Department of Defense
Fiscal Year (FY) 2024 Budget Estimates

March 2023

United States Cyber Command

Defense-Wide Justification Book Volume 5 of 5

Research, Development, Test & Evaluation, Defense-Wide

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United States Cyber Command • Budget Estimates FY 2024 • RDT&E Program

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Department of Defense
FY 2024 President's Budget
Exhibit R-1 FY 2024 President's Budget
Total Obligational Authority
(Dollars in Thousands)

Mar 2023

Appropriation	FY 2022 Actuals	FY 2023 Less Supplementals Enactment	FY 2023 Supplementals Enactment[*]	FY 2023 Total Enactment	FY 2024 Request
Research, Development, Test and Evaluation, Defense-Wide					1,056,991
Total Research, Development, Test, & Evaluation					**1,056,991**

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

Department of Defense
FY 2024 President's Budget
Exhibit R-1 FY 2024 President's Budget
Total Obligational Authority
(Dollars in Thousands)

Mar 2023

	FY 2022 Actuals	FY 2023 Less Supplementals Enactment	FY 2023 Supplementals Enactment*	FY 2023 Total Enactment	FY 2024 Request
Summary Recap of Budget Activities					
Advanced Component Development & Prototypes					353,315
Operational Systems Development					703,676
Total Research, Development, Test, & Evaluation					**1,056,991**
Summary Recap of FYDP Programs					
General Purpose Forces					584,937
Intelligence and Communications					472,054
Total Research, Development, Test, & Evaluation					**1,056,991**

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional
Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

Defense-Wide
FY 2024 President's Budget
Exhibit R-1 FY 2024 President's Budget
Total Obligational Authority
(Dollars in Thousands)

Mar 2023

	FY 2022 Actuals	FY 2023 Less Supplementals Enactment	FY 2023 Supplementals Enactment*	FY 2023 Total Enactment	FY 2024 Request
Summary Recap of Budget Activities					
Advanced Component Development & Prototypes					353,315
Operational Systems Development					703,676
Total Research, Development, Test, & Evaluation					**1,056,991**
Summary Recap of FYDP Programs					
General Purpose Forces					584,937
Intelligence and Communications					472,054
Total Research, Development, Test, & Evaluation					**1,056,991**

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional
 Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

Defense-Wide
FY 2024 President's Budget
Exhibit R-1 FY 2024 President's Budget
Total Obligational Authority
(Dollars in Thousands)

Mar 2023

Appropriation	FY 2022 Actuals	FY 2023 Less Supplementals Enactment	FY 2023 Supplementals Enactment*	FY 2023 Total Enactment	FY 2024 Request
U.S., CYBERCOM					1,056,991
Total Research, Development, Test and Evaluation, Defense-Wide					**1,056,991**

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional
 Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

Defense-Wide
FY 2024 President's Budget
Exhibit R-1 FY 2024 President's Budget
Total Obligational Authority
(Dollars in Thousands)

Mar 2023

Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enactment	FY 2023 Supplementals Enactment*	FY 2023 Total Enactment
119	0208059JCY	CYBERCOM Activities	04	U				
120	0208085JCY	Robust Infrastructure and Access	04	U				
121	0208086JCY	Cyber Training Environment (CTE)	04	U				
125	0305251JCY	Cyberspace Operations Forces and Force Support	04	U				
Advanced Component Development & Prototypes								
209	0208097JCY	Cyber Command and Control (Cyber C2)	07	U				
210	0208099JCY	Data and Unified Platform (D&UP)	07	U				
257	0306250JCY	Cyber Operations Technology Support	07	U				
Operational Systems Development								

Total Research, Development, Test and Evaluation, Defense-Wide

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional
 Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

Defense-Wide
FY 2024 President's Budget
Exhibit R-1 FY 2024 President's Budget
Total Obligational Authority
(Dollars in Thousands)

Mar 2023

Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line No	Program Element Number	Item	Act	Sec	FY 2024 Request
119	0208059JCY	CYBERCOM Activities	04	U	65,484
120	0208085JCY	Robust Infrastructure and Access	04	U	170,182
121	0208086JCY	Cyber Training Environment (CTE)	04	U	114,980
125	0305251JCY	Cyberspace Operations Forces and Force Support	04	U	2,669
		Advanced Component Development & Prototypes			**353,315**
209	0208097JCY	Cyber Command and Control (Cyber C2)	07	U	95,733
210	0208099JCY	Data and Unified Platform (D&UP)	07	U	138,558
257	0306250JCY	Cyber Operations Technology Support	07	U	469,385
		Operational Systems Development			**703,676**

