										СНОО	SE ONE:	
Grant and Cooperative Agreement								COOPERATIVE AGREEMENT				
										X	GRANT	
CHOOSE ONE:	X EDUC	ATION	FACILITIE	=0	_	RESEARCH		☐ SDCR		$\vdash$	TRAINING	
OHOGOE GIVE.	<u> </u>	ATION	ПТАСІЕПТІ		<u> </u>	RESEARON					ITAINING	
1. GRANT/COOPERATIVE	AGREEMEN	NT NUMBER	2. S	UPPLEMEN1	NUN	MBER	3. EFFE	CTIVE DATE		4. CON	MPLETION DATE	
NRC-HQ-84-14-G-	0042		M00	03			11/13	/2017				
5. ISSUED TO NAME/ADDRESS OF RI UNIVERSITY OF C 2150 Shattuck A BERKELEY CA 947	CALIFORN Avenue,	IA, BERKELEY	ty, State, Zip)	6. ISS <b>Ma</b>		Address: <sub>Acqui</sub>	Stop:	~	6M	visio	n	
				0.00	NINO!	DAL INVESTIGATO	2000044	UZATIONIO DE	0 1505.05			
7. TAXPAYER IDENTIFICA	ATION NO. (T	IN)			PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR     PROGRAM MGR. (Name & Phone)							
94-6002123					(OOI)	ONIVINION: (Name )	a i none,					
8. COMMERCIAL & GOVE	RNMENT EN	ITITY (CAGE) NO.										
10. RESEARCH, PROJECT		DAM TIT! F										
University of Ca			Denartme	ent of N	1101	ear Enginee	erina (	Graduate	Fellow	shin		
Program	<u> </u>	a, beineie,	Depareme	JIIC OI IV	uoı	car migries	orring (	siadaacc	101101	diiib		
11. PURPOSE												
SEE SCHEDULE												
12. PERIOD OF PERFORM	MANCE (App	roximatelv)										
08/01/2014 throu												
13A.		AWARD HIS	STORY		13B	3.			FUN	DING HIS	STORY	
PREVIOUS		\$400.0			00.00 PREVIOUS				\$400,000.00			
THIS ACTION				\$0.00	THI	S ACTION					\$0.00	
CASH SHARE				\$0.00			TOTAL				\$400,000.00	
NON-CASH SHARE				\$0.00								
RECIPIENT SHARE				\$0.00								
то1	TAL		\$4	00,000.00								
14. ACCOUNTING AND AF	PPROPRIATI	ON DATA										
PURCHASE REQUEST NO.		JOB ORDER NO.			AMOUNT					STATUS		
15. POINTS OF CONTACT	Т											
		NAME		MAIL STO	P	TELEPHO	NE			AIL ADD		
TECHNICAL OFFICER	NANCY	V. HEBRON-IS	SREAL	TWFN10B	56	301-415-69	996	Nancy.He	bron-I	sreal	@nrc.gov	
NEGOTIATOR	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					201 415 66						
ADMINISTRATOR	M'LITA	R. CARR				301-415-68	369	MLita.Ca	rrenrc	.gov		
PAYMENTS												
16. THIS AWARD IS MADE	E UNDER TH	E AUTHORITY OF :										
PURSUANT TO SEC	CTION 31	B AND 141B (	OF THE AT	OMIC EN	ERG'	Y ACT OF 19	954, AS	AMENDED				
17. APPLICABLE STATEM	MENT(S), IF C	CHECKED:			1	8. APPLICABLE EI	NCLOSUR	E(S), IF CHEC	KED:			
☐ NO CHANGE IS N	MADE TO EX	ISTING PROVISION	IS			PROVISIO		· —	CIAL CONI	DITIONS	<b>;</b>	
	CONDITION	IS AND THE AGEN						ATIONS AND R		21110110		
UNITED STATES OF AMERICA					1	COOPERATIVE AGREEMENT RECIPIENT						
CONTRACTING/GRANT O	DEFICER		DA <sup>-</sup>	TC		AUTHORIZED REP	DECENTA	TIVE			DATE	
				/13/201 <sup>1</sup>		TO THORIZED REP	NEGLINIA	٧.			DAIL	
M'LITA R. CARR			T T	/ T 2 / C U T	/						I	

## **Grant and Cooperative Agreement**

				ESTIMATED COST			
TEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)		
	CFDA Number: 77.008						
	NRC-HQ-84-14-G-0042						
	ZEROREQ-RES-18-0015						
	The purpose of this modification is:						
	1. extend the period of performance.						
	As a result of this modification:						
	1. the period of performance is extended by five						
	(5) months at no additional cost to the						
	government. The period of performance has been						
	extended to 12/31/2018.						
	**All other terms and conditions remain the						
	same.**						
	LIST OF CHANGES:						
	Period Of Performance End Date changed from 2018-07-31 00:00:00 to 2018-12-31 00:00:00						
	Agreement Officer changed from ERIKA EAM						
	from ERIKA EAM						
	to M'LITA R CARR						
	New Issuing Address:						
	U.S. NRC - HQ						
	Acquisition Management Division						
	Mail Stop: TWFN-8E06M						
	Washington DC 20555-0001						
	New Administration Address:						
	U.S. NRC - HQ						
	Acquisition Management Division						
	Mail Stop: TWFN-8E06M						
	Washington DC 20555-0001						
	Continued						

## **Grant and Cooperative Agreement**

ITEM NO. (A)		QUANTITY (C)	UNIT (D)	ESTIMATED COST			
	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)			UNIT PRICE (E)	AMOUNT (F)		
	Payment:						
	ASAP GRANT FUNDS REIMBURSEMENT SYS						
	US TREASURY						
	Period of Performance: 08/01/2014 to 12/31/2018						
	NRC-HQ-84-14-FOA-0003						