| Modification<br>Reference | Туре                  | Description of Modification<br>Prime Contract No. DE-AC36-08GO28308   | Date Signed by<br>Contracting<br>Officer |
|---------------------------|-----------------------|---|--|
| A0929                     | Funding               | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$2,933,841,397.59   | 10/09/14                                 |
| A0930                     | Funding               | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$2, 935,452,541.29.   | 10/14/14                                 |
| A0931                     | Funding               | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$2,937,680,841.29.  | 10/22/14                                 |
| A0932                     | Funding               | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$2,938,028,618.96.  | 10/24/14                                 |
| M0933                     | Administrative        | This bilateral modification extends the term of the<br>Contract to September 30, 2018; and<br><u>Deleted and replaced</u><br>• Section F, Deliveries or Performance   | 11/03/14                                 |
| A0934                     | Funding               | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$2,939,345,279.24.  | 11/19/14                                 |
| A0935                     | Funding               | <ul> <li>I.140 970.5232-4 Obligation of Funds is revised to<br/>reflect the amount presently obligated by the<br/>Government with respect to this contract as being<br/>\$2,966,079.890.87.</li> </ul>  | 11/20/14                                 |
| A0936                     | Funding               | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$2,966,142,997.67.  | 11/21/14                                 |
| A0937                     | Funding               | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$2,966,075,232.67.  | 12/09/14                                 |
| M0938                     | <u>Administrative</u> | <ul> <li>The following corrections are made to modification<br/>933:</li> <li>Increases the total award value from \$2.8 billion to<br/>\$3.6 billion.</li> <li>Paragraph B.3, Transition Cost, Estimated Costs and<br/>Maximum Available Fee, is hereby deleted and</li> </ul> | 12/17/14                                 |

### PRIME CONTRACT MODIFICATION INDEX

#### Fiscal Year 2015

| Modification<br>Reference | Туре    | Description of Modification<br>Prime Contract No. DE-AC36-08GO28308  | Date Signed by<br>Contracting<br>Officer |
|---------------------------|---------|--|--|
|                           |         | replaced to update the Total Available Fee –<br>Research and Development Option Period table.  |  |
|                           |         | • Corrected to provide the complete description of Section F as captured in the signed version of Modification attached in Stripes.  |  |
|                           |         | Deleted and Replaced:  |  |
|                           |         | <ul> <li>Part I, Section H, Special Contract Requirements,<br/>Clause H.9, Responsible Corporate Official, reflects<br/>a change to the responsible corporate official.</li> </ul>   |  |
|                           |         | • Section J, Attachment I, Subcontracts, Purchase<br>Orders And Other Actions Requiring DOE Review<br>and Approval and Other Agreement Between the<br>Parties, to reflect a change to the dollar threshold in<br>paragraph (h).  |  |
|                           |         | <ul> <li>Added:</li> <li>Clause I.160 – 52.203-17, Contractor Employee<br/>Whistleblower Rights and Requirement to Inform<br/>Employees of Whistleblower Rights (Apr 2014), is<br/>added by reference to Part II, Section I, Contract<br/>Clauses, Table of Contents, and is added to Part II,<br/>Section I, Contract Clauses.</li> </ul> |  |
|                           |         | • <b>Incorporates by reference</b> Section J, Attachment J, FY2015 Performance Evaluation and Measurement Plan, dated December 11, 2014, Rev 2.  |  |
| A0939                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$2,978,253,259.62  | 12/18/14                                 |
| A0940                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$2,980,375,060.99  | 12/19/14                                 |
| A0941                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to<br>reflect the amount presently obligated by the<br>Government with respect to this contract as being<br>\$2,980,482,827.98   | 12/22/14                                 |
| A0942                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$2,980,904,687.79  | 12/22/14                                 |

