AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAG	PAGE OF PAGES	
2. AMENDMENT/MODIFICATION		3. EFFECTIVE DATE	Δ	REQUISITION/PURCHASE REQ. NO.	5 PROJEC	1 2 CT NO. (If applicable)	
1400		See Block 16C		4EE000276			
1400 6. ISSUED BY	CODE	892434		ADMINISTERED BY (If other than Item 6)	CODE ()	3601	
Golden Field Office U.S. Department of Energy 15013 Denver West Parkway Golden CO 80401			U G 1	Golden Field Office U.S. Department of Energy Golden Field Office 15013 Denver West Parkway Golden CO 80401			
8. NAME AND ADDRESS OF CON	TRACTOR (No., street	, county, State and ZIP Code)	(x)				
ALLIANCE FOR SUSTAINABLE ENERGY LLC Attn: Mark Peters, Ph.d. PO BOX 4011 Mailstop RSF-053				9B. DATED (SEE ITEM 11)	ER NO.		
Golden CO 80402401	Ţ			DE-AC36-08G028308			
CODE		FACILITY CODE					
				07/29/2008			
See Schedule			000000000		DE00015		
12. ACCOUNTING AND APPROPR See Schedule 13. THIS ITEM C CHECK ONE A. THIS CHANGE C ORDER NO. IN I	ONLY APPLIES TO M ORDER IS ISSUED F ITEM 10A.	PURSUANT TO: (Specify author	ity) THE CH	IT MODIFIES THE CONTRACT/ORDER NO. AS IANGES SET FORTH IN ITEM 14 ARE MADE E ADMINISTRATIVE CHANGES (such as chan RITY OF FAR 43.103(b).	IN THE CONTRA	ACT	
12. ACCOUNTING AND APPROPR See Schedule 13. THIS ITEM C CHECK ONE A. THIS CHANGE C ORDER NO. IN I B. THE ABOVE NU appropriation dat	ORDER IS ISSUED F ORDER IS ISSUED F ITEM 10A. IMBERED CONTRAC <i>ta, etc.)</i> SET FORTH	PURSUANT TO: (Specify author	ity) THE CH EFLECT THE HE AUTHOP	IANGES SET FORTH IN ITEM 14 ARE MADE E ADMINISTRATIVE CHANGES (such as chan RITY OF FAR 43.103(b).	IN THE CONTRA	ACT	
12. ACCOUNTING AND APPROPR See Schedule 13. THIS ITEM C CHECK ONE A. THIS CHANGE C ORDER NO. IN I B. THE ABOVE NU appropriation dat C. THIS SUPPLEM	ORDER IS ISSUED F ORDER IS ISSUED F ITEM 10A. IMBERED CONTRAC <i>ta, etc.)</i> SET FORTH	PURSUANT TO: (Specify author CT/ORDER IS MODIFIED TO RI HIN ITEM 14, PURSUANT TO T T IS ENTERED INTO PURSUAI	ity) THE CH EFLECT THE HE AUTHOP	IANGES SET FORTH IN ITEM 14 ARE MADE E ADMINISTRATIVE CHANGES (such as chan RITY OF FAR 43.103(b).	IN THE CONTRA	ACT	
12. ACCOUNTING AND APPROPR See Schedule 13. THIS ITEM C CHECK ONE A. THIS CHANGE C ORDER NO. IN I B. THE ABOVE NU appropriation dat C. THIS SUPPLEM D. OTHER (Specify	ONLY APPLIES TO M ORDER IS ISSUED F ITEM 10A. IMBERED CONTRAC ta, etc.) SET FORTH IENTAL AGREEMEN	PURSUANT TO: (Specify author CT/ORDER IS MODIFIED TO RI HIN ITEM 14, PURSUANT TO T T IS ENTERED INTO PURSUAI	ity) THE CH EFLECT THE HE AUTHOF	ANGES SET FORTH IN ITEM 14 ARE MADE E ADMINISTRATIVE CHANGES (such as chan RITY OF FAR 43.103(b). HORITY OF:	IN THE CONTRA	ACT	
12. ACCOUNTING AND APPROPR See Schedule 13. THIS ITEM C CHECK ONE A. THIS CHANGE C ORDER NO. IN I B. THE ABOVE NU appropriation dat C. THIS SUPPLEM D. OTHER (Specify X Clause I.1 E. IMPORTANT: Contractor	ONLY APPLIES TO M ORDER IS ISSUED F ITEM 10A. IMBERED CONTRAC <i>ta, etc.</i> ) SET FORTH IENTAL AGREEMEN V type of modification 149 970.524	PURSUANT TO: (Specify author CT/ORDER IS MODIFIED TO RI HIN ITEM 14, PURSUANT TO T T IS ENTERED INTO PURSUAI and authority) (3-1, Changes (De X is required to sign this docu	ity) THE CH EFLECT THE HE AUTHOF NT TO AUTH ⊇C. 200 Imment and re	IANGES SET FORTH IN ITEM 14 ARE MADE E ADMINISTRATIVE CHANGES (such as chan RITY OF FAR 43.103(b). HORITY OF: 00) turm1 copies to the is	IN THE CONTRA ges in paying offi ges in paying office.	ACT	