Total Research, Development, Test and Evaluation, Defense-Wide   1,056,991

Mar 2023

Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enactment	FY 2023 Supplementals Enactment*	FY 2023 Total Enactment
119	0208059JCY	CYBERCOM Activities	04	U				
120	0208085JCY	Robust Infrastructure and Access	04	U				
121	0208086JCY	Cyber Training Environment (CTE)	04	U				
125	0305251JCY	Cyberspace Operations Forces and Force Support	04	U				
	Advanced Component Development & Prototypes							
209	0208097JCY	Cyber Command and Control (Cyber C2)	07	U				
210	0208099JCY	Data and Unified Platform (D&UP)	07	U				
257	0306250JCY	Cyber Operations Technology Support	07	U				
	Operational Systems Development							

Total U.S., CYBERCOM

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional
 Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

U.S., CYBERCOM
FY 2024 President's Budget
Exhibit R-1 FY 2024 President's Budget
Total Obligational Authority
(Dollars in Thousands)

Mar 2023

Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line No	Program Element Number	Item	Act	Sec	FY 2024 Request
119	0208059JCY	CYBERCOM Activities	04	U	65,484
120	0208085JCY	Robust Infrastructure and Access	04	U	170,182
121	0208086JCY	Cyber Training Environment (CTE)	04	U	114,980
125	0305251JCY	Cyberspace Operations Forces and Force Support	04	U	2,669
		Advanced Component Development & Prototypes			**353,315**
209	0208097JCY	Cyber Command and Control (Cyber C2)	07	U	95,733
210	0208099JCY	Data and Unified Platform (D&UP)	07	U	138,558
257	0306250JCY	Cyber Operations Technology Support	07	U	469,385
		Operational Systems Development			**703,676**
		Total U.S., CYBERCOM			**1,056,991**

Master Program Element Table of Contents (by Budget Activity then Line Item Number)

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Master Program Element Table of Contents (Alphabetically by Program Element Title)

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Program Element Table of Contents (by Budget Activity then Line Item Number)

Appropriation 0400: Research, Development, Test & Evaluation, Defense-Wide

Appropriation 0400: Research, Development, Test & Evaluation, Defense-Wide

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Program Element Table of Contents (Alphabetically by Program Element Title)

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

Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 4: *Advanced Component Development & Prototypes (ACD&P)*						**R-1 Program Element (Number/Name)** PE 0208059JCY *I CYBERCOM Activities*						

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	65.484	-	65.484	65.854	65.044	66.044	67.000	Continuing	Continuing
CY04: *CYBERCOM Activities*	0.000	0.000	0.000	65.484	-	65.484	65.854	65.044	66.044	67.000	Continuing	Continuing

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 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.

B. Program Change Summary ($ in Millions)

	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	65.484	-	65.484
Total Adjustments	0.000	0.000	65.484	-	65.484
• 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	65.484	-	65.484

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).

PE 0208059JCY: *CYBERCOM Activities*
United States Cyber Command

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Exhibit R-2A, **RDT&E Project Justification:** PB 2024 United States Cyber Command										**Date:** March 2023	
Appropriation/Budget Activity 0400 / 4				**R-1 Program Element (Number/Name)** PE 0208059JCY / *CYBERCOM Activities*						**Project (Number/Name)** CY04 / *CYBERCOM Activities*	
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**
CY04: *CYBERCOM Activities*	0.000	0.000	0.000	65.484	-	65.484	65.854	65.044	66.044	67.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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 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.

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2022**	**FY 2023**	**FY 2024**
Title: CYBERCOM Activities	0.000	-	65.484
Description: 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).			
FY 2024 Plans: CYBERCOM Activities will adapt Electronic Warfare technology and cyber-peculiar capabilities to gain access to targeted enemy forces. CYBERCOM Activities will enhance the open source Open CPI framework that will allow the services and USCYBERCOM to develop Title 10 off-net effects. CYBERCOM Activities will migrate segregated capabilities and Cyber/EW weapons systems onto Common Attack Platforms by implementing common frameworks and common hosting solutions.			
FY 2023 to FY 2024 Increase/Decrease Statement: 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).			
Accomplishments/Planned Programs Subtotals	0.000	-	65.484