| Modification<br>Reference | Туре    | Description of Modification<br>Prime Contract No. DE-AC36-08GO28308   | Date Signed by<br>Contracting<br>Officer |
|---------------------------|---------|---|--|
| A0943                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$2,981,079,300.41                               | 12/23/14                                 |
| A0944                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,008,764,763.66                               | 01/21/15                                 |
| A0945                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,010,226,527.93                               | 01/22/15                                 |
| A0946                     | Funding | <ul> <li>I.140 970.5232-4 Obligation of Funds is revised to<br/>reflect the amount presently obligated by the<br/>Government with respect to this contract as being<br/>\$3,010,420,702.69</li> </ul> | 01/23/15                                 |
| A0947                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,010,450,246.38                               | 01/23/15                                 |
| A0948                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,010,450,246.62                               | 01/26/15                                 |
| A0949                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,010,514,324.29                               | 02/02/15                                 |
| A0950                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,011,314,233.12                               | 02/03/15                                 |
| A0951                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,011,680,413.46                               | 02/03/15                                 |
| A0952                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,011,512,408.84                               | 02/05/15                                 |
| A0953                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,011,493,845.97                               | 02/05/15                                 |

| Modification<br>Reference | Туре                  | Description of Modification<br>Prime Contract No. DE-AC36-08GO28308  | Date Signed by<br>Contracting<br>Officer |
|---------------------------|-----------------------|--|--|
| A0954                     | Funding               | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,011,492,040.93  | 02/09/15                                 |
| A0955                     | Funding               | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,011,488,077.33  | 02/09/15                                 |
| A0956                     | Funding               | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,011,481,324.54  | 02/10/15                                 |
| A0957                     | Funding               | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,011,480,328.15  | 02/10/15                                 |
| A0958                     | Funding               | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,011,477,915.50  | 02/11/15                                 |
| A0959                     | Funding               | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,012,157,527.15  | 02/12/15                                 |
| A0960                     | Funding               | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,012,657,609.61  | 02/12/15                                 |
| A0961                     | Funding               | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,012,851,784.37  | 02/18/15                                 |
| M0962                     | <u>Administrative</u> | <ul> <li>Deleted and Replaced:</li> <li>Clause H.42, Non-Federal Agreement for<br/>Commercializing Technology (Pilot), Paragraph 12,<br/>Termination of ACT Authority, is deleted and<br/>replaced to update the termination date.</li> <li>Section J, Attachment C, Small Business<br/>Subcontracting Plan: The FY2014 Small Business<br/>Subcontracting Plan is hereby deleted and replaced<br/>with the FY2015 Small Business Subcontracting<br/>Plan.</li> </ul> | 03/04/15                                 |

### PRIME CONTRACT MODIFICATION INDEX

#### Fiscal Year 2015

| Modification<br>Reference | Туре    | Description of Modification<br>Prime Contract No. DE-AC36-08GO28308  | Date Signed by<br>Contracting<br>Officer |
|---------------------------|---------|--|--|
|                           |         | <ul> <li>Deleted:</li> <li>Clause I.160 – 52.203-17, Contractor Employee<br/>Whistleblower Rights and Requirement to Inform<br/>Employees of Whistleblower Rights (Apr 2014),<br/>deleted from Part II, Section I, Contract Clauses,<br/>Table of Contents, and from Part II, Section I,<br/>Contract Clauses and are marked as [RESERVE]</li> </ul>   | is                                       |
|                           |         | <ul> <li>Incorporates by reference:</li> <li>Section J, Attachment J, FY 2015 Performance<br/>Evaluation And Measurement Plan dated Februa<br/>13, 2015 Rev 3.</li> <li>Section J, Attachment L, Employee Concerns<br/>Program Plan dated January 22, 2015.</li> <li>Section J, Attachment P, NREL's Five -Year Pla<br/>(FY15-FY19) dated October 23, 2014, Rev 2.</li> <li>Section J, Attachments Q and R, Organizational<br/>Conflicts of Interest Management Plan and<br/>Implementation Program, Volumes I and II, date</li> </ul> | n  |
| A0963                     | Funding | <ul> <li>October 6, 2014.</li> <li>I.140 970.5232-4 Obligation of Funds is revised<br/>reflect the amount presently obligated by the<br/>Government with respect to this contract as being<br/>\$3,032,203,866.91</li> </ul>   |  |
| A0964                     | Funding | <ul> <li>I.140 970.5232-4 Obligation of Funds is revised<br/>reflect the amount presently obligated by the<br/>Government with respect to this contract as being<br/>\$3,032,460,092.48</li> </ul>   |  |
| A0965                     | Funding | <ul> <li>I.140 970.5232-4 Obligation of Funds is revised<br/>reflect the amount presently obligated by the<br/>Government with respect to this contract as being<br/>\$3,032,532,908.01</li> </ul>   |  |
| A0966                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised<br>reflect the amount presently obligated by the<br>Government with respect to this contract as being<br>\$3,032,430,022.32  |  |
| A0967                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised<br>reflect the amount presently obligated by the<br>Government with respect to this contract as being<br>\$3,033,121,686.17  |  |
| A0968                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised<br>reflect the amount presently obligated by the<br>Government with respect to this contract as being<br>\$3,033,789,911.56  |  |

