$24.6M / \$151.4M)  |
| i  | Target Fee Adjustment                   | g x 7.36% (CLIN C)  |

Table C below provides an example of how the adjustment will be calculated.

| <b>Table C</b>  |  |            |            |            |            |
|---|--|------------|------------|------------|------------|
| <b>B.16 Extension - Items Not Included in Target Cost (Example)</b> |  |            |            |            |            |
| Item  | Item Name  | FY 2013    | FY 2014    | FY 2015    | Final Adj. |
| a   | B.16 Direct Negotiated Costs                     | 18,021,816 | 19,320,781 | 16,677,236 |            |
| b   | Other Non-Target Direct Costs                    | 4,307,281  | 2,727,305  | 2,850,000  |            |
| c   | Total Non-Target Direct Costs                    | 22,329,097 | 22,048,086 | 19,527,236 |            |
|   |  |            |            |            |            |
|   | Annual Initial G&A Rate (from Table A)           | 36.49%     | 34.96%     | 29.72%     |            |
|   | Initial Planned G&A Amount (from Table A)        | 8,100,000  | 7,900,000  | 9,600,000  |            |
| d   | Modified G&A Annual Value                        | 8,147,887  | 7,708,011  | 5,803,495  |            |
| e   | Annual Delta Value                               | (47,887)   | 191,989    | 3,796,505  |            |
|   |  |            |            |            |            |
| f   | Contract Delta (sum of annual deltas)            | (47,887)   | 191,989    | 3,796,505  |            |
| g   | Target Cost Adjustment (Contract delta x 83.8%)  | (40,130)   | 160,887    | 3,181,472  | 3,302,229  |
| i   | Target Fee Adjustment (Target Cost Adj. x 7.36%) | (2,954)    | 11,841     | 234,156    | 243,044    |
|   |  |            |            |            |            |
| j   | CLIN A&B Adjustment                              | (7,758)    | 31,102     | 615,034    | 638,378    |

**2. B.14 (d) EXTENSION – GENERAL AND ADMINISTRATIVE (G&A)  
ALLOCATION TO CLIN A and B** is incorporated as follows:

**Assumptions:**

The general and administrative (G&A) threshold for CLIN A and B is 3% consistent with Section B.16. The CLIN A and B base G&A values, as established with contract modification 231, are \$24.6M plus any G&A adjustment that may be necessary as a result of the B.16 calculation (Refer to B.16(D)). If a CLIN A and B adjustment is necessary, it will be calculated after the B.16 adjustment.

If the total incurred combined G&A amount for CLIN A and B for the period of October 1, 2012, through September 30, 2015, exceed the G&A threshold above, a one-time Target Cost and Target Fee adjustment will be made to CLIN C. The calculation of this adjustment will be made by taking the CLIN A & B final G&A incurred costs and subtracting from them the CLIN A & B adjusted base G&A value (See Table A). This delta will be deducted from the CLIN C Target Cost with a corresponding Target Fee deduction of 7.36% (of the target cost adjustment). Final G&A amounts will come from the CWI PeopleSoft system and represent costs found in Project Cost and Reporting system (PCRS).

Table A below provides three examples of how the adjustment will be calculated.

| <b>Table A</b>   |                                     |             |
|--|-------------------------------------|-------------|
| <b>G&amp;A Allocation to CLIN A and B Adjustment (Example)</b> |                                     |             |
| Example #1   | CLIN A & B Final G&A incurred costs | 25,276,500  |
|  | B.16(D) Adjustment (Table C (j))    | 638,378     |
|  | CLIN A & B Base G&A Value           | 24,600,000  |
|  | Adjusted CLIN A & B Base G&A Value  | 25,238,378  |
|  | Delta over Adjusted Base            | 38,122      |
|  | % over Base                         | 0.15%       |
|  | Target Cost Adjustment              | 0           |
|  | Target Fee Adjustment               | 0           |
| Example #2   | CLIN A & B Final G&A incurred costs | 28,000,000  |
|  | B.16(D) Adjustment (Table C (j))    | 638,378     |
|  | CLIN A & B Base G&A Value           | 24,600,000  |
|  | Adjusted CLIN A & B Base G&A Value  | 25,238,378  |
|  | Delta over Base                     | 2,761,622   |
|  | % over Base                         | 10.94%      |
|  | Target Cost Adjustment              | (2,761,622) |
|  | Target Fee Adjustment               | (203,255)   |
| Example #3   | CLIN A & B Final G&A incurred costs | 30,000,000  |
|  | B.16(D) Adjustment (Table C (j))    | 638,378     |
|  | CLIN A & B Base G&A Value           | 24,600,000  |
|  | Adjusted CLIN A & B Base G&A Value  | 25,238,378  |
|  | Delta over Base                     | 4,761,622   |
|  | % over Base                         | 18.87%      |
|  | Target Cost Adjustment              | (4,761,622) |
|  | Target Fee Adjustment               | (350,455)   |

