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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: Research, Development, Test & Evaluation, Defense-Wide BA 6: RDT&E Management Support				R-1 ITEM NOMENCLATURE PE 0303169D8Z: IT Rapid Acquisition							
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	4.517	4.630	5.135	0.000	5.135	5.239	5.375	5.454	5.528	Continuing	Continuing
169: IT Rapid Acquisition	4.517	4.630	5.135	0.000	5.135	5.239	5.375	5.454	5.528	Continuing	Continuing

A. Mission Description and Budget Item Justification

The Department must rapidly transform its processes in order to better support the agile warfighter. This PE is dedicated to Rapid Acquisition Incentives – Net Centricity (RAI-NC) which serve DoD by providing RDT&E proof-of-concept early implementation of key initiatives targeted at advancing and moving the Mission Areas of DoD towards Net Centricity. For example, a coherent and timely transition across DoD Enterprise networks and infrastructure to the next generation of the Internet Protocol, IP version 6 (IPv6) is critical to leveraging the power of information by the business and warfighting mission areas through net-centric operations/warfare. The PE permits accelerating domain support processes thru rapid proof of concept development and early implementation.

RAI-NC provides funding for Net Centric initiatives that directly support and facilitate the transformation of the DoD enterprise. This effort is consistent with the Department’s strategic goals to: enable net-centric operations and warfare, reduce costs; improve efficiency; increase effectiveness by improving the efficiency and effectiveness of process redesign; business systems modernization; strategic sourcing; infrastructure reductions; and optimal-sized inventories. The objective of RAI-NC is to accelerate DoD’s net centric transformation in support of the warfighter. Fully achieving net-centricity requires the ubiquity, mobility, security and performance achievable through implementation of the value added features of IPv6. The scope of Rapid Acquisition Incentives – Net Centricity encompasses defense policies, processes, people, technologies and systems that guide, perform or support aspects of warfighter support processes within the Department. Each RAI-NC initiative provides proof of concept sustainability, as well as the scalability necessary for Domain enterprise wide implementation that will allow end-to end accessibility to net-centric based decision-making information. Successful implementation will result in more reliable, accurate and timely net centric management information upon which managers can make more effective business decisions in a timely manner for the Department.

RAI-NC enables the acceleration of DoD efforts to implement network centric operational environments while providing a secure, flexible, reliable, affordable, integrated network to achieve high effectiveness in joint and combined operations. This program employs RDT&E funds to plan, develop, prototype and oversee proof of concept initiatives. Successful initiatives with supporting business cases demonstrating the achieved goals and outcomes and mission area support will be allowed to enter full deployment. This program is funded under BA-6, Management Support because it includes studies and analyses in support of R&D efforts.

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0400: Research, Development, Test & Evaluation, Defense-Wide		PE 0303169D8Z: IT Rapid Acquisition			
BA 6: RDT&E Management Support					
B. Program Change Summary (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Previous President's Budget	5.225	4.667	0.000	0.000	0.000
Current President's Budget	4.517	4.630	5.135	0.000	5.135
Total Adjustments	-0.708	-0.037	5.135	0.000	5.135
• 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			
• Program Adjustments	-0.708	-0.037	5.135	0.000	5.135
Change Summary Explanation					
FY 2009: Program adjustment -0.708 million.					
FY 2010: FFRDC reductions -0.018 million, Economic Assumptions -0.019 million.					
FY 2011: Program Adjustment 5.135.					
C. Accomplishments/Planned Program (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
IT Rapid Acquisition Plans and Accomplishments	4.517	4.630	5.135	0.000	5.135
FY 2009 Accomplishments:					
RAI-NC initiatives that accelerate DoD's net-centric transformation in direct support of the warfighter will continue to include:					
• Continued to promote commodity-based software programmable radio technologies to rapidly respond to warfighter requirements and reducing costs.					