| Modification<br>Reference | Туре    | Description of Modification<br>Prime Contract No. DE-AC36-08GO28308   | Date Signed by<br>Contracting<br>Officer |
|---------------------------|---------|---|--|
| A0969                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,033,848,163.99 | 03/18/15                                 |
| A9070                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,057,703,321.52 | 03/19/15                                 |
| A0971                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,057,709,139.97 | 03/20/15                                 |
| A0972                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,063,281,352.97 | 04/01/15                                 |
| A0973                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,063,376,657.77 | 04/02/15                                 |
| A0974                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,063,473,745.15 | 04/06/15                                 |
| A0975                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,063,673,745.15 | 04/07/15                                 |
| A0976                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,063,866,372.30 | 04/08/15                                 |
| A0977                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,064,837,246.09 | 04/08/15                                 |
| A0978                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,064,835,066.97 | 04/10/15                                 |
| A0979                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,064,831,022.45 | 04/13/15                                 |

| Modification<br>Reference | Туре    | Description of Modification<br>Prime Contract No. DE-AC36-08GO28308   | Date Signed by<br>Contracting<br>Officer |
|---------------------------|---------|---|--|
| A0980                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,064,830,920.88                               | 04/13/15                                 |
| A0981                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,064,828,710.41                               | 04/13/15                                 |
| A0982                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,064,812,331.83                               | 04/16/15                                 |
| A0983                     | Funding | <ul> <li>I.140 970.5232-4 Obligation of Funds is revised to<br/>reflect the amount presently obligated by the<br/>Government with respect to this contract as being<br/>\$3,064,809,628.02</li> </ul> | 04/17/15                                 |
| A0984                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,064,808,003.28                               | 04/17/15                                 |
| A0985                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,064,767,662.90                               | 04/17/15                                 |
| A0986                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,098,705,560.94                               | 04/21/15                                 |
| A0987                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,098,897,702.69                               | 04/22/15                                 |
| A0988                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,098,946,093.95                               | 04/22/15                                 |
| A0989                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,099,249,006.57                               | 04/22/15                                 |
| A0990                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,097,538,362.63                               | 05/05/15                                 |

| Modification<br>Reference | Туре    | Description of Modification<br>Prime Contract No. DE-AC36-08GO28308   | Date Signed by<br>Contracting<br>Officer |
|---------------------------|---------|---|--|
| A0991                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,108,528,789.11 | 05/06/15                                 |
| A0992                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,109,039,294.75 | 05/07/15                                 |
| A0993                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,109,080,556.89 | 05/07/15                                 |
| A0994                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,109,527,182.13 | 05/08/15                                 |
| A0995                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,109,611,742.13 | 05/14/15                                 |
| A0996                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,109,700,977.32 | 05/14/15                                 |
| A0997                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,109,772,727.72 | 05/19/15                                 |
| A0998                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,109,806,618.98 | 05/19/15                                 |
| A0999                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,110,000,793.74 | 05/20/15                                 |
| A1000                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,110,222,561.73 | 05/20/15                                 |
| A1001                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,141,606,146.95 | 06/03/15                                 |