**3. B.22 EXTENSION – FRINGE BENEFITS** is incorporated as follows:

Fringe costs, based upon the current approved provisional rate, will be considered a direct cost for pricing scope additions and scope deletions and the costs will be included in the fee calculation for such contract change actions.

**STATEMENT OF AGREEMENT:** In consideration of the modification agreed to herein for the change to the B.16 clause, the G&A allocation adjustment to the CLINs, and application of Fringe to new work, the Contractor and DOE mutually agree that the adjustment methodology described herein is binding on both parties in resolution of this matter. This modification and the

methodology described herein may not be amended except by written mutual agreement of the parties.

The parties expressly agree that this modification of ICP II, relating to the treatment of General & Administrative costs and associated incentive and other fees, will not be offered, used, or relied on by either party, regardless of the context (i.e., negotiations, mediation, trial, or appeal), to prove any matter relating to the G&A and incentive and other fee issues that exist under ICP I. Instead, the parties agree that this modification makes an adjustment to ICP II that is retroactive to October 1, 2012, and is irrelevant to the proper interpretation of ICP I. The parties further expressly reserve any and all rights and defenses relating to the pending issues in CWI's appeal filed in the Civilian Board of Contract Appeals, CBCA No. 3876, regarding the proper treatment of G&A for purposes of final fee determination under ICP I.

## Mod 283 - Attachment A

Table B: Item a - Direct B.16 Negotiated Costs

| Negotiated B.16 ICP-II Table - FAR 15-2 Summary |  |  |                     |            |            |            |
|---|--|--|---------------------|------------|------------|------------|
|   |  |  | FY 2013             | FY 2014    | FY 2015    | Total      |
| #   |  |  |                     |            |            |            |
| 1   | Direct Labor Hours   |  | 0                   | TBD        | TBD        | TBD        |
| 2   | Subcontract Direct Labor Hours                                     |  | 0                   | TBD        | TBD        | TBD        |
| 3   | <b>Total Labor Hours</b>   |  | <b>0</b>            | <b>TBD</b> | <b>TBD</b> | <b>TBD</b> |
| 4   |  |  |                     |            |            |            |
| 5   | CWI Bare Labor   |  | \$9,718,265         | TBD        | TBD        | TBD        |
| 6   | Fringe Benefits  |  | \$5,880,505         | TBD        | TBD        | TBD        |
| 7   | Total CWI Labor  |  | \$15,598,770        | TBD        | TBD        | TBD        |
| 8   | Subcontract Labor  |  | \$0                 | TBD        | TBD        | TBD        |
| 9   | <b>Total Labor</b>   |  | <b>\$15,598,770</b> | <b>TBD</b> | <b>TBD</b> | <b>TBD</b> |
| 10  |  |  |                     |            |            |            |
| 11  | Services, Other Direct Costs, and Distributions                    |  | \$2,977,255         | TBD        | TBD        | TBD        |
| 12  | Travel   |  | \$1,655             | TBD        | TBD        | TBD        |
| 13  | Equipment  |  | \$0                 | TBD        | TBD        | TBD        |
| 14  | Material (Includes Sales Tax)                                      |  | \$480,047           | TBD        | TBD        | TBD        |
| 15  | Non-Labor Subcontract Cost   |  | \$515,772           | TBD        | TBD        | TBD        |
| 16  | Management Reserve   |  | \$66,700            | TBD        | TBD        | TBD        |
| 17  | <b>Total Base Cost</b>   |  | <b>\$19,640,199</b> | <b>TBD</b> | <b>TBD</b> | <b>TBD</b> |
| 18  | Escalation on Base Cost  |  | \$564,808           | TBD        | TBD        | TBD        |
| 19  | <b>SummaryTotal Escalated Base Cost</b>                            |  | <b>\$20,205,007</b> | <b>TBD</b> | <b>TBD</b> | <b>TBD</b> |
| 20  | Applied CWI G&A  |  | \$7,618,041         | TBD        | TBD        | TBD        |
| 21  | Pension  |  | \$3,500,809         | TBD        | TBD        | TBD        |
| 22  | <b>Total Cost</b>  |  | <b>\$31,323,857</b> | <b>TBD</b> | <b>TBD</b> | <b>TBD</b> |
| 23  | CWI Fee on Total Cost, Excluding Pension Cost (verify by each Mod) |  | \$1,857,486         | TBD        | TBD        | TBD        |
| 24  | <b>TOTAL PRICE</b>   |  | <b>\$33,181,343</b> | <b>TBD</b> | <b>TBD</b> | <b>TBD</b> |

