

Grant and Cooperative Agreement

CHOOSE ONE:

- COOPERATIVE AGREEMENT
 GRANT

CHOOSE ONE: EDUCATION FACILITIES RESEARCH SDCR TRAINING

1. GRANT/COOPERATIVE AGREEMENT NUMBER NRC-HQ-12-G-38-0050		2. SUPPLEMENT NUMBER M0003		3. EFFECTIVE DATE 03/11/2016		4. COMPLETION DATE 04/15/2017	
5. ISSUED TO NAME/ADDRESS OF RECIPIENT (No., Street, City/County, State, Zip) RFCUNY - CITY COLLEGE CONVENT AVE 138TH ST NEW YORK NY 10031				6. ISSUED BY US NRC - HQ Mailing Address: ACQUISITION MANAGEMENT DIVISION MAIL STOP TWFN-5E03 WASHINGTON DC 20555-0001			
7. TAXPAYER IDENTIFICATION NO. (TIN)				9. PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR PROGRAM MGR. (Name & Phone) Dean Joe Barba Phone: 212-650-5435; Email: barba@ccny.edu			
8. COMMERCIAL & GOVERNMENT ENTITY (CAGE) NO.							
10. RESEARCH, PROJECT OR PROGRAM TITLE Application of Microfluidic Electrochemistry to Understand Crud Formation and Materials Degradation in Nuclear Energy Applications							
11. PURPOSE See Schedule							
12. PERIOD OF PERFORMANCE (Approximately) 04/16/2012 through 04/15/2017							
13A. AWARD HISTORY		13B. FUNDING HISTORY		PREVIOUS		PREVIOUS	
PREVIOUS		\$353,191.00		PREVIOUS		\$353,191.00	
THIS ACTION		\$0.00		THIS ACTION		\$0.00	
CASH SHARE		\$0.00		TOTAL		\$353,191.00	
NON-CASH SHARE		\$0.00					
RECIPIENT SHARE		\$145,000.00					
TOTAL		\$353,191.00					
14. ACCOUNTING AND APPROPRIATION DATA							
PURCHASE REQUEST NO.		JOB ORDER NO.		AMOUNT		STATUS	
15. POINTS OF CONTACT							
		NAME		MAIL STOP		TELEPHONE	
TECHNICAL OFFICER		NANCY V. HEBRON-ISREAL		3WFN 3 A26		301-287-0718	
NEGOTIATOR							
ADMINISTRATOR		GORDANA ZUBER				301-415-5002	
PAYMENTS						gordana.zuber@nrc.gov	
16. THIS AWARD IS MADE UNDER THE AUTHORITY OF: Section 31b and 141b of the Atomic Energy Act of 1954							
17. APPLICABLE STATEMENT(S), IF CHECKED: <input checked="" type="checkbox"/> NO CHANGE IS MADE TO EXISTING PROVISIONS <input type="checkbox"/> FDP TERMS AND CONDITIONS AND THE AGENCY-SPECIFIC REQUIREMENTS APPLY TO THIS GRANT				18. APPLICABLE ENCLOSURE(S), IF CHECKED: <input type="checkbox"/> PROVISIONS <input type="checkbox"/> SPECIAL CONDITIONS <input type="checkbox"/> REQUIRED PUBLICATIONS AND REPORTS			
UNITED STATES OF AMERICA				COOPERATIVE AGREEMENT RECIPIENT			
CONTRACTING/GRANT OFFICER ERIKA EAM <i>Erika Eam</i>		DATE 03/11/2016		AUTHORIZED REPRESENTATIVE		DATE	

TEMPLATE - ADM001

SUNSI REVIEW COMPLETE

MAR 18 2016

ADM002

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>CFDA Number: 77.008 NRC-HQ-12-G-38-0050 ZEROREQ-OCHCO-16-0059</p> <p>The purpose of this modification is to extend the period of performance and to revise budget.</p> <p>As a result of this modification:</p> <p>1. ATTACHMENT A - SCHEDULE, A. Section A.2 PERIOD OF GRANT, delete in its entirety and replace with the following:</p> <p>"1. The effective date of this Grant is April 16, 2012. The completion date of this Grant is April 15, 2017.</p> <p>2. Funds obligated in this grants are available for program expenditures for the period: April 16, 2012 - April 15, 2017"</p> <p>B. Section A.4 AMOUNT OF AWARD AND PAYMENT PROCEDURES, delete in its entirety and replace with the following:</p> <p>"1. The total estimated amount of this award is \$498,191.00 for a five year period, inclusive of cost share."</p> <p>Please see additional page for approved revised budget.</p> <p>Payment: ASAP GRANT FUNDS REIMBURSEMENT SYS US TREASURY</p> <p>Period of Performance: 04/16/2012 to 04/15/2017</p>				

10/10/11

10/10/11

APPROVED TO BE AWARDED

10/10/11

C. Section A.3 BUDGET, delete in its entirety and replace with the following:
"Revisions to the budget shall be made in accordance with Revision of Grant Budget in accordance with 2 CFR § 200.308."

Category	Original Budget	Change	Revised Budget
Personnel	\$ 176,212.00	\$ (947.34)	\$ 175,264.66
Fringe	\$ 6,303.00	\$ (246.31)	\$ 6,056.69
Travel	\$ 15,000.00	\$ 1,194.65	\$ 16,194.65
Equipment	\$ 98,985.00	\$ -	\$ 98,985.00
Supplies	\$ 14,496.00	\$ -	\$ 14,496.00
Indirect Charges	\$ 42,194.00	\$ -	\$ 42,194.00
Total	\$ 353,191.00	\$ -	\$ 353,191.00

** All other terms and conditions remain the same. **