Fiscal Year 2012

Modification Reference	Туре	Description of Modification Prime Contract No. DE-AC36-08GO28308	Date Signed by Contracting Officer
A435	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 \$1,842,021,617.16.	10/14/11
A436	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 \$1,842,738,244.37.	10/24/11
A437	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 \$1,855,527,237.90.	10/25/11
A438	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 \$1,855,833,369.29.	10/27/11
A439	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 \$1,856,309,355.29.	10/28/11
A440	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 \$1,856,612,587.03.	11/03/11
A441	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 \$1,857,589,206.04.	11/03/11
A442	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 \$1,858,378,368.07.	11/09/11
A443	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 \$1,858,820,123.93. 	11/16/11
A444	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 \$1,858,836,449.17.	11/17/11
A445	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 \$1,860,177,342.48.	11/17/11

Fiscal Year 2012

Modification Reference	Туре	Description of Modification Prime Contract No. DE-AC36-08GO28308	Date Signed by Contracting Officer
A446	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 \$1,863,308,410.44.	11/23/11
A447	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 \$1,863,394,949.40.	11/23/11
A448	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 \$1,863,362,755.40.	11/23/11
A449	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 \$1,872,575,732.84.	11/29/11
A450	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 \$1,872,875,732.84.	12/02/11
A451	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 \$1,873,161,792.55. Showing incorrectly in FedConnect 12/2/11; Fixed 12/5/11 	12/02/11
M452	Administrative	Add: • H.41 Contractor's Obligations Regarding Data Furnished by Grantees Under DOE Funding Opportunity Announcement DE-FOA-0000058. Delete and replaced: • Section J, Attachment F-Operating and Administrative Requirements (List B). Deleted DOE O 110.3A CRD Conference Management Approved: 01/25/07 CRD whole Deleted DOE O 241.1A CRD Scientific and Technical Information Management Approved: 04/09/01 CRD applicable in whole Added DOE O 241.1B CRD Scientific and Technical Information Management Approved: 04/09/01 CRD applicable in whole	12/06/11

Fiscal Year 2012

ModificationTypeReference		-	on of Modification ntract No. <mark>DE-AC36-08GO</mark> 2	28308	Date Signed by Contracting Officer
		Added	DOE O 442.2 CRD Differing Professional Opinions for Technical Issues Involving Environmental, Safety, and Health Technical Concerns Approved: 07/29/11	CRD applicable in whole	
		Added	DOE O 456.1 CRD The Safe Handling of Unbound Engineered Nanoparticles Approved: 05/31/11	CRD applicable in part	
		Deleted	DOE N 456.1 CRD The Safe Handling of Unbound Engineered Nanoparticles Approved: 01/05/09	CRD applicable in part	
		Added	DOE O 458.1 Chg 2 Radiation Protection of the Public and the Environment Approved: 06/06/11	CRD applicable in part	
		Deleted	DOE M 470.4-1 CRD Change 2 Safeguards and Security Program Planning and Management Approved: 08/26/05 Change 1: 10/20/10	CRD applicable in part	
		Added	DOE O 470.4B CRD Safeguards and Security Program Approved: 07/21/11	CRD applicable in part	
		Deleted	DOE M 470.4-5 CRD Personnel Security Approved: 08/26/05	CRD applicable in part	
		Added	DOE O 472.2 CRD Personnel Security Approved: 07/21/11	CRD applicable in part	
		Performan	te by reference Section J. At ce Evaluation and Measurem s submitted by the Alliance of	ent Plan	
		Commercia	te by reference Section J, At alization Plan (FY12 as subm n September 1, 2011)		

Fiscal Year 2012

Modification Reference	Туре	Description of Modification Prime Contract No. DE-AC36-08GO28308	Date Signed by Contracting Officer
		Incorporate by reference Section J, Attachment P, Five Year Strategic Plan (FY2012 as submitted by the Alliance on September 1, 2011)	
A453	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 \$1,873,739,253.97.	12/07/11
A454	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 \$1,873,724,437.71.	12/13/11
A455	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 \$1,873,798,179.62.	12/13/11
A456	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 \$1,873,745,393.70.	12/13/11
A457	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 \$1,874,495,393.70.	12/13/11
A458	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 \$1,874,508,852.92.	12/16/11
A459	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 \$1,875,058,630.45.	12/20/11
A460	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 \$1,875,098,630.45.	12/21/11
A461	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 \$1,876,313,758.93.	01/12/12
A462	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 \$1,877,472,908.11.	01/13/12

