

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-27-0090		2. SUPPLEMENT NUMBER M0005		3. EFFECTIVE DATE 11/19/2015		4. COMPLETION DATE			
5. ISSUED TO NAME/ADDRESS OF RECIPIENT (No., Street, City/County, State, Zip) SOUTH CAROLINA STATE UNIVERSITY 300 COLLEGE STREET NE ORANGEBURG SC 291170001				6. ISSUED BY U.S. NRC - HQ Mailing Address: Acquisition Management Division Mail Stop: 3WFN-05-C64MP Washington DC 20555-0001					
7. TAXPAYER IDENTIFICATION NO. (TIN) 57-6000950				9. PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR PROGRAM MGR. (Name & Phone) Dr. Denjaji B. Musa Email: mbdanjaji@scsu.edu, Telephone: 803-516-4591					
8. COMMERCIAL & GOVERNMENT ENTITY (CAGE) NO.									
10. RESEARCH, PROJECT OR PROGRAM TITLE Support for the Nuclear Engineering Program (NEP) at South Carolina State University									
11. PURPOSE See Schedule									
12. PERIOD OF PERFORMANCE (Approximately) 09/28/2012 through 09/27/2016									
13A.		AWARD HISTORY			13B.		FUNDING HISTORY		
PREVIOUS		\$311,700.00			PREVIOUS		\$311,700.00		
THIS ACTION		\$0.00			THIS ACTION		\$0.00		
CASH SHARE		\$0.00			TOTAL		\$311,700.00		
NON-CASH SHARE		\$0.00							
RECIPIENT SHARE		\$0.00							
TOTAL		\$311,700.00							
14. ACCOUNTING AND APPROPRIATION DATA									
PURCHASE REQUEST NO.		JOB ORDER NO.		AMOUNT		STATUS			
15. POINTS OF CONTACT									
		NAME		MAIL STOP		TELEPHONE		E-MAIL ADDRESS	
TECHNICAL OFFICER		TUWANDA M. SMITH				301-415-7394		Tuwanda.Smith@nrc.gov	
NEGOTIATOR									
ADMINISTRATOR		GORDANA ZUBER				301-415-5002		gordana.zuber@nrc.gov	
PAYMENTS									
16. THIS AWARD IS MADE UNDER THE AUTHORITY OF: Pursuant to Section 31b and 14b of the Atomic Energy Act of 1953, as amended									
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 M'LITA R. CARR			DATE 11/19/2015		AUTHORIZED REPRESENTATIVE			DATE	

SUNSI REVIEW COMPLETE

NOV 24 2015

ADMM02

TEMPLATE - ADMM01

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: 77.007</p> <p>DUNS Number: 626143457</p> <p>NRC-HQ-12-G-27-0090</p> <p>ZEROREQ-SBCR-16-0002</p> <p>The purpose of this modification is to incorporate Revised Program Description and replace page 2 of 22 of the award document. Please see page 3.</p> <p>All other terms and conditions remain the same.</p> <p>Payment:</p> <p style="padding-left: 40px;">ASAP GRANT FUNDS REIMBURSEMENT SYS</p> <p style="padding-left: 40px;">US TREASURY</p> <p>Period of Performance: 09/28/2012 to 09/27/2016</p>				

Project Description

South Carolina State University's Nuclear Engineering and Science Programs are submitting a scholarship grant to provide undergraduate scholarship per year. The funds will be used to provide tuition, room and board, and book scholarship for each qualified undergraduate student majoring in Nuclear Engineering, Radiochemistry, or Health Physics for at least three years.

At South Carolina State University (SCSU), the current annual tuition and fee level is approximately \$10,088 per year, while the room and boarding fees are \$8,900 per year. For engineering and science textbooks, \$160 is not an unreasonable cost; thus the purchase price of ten books over two terms should be approximately \$1,600. The aforementioned (\$20,588) tuition and fees, room and board, and books are based on the 2015-2016 academic year. However, in future, at least a 10% increase across the board is anticipated per academic year

The senior students in the Nuclear Engineering Program are required to complete their final semester at the University of Wisconsin, Madison (UWM) or North Carolina State University (NCSU), taking the Nuclear Reactor Laboratory, Capstone Design, and other applicable courses by a MOU. In the previous academic year, the cost for sending each student to UWM for one semester was about \$23,000. In the future, an increase of at least 10% per semester is anticipated.

For students going to NCSU, they must take a "Senior Design Preparatory" course at NCSU while concurrently taking courses at SCSU during the fall semester. This requires the students to travel to NCSU at least once a month during the fall semester to meet with their supervisors and group members. The costs (tuition, room, travels and meals) associated with taking the "Senior Design Preparatory" course at NCSU, in the fall semester, is estimated at \$1,475 per student. In the future, an increase of at least 10% is anticipated. In the spring semester the costs (tuition, room, travels and meals) associated with taking the Nuclear Reactor Laboratory, Capstone Design, and other applicable courses at NCSU, is estimated at \$8,500 per student. In the future, an increase of at least 10% is anticipated.