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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2024 United States Cyber Command **Date:** March 2023

<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 7: Operational Systems Development</i>	<b>R-1 Program Element (Number/Name)</b> PE 0208097JCY I <i>Cyber Command and Control (C2)</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	0.000	0.000	0.000	95.733	-	95.733	96.932	98.358	99.893	100.772	Continuing	Continuing
CY02: <i>Cyber Command and Control (C2)</i>	0.000	0.000	0.000	95.733	-	95.733	96.932	98.358	99.893	100.772	Continuing	Continuing

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

Cyber Command and Control (C2) provides Combatant Commanders, Joint Force Commanders and Service Component Commanders with enhanced situational awareness and battle management for cyberspace operations missions and forces. C2 establishes congressionally directed focal point to provide integrated C2 solutions to all echelons for execution of cyberspace operations to enable and accelerate planning/collaboration between Cyber Mission Forces (CMF) and Combatant Commands (CCMD).

This program will integrate Cyber Command and Control (C2) with Joint, Coalition and inter-agency C2 to enhance multi-domain operations, reduce planning time, improve decision quality and speed resulting in a shorter kill chain. Capabilities will be developed to address the CMF used to conduct cyberspace operations. Additionally, it will leverage and utilize a Continuous Infrastructure/Continuous Development (CI/CD) Framework to pace development with warfighter need. C2 development activities include, but are not limited to: rapid prototyping, development of software/hardware systems; integration and transition of lab developed cyber capabilities to the warfighter; testing and evaluation; program management, studies, analysis, pilots, and demonstrations; risk reduction for emerging technologies; and development and assessment of operational systems for inclusion into C2 to meet capability requirements.

This program is in Budget Activity 7, Operational System Development because this budget activity includes 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.

This program element includes non-USCYBERCOM civilian pay expenses required to manage, execute, and deliver existing or emergent support weapon system capability in accordance with a USCC MOA with US Air Force.

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<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 7: Operational Systems Development</i>	<b>R-1 Program Element (Number/Name)</b> PE 0208097JCY I <i>Cyber Command and Control (C2)</i>
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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	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	95.733	-	95.733
Total Adjustments	0.000	0.000	95.733	-	95.733
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Transfer-In / PDM and PBD Growth	0.000	0.000	95.733	-	95.733

**Change Summary Explanation**

In FY 2024, the Military Services and the Defense Information Services Agency (DISA) transferred resources to USCYBERCOM. The transfer of the responsibilities for the planning, programming, budgeting, and execution of these resources to USCYBERCOM satisfy Congressional requirements contained in the FY22 NDAA, Section 1507 (Public Law 117-81, December 27, 2021).

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2024 United States Cyber Command										<b>Date:</b> March 2023		
<b>Appropriation/Budget Activity</b> 0400 / 7					<b>R-1 Program Element (Number/Name)</b> PE 0208097JCY / Cyber Command and Control (C2)				<b>Project (Number/Name)</b> CY02 / Cyber Command and Control (C2)			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024 Base</b>	<b>FY 2024 OCO</b>	<b>FY 2024 Total</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
CY02: Cyber Command and Control (C2)	0.000	0.000	0.000	95.733	-	95.733	96.932	98.358	99.893	100.772	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

Cyber Command and Control (C2) provides Combatant Commanders, Joint Force Commanders and Service Component Commanders with enhanced situational awareness and battle management for cyberspace operations missions and forces. C2 establishes congressionally directed focal point to provide integrated C2 solutions to all echelons for execution of cyberspace operations to enable and accelerate planning/collaboration between Cyber Mission Forces (CMF) and Combatant Commands (CCMD).

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**B. Accomplishments/Planned Programs (\$ in Millions)**

	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>
<b>Title:</b> Cyber Command and Control (C2)	-	-	95.733
<b>Description:</b> Program activities occur at multiple operating locations, to support development and evaluation activities, and JCC2 baseline efforts to provide capabilities. Actions include system and software engineering, risk management, developmental framework management, and the execution of acquisition activities.			
<b>FY 2024 Plans:</b> Program activities develop Mission Relevant Terrain in Cyberspace, to include real-time data flows to the JCC2 Threat Awareness application suite; create, deliver, and integrate the Force Readiness/Presentation capability; develop/improve tools to increase			