C. Other Program Funding Summary ($ in Millions)
 N/A
Remarks

PE 0208059JCY: *CYBERCOM Activities*
United States Cyber Command

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Exhibit R-2A, **RDT&E Project Justification:** PB 2024 United States Cyber Command		**Date:** March 2023
Appropriation/Budget Activity 0400 **/** 4	**R-1 Program Element (Number/Name)** PE 0208059JCY **/** *CYBERCOM Activities*	**Project (Number/Name)** CY04 **/** *CYBERCOM Activities*

D. 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.

PE 0208059JCY: *CYBERCOM Activities*
United States Cyber Command

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Exhibit R-3, **RDT&E Project Cost Analysis:** PB 2024 United States Cyber Command													**Date:** March 2023		
Appropriation/Budget Activity 0400 / 4							**R-1 Program Element (Number/Name)** PE 0208059JCY / *CYBERCOM Activities*						**Project (Number/Name)** CY04 / *CYBERCOM Activities*		

Product Development ($ in Millions)				**FY 2022**		**FY 2023**		**FY 2024 Base**		**FY 2024 OCO**		**FY 2024 Total**			
Cost Category Item	**Contract Method & Type**	**Performing Activity & Location**	**Prior Years**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Cost To Complete**	**Total Cost**	**Target Value of Contract**
Cyber Technology	C/Various	Various : Various	-	-		-		65.484	Oct 2023	-		65.484	Continuing	Continuing	-
Subtotal			-	-		-		65.484		-		65.484	Continuing	Continuing	N/A

Remarks
 CYBERCOM Activities will migrate segregated capabilities and Cyber/EW weapons systems onto Common Attack Platforms by implementing common frameworks and
 common hosting solutions.

	Prior Years	**FY 2022**	**FY 2023**	**FY 2024 Base**	**FY 2024 OCO**	**FY 2024 Total**	**Cost To Complete**	**Total Cost**	**Target Value of Contract**
Project Cost Totals	-	-	-	65.484	-	65.484	Continuing	Continuing	N/A

Remarks

Exhibit R-4, **RDT&E Schedule Profile:** PB 2024 United States Cyber Command		**Date:** March 2023
Appropriation/Budget Activity 0400 / 4	**R-1 Program Element (Number/Name)** PE 0208059JCY / *CYBERCOM Activities*	**Project (Number/Name)** CY04 / *CYBERCOM Activities*

	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
Cyber Technology Department																												
Cyber Technology Department																												

PE 0208059JCY: *CYBERCOM Activities*
United States Cyber Command
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Exhibit R-4A, RDT&E Schedule Details: PB 2024 United States Cyber Command				**Date:** March 2023
Appropriation/Budget Activity 0400 / 4		**R-1 Program Element (Number/Name)** PE 0208059JCY *I CYBERCOM Activities*	**Project (Number/Name)** CY04 *I CYBERCOM Activities*	

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Schedule Details

</div>

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Cyber Technology Department				
Cyber Technology Department	1	2024	4	2028

PE 0208059JCY: *CYBERCOM Activities*
United States Cyber Command

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

Appropriation/Budget Activity	R-1 Program Element (Number/Name)
0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	PE 0208085JCY *I Robust Infrastructure and Access*

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	170.182	-	170.182	168.080	126.283	127.397	122.859	Continuing	Continuing
CY05: *Robust Infrastructure and Other Cyber Operations Infrastructure*	0.000	0.000	0.000	170.182	-	170.182	168.080	126.283	127.397	122.859	Continuing	Continuing

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 the Joint Force Commander's objectives.

The Joint Common Access Platform (JCAP) supports USCYBERCOM by providing a protected, managed, orchestrated environment and common firing platform to coordinate and execute the delivery of cyber effects against approved targets. This capability enables Cyber Mission Forces' (CMF) ability to execute operations while managing detection and attribution. The JCAP program leverages existing service access platform programs, with the objective of combining, enhancing, and evolving existing program baselines into a "Best of Breed" JCAP.

B. Program Change Summary ($ in Millions)

	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	170.182	-	170.182
Total Adjustments	0.000	0.000	170.182	-	170.182
• 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	170.182	-	170.182

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).

