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Exhibit R-2, RDT&E Budget Item Justification: PB 2012 Army **DATE:** February 2011

APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
2040: <i>Research, Development, Test & Evaluation, Army</i> BA 6: <i>RDT&E Management Support</i>				PE 0605103A: <i>Rand Arroyo Center</i>							
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
Total Program Element	17.257	20.492	20.384	-	20.384	20.777	21.043	21.253	21.542	Continuing	Continuing
732: <i>ARROYO CENTER SPT</i>	17.257	20.492	20.384	-	20.384	20.777	21.043	21.253	21.542	Continuing	Continuing

A. Mission Description and Budget Item Justification

This program funds the RAND Arroyo Center, the Department of the Army's Federally Funded Research and Development Center (FFRDC) for studies and analysis. The Arroyo Center draws its researchers from RAND's staff of nearly 700 professionals trained in a broad range of disciplines. Most staff members work in RAND's principal locations-Santa Monica, California; Arlington, Virginia; and Pittsburgh, Pennsylvania. The RAND Arroyo Center provides for continuing analytical research across a broad spectrum of issues and concerns, grouped in four major research areas: Strategy, Doctrine, and Resources; Military Logistics; Manpower and Training; and Force Development and Technology. The RAND Arroyo Center research agenda is primarily focused on mid/long-term concerns. Results and analytical findings directly affect senior leadership deliberations on major issues. Arroyo Center research is sponsored by the Chief of Staff, Vice Chief, the Deputy Chiefs of Staff of the Army; the Army Assistant Secretaries; and most of the Army's major commands. The Arroyo Center is provided guidance from the Army through the Arroyo Center Policy Committee (ACPC), which is co-chaired by the Vice Chief of Staff of the Army and the Assistant Secretary of the Army (Acquisition, Logistics and Technology). The ACPC reviews, monitors, and approves the annual Arroyo Center research plan. Each project requires General Officer (or SES equivalent) sponsorship and involvement on a continuing basis. RAND Arroyo provides the Army with a unique multidisciplinary capability for independent analysis.

B. Program Change Summary (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Previous President's Budget	17.812	20.492	20.753	-	20.753
Current President's Budget	17.257	20.492	20.384	-	20.384
Total Adjustments	-0.555	-	-0.369	-	-0.369
• Congressional General Reductions		-			
• Congressional Directed Reductions		-			
• Congressional Rescissions	-	-			
• Congressional Adds		-			
• Congressional Directed Transfers		-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.555	-			
• Adjustments to Budget Years	-	-	-0.369	-	-0.369

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APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 6: RDT&E Management Support				R-1 ITEM NOMENCLATURE PE 0605103A: Rand Arroyo Center				PROJECT 732: ARROYO CENTER SPT			
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
732: ARROYO CENTER SPT	17.257	20.492	20.384	-	20.384	20.777	21.043	21.253	21.542	Continuing	Continuing
Quantity of RDT&E Articles											
A. Mission Description and Budget Item Justification											
<p>This program funds the RAND Arroyo Center, the Department of the Army's Federally Funded Research and Development Center (FFRDC) for studies and analysis. The Arroyo Center draws its researchers from RAND's staff of nearly 700 professionals trained in a broad range of disciplines. Most staff members work in RAND's principal locations-Santa Monica, California; Arlington, Virginia; and Pittsburgh, Pennsylvania. The RAND Arroyo Center provides for continuing analytical research across a broad spectrum of issues and concerns, grouped in four major research areas: Strategy, Doctrine, and Resources; Military Logistics; Manpower and Training; and Force Development and Technology. The RAND Arroyo Center research agenda is primarily focused on mid/long-term concerns. Results and analytical findings directly affect senior leadership deliberations on major issues. Arroyo Center research is sponsored by the Chief of Staff, Vice Chief, the Deputy Chiefs of Staff of the Army; the Army Assistant Secretaries; and most of the Army's major commands. The Arroyo Center is provided guidance from the Army through the Arroyo Center Policy Committee (ACPC), which is co-chaired by the Vice Chief of Staff of the Army and the Assistant Secretary of the Army (Acquisition, Logistics and Technology). The ACPC reviews, monitors, and approves the annual Arroyo Center research plan. Each project requires General Officer (or SES equivalent) sponsorship and involvement on a continuing basis. RAND Arroyo provides the Army with a unique multidisciplinary capability for independent analysis.</p>											
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2010	FY 2011	FY 2012	
<p>Title: Research addressing manpower and training</p> <p>Articles:</p> <p>Description: key issues for the Army, including recruiting and personnel fill requirements; reserve component readiness; leader development; training (major combat operations and stability operations skills); distance learning, simulation training development and application; training support systems; retention (active command/reserve command); officer career fields, selection, assignment sequencing; and medical forces and operations.</p> <p>FY 2010 Accomplishments:</p> <p>The Arroyo center study program in manpower and training addressed the following Army Campaign Plan Objectives: Man the Army and preserve the all-volunteer force; provide facilities, programs, and services to support the Army and Army Families; train the Army for full spectrum operations; transform the operating force; and transform the generating force.</p> <p>FY 2011 Plans:</p> <p>The Planned Study program includes key issues for the Army, including recruiting and personnel fill requirements; reserve component readiness; leader development; training (major combat operations and stability operations skills); distance learning,</p>								4.721	5.777	5.780	
								0	0		