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<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208097JCY / Cyber Command and Control (C2)	<b>Project (Number/Name)</b> CY02 / Cyber Command and Control (C2)
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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	FY 2022	FY 2023	FY 2024
<p>shared situational/battle space awareness, cyber ops planning and cyber sensing capabilities based on real-world use during offensive/defensive cyber operations and develop a capability to use a common framework for cyber risk assessments, to include development of a common data schema; execute support contract for Help Desk and IT Service Management services; develop application program interfaces for development and integration of data sources; develop a framework for expedient and flexible requirements gathering, processing, and capability delivery; migrate capabilities to cloud service to streamline scaling and support faster delivery, to include migration to the JCC2 Amazon Web Service (AWS) managed environment; enhance automation for mapping/monitoring of mission relevant terrain at all domains; integrate Situational Awareness and Battle Management capabilities in support of the Joint Cyber Warfighting Architecture (JCWA) requirements construct and scale and deliver capability through an agile development model, delivering operational capabilities as determined by governance process.</p> <p><b>FY 2023 to FY 2024 Increase/Decrease Statement:</b> In FY 2024, the Military Services and the Defense Information Services Agency (DISA) transferred resources to USCYBERCOM. The transfer of the responsibilities for the planning, programming, budgeting, and execution of these resources to USCYBERCOM satisfy Congressional requirements contained in the FY22 NDAA, Section 1507 (Public Law 117-81, December 27, 2021).</p>			
<b>Accomplishments/Planned Programs Subtotals</b>	-	-	95.733

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

N/A

**Remarks**

**D. Acquisition Strategy**

C2 is in the Software Acquisition Execution Phase which enables continuous integration and delivery of software capability at the speed of relevance. C2 will apply agile acquisition tenants to the programmatic, design/engineering, test, and delivery aspects to provide an ability to rapidly deliver Situational Awareness/C2 capabilities to the warfighter. C2 is transitioning from a collection of distinct, special-purpose tools to an integrated joint C2 capability to reduce overall lifecycle costs, improve interoperability, and increase information sharing across the CCMDs.

As part of a streamlined approach the C2 program office is utilizing new and existing contract vehicles as well as concept, development, risk management, production, and deployment plans as part of a streamlined approach. The C2 program office has established a continuous integration/continuous development (CI/CD) pipeline to facilitate the rapid development, integration, and fielding of capabilities to remain responsive to evolving warfighter requirements. The C2 program will execute the agile development requirements provided by USCYBERCOM, Army, Navy, Marine Corps, and Air Force stakeholders in accordance with the prioritization provided by the multi-Service C2 governance structure.

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 United States Cyber Command** **Date:** March 2023

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<b>Product Development (\$ in Millions)</b>				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
CI/CD Infrastructure	Various	Multiple : Multiple	-	-		-		4.800	Feb 2024	-		4.800	Continuing	Continuing	-
Agile Capability Development	Various	Multiple : Multiple	-	-		-		51.941	Feb 2024	-		51.941	Continuing	Continuing	-
<b>Subtotal</b>			-	-		-		56.741		-		56.741	Continuing	Continuing	N/A

<b>Support (\$ in Millions)</b>				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Direct Cite Authority Civilian Pay	TBD	Multiple : Various	-	-		-		7.200	Oct 2023	-		7.200	Continuing	Continuing	-
<b>Subtotal</b>			-	-		-		7.200		-		7.200	Continuing	Continuing	N/A

<b>Test and Evaluation (\$ in Millions)</b>				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Test and Evaluation	C/CPAF	Multiple : Multiple	-	-		-		2.200	Oct 2023	-		2.200	Continuing	Continuing	-
<b>Subtotal</b>			-	-		-		2.200		-		2.200	Continuing	Continuing	N/A

<b>Management Services (\$ in Millions)</b>				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Acquisition Support	Various	Multiple : Multiple	-	-		-		29.592	Nov 2023	-		29.592	Continuing	Continuing	-
<b>Subtotal</b>			-	-		-		29.592		-		29.592	Continuing	Continuing	N/A

			Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
<b>Project Cost Totals</b>			-	-	-	95.733	-	95.733	Continuing	Continuing	N/A

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2024 United States Cyber Command							<b>Date:</b> March 2023			
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	<b>Prior Years</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024 Base</b>	<b>FY 2024 OCO</b>	<b>FY 2024 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>	

**Remarks**

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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2024 United States Cyber Command		<b>Date:</b> March 2023
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208097JCY / <i>Cyber Command and Control (C2)</i>	<b>Project (Number/Name)</b> CY02 / <i>Cyber Command and Control (C2)</i>

FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4

<b><i>Joint Cyber Command and Control</i></b>	
Continuous Integration and Continuous Delivery Infrastructure	
Agile Capability Development	

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2024 United States Cyber Command		<b>Date:</b> March 2023
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Joint Cyber Command and Control</i></b>				
Continuous Integration and Continuous Delivery Infrastructure	1	2024	4	2028
Agile Capability Development	1	2024	4	2028