PE 0208085JCY: *Robust Infrastructure and Access*
United States Cyber Command

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Exhibit R-2A, RDT&E Project Justification: PB 2024 United States Cyber Command										Date: March 2023	
Appropriation/Budget Activity 0400 *I* 4				**R-1 Program Element (Number/Name)** PE 0208085JCY *I Robust Infrastructure and Access*				**Project (Number/Name)** CY05 *I Robust Infrastructure and Other Cyber Operations Infrastructure*			
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**
CY05: *Robust Infrastructure and Other Cyber Operations Infrastructure*	0.000	0.000	0.000	170.182	-	170.182	168.080	126.283	127.397	122.859	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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 the Joint Force Commander's objectives.

The Joint Common Access Platform (JCAP) supports USCYBERCOM by providing a protected, managed, orchestrated environment and common firing platform to coordinate and execute the delivery of cyber effects against approved targets. This capability enables Cyber Mission Forces' (CMF) ability to execute operations while managing detection and attribution. The JCAP program leverages existing service access platform programs, with the objective of combining, enhancing, and evolving existing program baselines into a "Best of Breed" JCAP.

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2022**	**FY 2023**	**FY 2024**
Title: Joint Common Access Platform (JCAP)	0.000	-	89.452
Description: The JCAP supports USCYBERCOM by providing a protected, managed, orchestrated environment and common firing platform to coordinate and execute the delivery of cyber effects against approved targets. This capability enables CMF's ability to execute operations while managing detection and attribution. The JCAP program leverages existing service access platform programs, with the objective of combining, enhancing, and evolving existing program baselines into a "Best of Breed" JCAP. **FY 2024 Plans:** FY 2024 JCAP funding will reflect Commander United States Cyber Command (CDRUSCYBERCOM) priorities within platform releases to include capability improvements that enhance CMF operations and support mission readiness. The JCAP platform will continue collaboration with all stakeholders within the Joint Cyber Warfighting Architecture (JCWA), and continue integration efforts across the JCWA portfolio as prioritized through USCYBERCOM. **FY 2023 to FY 2024 Increase/Decrease Statement:** 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).			
Title: Other Cyber Operations Infrastructure	0.000	-	80.730

Exhibit R-2A, **RDT&E Project Justification:** PB 2024 United States Cyber Command		**Date:** March 2023
Appropriation/Budget Activity 0400 *I* 4	**R-1 Program Element (Number/Name)** PE 0208085JCY *I Robust Infrastructure and Access*	**Project (Number/Name)** CY05 *I Robust Infrastructure and Other Cyber Operations Infrastructure*

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2022**	**FY 2023**	**FY 2024**
Description: Other Cyber Operations Infrastructure details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book. *FY 2024 Plans:* Other Cyber Operations Infrastructure details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book. *FY 2023 to FY 2024 Increase/Decrease Statement:* 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).			
Accomplishments/Planned Programs Subtotals	0.000	-	170.182

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

Other Cyber Operations Infrastructure details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book.

PE 0208085JCY: *Robust Infrastructure and Access*
United States Cyber Command
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Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 United States Cyber Command		Date: March 2023
Appropriation/Budget Activity 0400 I 4	R-1 Program Element (Number/Name) PE 0208085JCY I Robust Infrastructure and Access	Project (Number/Name) CY05 I Robust Infrastructure and Other Cyber Operations Infrastructure

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
JCAP	C/Various	Various : Various	-	-		-		89.452	Oct 2023	-		89.452	Continuing	Continuing	-
Other Cyber Operations Infrastructure	C/Various	Various : Various	-	-		-		80.730		-		80.730	Continuing	Continuing	-
Subtotal			-	-		-		170.182		-		170.182	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
Project Cost Totals	-	-	-	170.182	-	170.182	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2024 United States Cyber Command		Date: March 2023
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0208085JCY / Robust Infrastructure and Access	Project (Number/Name) CY05 / Robust Infrastructure and Other Cyber Operations Infrastructure

	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
Joint Common Access Platform (JCAP)																												
Joint Common Access Platform (JCAP)																												
Other Cyber Operations Infrastructure																												
Other Cyber Operations Infrastructure																												

PE 0208085JCY: *Robust Infrastructure and Access*
United States Cyber Command

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Exhibit R-4A, RDT&E Schedule Details: PB 2024 United States Cyber Command			Date: March 2023	
Appropriation/Budget Activity 0400 *I* 4	**R-1 Program Element (Number/Name)** PE 0208085JCY *I Robust Infrastructure and Access*		**Project (Number/Name)** CY05 *I Robust Infrastructure and Other Cyber Operations Infrastructure*	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Joint Common Access Platform (JCAP)				
Joint Common Access Platform (JCAP)	1	2024	4	2028
Other Cyber Operations Infrastructure				
Other Cyber Operations Infrastructure	1	2024	4	2028