| Modification<br>Reference | Туре    | Description of Modification<br>Prime Contract No. DE-AC36-08GO28308   | Date Signed by<br>Contracting<br>Officer |
|---------------------------|---------|---|--|
| A1102                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,145,442,713.72                               | 06/04/15                                 |
| A1003                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,145,462,131.20                               | 06/04/15                                 |
| A1004                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,145,607,762.27                               | 06/04/15                                 |
| A1005                     | Funding | <ul> <li>I.140 970.5232-4 Obligation of Funds is revised to<br/>reflect the amount presently obligated by the<br/>Government with respect to this contract as being<br/>\$3,145,724,267.12</li> </ul> | 06/04/15                                 |
| A1006                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,147,985,274.12                               | 06/10/15                                 |
| A1007                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,149,350,370.76                               | 6/10/15                                  |
| A1008                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,149,561,327.07                               | 06/11/15                                 |
| A1009                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,149,558,793.11                               | 06/12/15                                 |
| A1010                     | Funding | <ul> <li>I.140 970.5232-4 Obligation of Funds is revised to<br/>reflect the amount presently obligated by the<br/>Government with respect to this contract as being<br/>\$3,149,536,162.23</li> </ul> | 06/15/15                                 |
| A1011                     | Funding | <ul> <li>I.140 970.5232-4 Obligation of Funds is revised to<br/>reflect the amount presently obligated by the<br/>Government with respect to this contract as being<br/>\$3,149,527,946.82</li> </ul> | 06/15/15                                 |
| A1012                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to<br>reflect the amount presently obligated by the<br>Government with respect to this contract as being<br>\$3,149,514,052.54                      | 06/15/15                                 |

| Modification<br>Reference | Туре    | Description of Modification<br>Prime Contract No. DE-AC36-08GO28308  | Date Signed by<br>Contracting<br>Officer |
|---------------------------|---------|--|--|
| A1013                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,149,514,014.58  | 06/15/15                                 |
| A1014                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,149,499,641.10  | 06/15/15                                 |
| A1015                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,149,494,405.26  | 06/15/15                                 |
| A1016                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,149,494,275.79  | 06/15/15                                 |
| A1017                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,149.491,313.66  | 06/16/15                                 |
| A1018                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,149,378,736.65  | 06/16/15                                 |
| A1019                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,149,374,311.03. | 06/16/15                                 |
| A1020                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,149,367,525,40. | 06/16/15                                 |
| A1021                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,149,365,909.83. | 06/16/15                                 |
| A1022                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,149,365,228.74. | 06/17/15                                 |
| A1023                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,149,362,016.11. | 06/17/15                                 |

| Modification<br>Reference | Туре    | Description of Modification<br>Prime Contract No. DE-AC36-08GO28308  | Date Signed by<br>Contracting<br>Officer |
|---------------------------|---------|--|--|
| A1024                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,149,360,788.92. | 06/17/15                                 |
| A1025                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,149,338,677.58. | 06/17/15                                 |
| A1026                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,149,336,376.07. | 06/07/15                                 |
| A1027                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,149,334,437.56. | 06/17/15                                 |
| A1028                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,149,333,936.01. | 06/17/15                                 |
| A1029                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,149,423,568.51. | 06/18/15                                 |
| A1030                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,150,006,092.78. | 06/19/15                                 |
| A1031                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,150,140,558.80. | 06/19/15                                 |
| A1032                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,149,938,225.56. | 06/22/15                                 |