Fiscal Year 2012

Modification ReferenceTypeA463Funding		Description of Modification Prime Contract No. DE-AC36-08GO28308	Date Signed by Contracting Officer
		• 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 \$1,877,945,054.99.	01/19/12
A464	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 \$1,901,978,143.49.	01/19/12
A465	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 \$1,902,095,621.20.	01/24/12
A466	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 \$1,902,286,392.62.	02/08/12
A467	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 \$1,902,586,392.62.	02/08/12
A468	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 \$1,903,900,603.82.	02/09/12
A469	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 \$1,903,967,332,78.	02/13/12
A470	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 \$1,904,477,041.52.	02/14/12
A471	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 \$1,904,622,672.59.	02/14/12
A472	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 \$1,905,917,819.48.	02/14/12
A473	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 \$1,906,067,374.28.	02/21/12

Fiscal Year 2012

Modification Reference	Туре	Description of Modification Prime Contract No. DE-AC36-08GO28308	Date Signed by Contracting Officer
A474	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 \$1,906,064,349.78.	02/23/12
A475	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 \$1,906,455,346.67.	02/24/12
A476	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 \$1,954,802,767.09.	02/24/12
A477	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 \$1,954,217,988.04.	03/14/12
A478	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 \$1,955,005,217.76.	03/15/12
A479	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 \$1,955,751,724.41. Missing in FedConnect 3/26/12; Restored 3/27/12 	03/23/12
A480	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 \$1,971,680,638.56. 	03/23/12
M481	Administrative	 Add Clause H.42, Non-Federal Agreement for Commercializing Technology (Pilot) Delete and replace Section J, Attachment A, Appendix A, Personnel, Delete and replace Section J, Attachment C, Small Business Subcontracting Plan FY2012 Delete and replace Section J, Attachment F, Operating and Administrative Requirements (List B) 	03/27/12

Fiscal Year 2012

Modification Reference	Туре	Description Prime Cont	Date Signed by Contracting Officer		
		Added	DOE O 227.1 CRD Independent Oversight Program Approved: 08/30/11	CRD applicable in whole	
		Deleted	DOE M 231.1-2 CRD Occurrence Reporting and Processing of Operations Information Approved: 08/19/03	CRD applicable in whole	
		Added	DOE O 232.2 CRD Occurrence Reporting and Processing of Operations Information Approved: 08/30/11	CRD applicable in whole	
		Deleted	DOE O 470.2B CRD Independent Oversight and Performance Assurance Program Approved: 10/31/02	CRD applicable in whole	
A482	Funding	reflect th Governm	0.5232-4 Obligation of Funds ne amount presently obligated nent with respect to this contra 147,899.65.	by the	03/28/12
A483	Funding	• I.140 97 reflect th Governm	0.5232-4 Obligation of Funds ne amount presently obligated nent with respect to this contra 48,544.88.	by the	03/29/12
A484	Funding	reflect th Governm \$1,975,4	0.5232-4 Obligation of Funds ne amount presently obligated nent with respect to this contra 32,320.53. in FedConnect 5/30/12; Resto	by the act as being	04/05/12
A485	Funding	• I.140 97 reflect th Governm	0.5232-4 Obligation of Funds ne amount presently obligated nent with respect to this contra 32,319.78.	is revised to by the	04/05/12
A486	Funding	• I.140 97 reflect th Governm	0.5232-4 Obligation of Funds ne amount presently obligated nent with respect to this contra 072,131.48.	by the	04/09/12
A487	Funding	• I.140 97 reflect th Governm	0.5232-4 Obligation of Funds he amount presently obligated ment with respect to this contra 526,453.52.	by the	04/10/12

