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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2024 Air Force **Date:** March 2023

<b>Appropriation/Budget Activity</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force I BA 4: Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0306415F / <i>Enabled Cyber Activities</i>
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COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
Total Program Element	-	23.511	16.728	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	40.239
646008: <i>US Cyber Command Technology Development</i>	-	23.511	16.728	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	40.239
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-	-	-

**Note**

In FY 2024, PE 0306415F, (Cyber Operations Technology Development), Project 646008, (US Cyber Command Technology Development) efforts were transferred to PE 0208059JCYF, (CYBERCOM Activities), Project CY04, (CYBERCOM Activities), in order to satisfy SECDEF requirements to transfer combatant command support agent responsibilities from the Air Force to the Army.

**A. Mission Description and Budget Item Justification**

US Cyber Command's (USCYBERCOM) mission is to deter or defeat strategic threats to US interests and infrastructure, provide mission assurance for the operations and defense of the Department of Defense information environment, and support the achievement of joint force commander objectives.

USCYBERCOM develops or procures capabilities to enable Electronic Warfare and cyber-peculiar technologies for use by the Cyber Mission Forces (CMF).

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY22 \$0.000M was expended for civilian pay expenses in this program element, and in FY23 \$0.000M is forecasted for civilian pay expenses in this program element.

This effort is in Budget Activity 4, Advanced Component Development and Prototypes (ACD&P), because efforts are necessary to evaluate integrated technologies, representative modes or prototype systems in a high fidelity and realistic operating environment.

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<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024 Base</b>	<b>FY 2024 OCO</b>	<b>FY 2024 Total</b>
Previous President's Budget	24.359	16.728	0.000	0.000	0.000
Current President's Budget	23.511	16.728	0.000	0.000	0.000
Total Adjustments	-0.848	0.000	0.000	0.000	0.000
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	-0.848	0.000			
• Other Adjustments	0.000	0.000	0.000	0.000	0.000

<b>C. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>
<b>Title:</b> Cyber Technology Development	23.511	16.728	0.000
<b>Description:</b> Adapted Electronic Warfare (EW) technology to facilitate the development and delivery of EW and cyber-peculiar capabilities.  The origin, details and specific aspects of these efforts are classified.			
<b>FY 2023 Plans:</b> - Adapt EW technology and cyber-peculiar capabilities to gain access to targeted enemy forces. - Enhance the open source Open CPI framework that will allow the services and USCYBERCOM to develop Title 10 off-net effects. - Migrate segregated capabilities and Cyber/EW weapons systems onto Common Attack Platforms by implementing common frameworks and common hosting solutions. - The specific details and aspects of these cyber activities are classified and will be provided on a need-to-know basis.			
<b>FY 2024 Plans:</b> N/A			
<b>FY 2023 to FY 2024 Increase/Decrease Statement:</b> FY24 funding transferred to the Army in accordance SECDEF requirements.			
<b>Accomplishments/Planned Programs Subtotals</b>	23.511	16.728	0.000

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**D. Other Program Funding Summary (\$ in Millions)**

N/A

**Remarks**

**E. Acquisition Strategy**

Facilitate the delivery of new Electronic Warfare (EW) cyber capability, by applying innovative solutions for existing and emerging technologies. Contracts are awarded under full and open competition whenever possible. Variations of both Fixed Price (FP) and Cost Plus (CP) contracting vehicles will be executed and managed by USCYBERCOM Acquisition authority, as well as various Service Component contracting offices, other Defense Agency contracting offices and the National Security Agency contracting offices.





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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2024 Air Force		<b>Date:</b> March 2023
<b>Appropriation/Budget Activity</b> 3600 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0306415F / <i>Enabled Cyber Activities</i>	<b>Project (Number/Name)</b> 646008 / <i>US Cyber Command Technology Development</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Electronic Warfare (EW) Capabilities</i></b>				
EW Capability Spiral (annual)	1	2022	4	2023
SATCOM Capability Spiral (annual)	1	2022	4	2023
Communications Capabiliy Spiral (annual)	1	2022	4	2023