12. ACCOUNTING AND APPROPR See Schedule 13. THIS ITEM C CHECK ONE A. THIS CHANGE C ORDER NO. IN I B. THE ABOVE NU appropriation dat C. THIS SUPPLEM C. THIS SUPPLEM D. OTHER (Specify X Clause I.1 E. IMPORTANT: Contractor 14. DESCRIPTION OF AMENDMEI UEI: DVGLNXBURMP3 Administrative Mod Number DE-AC36-08G Requirements (List	DNLY APPLIES TO M ORDER IS ISSUED F ITEM 10A. UMBERED CONTRAC <i>ta, etc.</i> ) SET FORTH IENTAL AGREEMEN ( <i>type of modification</i> 149 970.524 Dis not INT/MODIFICATION CO28308: I. E), is he	PURSUANT TO: (Specify author CT/ORDER IS MODIFIED TO RE 1 IN ITEM 14, PURSUANT TO T T IS ENTERED INTO PURSUAL and authority) (3-1, Changes (De Sis required to sign this docu (Organized by UCF section heat 1400 provides th Section J - Att reby deleted and	ity) THE CH EFLECT THE HE AUTHOF NT TO AUTH ec. 200 ment and re dings, includ ie foll achmen	ANGES SET FORTH IN ITEM 14 ARE MADE E ADMINISTRATIVE CHANGES (such as chan RITY OF FAR 43.103(b). HORITY OF:	IN THE CONTRA ges in paying offi suing office. pasible.) ions to p inistrat	ACT ice, Contract ive	
12. ACCOUNTING AND APPROPR See Schedule 13. THIS ITEM C CHECK ONE A. THIS CHANGE C ORDER NO. IN I B. THE ABOVE NU appropriation dat C. THIS SUPPLEM D. OTHER (Specify X Clause I.1 E. IMPORTANT: Contractor 14. DESCRIPTION OF AMENDME UEI: DVGLNXBURMP3 Administrative Mod Number DE-AC36-08G Requirements (List of the contract re Clause I 140-970.5	DNLY APPLIES TO M ORDER IS ISSUED F ITEM 10A. IMBERED CONTRAC ita, etc.) SET FORTH IENTAL AGREEMEN I type of modification 149 970.524 Dis not INT/MODIFICATION CO28308: I. B), is he emain the s 5232-4 Obli	PURSUANT TO: (Specify author CT/ORDER IS MODIFIED TO RI HIN ITEM 14, PURSUANT TO T T IS ENTERED INTO PURSUAL and authority) (3-1, Changes (De Sis required to sign this docu (Organized by UCF section head 1400 provides th Section J - Att reby deleted and ame. gation of Funds	ity) THE CH EFLECT THE HE AUTHOF NT TO AUTH ec. 200 ment and re dings, includ achmen l repla (Dec 2	AANGES SET FORTH IN ITEM 14 ARE MADE E ADMINISTRATIVE CHANGES (such as chan RITY OF FAR 43.103(b). HORITY OF: 00) turn1 copies to the is ling solicitation/contract subject matter where for owing significant revis t F - Operating and Adm	IN THE CONTRA ges in paying office. suing office. ions to iinistrat as and co	ACT ice, Contract ive nditions	
12. ACCOUNTING AND APPROPR See Schedule 13. THIS ITEM C CHECK ONE A. THIS CHANGE C ORDER NO. IN I B. THE ABOVE NU appropriation dat C. THIS SUPPLEM D. OTHER (Specify X Clause I.1 E. IMPORTANT: Contractor 14. DESCRIPTION OF AMENDMEI UEI: DVGLNXBURMP3 Administrative Mod Number DE-AC36-08G Requirements (List of the contract re Clause I 140-970.5 presently obligate LIST OF CHANGES: Reason for Modific Continued	DNLY APPLIES TO M ORDER IS ISSUED F ITEM 10A. MBBERED CONTRAC <i>ita, etc.</i> ) SET FORTH IENTAL AGREEMEN <i>itype of modification</i> 149 970.524 Dis not NT/MODIFICATION Bification GO28308: I. CB), is he emain the s S232-4 Obli ed by the G cation: Oth	PURSUANT TO: (Specify author CT/ORDER IS MODIFIED TO RI 1 IN ITEM 14, PURSUANT TO T T IS ENTERED INTO PURSUAN and authority) (3-1, Changes (De Sis required to sign this docu (Organized by UCF section head 1400 provides th Section J - Att reby deleted and ame. gation of Funds overnment with r er Administrativ	ity) THE CH EFLECT THE HE AUTHOF NT TO AUTH ec. 200 ment and re dings, includ the foll the fo	AANGES SET FORTH IN ITEM 14 ARE MADE E ADMINISTRATIVE CHANGES (such as chan RITY OF FAR 43.103(b). HORITY OF:	IN THE CONTRA ges in paying offi suing office. Pasible.) ions to the inistrat is and contract the sect	ACT ice, Contract ive nditions amount	
12. ACCOUNTING AND APPROPR See Schedule 13. THIS ITEM C CHECK ONE A. THIS CHANGE C ORDER NO. IN I B. THE ABOVE NU appropriation dat C. THIS SUPPLEM D. OTHER (Specify X Clause I.1 E. IMPORTANT: Contractor 14. DESCRIPTION OF AMENDMEI UEI: DVGLNXBURMP3 Administrative Mod Number DE-AC36-08G Requirements (List of the contract re Clause I 140-970.5 presently obligate LIST OF CHANGES: Reason for Modific Continued	DNLY APPLIES TO M ORDER IS ISSUED F ITEM 10A. MBBERED CONTRAC <i>ta, etc.