Fiscal Year 2012

Modification Reference	Туре	Description of Modification Prime Contract No. DE-AC36-08GO28308	Date Signed by Contracting Officer
A488	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 \$2,075,542,327.31.	04/10/12
A489	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 \$2,075,596,210.81.	04/10/12
A490	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 \$2,075,798,257.26. Missing in FedConnect 5/30/12; Restored 5/31/12 	04/11/12
A491	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 \$2,075,757,466.69. 	04/11/12
A492	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 \$2,075,757,476.69.	04/11/12
A493	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 \$2,075,728,350.48.	04/12/12
A494	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 \$2,075,728,125.75.	04/12/12
A495	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 \$2,082,165,348.13.	04/16/12
A496	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 \$2,082,165,245.77.	04/17/12
A497	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 \$2,082,164,498.98.	04/17/12

PRIME CONTRACT MODIFICATION INDEX Fiscal Year 2012

Modification Reference	Туре	Description of Modification Prime Contract No. DE-AC36-08GO28308	Date Signed by Contracting Officer
A498	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 \$2,082,164,407.06.	04/17/12
A499	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 \$2,082,136,749.11. 	04/17/12
A500	Funding	 Missing in FedConnect 5/30/12; Restored 5/31/12 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 \$2,082,119,195.61. 	04/17/12
A501	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 \$2,082,396,053.35.	04/23/12
A502	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 \$2,082,454,305.78.	04/23/12
A503	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 \$2,082,599,936.85.	04/23/12
A504	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 \$2,082,519,765.86.	04/23/12
A505	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 \$2,082,519,630.57.	04/24/12
A506	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 \$2,082,819,630.57.	04/24/12
A507	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 \$2,083,066,249.49.	04/25/12

Fiscal Year 2012

Modification Reference	Туре		of Modification tract No. <mark>DE-AC36-08GO</mark> 2	28308	Date Signed by Contracting Officer
A508	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 \$2,082,993,070.62.			04/25/12
A509	Funding	• I.140 97 reflect t Governm	70.5232-4 Obligation of Fun he amount presently obligat ment with respect to this con 987,626.99.	ed by the	04/25/12
M510	Administrative	Delete and Identity Ver Delete and Personnel	05/02/12		
			replace Section J, Attachmo strative Requirements (List DOE O 551.1B CRD Official Foreign Travel Approved: 08/19/03 DOE O DOE O 551.1C CRD Official Foreign Travel		
		Missing in I	Approved: 06/24/08 FedConnect 5/30/12; Restor		
A511	Funding	reflect t Governi	70.5232-4 Obligation of Fun he amount presently obligat ment with respect to this con 180,977.06.	ed by the	05/03/12
A512	Funding	• I.140 97 reflect t Govern			
A513	Funding	• I.140 97 reflect t Governm	• 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		
A514	Funding	• I.140 97 reflect t Governm	 \$2,084,547,477.06. 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 \$2,085,083,385.06. 		
A515	Funding	• I.140 97 reflect t Governm	70.5232-4 Obligation of Fun he amount presently obligat ment with respect to this con 816,750.88.	ed by the	05/10/12

Fiscal Year 2012

Modification Type Reference		V A A	
A516	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 \$2,086,504,653.82.	05/17/12
A517	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 \$2,093,020,880.06.	05/17/12
A518	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 \$2,093,506,316.95. Missing in FedConnect 5/20/12; Restored 5/22/12 	05/21/12
A519	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 \$2,085,816,750.88. 	05/21/12
A520	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 \$-0- (Correction for Modification 519).	05/23/12
A521	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 \$2,073,928,121.80.	05/24/12
A522	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 \$2,074,037,923.47.	05/24/12
A523	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 \$2,073,992,821.32.	05/24/12
A524	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 \$2,073,950,371.17.	05/25/12
A525	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 \$2,073,998,914.86.	05/30/12
A526	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	05/30/12

Fiscal Year 2012

Modification Reference	Туре	Description of Modification Prime Contract No. DE-AC36-08GO28308	Date Signed by Contracting Officer
		\$2,074,027,070.20. Missing in FedConnect 5/30/12; Restored 5/31/12	
M527	Administrative	Delete and replace Section J, Appendix A, Section 11. Travel and Relocation (subject to a subsequent modification)	06/01/12
A528	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 \$2,074,783,833.76.	06/07/12
A529	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 \$2,074,847,617.31.	06/14/12
A530	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 \$2,077,351,967.46.	06/15/12
A531	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 \$2,077,594,561.11.	06/20/12
A532	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 \$2,077,788.735.87.	06/20/12
A533	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 \$2,078,371,260.14.	06/20/12
A534	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 \$-0- (Reallocating Funding from Government Provided Property (GPP) to Equipment).	06/20/12
A535	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 \$2,078,649,455.29.	06/22/12
A536	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 \$2,078,949.455.29.	06/22/12

