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Exhibit R-2, RDT&E Budget Item Justification: PB 2014 The Joint Staff **DATE:** April 2013

APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 3: <i>Advanced Technology Development (ATD)</i>	R-1 ITEM NOMENCLATURE PE 0603828J: <i>Joint Experimentation</i>
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COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Total Program Element	0.000	0.000	21.230	12.667	-	12.667	14.719	15.169	13.839	13.997	Continuing	Continuing
P01: <i>Joint Experimentation</i>	0.000	0.000	21.230	12.667	-	12.667	14.719	15.169	13.839	13.997	Continuing	Continuing

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

A. Mission Description and Budget Item Justification

The Joint Experimentation (JE) Program Element provides funding for the Department's Joint Concept Development & Experimentation (JCD&E) effort, carried out by the JCD&E Community.

The JCD&E Community is comprised of the Combatant Commands, Services, the Office of the Secretary of Defense (OSD), the Joint Staff, the National Guard Bureau (NGB), the United States Coast Guard (USCG) and several Defense agencies. Intra-government agencies and coalition partners often participate in JCD&E processes and projects. The Director for Joint Force Development (DJ-7) leads the joint force development efforts on behalf of the Chairman. The J-7 staff coordinates all efforts with respect to the JCD&E Community.

To ensure the program focuses on needs of the warfighters, JCD&E initiatives originate from an annual call for nominations from combatant commands and Services, and from assessment of combatant command identified critical warfighting capability gaps articulated in the Comprehensive Joint Assessment (CJA). JCD&E project submissions undergo preliminary analysis by the JCD&E Community to confirm suitability for experimentation and, where feasible, to associate closely related subjects for economy of effort. Preliminary analysis also confirms alignment to the Chairman's priorities for developing Joint Force 2020 and Defense Planning Guidance (DPG) strategic priority areas. The resultant annual list of project submissions includes concepts for development and experimentation efforts eligible for design and execution. These efforts are prioritized and approved by the combatant command and Service members of the Synchronization Board and forwarded to the JCB/JROC for approval.

JCD&E activities examine potential solutions for combatant command operational needs emphasizing non-materiel solutions through targeted Doctrine, Organizational, Training, Leadership and Education, Personnel, Facilities, and Policy (DOT_LPF-P) improvements. JCD&E tackles joint concept and capability issues demanding sophisticated analysis, innovative design and complex execution. JCD&E projects address topics that would prove difficult for individual combatant commands and Services to capture in the context of their immediate operational and force generation responsibilities. In partnership with the combatant commands and Services, JCD&E mitigates operational risk by establishing procedural models to conduct emergent concepts that are not yet instantiated in conventional force generation. The results are briefed to Functional Capability Boards who integrate solutions into their functional investment plans.

Funding will be distributed to meet requirements, retaining the flexibility to develop field-sustainable joint capabilities that may be required to meet future, unforeseen challenges.

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B. Program Change Summary (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	0.000	21.230	21.667	-	21.667
Current President's Budget	0.000	21.230	12.667	-	12.667
Total Adjustments	0.000	0.000	-9.000	-	-9.000
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• FY2014 Program Adjustment	-	-	-9.000	-	-9.000
Change Summary Explanation					
The Chairman, Joint Chiefs of Staff has directed the J7 to transform the Joint Experimentation program. The reduction in funding between FY2013 and FY2014 is part of the transformation from Joint Experimentation to a Joint Assessment program.					
FY2014 efforts will focus on supporting the President's "Sustaining U.S. Global Leadership Priorities for the 21st Century Defense" with emphasis on implementing the Joint Operational Access Concept, and building Joint Force 2020 as described in the Chairman Joint Chiefs of Staff Capstone Concept for Joint Operations. Specific work will focus on concepts, and gap analysis and the resultant recommended non-materiel solutions that will improve current and future joint force capability including operating in anti-access and area denial environments, joint command & control, intercontinental missile defense, counterterrorism, operations in space, and defeating threats in all domains, including cyber.					
C. Accomplishments/Planned Programs (\$ in Millions)	FY 2012	FY 2013	FY 2014		
Title: Joint Experimentation	0.000	21.230	12.667		
Description: The Joint Experimentation (JE) Program Element provides funding for the Department's Joint Concept Development & Experimentation (JCD&E) effort, carried out by the JCD&E Community.					
The JCD&E Community is comprised of the Combatant Commands, Services, the Office of the Secretary of Defense (OSD), the Joint Staff, the National Guard Bureau (NGB), the United States Coast Guard (USCG) and several Defense agencies. Intra-government agencies and coalition partners often participate in JCD&E processes and projects. The Director for Joint Force Development (DJ-7) leads the joint force development efforts on behalf of the Chairman. The J-7 staff coordinates all efforts with respect to the JCD&E Community.					
FY 2013 Plans:					

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C. Accomplishments/Planned Programs (\$ in Millions)		FY 2012	FY 2013	FY 2014
The FY2013 Program of Work will include projects supporting the President's "Sustaining U.S. Global Leadership Priorities for the 21st Century Defense." Specific projects will focus on capabilities critical to the success of the future joint force, including intelligence, surveillance, and reconnaissance; counterterrorism; countering weapons of mass destruction; operating in anti-access environments and prevailing in all domains, including cyber. FY 2014 Plans: The Chairman, Joint Chiefs of Staff has directed the J7 to transform the Joint Experimentation program. The reduction in funding between FY2013 and FY2014 is part of the transformation from Joint Experimentation to a Joint Assessment program. FY2014 efforts will focus on supporting the President's "Sustaining U.S. Global Leadership Priorities for the 21st Century Defense" with emphasis on implementing the Joint Operational Access Concept, and building Joint Force 2020 as described in the Chairman Joint Chiefs of Staff Capstone Concept for Joint Operations. Specific work will focus on concepts, and gap analysis and the resultant recommended non-materiel solutions that will improve current and future joint force capability including operating in anti-access and area denial environments, joint command & control, intercontinental missile defense, counterterrorism, operations in space, and defeating threats in all domains, including cyber.				
Accomplishments/Planned Programs Subtotals		0.000	21.230	12.667
D. Other Program Funding Summary (\$ in Millions)				
N/A				
Remarks				
E. Acquisition Strategy				
N/A				
F. Performance Metrics				
JCD&A efforts result in development of and integration or transition of concepts and capabilities to improve current and future joint force capability, and are measured by the following: (1) Concepts accounted for lessons learned reports, JCOA studies, training exercises, past wargames, previous operations, and other historically captured events. (2) Collaborated with a broad, cross-cutting representation from Services, Academia, CCMDs, Defense Agencies, and Industry. (3) Introduced innovative operating methods leading to DOTmLPF changes. (4) Vetted through a deliberate, rigorous, process resulting in Chairman of the Joint Chiefs of Staff (CJCS) endorsement. (5) Approved by CJCS. (6) Capabilities identified in concepts are described in a way to facilitate transition to gap analysis. (7) Assessments have considered concepts, lessons learned, operational studies, and planned/projected force capabilities.				

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(8) Assessments are coordinated with relevant community of practice, current subject matter experts, industry, academia, and appropriate multinational partners. (9) Assessments are completed in a responsive and timely manner, and staffed in accordance with established Department of Defense policy and guidelines. (10) Provided sound, supportable recommendations derived from assessments that succinctly addressed identified gaps with practical and actionable options that indirectly or directly improved capabilities. (11) Recommendations were appropriately transitioned to designated action offices of responsibility.		