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Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Office of Secretary Of Defense	DATE: February 2010
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APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>				PE 0305186D8Z: <i>Policy R&D Programs</i>							
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	8.870	6.892	9.136	0.000	9.136	9.419	9.705	10.095	10.410	Continuing	Continuing
186: <i>Policy R&D Programs</i>	8.870	6.892	9.136	0.000	9.136	9.419	9.705	10.095	10.410	Continuing	Continuing

A. Mission Description and Budget Item Justification

Continues the development of tools to overcome military security issues. Since the global environment is dynamic, research is necessary to continue understanding military structures, foreign cultures, and ethnic issues. Examines demographic data, investigates information awareness concerning catastrophic events, and develops links to information and data warehouses. Continues to build partnership capabilities through analytical projects that counter organizational warfare and develops infrastructure and sanctuary denial options. Blends several disciplines including surveillance, operations, policy, information, training and technology.

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	8.870	6.948	0.000	0.000	0.000
Current President's Budget	8.870	6.892	9.136	0.000	9.136
Total Adjustments	0.000	-0.056	9.136	0.000	9.136
• 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	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other	0.000	-0.056	9.136	0.000	9.136

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APPROPRIATION/BUDGET ACTIVITY 0400: Research, Development, Test & Evaluation, Defense-Wide BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0305186D8Z: Policy R&D Programs				PROJECT 186: Policy R&D Programs			
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
186: Policy R&D Programs	8.870	6.892	9.136	0.000	9.136	9.419	9.705	10.095	10.410	Continuing	Continuing
Quantity of RDT&E Articles											
A. Mission Description and Budget Item Justification											
Continues the development of tools to overcome military security issues. Since the global environment is dynamic, research is necessary to continue understanding military structures, foreign cultures, and ethnic issues. Examines demographic data, investigates information awareness concerning catastrophic events, and develops links to information and data warehouses. Continues to build partnership capabilities through analytical projects that counter organizational warfare and develops infrastructure and sanctuary denial options. Blends several disciplines including surveillance, operations, policy, information, training and technology.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
International Technologies							3.339	2.164	3.292	0.000	3.292
Identifies international technologies and provides program management oversight and technical support for projects cooperating with international partners. Anticipates exploitation of technology, including available and advanced capabilities, and works through the international commercial sector and academia concerning adversary's application of technology. Explores processes and policy to integrate international capabilities across the spectrum of international security issues.											
FY 2009 Accomplishments:											
• Expanded the development of software tools into a broader focus within Asia/Pacific and South/Central America.											
• Funded researchers who will begin to integrate process tools within the military and promote homeland defense initiatives.											
• Further developed ongoing research efforts within the Services to better analyze, modify, design, and demonstrate enduring counterinsurgency technical and operational capabilities.											

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B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2010 Plans: • Research process tools to integrate the military in non-combative situations globally. • Promote homeland defense initiatives with dual application worldwide in US military operations. • Further develop ongoing research efforts within the Services and Combatant Commands to better analyze, modify, design, and demonstrate enduring counterinsurgency technical and operational capabilities. • Develops initiatives that include broad linguistic capabilities and cultural understanding in ungoverned areas, develops international policy in lawless regions as they pertain to military operations and researches alternatives to Combatant Commands that prevent the expansion of terrorist cells into ungoverned areas.						
FY 2011 Base Plans: • Research process tools to integrate the military in non-combative situations globally. • Promote homeland defense initiatives with dual application worldwide in US military operations. • Further develop ongoing research efforts within the Services and Combatant Commands to better analyze, modify, design, and demonstrate enduring counterinsurgency technical and operational capabilities.						
FY 2011 OCO Plans: N/A						
US/ Allied Strategic Partnership Illustrates and depicts challenges in a US/Allied strategic area for future operations. DPSs pushes DoD toward transformation through strategic concepts and in cooperation with Joint Staff. Other participants are Military Services, Combatant Commanders, and the Defense Agencies. Guidance and approval are provided by the Deputy’s Advisory Working Group (DAWG). Scenarios are applied to force planning, joint concept development activities; combat development, and joint/interagency war games. Information from DPS analysis sets key analytic parameters, models, assumptions and variations in		2.531	0.000	0.000	0.000	0.000

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B. Accomplishments/Planned Program (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
key factors, threat descriptions by the intelligence community; Blue and Red force characteristics, and outlines of concepts of operations. FY 2009 Accomplishments: - Continued to develop alternative scenario options on a global scale that involve problem areas and objectives. Provides a forum to integrate various processes, techniques, and capabilities in a senior interagency group - Continued to develop strategic concepts in combat and irregular warfare scenarios that include homeland defense capabilities and resources. FY 2010 Plans: no funding available FY 2011 Base Plans: no funding available FY 2011 OCO Plans: N/A					
Homeland Defense Technology Transfer Program Provides outreach through coordination and cooperation with inter-agency partners to provide dual-use technology and equipment to first responders. Ensure DoD components conduct Technology Transfer programs that are appropriate for the respective component. Provides information to stakeholders on equipment and technology use and availability. Funding will be transfered to PE 0305387D8Z to allow for greater visibility of program funding. FY 2009 Accomplishments: Refine metrics and initiate for use in measuring program success.	3.000	0.000	0.000	0.000	0.000

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B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
• Continue a consortium of subject matter expertise from across the Department and select, Inter-agency organizations. • Expand program outreach programs to include greater emphasis on defense activities and service components. • Develop and test the transfer process via a pilot. <i>FY 2010 Plans:</i> Program funds transfered to PE 0305387D8Z to allow for greater visibility of program funding. <i>FY 2011 Base Plans:</i> Program funds transfered to PE 0305387D8Z to allow for greater visibility of program funding. <i>FY 2011 OCO Plans:</i> N/A						
Long Term Competitions (LTC) Program This request is for support to the Long Term Competitions (LTC) program is an analytical effort chartered to provide the DoD senior leadership with an understanding of key long-term developments and dynamics in specific areas of the global security environment, and to develop competitive strategies for their consideration as the Department seeks to address these long term challenges. The LTC Program will provide rigorously analyzed competitive strategy recommendations to these senior DoD leaders, and will require the support of organizations and experts outside of government to deliver the highest quality analysis, concepts and recommendations. Funding for the LTC program will be used to: bring outside experts into Task Force working groups and strategy review teams; support wargaming and workshops; conduct analytical studies of key developments and dynamics, and their impact on the future security environment and U.S. military capabilities in that environment; and explore new approaches to addressing key analytical requirements.		0.000	2.728	3.644	0.000	3.644

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B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2009 Accomplishments: No funding available.						
FY 2010 Plans: Specific efforts are classified.						
FY 2011 Base Plans: Specific efforts are classified.						
FY 2011 OCO Plans: N/A						
Defense Planning Scenarios Activities This program is classified.		0.000	2.000	2.200	0.000	2.200
FY 2009 Accomplishments: No funding available.						
FY 2010 Plans: Specific efforts are classified.						
FY 2011 Base Plans: Specific efforts are classified.						
FY 2011 OCO Plans: N/A						
Accomplishments/Planned Programs Subtotals		8.870	6.892	9.136	0.000	9.136

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<u>C. Other Program Funding Summary (\$ in Millions)</u> N/A <u>D. Acquisition Strategy</u> N/A <u>E. Performance Metrics</u> N/A		

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