This is the 2nd worksheet of the B.16 excel table attached with each B.16 modification.

The FY 2013 column represents the actual negotiated values with FY 2014-2015 yet to be determined.

|                                       |           |       | Pension     |           | Estimated |            |           |          |            |
|---------------------------------------|-----------|-------|-------------|-----------|-----------|------------|-----------|----------|------------|
| Navy Fuel Transfers                   |           |       | Direct Cost | G&A Cost  | Cost      | Cost       | Fixed Fee | Fee Rate | Total CPFF |
| a.1                                   | Mod 236   | FY 13 | 16,001,259  | 6,096,480 | 2,774,618 | 24,872,357 | 1,522,492 | 6.12%    | 26,394,849 |
|                                       | Mod 256   | FY 13 | (281,156)   | (101,942) | (48,752)  | (431,850)  | (28,196)  | 6.53%    | (460,046)  |
|                                       | Mod 268   | FY 14 | 13,707,607  | 4,456,343 | 2,097,264 | 20,261,214 | 1,336,867 | 6.60%    | 21,598,081 |
|                                       | Estimated | FY 15 | 13,707,607  | 4,456,343 | 2,097,264 | 20,261,214 | 1,336,867 | 6.60%    | 21,598,081 |
| Total a.1                             |           |       |             |           |           | 64,962,935 | 4,168,030 | 6.42%    | 69,130,965 |
| Naval Reactor Cans                    |           |       |             |           |           |            |           |          |            |
| a.2                                   | Mod 250   | FY 13 | 521,077     | 195,248   | 90,980    | 807,305    | 51,397    | 6.37%    | 858,702    |
|                                       |           | FY 14 | 1,359,623   | 471,517   | 207,886   | 2,039,026  | 131,427   | 6.45%    | 2,170,453  |
|                                       |           | FY 15 | 1,213,647   | 440,069   | 235,448   | 1,889,164  | 118,613   | 6.28%    | 2,007,777  |
| Total a.2                             |           |       |             |           |           | 4,735,495  | 301,437   | 6.37%    | 5,036,932  |
| Swapping Fuel in MPS                  |           |       |             |           |           |            |           |          |            |
| a.3                                   |           | FY 13 |             |           |           | -          |           | #DIV/0!  | -          |
|                                       | Mod 281   | FY 14 | 108,418     | 34,704    | 14,929    | 158,051    | 10,534    | 6.66%    | 168,585    |
|                                       |           | FY 15 |             |           |           | -          |           | #DIV/0!  | -          |
| Total a.3                             |           |       |             |           |           | 158,051    | 10,534    | 6.66%    | 168,585    |
| Navy Fuel Transfer Clean Fuel Modules |           |       |             |           |           |            |           |          |            |
| a.4                                   |           | FY 13 |             |           |           | -          |           | #DIV/0!  | -          |
|                                       | Mod 281   | FY 14 | 9,094       | 2,957     | 1,391     | 13,442     | 989       | 7.36%    | 14,431     |
|                                       |           | FY 15 |             |           |           | -          |           | #DIV/0!  | -          |
| Total a.4                             |           |       |             |           |           | 13,442     | 989       | 7.36%    | 14,431     |
| NNPP Weigh Clusster                   |           |       |             |           |           |            |           |          |            |
| a.5                                   |           | FY 13 |             |           |           | -          |           | #DIV/0!  | -          |
|                                       | Mod 281   | FY 14 | 2,742       | 892       | 420       | 4,054      | 267       | 6.59%    | 4,321      |
|                                       |           | FY 15 |             |           |           | -          |           | #DIV/0!  | -          |
| Total a.5                             |           |       |             |           |           | 4,054      | 267       | 6.59%    | 4,321      |
| NNPP Measure 900-6 Baskets            |           |       |             |           |           |            |           |          |            |
| a.6                                   |           | FY 13 |             |           |           | -          |           | #DIV/0!  | -          |
|                                       | Mod 281   | FY 14 | 1,665       | 541       | 255       | 2,461      | 162       | 6.58%    | 2,623      |
|                                       |           | FY 15 |             |           |           | -          |           | #DIV/0!  | -          |
| Total a.6                             |           |       |             |           |           | 2,461      | 162       | 6.58%    | 2,623      |