PE 0208085JCY: *Robust Infrastructure and Access*
United States Cyber Command

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

Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 4: *Advanced Component Development & Prototypes (ACD&P)*					R-1 Program Element (Number/Name) PE 0208086JCY *I Cyber Training Environment*						

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	114.980	-	114.980	158.345	126.987	123.271	139.613	Continuing	Continuing
CY01: *Cyber Training Environment*	0.000	0.000	0.000	114.980	-	114.980	158.345	126.987	123.271	139.613	Continuing	Continuing

Note

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A. Mission Description and Budget Item Justification

Persistent Cyber Training Environment (PCTE) supports the United States Cyber Command (USCYBERCOM) by enabling the critical need for the DoD Cyber Mission Force (CMF) to train at the individual, team, and force level. PCTE provides the DoD CMF with a standardized training capability that maximizes shared content across the Services. PCTE is able to emulate network environments as well as connect with other range environments and cyber training assets. The Program Executive Office for Simulation, Training, and Instrumentation (PEO STRI) was designated as the DoD Acquisition Lead for the PCTE and the program is directed by the 2016 National Defense Authorization Act, Section 1645. With the Joint Requirements Oversight Council (JROC) validation of the Information System - Capability Development Document (IS- CDD) on 4 November 2019, the PCTE program quickly achieved Milestone B on 6 December 2019. Through ongoing rapid prototyping efforts, the PCTE platform has fulfilled the critical need for a CMF standardized training capability upon release of PCTE Version 2 in Fourth Quarter Fiscal Year 2020, and continues to do so with ongoing version releases.

FY 2024 PCTE funding will focus on Commander United States Cyber Command (CDRUSCYBERCOM) priorities within platform releases to include capability improvements that enhance Cyber Mission Force (CMF) operations and support mission readiness. Areas of planned enhancements will focus on feature updates and capacity expansion required to deliver initial PCTE schoolhouse training, improved CMF Joint Qualification Requirements (JQRs) training and increased mission rehearsal capabilities. The PCTE platform will continue collaboration with all stakeholders within the Joint Cyber Warfighting Architecture (JCWA), and continue integration efforts across the JCWA portfolio as prioritized through USCYBERCOM. The PCTE platform will maintain accreditations at all required classification levels that to serve DoD CMF user training at the all domains classification levels. Platform infrastructure and licensing will be maintained to support the full DoD CMF user base.

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Exhibit R-2, **RDT&E Budget Item Justification:** PB 2024 United States Cyber Command			**Date:** March 2023	
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 4: *Advanced Component Development & Prototypes (ACD&P)*		**R-1 Program Element (Number/Name)** PE 0208086JCY *I Cyber Training Environment*		

B. Program Change Summary ($ in Millions)	**FY 2022**	**FY 2023**	**FY 2024 Base**	**FY 2024 OCO**	**FY 2024 Total**
Previous President's Budget	0.000	0.000	0.000	0.000	0.000
Current President's Budget	0.000	0.000	114.980	0.000	114.980
Total Adjustments	0.000	0.000	114.980	0.000	114.980
• 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	114.980	-	114.980

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).

Exhibit R-2A, **RDT&E Project Justification:** PB 2024 United States Cyber Command									**Date:** March 2023	
Appropriation/Budget Activity 0400 **/** 4				**R-1 Program Element (Number/Name)** PE 0208086JCY **/** *Cyber Training Environment*					**Project (Number/Name)** CY01 **/** *Cyber Training Environment*	

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**
CY01: *Cyber Training Environment*	0.000	0.000	0.000	114.980	-	114.980	158.345	126.987	123.271	139.613	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Persistent Cyber Training Environment (PCTE) supports the United States Cyber Command (USCYBERCOM) by enabling the critical need for the DoD Cyber Mission Force (CMF) to train at the individual, team, and force level. PCTE provides the DoD CMF with a standardized training capability that maximizes shared content across the Services. PCTE is able to emulated network environments as well as connect with other range environments and cyber training assets. The Program Executive Office for Simulation, Training, and Instrumentation (PEO STRI) is designated as the DoD Acquisition Lead for the PCTE and the program is directed by the 2016 National Defense Authorization Act, Section 1645. With the Joint Requirements Oversight Council (JROC) validation of the Information System - Capability Development Document (IS- CDD) on 4 November 2019, the PCTE program quickly achieved Milestone B on 6 December 2019. Through ongoing rapid prototyping efforts, the PCTE platform fulfilled the critical need for a CMF standardized training capability upon release of PCTE Version 2 in the Fourth Quarter Fiscal Year 2020, and continues to do so with ongoing releases.