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C. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
- Continued to provide for rapid prototyping, test and demonstration of commodity-based software programmable radio solutions utilizing evolving technologies for near and long term solutions. - Continued to focus on incorporating solutions from outside programs of records: - Modular software programmable radio approach enables incorporation of new offerings such as high band transceiver modules into open architecture designs - Encourage and provide a mechanism for test of commercial module upgrade offerings or alternative techniques to enhance capability and reduce cost - Foster P3I technology improvements into spirals of programs of records - Rapid development and demonstration of specific capabilities - Utilize COTS, IRAD, NDI, and CRADA Products - Take advantage of exercises and demonstrations to test products - Industry, Academia, and Government Lab participation - Continued to provide migration path to warfighter systems. - Continued to support DoD transition to IPv6 and convergence of voice, video and data on IP based DoD networks by coordinated and integrated planning, policy/guidance and oversight - Provided oversight/direction for draft of the DoD Unified Capability Registry (UCR) 2008 document - Monitored and provided oversight for the implementation of the DoD UCR 2008 document - Coordinated and submitted the DoD response to the draft OMB IPv6 Planning Guide/Roadmap document - Orchestrated and led the DoD CIO IPv6 Implementation In-Progress Review - Participated in an effort with OMB, NIST, and General Services Administration (GSA) to draft IPv6 requirements language for the Federal Acquisition Regulation (FAR) - Collaborated with OMB and NIST to accredit DISA(JITC) as a USG third party IPv6 test lab - Provided a DoD IPv6 implementation status update to OMB for their FY 2009 Enterprise Architecture (EA) Assessment. - Implemented a data centric interoperability and supportability (I&S) process to collect data using the Enhanced Information Support Plan application to ensure I&S information is both visible and accessible.						

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C. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
• Began developing underpinnings for an improved interoperability and supportability process that addresses Defense Information Enterprise Architecture (DIEA) well at all tiers. <i>FY 2010 Plans:</i> • Monitor/evaluate implementation efforts of IPv6. • Ensure IPv6 transition efforts are synchronized across all DoD Components by conducting program reviews and review of implementation plans. • Incorporate into policy guidance, new direction and OMB goals regarding the management and implementation of IPv6. • Hold compliance sessions to address common and unique issues requiring the DoD CIO's intervention to revise policy, provide additional guidance or to surface technological concerns with vendors or OMB, that are hampering execution. • Update transition plan and policy to accommodate new guidance and technologies. • Continue to work with DISA in providing governance and oversight of the Department's implementation of IPv6, including the review of products, identifying critical issues and making recommendations for solutions. • Continue to provide oversight and guidance to DISA in developing and refining the NIPRNET/ SIPRNET infrastructure to achieve full IPv6 capability. • Oversee implementation of UCR 2008 document • Publish and oversee implementation of UCR 2010 document • Publish and oversee implementation of Universal Capabilities (UC) DoDI • Facilitate DoD UC Industry Advisory Council (IAC) Conferences • Develop DoD UC IAC Charter • Establish DoD UC Steering Group (UCSG), and develop a UCSG Charter • Continue industry and government outreach efforts to facilitate development and implementation of UC policy • Incorporate a UC distributed test concept, to revise the UC test and certification process, into the draft UC DoDI						

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C. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
• Oversee development of IPv6 Milestone Objective 3 (MO3) Information Assurance (IA) guidance • Oversee completion of the DoD IPv6 Joint Staff Operational Criteria T&E • Collaborate with OMB and follow OMB IPv6 Planning Guide/Roadmap document to guide United States Government (USG) IPv6 implementation • Provide DoD IPv6 implementation status updates to OMB for the FY09 Enterprise Architecture Assessment • Continue ongoing interoperability and supportability process improvement to create an environment for an emerging DoD NC interoperability strategy, policy, process, tools/data, and metrics into improved environment for all tiers of interoperability accountability in the DoD FY 2011 Base Plans: • Continue monitoring and evaluate implementation efforts of IPv6. • Continue to ensure IPv6 transition efforts are synchronized across all DoD Components by conducting program reviews and review of implementation plans. • Continue to incorporate into policy guidance, new direction and OMB goals regarding the management and implementation of IPv6. • Continue to hold compliance sessions to address common and unique issues requiring the DoD CIO's intervention to revise policy, provide additional guidance or to surface technological concerns with vendors or OMB, that are hampering execution. • Update transition plan and policy to accommodate new guidance and technologies. • Continue to work with DISA in providing governance and oversight of the Department's implementation of IPv6, including the review of products, identifying critical issues and making recommendations for solutions. • Continue to provide oversight and guidance to DISA in developing and refining the NIPRNET/ SIPRNET infrastructure to achieve full IPv6 capability. FY 2011 OCO Plans: N/A						

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C. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Accomplishments/Planned Programs Subtotals		4.517	4.630	5.135	0.000	5.135
D. Other Program Funding Summary (\$ in Millions) N/A						
E. Acquisition Strategy N/A						
F. Performance Metrics - Timely development and issuance of policy, guidance, processes, and technologies to build, populate, govern, operate, and protect the Network. - Development of plans and implementation activities for net centric data and IPv6 transformation capabilities.						

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