| Other Support to DOE                  |           |       |             |           |           |            |           |          |            |
| b.1                                   | Mod 236   | FY 13 | 739,067     | 281,584   | 128,154   | 1,148,805  | 20,413    | 1.78%    | 1,169,218  |
|                                       | Mod 236   | FY 14 | 759,311     | 289,298   | 131,665   | 1,180,274  | 20,972    | 1.78%    | 1,201,246  |
|                                       | Mod 236   | FY 15 | 780,143     | 297,235   | 135,277   | 1,212,655  | 21,548    | 1.78%    | 1,234,203  |
| Total b.1                             |           |       |             |           |           | 3,541,734  | 62,933    | 1.78%    | 3,604,667  |
| Records Management                    |           |       |             |           |           |            |           |          |            |
| b.2                                   | Mod 236   | FY 13 | 182,087     | 69,375    | 31,574    | 283,036    | 5,029     | 1.78%    | 288,065    |
|                                       | Mod 236   | FY 14 | 187,223     | 71,332    | 32,465    | 291,020    | 5,171     | 1.78%    | 296,191    |
|                                       | Mod 236   | FY 15 | 192,360     | 73,289    | 33,355    | 299,004    | 5,313     | 1.78%    | 304,317    |
| Total b.2                             |           |       |             |           |           | 873,060    | 15,513    | 1.78%    | 888,573    |
| ID Copier Support                     |           |       |             |           |           |            |           |          |            |
| b.3                                   | Mod 236   | FY 13 | 51,406      | 19,586    | 8,914     | 79,906     | 1,420     | 1.78%    | 81,326     |
|                                       | Mod 236   | FY 14 | 52,856      | 20,138    | 9,165     | 82,159     | 1,460     | 1.78%    | 83,619     |
|                                       | Mod 236   | FY 15 | 54,307      | 20,691    | 9,417     | 84,415     | 1,500     | 1.78%    | 85,915     |
| Total b.3                             |           |       |             |           |           | 246,480    | 4,380     | 1.78%    | 250,860    |
| Dosimetry                             |           |       |             |           |           |            |           |          |            |
| b.4                                   | Mod 236   | FY 13 | 29,664      | 11,302    | 5,144     | 46,110     | 819       | 1.78%    | 46,929     |
|                                       | Mod 236   | FY 14 | 30,501      | 11,621    | 5,289     | 47,411     | 842       | 1.78%    | 48,253     |
|                                       | Mod 236   | FY 15 | 31,338      | 11,940    | 5,434     | 48,712     | 866       | 1.78%    | 49,578     |
| Total b.4                             |           |       |             |           |           | 142,233    | 2,527     | 1.78%    | 144,760    |
| Printing/Graphic Arts                 |           |       |             |           |           |            |           |          |            |
| b.5                                   | Mod 236   | FY 13 | 1,296       | 494       | 225       | 2,015      | 36        | 1.79%    | 2,051      |
|                                       | Mod 236   | FY 14 | 1,333       | 508       | 231       | 2,072      | 37        | 1.79%    | 2,109      |
|                                       | Mod 236   | FY 15 | 1,369       | 522       | 238       | 2,129      | 38        | 1.78%    | 2,167      |
| Total b.5                             |           |       |             |           |           | 6,216      | 111       | 1.79%    | 6,327      |
| DOE Office Moves                      |           |       |             |           |           |            |           |          |            |
| b.6                                   | Mod 236   | FY 13 | 153         | 58        | 27        | 238        | 4         | 1.68%    | 242        |
|                                       | Mod 236   | FY 14 | 157         | 60        | 27        | 244        | 4         | 1.64%    | 248        |
|                                       | Mod 236   | FY 15 | 162         | 62        | 28        | 252        | 4         | 1.59%    | 256        |
| Total b.6                             |           |       |             |           |           | 734        | 12        | 1.63%    | 746        |
| Protoble Toilet - RESL                |           |       |             |           |           |            |           |          |            |
| b.7                                   | Mod 236   | FY 13 | 1,235       | 369       | 168       | 1,772      | 31        | 1.75%    | 1,803      |
|                                       | Mod 236   | FY 14 | 1,285       | 369       | 168       | 1,822      | 32        | 1.76%    | 1,854      |
|                                       | Mod 236   | FY 15 | 1,336       | 369       | 168       | 1,873      | 33        | 1.76%    | 1,906      |