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Modification ReferenceTypeA537Funding		Description of Modification Prime Contract No. DE-AC36-08GO28308	Date Signed by Contracting Officer	
		• 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 \$2,079,868,138.79.	06/22/12	
A538	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 \$2,079,941,511.61.	06/22/12	
A539	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 \$2,080,111,414,52.	06/22/12	
A540	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 \$2,080,006,414.52.	06/28/12	
A541	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 \$2,079,988,839.84.	06/28/12	
A542	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 \$2,080,022,529.16.	06/28/12	
A543	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 \$2,080,260,276.28. 	06/28/12	
A544	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 \$2,080,468,520.00.	07/13/12	
A545	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 \$2,117,050,054.04.	07/18/12	
A546	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 \$2,117,275,651.12.	07/19/12	
A547	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 \$2,117,436,354.03.	07/19/12	

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Modification Reference	Туре	Description of Modification Prime Contract No. DE-AC36-08GO28308			Date Signed by Contracting Officer	
A548	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 \$2,117,620,140.14.			07/24/12	
M549	Administrative	Delete an Section I • Claus Comp (Feb 2) Section J • Attack • Trave chang • Attack • Deleted Deleted Added Added • Attack • Added	d Replace: e I.16, 52.204-10 Reporting E bensation and First-Tier Suber 2012) hment A, Appendix A, Perso l and Relocation (format and es only) hment B, Key Personnel hment E, Applicable Laws and A) hment F, Operating and Adm rements (List B) DOE O 243.1 CRD Records Management Program DOE O 551.1C CRD Official Foreign Travel DOE O 580.1 CRD Department of Energy Personal Property Management DOE O 243.1A CRD Records Management Program DOE O 551.1D CRD Official Foreign Travel DOE O 580.1 A CRD Records Management Program DOE O 580.1A CRD Department of Energy Personal Property Management DOE O 580.1A CRD Department of Energy Personal Property Management	ontract Awards nnel, Section 11 grammar d Regulations inistrative CRD applicable in whole CRD applicable in whole	07/26/12	

Fiscal Year 2012

Modification Reference	Туре	Description of Modification Prime Contract No. DE-AC36-08GO28308	Date Signed by Contracting Officer	
		• Attachment J, Performance Evaluation and Measurement Plan (PEMP), dated July 5, 2012		
		Attachment K, NREL's Diversity Plan CY2012		
A550	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 \$2,117,946,353.73.	08/06/12	
A551	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 \$2,118,048,295.48.	08/07/12	
A552	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 \$2,120,105,808.10.	08/07/12	
A553	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 \$2,123,822,977.81.	08/07/12	
A554	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 \$2,123,875,404.99. 	08/10/12	
A555	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 \$2,123,881,230.23. 	08/10/12	
A556	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 \$2,123,997,735.08.	08/10/12	
A557	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 \$2,124,094,816,63. 	08/10/12	
A558	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 \$2,124,240,277.80. Missing in FedConnect 8-13-12; Restored 8-14-12 	08/10/12	

Fiscal Year 2012

Modification ReferenceTypeA559Funding		Description of Modification Prime Contract No. DE-AC36-08GO28308	Date Signed by Contracting Officer	
		• 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 \$2,124,269,404.01.	08/13/12	
A560	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 \$2,124,505,802.79.	08/14/12	
A561	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 \$2,124,699,977.55.	08/16/12	
A562	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 \$2,125,304,371.55.	08/17/12	
A563	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 \$2,152,290,148.55.	08/17/12	
A564	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 \$2,152,873,345.47.	08/24/12	
A565	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 \$2,152,869,359.43.	08/24/12	
A566	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 \$2,152,869,359.43 (reallocates funding \$-0-).	08/24/12	
A567	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 \$2,153,160,621.57.	08/30/12	
A568	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 \$2,153,338,686.29.	08/30/12	
A569	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 \$2,153,632,977.19.	09/05/12	

