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 3: *Advanced Technology Development (ATD)*	R-1 ITEM NOMENCLATURE PE 0603668D8Z: *Cyber Security Advanced Technology Development*

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	0.000	0.000	10.000	0.000	10.000	20.000	30.000	30.000	40.000	Continuing	Continuing
P113: *Cyber Security Advanced Technology Development*	0.000	0.000	10.000	0.000	10.000	20.000	30.000	30.000	40.000	Continuing	Continuing

A. Mission Description and Budget Item Justification

This is a new start program.

The urgency and criticality of improving Cyber Security for the Department of Defense (DoD) and Intelligence Communities (IC) is highlighted by the release of the President's Cyberspace Policy Review. Our cyber defenses must provide mission assurance during cyber attacks on our operations throughout the world. Adversaries are increasingly sophisticated and growing in number, and the DoD and IC need more options to operate and fight in cyberspace.

This PE will investigate and conduct advanced development of new and novel game-changing ways to address all aspects of cyber operations. It will plan and develop demonstrations of cyber capabilities such as the ability to harden military networks, attribute and disrupt adversary attacks in order to provide increased levels of mission assurance.   It will focus on capabilities to minimize the impact of the increasing cyber threats and to increase the military capabilities to fight and survive in cyberspace.   A focus will be to transition the results of the Cyber Security Research PE into capabilities that can be demonstrate and provide technical options and approaches to support full spectrum cyber operations.

Office of Secretary Of Defense

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APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 3: *Advanced Technology Development (ATD)*	**R-1 ITEM NOMENCLATURE** PE 0603668D8Z: *Cyber Security Advanced Technology Development*

B. Program Change Summary ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Previous President's Budget	0.000	0.000	0.000	0.000	0.000
Current President's Budget	0.000	0.000	10.000	0.000	10.000
Total Adjustments	0.000	0.000	10.000	0.000	10.000
• 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	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Program Adjustments	0.000	0.000	10.000	0.000	10.000

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

APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 3: *Advanced Technology Development (ATD)*	R-1 ITEM NOMENCLATURE PE 0603668D8Z: *Cyber Security Advanced Technology Development*	PROJECT P113: *Cyber Security Advanced Technology Development*

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
P113: *Cyber Security Advanced Technology Development*	0.000	0.000	10.000	0.000	10.000	20.000	30.000	30.000	40.000	Continuing	Continuing

A. Mission Description and Budget Item Justification

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B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Cyber Security Advanced Technology Development *FY 2011 Base Plans:* This is a new start program and project plans for FY 2011 and beyond will be developed by the Director, Defense Research & Engineering (DDR&E) for execution by DoD components. This process will be conducted using the established Information Assurance and Computer Security Steering Council chartered by DDR&E which has representation from DoD components conducting cyber operations research.	0.000	0.000	10.000	0.000	10.000

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Office of Secretary Of Defense		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 3: *Advanced Technology Development (ATD)*	**R-1 ITEM NOMENCLATURE** PE 0603668D8Z: *Cyber Security Advanced Technology Development*	**PROJECT** P113: *Cyber Security Advanced Technology Development*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Accomplishments/Planned Programs Subtotals	0.000	0.000	10.000	0.000	10.000

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	FY 2012	FY 2013	FY 2014	FY 2015	Cost To Complete	Total Cost
• PE 0602668D8Z, BA 2: *Cyber Security Research*			10.000		10.000	10.000	20.000	20.000	10.000	Continuing	Continuing

D. Acquisition Strategy

  N/A

E. Performance Metrics

  N/A