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Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Office of Secretary Of Defense **DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 1: <i>Basic Research</i>	R-1 ITEM NOMENCLATURE PE 0601114D8Z: <i>Defense Experimental Program to Stimulate Competitive Research (DEPSCOR)</i>
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COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	14.259	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
P114: <i>Defense Experimental Program to Stimulate Competitive Research (DEPSCOR)</i>	14.259	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

Note

The Department of Defense requested no funds for DEPSCoR in fiscal year 2010 and in future year budget requests.

A. Mission Description and Budget Item Justification

The Defense Experimental Program to Stimulate Competitive Research (DEPSCoR) is a legislated program that funds research activities in science and engineering fields at institutions of higher education in selected states. DEPSCoR was intended to expand research opportunities in states that traditionally received the least funding in federal support for university research.

Participation in this program is limited to states that meet eligibility criteria as set forth in the authorizing language. The program improves the capabilities of institutions of higher education to develop, plan, and execute science and engineering research that is competitive under a peer-review system. Educational institutions in eligible DEPSCoR states are invited to compete for research/infrastructure awards in areas identified by the department in Broad Agency Announcements published by the Services.

Section 239 of the FY 2008 Authorization Conference Report directs the Secretary of Defense to utilize a defense federally funded research and development center to carry out an assessment of the DEPSCoR program. The assessment was due no later than nine months after the date of the enactment of this Act (October 2008). The Institute for Defense Analyses (IDA) conducted the DEPSCoR assessment. The report went to Congress on December 24, 2008.

FY 2009 DEPSCoR Program - 23 States Eligible to compete. The FY 2009 program eliminated the EPSCoR State Committees Review Requirements. Solicitation posted by the Army Research Office on March 6, 2009. The broad agency announcement closed on May 4, 2009. The program solicitation received 131 proposals. Based on the Orders of Merit, 28 grants were awarded in 14 DEPSCoR states. The research grants will be supported for three years and the averaged award is \$504,372. The FY 2009 broad agency announcement will fund the \$12.000 congressional increase. Currently, all 28 awards have been obligated.

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B. Program Change Summary (\$ in Millions)

	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011 Base</u>	<u>FY 2011 OCO</u>	<u>FY 2011 Total</u>
Previous President's Budget	2.833	0.000	0.000	0.000	0.000
Current President's Budget	14.259	0.000	0.000	0.000	0.000
Total Adjustments	11.426	0.000	0.000	0.000	0.000
• Congressional General Reductions		0.000			
• Congressional Directed Reductions		0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds		0.000			
• Congressional Directed Transfers		0.000			
• Reprogrammings	-0.161	0.000			
• SBIR/STTR Transfer	-0.413	0.000			
• R&DFY09: Congressional Distributed Actions	12.000	0.000	0.000	0.000	0.000

Change Summary Explanation

The FY 2009 DEPSCoR Program received a congressional increase in the amount of \$12.0 million.

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COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
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A. Mission Description and Budget Item Justification

(U) The Defense Experimental Program to Stimulate Competitive Research (DEPSCoR) is a legislated program that funds research activities in science and engineering fields at institutions of higher education in selected states. DEPSCoR was intended to expand research opportunities in states that traditionally received the least funding in federal support for university research.

(U) Participation in this program is limited to states that meet eligibility criteria as set forth in the authorizing language. The program improves the capabilities of institutions of higher education to develop, plan, and execute science and engineering research that is competitive under a peer-review system. Educational institutions in eligible DEPSCoR states are invited to compete for research/infrastructure awards in areas identified by the department in Broad Agency Announcements regularly published by the Services. The DEPSCoR FY 2008 BAA closed on October 26, 2007. The FY 2008 DEPSCoR News Release published on March 26, 2008 announced 24 research grants totaling \$15.7 million. The Army Research Office, the Office of Naval Research, and the Air Force Office of Scientific Research will execute the awards.

(U) Section 239 of the FY 2008 Authorization Conference Report directs the Secretary of Defense to utilize a defense federally funded research and development center to carry out an assessment of the DEPSCoR program. The assessment was due no later than nine months after the date of the enactment of this Act (October 2008). The Institute for Defense Analyses (IDA) conducted the DEPSCoR assessment. The report went to Congress on December 24, 2008.

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B. Accomplishments/Planned Program (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Defense Experimental Program to Stimulate Competitive Research (DEPSCoR) The plan is to award \$14.1 million to eligible DEPSCoR states to perform research in science and engineering. <i>FY 2009 Accomplishments:</i> The FY 2009 Broad Area Announcement (BAA) is in the review process with the Services. The FY 2009 broad agency announcement will fund the \$12.M congressional increase. The program will award \$14.1 million to DEPSCoR academic institutions. For the first time, principal investigators in the DEPSCoR states submitted their proposals directly to the services rather than through the state DEPSCoR Committees. Only universities with degree granting programs in science, mathematics, and/or engineering in 23 States and Territories are eligible to receive awards. DEPSCoR Committees Executive summaries from each State DEPSCoR Committee were required. One hundred and thirty one (131) proposals requesting approximately \$71 million projects were submitted by the May 4, 2009 due date. The DoD News Release list of awardees is expected to be published in late August 2009 after the completion of the evaluation process conducted concurrently by ARO, ONR, and AFOSR.	14.259	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals	14.259	0.000	0.000	0.000	0.000

C. Other Program Funding Summary (\$ in Millions)

N/A

D. Acquisition Strategy

N/A

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0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 1: <i>Basic Research</i>	PE 0601114D8Z: <i>Defense Experimental Program to Stimulate Competitive Research (DEPSCOR)</i>	P114: <i>Defense Experimental Program to Stimulate Competitive Research (DEPSCOR)</i>

E. Performance Metrics

None.

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