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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Air Force										Date: March 2014		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0208059F / CYBER COMMAND ACTIVITIES							
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	-	59.342	38.099	67.057	-	67.057	73.790	71.702	73.105	74.496	Continuing	Continuing
676002: Cyber Systems Modernization	-	59.342	38.099	67.057	-	67.057	73.790	71.702	73.105	74.496	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

(U//FOUO) Mission: US Cyber Command (USCYBERCOM) Plans, coordinates, integrates, synchronizes, and conducts activities to: direct the operations and defense of specified Department of Defense information networks and; prepare to, and when directed, conduct full-spectrum military cyberspace operations in order to enable actions in all domains, ensure US/Allied freedom of action in cyberspace and deny the same to our adversaries.

USCYBERCOM will develop defensive cyber strategies and capabilities to ensure force flow during campaign operations and to expand DoD OCO capabilities. USCYBERCOM will research, develop, and test technologies and capabilities that allow Cyber forces to conduct future offensive and defensive cyber operations in support of COCOMs, to include title 10 infrastructures and cross-cutting technologies. USCYBERCOM will also provide the resources for other COCOMs to conduct Offensive Cyber Operations/Defensive Cyber Operations (OCO/DCO) planning. An in-house integration team (Special Projects Vulnerability Assessment Team) will perform research, small scale prototyping, and integration as required to support the mission. Further detail is classified and can be provided upon request. Additionally, this team will re-tool existing offensive and defensive capabilities to satisfy immediate USCYBERCOM operational needs. Finally, USCYBERCOM will delegate resources to the Army, Navy, and Air Force Cyber Service components to develop deconflicted offensive cyber capabilities.

Activities also include studies and analysis to support current program planning and execution.

This program is in Budget Activity 7, Operational System Development because this budget activity funds various development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

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B. Program Change Summary (\$ in Millions)		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget		66.888	68.099	67.893	-	67.893
Current President's Budget		59.342	38.099	67.057	-	67.057
Total Adjustments		-7.546	-30.000	-0.836	-	-0.836
• Congressional General Reductions		-	-			
• Congressional Directed Reductions		-	-30.000			
• Congressional Rescissions		-	-			
• Congressional Adds		-	-			
• Congressional Directed Transfers		-	-			
• Reprogrammings		-	-			
• SBIR/STTR Transfer		-1.940	-			
• Other Adjustments		-5.606	-	-0.836	-	-0.836
Change Summary Explanation						
FY13: Decrease is due to sequestration.						
FY14: Decrease due to Congressional mark for "forward funding".						
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2013	FY 2014	FY 2015
Title: Combatant Command Support				25.014	19.831	23.562
Description: Funding supports development and testing of various tools critical to achieve COCOM military objectives. To include research, studies, integration, analysis, access development and operational assessment of cyberspace capabilities, methodologies and tactics in support of COCOM objectives.						
FY 2013 Accomplishments: (U//FOUO) Funding supported studies, analysis, testing and development of cyber operations capabilities and tools in support of Combatant Command objectives. Provided seed funding for cyber capabilities and tools, and expediting technology transition from the laboratory to operational use, in support of Combatant Command operational requirements. Funded development of a framework to underpin analytic and targeting efforts, and advanced reverse engineering efforts. Additionally, funding supported development of a common suite of tools for the S&TI centers and service cyber elements to perform cyber analysis in support of Combatant Command military objectives.						
FY 2014 Plans: Supports studies, analysis, testing and development of cyber operations capabilities and tools in support of Combatant Command military objectives. Supports advanced reverse engineering efforts, development of Electronic Warfare and cyberspace targeting efforts, a framework to underpin analytic and targeting efforts and seed funding for cyber capabilities and tools in						

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C. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014	FY 2015
support of cyber operations requirements.				
FY 2015 Plans: (U//FOUO) Supports studies, analysis, testing and development of cyber operations capabilities and tools in support of Combatant Command military objectives. Supports advanced reverse engineering efforts, development of EW and cyberspace targeting efforts, a framework to underpin analytic and targeting efforts and seed funding for cyber capabilities and tools in support of cyber operations requirements.				
Title: Defend the Nation Description: Supports the development of a diverse cyber capability portfolio to enable SEE, BLOCK, and MANEUVER efforts in order to defeat a wide variety of cyber attacks. Efforts include research, integration, analysis, access development, training, testing, and assessments for offensive, defensive, and situational awareness capabilities. FY 2013 Accomplishments: Supported development, prototyping and testing of various cyber capabilities and tools, and cyber operations infrastructure technologies allowing USCYBERCOM to rapidly respond to any significant cyber activities and determine if there is a possible cyber attack on the DODIN, critical infrastructure, and or other national assets or interests. Funding also supported research supporting secure technology to protect critical infrastructure, certification of the Cyber Mission Forces, cyber target development, and technical and subject matter expertise, system engineering and technical assurance support. FY 2014 Plans: Supports development, prototyping, and testing of tools for Defend the Nation cyber operations. Supports advanced, transition and technology assessment of a joint cyber operations infrastructure technologies, research supporting secure technology to protect critical infrastructure, development of the process and sustainment structure for Cyber Mission Force teams, and technical and subject matter expertise for systems engineering and technical assurance. FY 2015 Plans: Support development, prototyping, and testing of tools to support Defend the Nation requirements and cyber operations. Funding supports technology research for critical infrastructure protection, and advanced development, transition and technology assessment of a joint cyber operations infrastructure. Additionally, funding will provide technical and subject matter expertise for systems engineering and technical assurance, cyber capability strategy, guidance and requirements.		18.338	8.714	23.369
Title: Operate and Defend the DoDIN and CYBER Situational Awareness Description: Funding supports engineering and development of tools, data strategy, and management of a common operating picture support operations focused on cyber key terrain at the global and national level and for cyber situational awareness for the services and COCOMs to support operations focused on cyber key terrain at the global and national level.		15.990	9.554	20.126