### PRIME CONTRACT MODIFICATION INDEX

#### Fiscal Year 2015

| Modification<br>Reference | Туре                  | Description of Modification<br>Prime Contract No. DE-AC36-08GO28308   | Date Signed by<br>Contracting<br>Officer |
|---------------------------|-----------------------|---|--|
| M1033                     | <b>Administrative</b> | <ul> <li>Deleted and Replaced:</li> <li>Section J, Attachment B, Key Personnel, is hereby deleted and replaced to update the Deputy Laboratory Director/COO.</li> <li>Clause I.111 – 970.5204-3 – Access to and Ownership of Records (JUL 2005) is hereby deleted from Part II, Section I, Contract Clauses, and is replaced in Part II, Section I, Clauses with I.111 – 970.5204-3 – Access to and Ownership of Records (OCT 2014) (DEVIATION).</li> </ul> | 07/06/15                                 |
|                           |                       | <ul> <li>Added:</li> <li>Clause I.161 – 52.203-17 – Contractor Employee<br/>Whistleblower Rights and Requirement To Inform<br/>Employees of Whistleblower Rights (Apr 2014), is<br/>hereby added to Part II, Section I, Contract Clauses.</li> <li>Incorporates by reference:</li> </ul>  |  |
|                           |                       | • Section J, Attachment J, FY 2015 Performance<br>Evaluation And Measurement Plan dated February<br>13, 2015 Rev 3, is hereby deleted and the FY 2015<br>Performance Evaluation And Measurement Plan<br>dated May 11, 2015, Rev 4, is hereby incorporated<br>into this contract by reference.   |  |
|                           |                       | Section J, Attachment F, Operating and<br>Administrative Requirements (List B) is deleted and<br>replaced as follows to reflect one deletion:<br>Deleted DOE O 412.1 CRD CRD<br>Work Authorization System applicable in<br>whole  |  |
| A1034                     | Funding               | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,157,456,947.28   | 07/07/15                                 |
| A1035                     | Funding               | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,157,456,794.24   | 07/08/15                                 |
| A1036                     | Funding               | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,157,456,478.04   | 07/09/15                                 |

| Modification<br>Reference | Туре                                   | Description of Modification<br>Prime Contract No. DE-AC36-08GO28308   | Date Signed by<br>Contracting<br>Officer |
|---------------------------|--|---|--|
| A1037                     | Funding                                | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,157,453,990.00                               | 07/09/15                                 |
| A1038                     | Funding                                | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,157,451,993.31                               | 07/09/15                                 |
| A1039                     | Funding                                | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,157,451,612.57                               | 07/09/15                                 |
| A1040                     | Funding                                | <ul> <li>I.140 970.5232-4 Obligation of Funds is revised to<br/>reflect the amount presently obligated by the<br/>Government with respect to this contract as being<br/>\$3,157,732,000.92</li> </ul> | 07/15/15                                 |
| A1041                     | Funding<br>(Correction to<br>Mod 1040) | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,157,732,000.92                               | 07/16/15                                 |
| A1042                     | Funding                                | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,158,693,826.83                               | 07/16/15                                 |
| A1043                     | Funding                                | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,158,718,098.67                               | 07/16/15                                 |
| A1044                     | Funding                                | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,158,756,933.62                               | 07/16/15                                 |
| A1045                     | Funding                                | <ul> <li>I.140 970.5232-4 Obligation of Funds is revised to<br/>reflect the amount presently obligated by the<br/>Government with respect to this contract as being<br/>\$3,159,006,933.62</li> </ul> | 07/17/15                                 |
| A1046                     | Funding                                | • I.140 970.5232-4 Obligation of Funds is revised to<br>reflect the amount presently obligated by the<br>Government with respect to this contract as being<br>\$3,159,380,629.59                      | 07/22/15                                 |
| A1047                     | Funding                                | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,159,477,716.97                               | 07/22/15                                 |