</i> ) SET FORTH IENTAL AGREEMEN <i>type of modification</i> 149 970.524 Dis not NT/MODIFICATION CO28308: I. B), is he emain the s CO28308: I. CB), is he emain the s CO232-4 Obli ed by the G cation: Oth s and conditions of th	PURSUANT TO: (Specify author CT/ORDER IS MODIFIED TO RI 1 IN ITEM 14, PURSUANT TO T T IS ENTERED INTO PURSUAN and authority) (3-1, Changes (De Sis required to sign this docu (Organized by UCF section head 1400 provides th Section J - Att reby deleted and ame. gation of Funds overnment with r er Administrativ	ity) THE CH EFLECT THE HE AUTHOF NT TO AUTH ec. 200 ment and re dings, includ the foll achmen l repla (Dec 2 respect re Acti 9 Aor 10A, a	ANGES SET FORTH IN ITEM 14 ARE MADE ADMINISTRATIVE CHANGES (such as chan RITY OF FAR 43.103(b). ADDITY OF:	IN THE CONTRA ges in paying offi suing office. assible.) ions to the inistrat is and contract ect the d in full force and	ACT ice, Contract ive nditions amount effect.	
12. ACCOUNTING AND APPROPR See Schedule 13. THIS ITEM C CHECK ONE A. THIS CHANGE C ORDER NO. IN I B. THE ABOVE NU appropriation dat C. THIS SUPPLEM D. OTHER (Specify X Clause I.1 E. IMPORTANT: Contractor 14. DESCRIPTION OF AMENDMEI UJEI: DVGLNXBURMP3 Administrative Mod Number DE-AC36-08G Requirements (List of the contract re Clause I 140-970.5 presently obligate LIST OF CHANGES: Reason for Modific Continued Except as provided herein, all terms 15A. NAME AND TITLE OF SIGNEI	DNLY APPLIES TO M ORDER IS ISSUED F ITEM 10A. MBBERED CONTRAC <i>ta, etc.</i> ) SET FORTH IENTAL AGREEMEN <i>type of modification</i> 149 970.524 Dis not NT/MODIFICATION CO28308: I. B), is he emain the s CO28308: I. CB), is he emain the s CO232-4 Obli ed by the G cation: Oth s and conditions of th	PURSUANT TO: (Specify author CT/ORDER IS MODIFIED TO RI 1 IN ITEM 14, PURSUANT TO T T IS ENTERED INTO PURSUAL and authority) (3-1, Changes (De Sis required to sign this docu (Organized by UCF section heat 1400 provides th Section J - Att reby deleted and ame. gation of Funds overnment with r er Administrativ	ity) THE CH EFLECT THE HE AUTHOF NT TO AUTH ec. 200 ument and re dings, includ ue foll achmen l repla (Dec 2 respect re Acti 9 A or 10A, a	AANGES SET FORTH IN ITEM 14 ARE MADE E ADMINISTRATIVE CHANGES (such as chan RITY OF FAR 43.103(b). HORITY OF: 00) turn1 copies to the is ing solicitation/contract subject matter where for owing significant revis at F - Operating and Adm .ced; II. All other term 000) is changed to refl . to this contract. on as heretofore changed, remains unchanged and IGA. NAME AND TITLE OF CONTRACTING OF Peter G. Luft	IN THE CONTRA ges in paying offi suing office. assible.) ions to the inistrat is and contract ect the d in full force and	ACT	
12. ACCOUNTING AND APPROPR See Schedule 13. THIS ITEM C CHECK ONE A. THIS CHANGE C ORDER NO. IN I B. THE ABOVE NU appropriation dat C. THIS SUPPLEM D. OTHER (Specify X Clause I.1 E. IMPORTANT: Contractor 14. DESCRIPTION OF AMENDMEI UJEI: DVGLNXBURMP3 Administrative Mod Number DE-AC36-08G Requirements (List of the contract re Clause I 140-970.5 presently obligate LIST OF CHANGES: Reason for Modific Continued Except as provided herein, all terms	DNLY APPLIES TO M ORDER IS ISSUED F ITEM 10A. MBBERED CONTRAC <i>ta, etc.</i> ) SET FORTH IENTAL AGREEMEN <i>type of modification</i> 149 970.524 Dis not NT/MODIFICATION CO28308: I. B), is he emain the s CO28308: I. CB), is he emain the s CO232-4 Obli ed by the G cation: Oth s and conditions of th	PURSUANT TO: (Specify author CT/ORDER IS MODIFIED TO RI 1 IN ITEM 14, PURSUANT TO T T IS ENTERED INTO PURSUAN and authority) (3-1, Changes (De Sis required to sign this docu (Organized by UCF section head 1400 provides th Section J - Att reby deleted and ame. gation of Funds overnment with r er Administrativ	ity) THE CH EFLECT THE HE AUTHOP INT TO AUTH ec. 200 ment and re dings, includ ue foll achmen l repla (Dec 2 respect re Acti 9 Aor 10A, a 1 3NED 1	ANGES SET FORTH IN ITEM 14 ARE MADE ADMINISTRATIVE CHANGES (such as chan RITY OF FAR 43.103(b). ADDITY OF:	IN THE CONTRA ges in paying offi suing office. assible.) ions to the inistrat is and contract ect the d in full force and	ACT ice, Contract ive nditions amount effect.	