Fiscal Year 2012

Modification Reference	Туре	Description Prime Con	Date Signed by Contracting Officer		
A570	Funding	• I.140 97 reflect t Govern \$2,154,	09/05/12		
A571	Funding	• I.140 97 reflect t Govern \$2,154,	09/05/12		
A572	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 \$2,154,529,329.62. 			09/05/12
A573	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 \$2,155,500,203.41.			09/05/12
			J, Attachment F, Operatin strative Requirements (Lis DOE M 231.1-1A CRD Change 2 Environment, Safety, and Health Reporting Manual Approved: 03/19/04 Change 2: 06/12/07		
		Added	Change 2: 06/12/07 DOE O 231.1B CRD Environment, Safety and Health Reporting Approved: 06/27/11 DOE O 430.2A CRD	CRD applicable in whole CRD applicable	
		Deleted	Departmental Energy and Utilities Management Approved: 04/15/02 DOE O 450.1A CRD	in whole CRD applicable	
		Section	Environmental Protection Program Approved: 06/04/08 J, Delete Attachment J, Po	in whole	
		Evaluat July 5, 2 J, Perfo	tion and Measurement Plan 2012, and replace with Sec formance Evaluation and M aly 27, 2012	n (PEMP), dated ction J, Attachment	
A575	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 \$2,155,537,096.61.			09/11/12

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Modification Type Reference		Description of Modification Prime Contract No. DE-AC36-08GO28308	Date Signed by Contracting Officer	
A576	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 \$2,155,684,743.91.	09/11/12	
A577	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 \$2,156,084,743.91.	09/11/12	
A578	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 \$2,156,244,938.09.	09/12/12	
A579	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 \$2,156,317,753.62.	09/12/12	
A580	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 \$2,156,581,345.85.	09/12/12	
A581	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 \$2,156,659,015.75.	09/12/12	
A582	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 \$2,156,863,571.58.	09/13/12	
A583	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 \$2,156,871,338.57.	09/13/12	
A584	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 \$2,157,066,387.12.	09/13/12	
A585	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 \$2,157,166,387.12.	09/14/12	
A586	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 \$2,174,893,497.21.	09/14/12	

Fiscal Year 2012

Modification Type Reference		Description of Modification Prime Contract No. DE-AC36-08GO28308	Date Signed by Contracting Officer	
A587	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 \$2,176,274,079.73.	09/18/12	
		Missing in FedConnect 9/18/12; Restored 9/21/12		
A588	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 \$2,176,812,914.68.	09/19/12	
A589	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 \$2,176,910,002.06.	09/19/12	
A590	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 \$2,177,060,002.06.	09/19/12	
A591	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 \$2,177,419,353.16. Missing in FedConnect 9/20/12; Restored 9/20/12 	09/20/12	
A592	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 \$2,177,642,654.13. 	09/20/12	
A593	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 \$2,178,632,654.13. 	09/20/12	
A594	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 \$2,181,059,370.64.	09/25/12	
A595	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 \$2,182,224,419.18.	09/25/12	
A596	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 \$2,182,313,555.10.	09/26/12	

Fiscal Year 2012

Modification Reference	Туре	Description of Modification Prime Contract No. DE-AC36-08GO28308	Date Signed by Contracting Officer
		Missing in FedConnect 9/26/12	
A597	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 \$2,182,944,623.06.	09/26/12
A598	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 \$2,183,244,623.06.	09/26/12
M599	Administrative	 Delete and replace Section J, Attachment E, Applicable Laws and Regulations, (List A) Modification 574 SF 30 FY2012 Performance Evaluation and Measurement Plan date is corrected from July 25, 2012 to July 27, 2012 Incorporate Section J, Attachment J, FY2013 Performance Evaluation and Measurement Plan dated September 1, 2012 Incorporate Section J, Attachment O, FY2013 Commercialization Plan dated September 1, 2012 Incorporate Section J, Attachment P, FY2013 Five- Year Plan dated September 1, 2012 Incorporate Section J, Attachment P, FY2013 Five- Year Plan dated September 1, 2012 By bilateral signature, the Parties agree to continue good faith negotiations of a final FY2013 Five-Year Plan and FY2013 Annual Plan and Performance Evaluation and Measurement Plan. The final planning documents will be incorporated upon completion of these negotiations. Administrative Modification 599 Table of Contents only was corrected for Section I. <u>Section I content</u> had no changes and remains Administrative <u>Modification 549</u>. 	09/27/12