

**UNCLASSIFIED**

Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Defense Advanced Research Projects Agency									Date: March 2014			
Appropriation/Budget Activity 0400: Research, Development, Test & Evaluation, Defense-Wide / BA 6: RDT&E Management Support					R-1 Program Element (Number/Name) PE 0305103E / CYBER SECURITY INITIATIVE							
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	-	1.961	-	-	-	-	-	-	-	-	-	-
CYB-01: CYBER SECURITY INITIATIVE	-	1.961	-	-	-	-	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
# The FY 2015 OCO Request will be submitted at a later date.												
A. Mission Description and Budget Item Justification												
The National Cyber Security Initiative will foster a revolution in the Nation's ability to protect and defend its cyber operations. DARPA's responsibility as part of the overall Cyber Security Initiative (CSI) is to create a cyber test range that will become a National resource for testing the resiliency of cyber programs in the face of hostile action. The Cyber Range will be capable of supporting multiple, simultaneous, segmented tests in realistically configured or simulated testbed environments.												
B. Program Change Summary (\$ in Millions)				FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total				
Previous President's Budget				1.801	-	-	-	-				
Current President's Budget				1.961	-	-	-	-				
Total Adjustments				0.160	-	-	-	-				
• Congressional General Reductions				-0.002	-							
• Congressional Directed Reductions				-	-							
• Congressional Rescissions				-	-							
• Congressional Adds				-	-							
• Congressional Directed Transfers				-	-							
• Reprogrammings				0.162	-							
• SBIR/STTR Transfer				-	-							
Change Summary Explanation												
FY 2013: Increase reflects Congressional reductions for Sections 3001 & 3004 and reprogrammings.												
C. Accomplishments/Planned Programs (\$ in Millions)									FY 2013	FY 2014	FY 2015	
Title: Cyber Security Initiative									1.961	-	-	
Description: The goal of the Cyber Security Initiative was to revolutionize the Nation's ability to conduct cyber operations by developing a persistent and cost-effective cyber testing environment. The National Cyber Range (NCR) program developed a network test bed that allows for research experimentation on diverse hardware and software topologies to produce qualitative and quantitative assessments of cyber security research and development programs through a safe, instrumented experimentation												

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<b>C. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>
environment. The range is designed to replicate complex, heterogeneous networks. It has revolutionized cyber testing to enable efficient cyber experimentation and facilitate realistic testing of tools and techniques to enable high fidelity assessments of cyber tools and techniques and the rapid transition of research programs to operations. This program is available for leverage or use by all Federal Government organizations. The program has transitioned to the DoD's Test Resource Management Center (TRMC).				
<b>FY 2013 Accomplishments:</b> - Completed transition of the NCR to TRMC.				
<b>Accomplishments/Planned Programs Subtotals</b>		1.961	-	-
<b>D. Other Program Funding Summary (\$ in Millions)</b> N/A				
<b>Remarks</b>				
<b>E. Acquisition Strategy</b> N/A				
<b>F. Performance Metrics</b> Specific programmatic performance metrics are listed above in the program accomplishments and plans section.				