Contract modifications and mod 283.xls

|  |         |       | Direct Cost | G&A Cost | Pension Cost | Estimated Cost   | Fixed Fee     | Fee Rate     | Total CPFF       |
|--|---------|-------|-------------|----------|--------------|------------------|---------------|--------------|------------------|
| Navy Fuel Transfers  |         |       |             |          |              |                  |               |              |                  |
| <b>Total b.7</b>   |         |       |             |          |              | <b>5,467</b>     | <b>96</b>     | <b>1.76%</b> | <b>5,563</b>     |
| DOE Training   |         |       |             |          |              |                  |               |              |                  |
| b.8  | Mod 236 | FY 13 | 11,220      | 4,275    | 1,945        | 17,440           | 310           | 1.78%        | 17,750           |
|  | Mod 236 | FY 14 | 11,536      | 4,395    | 2,000        | 17,931           | 319           | 1.78%        | 18,250           |
|  | Mod 236 | FY 15 | 11,870      | 4,523    | 2,058        | 18,451           | 328           | 1.78%        | 18,779           |
| <b>Total b.8</b>   |         |       |             |          |              | <b>53,822</b>    | <b>957</b>    | <b>1.78%</b> | <b>54,779</b>    |
| Adapted Technologies   |         |       |             |          |              |                  |               |              |                  |
| c  | Mod 254 | FY 13 | 34,394      | 11,907   | 5,923        | 52,224           |               | 0.00%        | 52,224           |
|  | Mod 236 | FY 14 |             |          |              | -                |               | #DIV/0!      | -                |
|  | Mod 236 | FY 15 |             |          |              | -                |               | #DIV/0!      | -                |
| <b>Total c</b>   |         |       |             |          |              | <b>52,224</b>    | <b>-</b>      | <b>0.00%</b> | <b>52,224</b>    |
| Technology Development - SNF   |         |       |             |          |              |                  |               |              |                  |
| d  | Mod 254 | FY 13 | 340,035     | 117,720  | 58,554       | 516,309          | 33,691        | 6.53%        | 550,000          |
|  | Mod 236 | FY 14 |             |          |              | -                |               | #DIV/0!      | -                |
|  | Mod 236 | FY 15 |             |          |              | -                |               | #DIV/0!      | -                |
| <b>Total d</b>   |         |       |             |          |              | <b>516,309</b>   | <b>33,691</b> | <b>6.53%</b> | <b>550,000</b>   |
| Sandia Fuel Receipt  |         |       |             |          |              |                  |               |              |                  |
| e  |         | FY 13 | 196,281     | 73,547   | 34,271       | 304,099          | 19,859        | 6.53%        | 323,958          |
|  | Mod 263 | FY 14 | 293,641     | 101,835  | 44,898       | 440,374          | 29,107        | 6.61%        | 469,481          |
|  |         | FY 15 | 505,086     | 166,398  | 99,774       | 771,258          | 49,422        | 6.41%        | 820,680          |
| <b>Total e</b>   |         |       |             |          |              | <b>1,515,731</b> | <b>98,388</b> | <b>6.49%</b> | <b>1,614,119</b> |
| LANL Waste Transfer  |         |       |             |          |              |                  |               |              |                  |
| f  |         | FY 13 | 26,365      | 9,879    | 4,603        | 40,847           | 2,668         |              | 43,515           |
|  | Mod 263 | FY 14 | 159,318     | 50,856   | 24,143       | 234,317          | 12,003        | 5.12%        | 246,320          |
|  |         | FY 15 |             |          |              | -                |               | #DIV/0!      | -                |
| <b>Total f</b>   |         |       |             |          |              | <b>275,164</b>   | <b>14,671</b> | <b>5.33%</b> | <b>289,835</b>   |
| RH 72B Trampac   |         |       |             |          |              |                  |               |              |                  |
| g  |         | FY 13 | 146,800     | 47,643   | 22,537       | 216,980          | 3,888         | 1.79%        | 220,868          |
|  | Mod 272 | FY 14 | 212,258     | 68,012   | 30,126       | 310,396          | 5,604         | 1.81%        | 316,000          |
|  |         | FY 15 | 178,011     | 59,558   | 31,470       | 269,039          | 4,754         | 1.77%        | 273,793          |
| <b>Total g</b>   |         |       |             |          |              | <b>796,415</b>   | <b>14,246</b> | <b>1.79%</b> | <b>810,661</b>   |
| Small Dollar Activities - FSV, SNF StabilizationCPP-603 and CPP-666                            |         |       |             |          |              |                  |               |              |                  |