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2010	FY 2011
simulation training development and application; training support systems; retention (active command/reserve command); officer career fields, selection, assignment sequencing; and medical forces and operations.			
FY 2012 Plans: The Planned Study program includes key issues for the Army, including recruiting and personnel fill requirements; reserve component readiness; leader development; training (major combat operations and stability operations skills); distance learning, simulation training development and application; training support systems; retention (active command/reserve command); officer career fields, selection, assignment sequencing; and medical forces and operations.			
Title: Research addressing force development and technology Articles: Description: key issues for the Army, including systems and technology analysis; networks and C4ISR; modeling and simulation; force and organizational development; acquisition policies; and assessment of tactics, techniques, and procedures. FY 2010 Accomplishments: The Research in force development and technology addressed the following Army Campaign Plan Objectives: Support current global operations with ready landpower; reset the Army for full spectrum operations; and transform the operating force. FY 2011 Plans: The Planned Study Program in force development and technology includes key issues for the Army, including systems and technology analysis; networks and C4ISR; modeling and simulation; force and organizational development; acquisition policies; and assessment of tactics, techniques, and procedures. FY 2012 Plans: The Planned Study Program in force development and technology includes key issues for the Army, including systems and technology analysis; networks and C4ISR; modeling and simulation; force and organizational development; acquisition policies; and assessment of tactics, techniques, and procedures.		3.162 0	3.807 0
Title: Research addressing Army logistics Articles: Description: Key issues for the Army, including supply chain management; fleet management and modernization; logistics force development; and infrastructure management. FY 2010 Accomplishments:		3.923 0	4.749 0
			3.856

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)				FY 2010	FY 2011	FY 2012
Research in Army logistics addressing the following Army Campaign Plan Objectives: Provide facilities, programs, and services to support the Army and Army families; enhance logistics readiness; and transform the generating force.						
FY 2011 Plans: The Planned Study Program in Army logistics includes key issues for the Army, including supply chain management; fleet management and modernization; logistics force development; and infrastructure management.						
FY 2012 Plans: The Planned Study Program in Army logistics includes key issues for the Army, including supply chain management; fleet management and modernization; logistics force development; and infrastructure management.						
Title: Research addressing strategies, doctrine, and resources				4.435	5.203	5.070
Articles:				0	0	
Description: Key issues for the Army, including the evolving operating environment; capabilities to face new challenges; partner capabilities; capabilities for stability operations; improvement of resource management; learning from past and present operations; and supporting Army wargames and analysis.						
FY 2010 Accomplishments: Research in strategy, doctrine, and resources, addressing the following Army Campaign Plan Objectives: Support current global operations with ready landpower; transform the operating force; and transform the generating force. Additional quick-response support was provided.						
FY 2011 Plans: The Planned Study Program in strategy, doctrine, and resources includes key issues for the Army, including the evolving operating environment; capabilities to face new challenges; partner capabilities; capabilities for stability operations; improvement of resource management; learning from past and present operations; and supporting Army wargames and analysis.						
FY 2012 Plans: The Planned Study Program in strategy, doctrine, and resources includes key issues for the Army, including the evolving operating environment; capabilities to face new challenges; partner capabilities; capabilities for stability operations; improvement of resource management; learning from past and present operations; and supporting Army wargames and analysis.						
Title: Research addressing military health				0.802	0.956	0.968
Articles:				0	0	

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2010	FY 2011
<p>Description: Key issues for the Army, including the impact of deployment on soldiers and families; quality of Army health care; medical manpower requirements; medical readiness of soldiers and programs; and implications of advances in medical technology.</p> <p>FY 2010 Accomplishments: Research in strategy, doctrine, and resources, addressing the following Army Campaign Plan Objectives: Support current global operations with ready landpower; transform the operating force; and transform the generating force. Additional quick-response support was provided.</p> <p>FY 2011 Plans: The Planned Study Program in military health includes key issues for the Army, including the impact of deployment on soldiers and families; quality of Army health care; medical manpower requirements; medical readiness of soldiers and programs; and implications of advances in medical technology.</p> <p>FY 2012 Plans: The Planned Study Program in military health includes key issues for the Army, including the impact of deployment on soldiers and families; quality of Army health care; medical manpower requirements; medical readiness of soldiers and programs; and implications of advances in medical technology.</p>			
<p>Title: Small Business Innovative Research/Small Business Technology Transfer Program</p> <p>Description: Small Business Innovative Research/Small Business Technology Transfer Program</p> <p>FY 2010 Accomplishments: Small Business Innovative Research directed research</p>		<p>Articles:</p> <p>0.214 0</p>	-
Accomplishments/Planned Programs Subtotals		17.257	20.492
C. Other Program Funding Summary (\$ in Millions)			
N/A			
D. Acquisition Strategy			
N/A			
E. Performance Metrics			
Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.			

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