FY 2024 PCTE funding will focus on Commander United States Cyber Command (CDRUSCYBERCOM) priorities within platform releases to include capability improvements that enhance Cyber Mission Force (CMF) operations and support mission readiness. Areas of planned enhancements will focus on feature updates and capacity expansion required to deliver initial PCTE schoolhouse training, improved CMF Joint Qualification Requirements (JQRs) training and increased mission rehearsal capabilities. The PCTE platform will continue collaboration with all stakeholders within the Joint Cyber Warfighting Architecture (JCWA) and continue integration efforts across the JCWA portfolio as prioritized through USCYBERCOM. The PCTE platform will maintain accreditations at all required classification levels that serve the DoD CMF for user training on all domain levels. Platform infrastructure and licensing will be maintained to support the full DoD CMF user base.

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2022**	**FY 2023**	**FY 2024**
Title: Event Management for Persistent Cyber Training Environment (PCTE)	0.000	-	68.221
Description: Design, build and iterate PCTE capabilities; build upon individual, collective and institutional training features supporting operational force training requirements supported by standardized training assessment tools and capabilities; develop improved readiness functions, event scheduling, allocation and management for PCTE to include event design, planning, and execution.			
FY 2024 Plans: FY 2024 PCTE funding will focus on Commander United States Cyber Command (CDRUSCYBERCOM) priorities within platform releases to include capability improvements that enhance Cyber Mission Force (CMF) operations and support mission readiness. Areas of planned enhancements are comprised of PCTE application features and capability updates required to accelerate initial			

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Exhibit R-2A, RDT&E Project Justification: PB 2024 United States Cyber Command				**Date:** March 2023	
Appropriation/Budget Activity 0400 *I* 4		**R-1 Program Element (Number/Name)** PE 0208086JCY *I Cyber Training Environ ment*		**Project (Number/Name)** CY01 *I Cyber Training Environment*	

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2022**	**FY 2023**	**FY 2024**
PCTE schoolhouse training, improve CMF Joint Qualification Requirements (JQRs) training, and increase mission rehearsal capabilities. Improvements to features such as readiness assessment, traffic generation, learning management, training content development and discoverability will continue to mature to support USCYBERCOM holistic readiness objectives. ***FY 2023 to FY 2024 Increase/Decrease Statement:*** 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).			
Title: Environment Operations and Management for Persistent Cyber Training Environment (PCTE) ***Description:*** Development of PCTE with mission-relevant terrain and realistic vignettes/scenarios as part of a system (syllabus) of individual and collective training that includes certification and real-world mission rehearsals. ***FY 2024 Plans:*** FY 2024 PCTE funding will continue to focus on USCYBERCOM priorities to integrate the capability as part of the JCWA data fabric in collaboration with all component stakeholders. To enhance Cyber Mission Force (CMF) operations and support mission readiness, PCTE plans to focus on JCWA mission objectives that increase mission relevant content sharing, integration computation and data exchange. ***FY 2023 to FY 2024 Increase/Decrease Statement:*** 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).	0.000	-	7.399
Title: Physical and Virtual Connectivity for the Persistent Cyber Training Environment (PCTE) ***Description:*** PCTE maintains an infrastructure that is highly dynamic mainly consisting of Regional Compute and Storage (RCS) nodes that enables on demand, reliable, and secure virtual access from anywhere participants are geographically located. Additionally, the PCTE RCS infrastructure creates a core cyber exercise integrated network and event management platform to support CMF training on all domains and classification levels. ***FY 2024 Plans:*** FY 2024 PCTE funding will focus on CDRUSCYBERCOM priorities that enable the platform infrastructure to scale to meet Cyber Mission Force (CMF) readiness objectives. As part of the technical refresh strategy, PCTE will introduce a scalable enterprise platform infrastructure. This new approach provides enhancements to expand RCS capacity and deliver infrastructure improvements required to enable schoolhouse training on PCTE, significantly advance CMF Joint Qualification Requirements	0.000	-	37.610