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C. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014	FY 2015
<i>FY 2013 Accomplishments:</i> Supported tool development, engineering, data strategy, and management of a common operating picture that aided USCYBERCOM in planning coordinating, integrating, synchronizing and conducting operations in defense of specified Department of Defense information networks. Funding supports engineering, data strategy management and SME support to the Evaluation of Alternatives (EOA) for the Cyber Situational Awareness <i>FY 2014 Plans:</i> Supports cyber operations tools development, engineering, data strategy, and development of a common operating picture to support USCYBERCOM in planning, coordinating, integrating, synchronizing and conducting operations in defense of specified Department of Defense information networks. Funding supports tool development for Joint Cyber Centers with an event detection capability and engineering support to ensure smooth integration and development. Funding supports efforts to solve operational limitations, vulnerabilities and requirements. <i>FY 2015 Plans:</i> Will continue to support cyber operations tools development, engineering, data strategy, and development of a common operating picture that enables USCYBERCOM to conduct operations in defense of specified Department of Defense information networks. Funding supports tool development for Joint Cyber Centers with an event detection capability and engineering support to ensure smooth integration and development. Funding supports efforts to solve operational limitations, vulnerabilities and requirements.				
Accomplishments/Planned Programs Subtotals		59.342	38.099	67.057
<u>D. Other Program Funding Summary (\$ in Millions)</u> N/A <u>Remarks</u> <u>E. Acquisition Strategy</u> (U) Contracts will be awarded under full and open competition whenever possible. Variations of both Fixed Price (FP) and Cost Plus (CP) contracting vehicles will be used and managed by various Service Components <u>F. Performance Metrics</u> Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.				

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Air Force

Date: March 2014

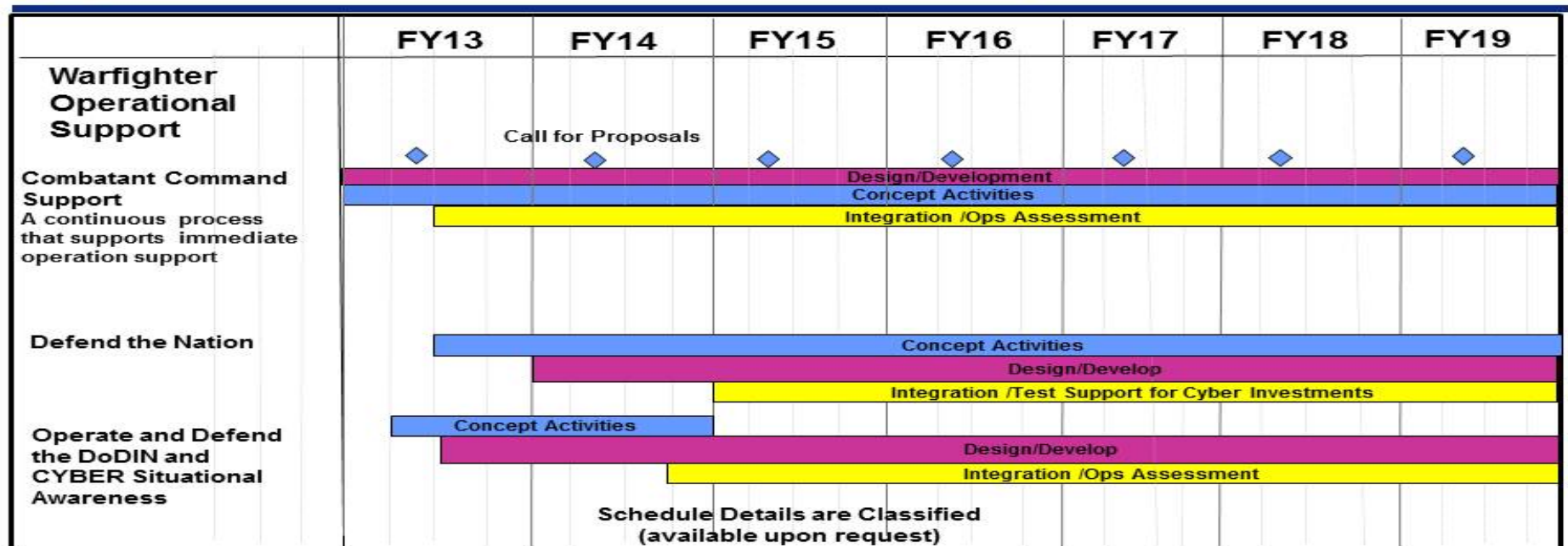
Appropriation/Budget Activity
3600 / 7

R-1 Program Element (Number/Name)
PE 0208059F / CYBER COMMAND
ACTIVITIES

Project (Number/Name)
676002 / Cyber Systems Modernization





US Cyber Command Development & Operations Schedule



 Concept activities
 Production / fielding

 Design / development
 Pre-Production

 Call for Proposals
 Integration / Op Assessment