| h.1  |         | FY 13 | 20,633      | 7,002    | 3,665        | 31,300           | 1,467         | 4.69%        | 32,767           |
|  | Mod 263 | FY 14 |             |          |              | -                |               |              |                  |
|  |         | FY 15 |             |          |              | -                |               | #DIV/0!      | -                |
| <b>Total h.1</b>   |         |       |             |          |              | <b>31,300</b>    | <b>1,467</b>  | <b>4.69%</b> | <b>32,767</b>    |
| Small Dollar Activities - WIPP Storage Facilities  |         |       |             |          |              |                  |               |              |                  |
| h.2  |         | FY 13 |             |          |              | -                |               | #DIV/0!      | -                |
|  | Mod 281 | FY 14 | 16,656      | 5,332    | 2,293        | 24,281           | 879           | 3.62%        | 25,160           |
|  |         | FY 15 |             |          |              | -                |               | #DIV/0!      | -                |
| <b>Total h.2</b>   |         |       |             |          |              | <b>24,281</b>    | <b>879</b>    | <b>3.62%</b> | <b>25,160</b>    |
| Analysis of CPP-603 for NE Use (NE Funding) - Task 1 - Cost Proposal for Task 2A and 2B        |         |       |             |          |              |                  |               |              |                  |
| i-Task 1   |         | FY 13 |             |          |              | -                |               | #DIV/0!      | -                |
|  | Mod 281 | FY 14 | 6,158       | 2,002    | 942          | 9,102            | 326           | 3.58%        | 9,428            |
|  |         | FY 15 |             |          |              | -                |               | #DIV/0!      | -                |
| <b>Total i-Task 1</b>  |         |       |             |          |              | <b>9,102</b>     | <b>326</b>    | <b>3.58%</b> | <b>9,428</b>     |
| Analysis of CPP-603 for NE Use (NE Funding) - Task 2A - Validate Assumptions                   |         |       |             |          |              |                  |               |              |                  |
| i-Task 2A  |         | FY 13 |             |          |              | -                |               | #DIV/0!      | -                |
|  | Mod 281 | FY 14 | 71,474      | 22,879   | 9,842        | 104,195          | 5,163         | 4.96%        | 109,358          |
|  |         | FY 15 |             |          |              | -                |               | #DIV/0!      | -                |
| <b>Total i-Task 2A</b>   |         |       |             |          |              | <b>104,195</b>   | <b>5,163</b>  | <b>4.96%</b> | <b>109,358</b>   |
| Analysis of CPP-603 for NE Use (NE Funding) - Task 2B - Fabricate a Cask Mockup                |         |       |             |          |              |                  |               |              |                  |
| i-Task 2B  |         | FY 13 |             |          |              | -                |               | #DIV/0!      | -                |
|  | Mod 281 | FY 14 | 102,991     | 32,968   | 14,182       | 150,141          | 8,360         | 5.57%        | 158,501          |
|  |         | FY 15 |             |          |              | -                |               | #DIV/0!      | -                |
| <b>Total i-Task 2B</b>   |         |       |             |          |              | <b>150,141</b>   | <b>8,360</b>  | <b>5.57%</b> | <b>158,501</b>   |
| Analysis of CPP-603 for NE Use (NE Funding) - Task 2C - Devise Process to Move Mockup into 603 |         |       |             |          |              |                  |               |              |                  |
| i-Task 2C  |         | FY 13 |             |          |              | -                |               | #DIV/0!      | -                |
|  | Mod 281 | FY 14 | 5,769       | 1,876    | 883          | 8,528            | 563           | 6.60%        | 9,091            |
|  |         | FY 15 |             |          |              | -                |               | #DIV/0!      | -                |
| <b>Total i-Task 2C</b>   |         |       |             |          |              | <b>8,528</b>     | <b>563</b>    | <b>6.60%</b> | <b>9,091</b>     |
| FSV Interim Enhancements (non-defense funding)   |         |       |             |          |              |                  |               |              |                  |
| j  |         | FY 13 |             |          |              | -                |               | #DIV/0!      | -                |
|  | Mod 281 | FY 14 | 2,207,568   | 706,643  | 303,982      | 3,218,193        | 181,807       | 5.65%        | 3,400,000        |