Exhibit R-2A, **RDT&E Project Justification:** PB 2024 United States Cyber Command		**Date:** March 2023
Appropriation/Budget Activity 0400 *I* 4	**R-1 Program Element (Number/Name)** PE 0208086JCY *I Cyber Training Environment*	**Project (Number/Name)** CY01 *I Cyber Training Environment*

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2022**	**FY 2023**	**FY 2024**
(JQRs) training and increase mission rehearsal capabilities. To support readiness, PCTE infrastructure will continue to leverage DoD and commercial enterprise transport services at the Unclassified, Secret/Releasable, and Top-Secret enclaves. ***FY 2023 to FY 2024 Increase/Decrease Statement:*** 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).			
Title: Persistent Cyber Training Environment (PCTE) Test and Evaluation **Description:** PCTE integration, development, and operational testing which includes validation and verifications (V&V), operational assessments (OA), and testing in association with cyber training exercises. These areas are incorporated throughout the Product Manager (PM) Development Operations (DevOps) process in coordination with the Director, Operational Test and Evaluation (DOT&E). An Operational Test Authority (OTA) has been incorporated to conduct operational testing leveraging DevOps testing processes. ***FY 2024 Plans:*** Testing will continue in FY 2024 with integration and V&V testing of the PCTE capability on a per-version basis. To decrease the time it takes to identify and resolve emerging Cyber threats on the platform, PCTE will be subject to continuous Cybersecurity-focused test activities in FY 2024 through a concept called Persistent Cyber Operations. Operational Test efforts in FY 2024 include integration testing with other platforms within the Joint Capability Warfighter Architecture (JCWA). ***FY 2023 to FY 2024 Increase/Decrease Statement:*** 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).	0.000	-	1.750
Accomplishments/Planned Programs Subtotals	0.000	-	114.980

C. Other Program Funding Summary ($ in Millions)
 N/A
Remarks
 N/A

D. Acquisition Strategy
 The PCTE program employs an incremental acquisition strategy leveraging a number of contracting vehicles and acquisition streamlining methods to deliver capability rapidly and efficiently. Through the execution of existing cyber contracts, Other Transactional Authority (OTA) contracts, and Federal Acquisition Regulation (FAR)

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Exhibit R-2A, **RDT&E Project Justification:** PB 2024 United States Cyber Command		**Date:** March 2023
Appropriation/Budget Activity 0400 *I* 4	**R-1 Program Element (Number/Name)** PE 0208086JCY *I Cyber Training Environment*	**Project (Number/Name)** CY01 *I Cyber Training Environment*

based contracts, the PCTE program is able to continue enabling the PCTE platform to achieve scalability, optimization, innovation, and quality standards to meet the dynamic needs of the CMF user base. The Product Manager awarded an integration focused Single Award Indefinite Delivery/Indefinite Quantity (ID/IQ) contract to serve PCTE as well as other cyber community customers called the Cyber Training, Readiness, Integration, Delivery, and Enterprise Technology (TRIDENT) contract on Q1 FY2022. The Cyber TRIDENT contract enables PCTE to provide iterative capability provided to the CMF in Capability Drops (CDs) that either improve or add features. These CDs will be based on requirements contained and further developed as part of the PCTE Information System - Capability Development Document (IS-CDD). This is a major capability acquisition that will continue to deliver capability in line with Information Technology (IT) Box requirements strategy.

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

Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0208086JCY / Cyber Training Environment	Project (Number/Name) CY01 / Cyber Training Environment

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
PCTE Development and Integration Support	C/IDDQ	Various : Various	-	-		-		7.399	Mar 2024	-		7.399	Continuing	Continuing	-
PCTE Cyber Training, Readiness, Integration, Delivery, and Enterprise Technology (TRIDENT) Contract	C/IDDQ	Various : Various	-	-		-		63.705	May 2024	-		63.705	Continuing	Continuing	-
PCTE Development and Integration - Other Contracts	Option/ FFP	Various : Various	-	-		-		42.126	Apr 2024	-		42.126	Continuing	Continuing	-
Subtotal			-	-		-		113.230		-		113.230	Continuing	Continuing	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
PCTE Government Test and Evaluation	Option/ Various	Various : Various	-	-		-		1.750	Apr 2024	-		1.750	Continuing	Continuing	-
Subtotal			-	-		-		1.750		-		1.750	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
Project Cost Totals	-	-	-	114.980	-	114.980	Continuing	Continuing	N/A