| Modification<br>Reference | Туре    | Description of Modification<br>Prime Contract No. DE-AC36-08GO28308  | Date Signed by<br>Contracting<br>Officer |
|---------------------------|---------|--|--|
| A1048                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,159,497,983.69  | 07/23/15                                 |
| A1049                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,159,506,721.55  | 08/05/15                                 |
| A1050                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,159, 642,643.88 | 08/06/15                                 |
| A1051                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,194,980,671.52  | 08/07/15                                 |
| A1052                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,195,420,850.02  | 08/12/15                                 |
| A1053                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,195,519,879.15  | 08/13/15                                 |
| A1054                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,195,616,761.67  | 08/13/15                                 |
| A1055                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,195,705,676.23  | 08/13/15                                 |
| A1056                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,195,705,676.23  | 08/18/15                                 |
| A1057                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,204,243,798.98  | 08/20/15                                 |
| A1058                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,205,214,672.77  | 08/21/15                                 |

| Modification<br>Reference | Туре    | Description of Modification<br>Prime Contract No. DE-AC36-08GO28308  | Date Signed by<br>Contracting<br>Officer |
|---------------------------|---------|--|--|
| A1059                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,205,311,545.59          | 08/21/15                                 |
| A1060                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,206,282,419.38          | 08/21/15                                 |
| A1061                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,206,573,681.52          | 08/21/15                                 |
| A1062                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,213,885,746.84          | 09/04/15                                 |
| A1063                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,213,982,834.22          | 09/05/15                                 |
| A1064                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,215,904,193.44          | 09/05/15                                 |
| A1065                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,217,020,698.29          | 09/05/15                                 |
| A1066                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to<br>reflect the amount presently obligated by the<br>Government with respect to this contract as being<br>\$3,217,106,852.66 | 09/05/15                                 |
| A1067                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,217,301,998.29          | 09/05/15                                 |
| A1068                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,217,309,279.84          | 09/05/15                                 |
| A1069                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,217,382,095.37          | 09/05/15                                 |

| Modification<br>Reference | Туре    | Description of Modification<br>Prime Contract No. DE-AC36-08GO28308   | Date Signed by<br>Contracting<br>Officer |
|---------------------------|---------|---|--|
| A1070                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,217,514,669.16 | 09/05/15                                 |
| A1071                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,217,602,047.80 | 09/06/15                                 |
| A1072                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,217,877,047.80 | 09/06/15                                 |
| A1073                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,217,582,029.76 | 09/08/15                                 |
| A1074                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,217,776,204.52 | 09/11/15                                 |
| A1075                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,217,824,748.21 | 09/13/15                                 |
| A1076                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,217,921,835.59 | 09/13/15                                 |
| A1077                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,217,960,670.54 | 09/13/15                                 |
| A1078                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,218,446,107.43 | 09/13/15                                 |
| A1079                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,219,110,076.36 | 09/13/15                                 |
| A1080                     | Funding | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,219,124,639.47 | 09/14/15                                 |

| Modification<br>Reference | Туре                  | Description of Modification<br>Prime Contract No. DE-AC36-08GO28308   | Date Signed by<br>Contracting<br>Officer |
|---------------------------|-----------------------|---|--|
| A1081                     | Funding               | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,219,998,425.88 | 09/14/15                                 |
| A1082                     | Funding               | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,220,027,552.09 | 09/14/15                                 |
| A1083                     | Funding               | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,256,769,504.32 | 09/18/15                                 |
| A1084                     | Funding               | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,261,680,067.72 | 09/21/15                                 |
| A1085                     | Funding               | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,261,757,737.62 | 09/22/15                                 |
| A1086                     | Funding               | • I.140 970.5232-4 Obligation of Funds is revised to reflect the amount presently obligated by the Government with respect to this contract as being \$3,261,751,078.29 | 09/23/15                                 |
| M1087                     | <u>Administrative</u> | Added:<br>Clause H.45, Conference Management, is<br>incorporated into Part I, Section H, Special<br>Contract Requirements.  | 09/30/15                                 |