|   |             |          |       | Pension   | Estimated |          |            |        |
|---|-------------|----------|-------|-----------|-----------|----------|------------|--------|
| Navy Fuel Transfers                         | Direct Cost | G&A Cost | Cost  | Cost      | Fixed Fee | Fee Rate | Total CPFF |        |
|   | FY 15       |          |       | -         |           | #DIV/0!  | -          |        |
| Total j                                     |             |          |       | 3,218,193 | 181,807   | 5.65%    | 3,400,000  |        |
| Portsmouth Conceptual/Mathematical Modeling |             |          |       |           |           |          |            |        |
| k   | FY 13       |          |       | -         |           | #DIV/0!  | -          |        |
| Mod 281                                     | FY 14       | 11,597   | 3,712 | 1,597     | 16,906    | 1,127    | 6.67%      | 18,033 |
|   | FY 15       |          |       | -         |           | #DIV/0!  | -          |        |
| Total k                                     |             |          |       | 16,906    | 1,127     | 6.67%    | 18,033     |        |

Based on Annual Scope thru Mod 281 - Includes FY15 Navy Fuel Estimate

|        |            |            |           |            |           |       |            |
|--------|------------|------------|-----------|------------|-----------|-------|------------|
| FY 13  | 18,021,816 | 6,844,527  | 3,122,550 | 27,988,893 | 1,635,328 | 5.84% | 29,624,221 |
| FY 14  | 19,320,781 | 6,360,790  | 2,936,043 | 28,617,614 | 1,754,022 | 6.13% | 30,371,636 |
| FY 15  | 16,677,236 | 5,530,999  | 2,649,931 | 24,858,166 | 1,539,286 | 6.19% | 26,397,452 |
| Totals | 54,019,833 | 18,736,316 | 8,708,524 | 81,464,673 | 4,928,636 |       | 86,393,309 |

Based on Annual Scope Thru Mod 281 - Does not include FY15 Navy Fuel Estimate

|        |            |            |           |            |           |       |            |
|--------|------------|------------|-----------|------------|-----------|-------|------------|
| FY 13  | 18,021,816 | 6,844,527  | 3,122,550 | 27,988,893 | 1,635,328 | 5.84% | 29,624,221 |
| FY 14  | 19,320,781 | 6,360,790  | 2,936,043 | 28,617,614 | 1,754,022 | 6.13% | 30,371,636 |
| FY 15  | 2,969,629  | 1,074,656  | 552,667   | 4,596,952  | 202,419   | 4.40% | 4,799,371  |
| Totals | 40,312,226 | 14,279,973 | 6,611,260 | 61,203,459 | 3,591,769 |       | 64,795,228 |

Based on when Scope was Negotiated Thru Mod 281 - Does not include FY15 Navy Fuel Estimate

|        |            |            |           |            |           |       |            |
|--------|------------|------------|-----------|------------|-----------|-------|------------|
| FY 13  | 20,205,007 | 7,618,042  | 3,500,808 | 31,323,857 | 1,857,486 | 5.93% | 33,181,343 |
| FY 14  | 19,034,334 | 6,253,300  | 2,924,477 | 28,212,111 | 1,704,653 | 6.04% | 29,916,764 |
| FY 15  | 1,072,885  | 408,631    | 185,975   | 1,667,491  | 29,630    | 1.78% | 1,697,121  |
| Totals | 40,312,226 | 14,279,973 | 6,611,260 | 61,203,459 | 3,591,769 |       | 64,795,228 |