Prescribed by GSA FAR (48 CFR) 53.243

CONTINUATION SHEET REFERENCE NO. OF DOCUMENT BEING CONTINUED DE-AC36-08G028308/1400

NAME OF OFFEROR OR CONTRACTOR ALLIANCE FOR SUSTAINABLE ENERGY LLC QUANTITY UNIT ITEM NO. SUPPLIES/SERVICES UNIT PRICE AMOUNT (A) (C) (D) (E) (F) (B) Total Amount for this Modification: \$0.00 New Total Amount for this Version: \$0.00 New Total Amount for this Award: \$8,705,064,999.53 CHANGES FOR LINE ITEM NUMBER: 7000 NEW DELIVERY LOCATION RECORD: Quantity: 0 Amount: \$0.00 Days after award: Unassigned Shipping Address: Golden Field Office U.S. Department of Energy Golden Field Office 15013 Denver West Parkway Golden CO 80401 NEW ACCOUNTING CODE ADDED: Account code: -0000000 Fund 00000 Appr Year 0000 Allottee 00 Reporting Entity 000000 Object Class 00000 Program 0000000

Project 0000000 WFO 0000000

Quantity: 0 Amount: \$0.00 Percent: 0

Payment:

Local Use 0000000

VIPERS

Subject To Funding: N

https://vipers.doe.gov

Any questions, please contact by call/email 855-384-7377 or VipersSupport@hg.doe.gov

Period of Performance: 07/29/2008 to 09/30/2028

PAGE

2

OF

2