Attachment B  
DE-AC07-05ID14516  
Mod 283

Item b - Non-Target Non-B.16 Actual Costs

File Name: Actuals.cs  
Project: MAR-FY14

Report Date: 4/22/2014 1:52:39 PM

Summary

Level: Cost Element

WBS: T.P,T.R

Cost Type: B.16 SCOPE

Includes G&A

Filter Oct-FY13 thru Mar-FY14

**Total Costs Report  
Summary**

|   | Detail                         | 2013             | 2014 | 2015 | Total |
|---|--------------------------------|------------------|------|------|-------|
| G10   | STRAIGHT TIME                  | 1,578,557        | TBD  | TBD  | TBD   |
| G20   | Overtime                       | 31,413           | TBD  | TBD  | TBD   |
| GF0   | ICP Fringe                     | 961,958          | TBD  | TBD  | TBD   |
| H1A   | Labor Augmentation Strght Time | 94,473           | TBD  | TBD  | TBD   |
| J10   | Employee Travel Airfare Only   | 15,532           | TBD  | TBD  | TBD   |
| J11   | Employee Travel Stay Only      | 49,455           | TBD  | TBD  | TBD   |
| J12   | Employee Travel Whole Trip     | 50,415           | TBD  | TBD  | TBD   |
| M12   | Heating Fuel                   | -                | TBD  | TBD  | TBD   |
| M60   | Direct purchases               | 44,166           | TBD  | TBD  | TBD   |
| M6X   | Direct Purchases Pollution Con | 1,124            | TBD  | TBD  | TBD   |
| M70   | WAREHOUSE ISSUES               | 806              | TBD  | TBD  | TBD   |
| M80   | Services                       | 480,064          | TBD  | TBD  | TBD   |
| MAR   | SUBCON MAINTENANCE FROM BEA    | 10,403           | TBD  | TBD  | TBD   |
| MAS   | SUBCONTRACT TRANSFER FROM BEA  | 44,944           | TBD  | TBD  | TBD   |
| MAV   | VEHICLE USE FROM BEA & GSA     | 104              | TBD  | TBD  | TBD   |
| NST   | ACCOUNTING USE ONLY            | -                | TBD  | TBD  | TBD   |
| P21   | IDAHO SALES & USE TAXES        | 1,088            | TBD  | TBD  | TBD   |
| P56   | FREIGHT CHARGES                | 17,523           | TBD  | TBD  | TBD   |
| R44   | MEAL TICKETS                   | 3,116            | TBD  | TBD  | TBD   |
| R4E   | ICP BIOASSAY                   | 449,669          | TBD  | TBD  | TBD   |
| R4J   | DOSIMETRY                      | 314,219          | TBD  | TBD  | TBD   |
| RAF   | FUELS                          | 1,312            | TBD  | TBD  | TBD   |
| RT3   | ICP SAFETY TRAINING            | 8,651            | TBD  | TBD  | TBD   |
| RT4   | ICP RAD WORKER TRAINING        | 1,812            | TBD  | TBD  | TBD   |
| RT5   | ICP HOISTING/RIGGING TRAINING  | -                | TBD  | TBD  | TBD   |
| RT7   | ICP VENDOR COORDINATED TRNING  | 1,400            | TBD  | TBD  | TBD   |
| RT9   | ICP WEB TRAINING               | 2,184            | TBD  | TBD  | TBD   |
| T30   | ICP G&A                        | 1,446,385        | TBD  | TBD  | TBD   |
| T33   | ICP PENSION                    | 738,699          | TBD  | TBD  | TBD   |
| V19   | OTHER DOUBLE SIDED ADJUSTMENTS | 142,893          | TBD  | TBD  | TBD   |
| V26   | WFO FEE ICP2                   | 133,713          | TBD  | TBD  | TBD   |
| Y03   | Prior Year Category 3          | -                | TBD  | TBD  | TBD   |
| Z30   | PRIOR YEAR T30                 | -                | TBD  | TBD  | TBD   |
| Z33   | PRIOR YEAR T33                 | -                | TBD  | TBD  | TBD   |
| <b>Grand Total</b>                              |                                | <b>6,626,077</b> | -    |      | -     |
| Total Costs Less indirect and fee cost elements |                                | 4,307,281        |      |      |       |