Remarks

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Exhibit R-4, **RDT&E Schedule Profile:** PB 2024 United States Cyber Command		**Date:** March 2023
Appropriation/Budget Activity 0400 / 4	**R-1 Program Element (Number/Name)** PE 0208086JCY / *Cyber Training Environment*	**Project (Number/Name)** CY01 / *Cyber Training Environment*

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Exhibit R-4A, RDT&E Schedule Details: PB 2024 United States Cyber Command				**Date:** March 2023

Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0208086JCY / Cyber Training Environment	Project (Number/Name) CY01 / Cyber Training Environment

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
PCTE v8.0 (IS-CDD 2)				
PCTE v9.0	2	2024	2	2024
PCTE v10.0				
PCTE v11.0	4	2025	4	2025
PCTE v12.0				
PCTE v13.0	4	2026	4	2026

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Exhibit R-2, **RDT&E Budget Item Justification:** PB 2024 United States Cyber Command											**Date:** March 2023	
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 4: *Advanced Component Development & Prototypes (ACD&P)*						**R-1 Program Element (Number/Name)** PE 0305251JCY *I Cyberspace Operations Forces and Force Support*						

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	2.669	-	2.669	2.726	2.783	2.843	2.910	Continuing	Continuing
CY12: *Cyberspace Operations Forces and Force Support*	0.000	0.000	0.000	2.669	-	2.669	2.726	2.783	2.843	2.910	Continuing	Continuing

A. Mission Description and Budget Item Justification

JOINT FORCE HEADQUARTERS (JFHQ)/DOD INFORMATION NETWORK (DODIN) - JFHQ-DODIN's mission is to exercise command and control of DODIN Operations and Defensive Cyberspace Operations Internal Defensive Measures (DCO-IDM) globally in order to synchronize the protection of DoD components' capabilities to enable power projection and freedom of action across all DoD network enclaves and warfighting domains. The full mission scope of the JFHQ-DODIN includes: the critical daily requirement to protect the DODIN, a mature Joint Headquarters, management of requirements for global engagement, and the capability to assess the readiness of the DODIN against mission critical Combatant Command Requirements. JFHQ-DODIN provides unity of command between USCYBERCOM and subordinate headquarters and unity of effort with all other DoD Components. Ensures the DODIN is available and secure for Joint Missions, including effects delivered in and though cyberspace, guaranteeing that the readiness posture of DODIN is maintained.

B. Program Change Summary ($ in Millions)

	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	2.669	-	2.669
Total Adjustments	0.000	0.000	2.669	-	2.669
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Transfer-In and PDM/PBDs	0.000	0.000	2.669	-	2.669

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).

Exhibit R-2A, **RDT&E Project Justification:** PB 2024 United States Cyber Command										**Date:** March 2023	
Appropriation/Budget Activity 0400 *I* 4				**R-1 Program Element (Number/Name)** PE 0305251JCY *I Cyberspace Operations Forces and Force Support*					**Project (Number/Name)** CY12 *I Cyberspace Operations Forces and Force Support*		

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
CY12: *Cyberspace Operations Forces and Force Support*	0.000	0.000	0.000	2.669	-	2.669	2.726	2.783	2.843	2.910	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

JOINT FORCE HEADQUARTERS (JFHQ)/DOD INFORMATION NETWORK (DODIN) - JFHQ-DODIN's mission is to exercise command and control of DODIN Operations and Defensive Cyberspace Operations Internal Defensive Measures (DCO-IDM) globally in order to synchronize the protection of DoD components' capabilities to enable power projection and freedom of action across all DoD network enclaves and warfighting domains. The full mission scope of the JFHQ-DODIN includes: the critical daily requirement to protect the DODIN, a mature Joint Headquarters, management of requirements for global engagement, and the capability to assess the readiness of the DODIN against mission critical Combatant Command Requirements. JFHQ-DODIN provides unity of command between USCYBERCOM and subordinate headquarters and unity of effort with all other DoD Components. Ensures the DODIN is available and secure for Joint Missions, including effects delivered in and though cyberspace, guaranteeing that the readiness posture of DODIN is maintained.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2022	FY 2023	FY 2024
Title: Cyberspace Operations Forces and Force Support	0.000	-	2.669
FY 2024 Plans: Funding will provide research, development, testing and evaluation in support of Cyberspace Operations Forces and Force Support. Funds support efforts necessary to evaluate integrated technologies, representative modes or prototype systems in a high fidelity and realistic operating, environment. *FY 2023 to FY 2024 Increase/Decrease Statement:* 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).			
Accomplishments/Planned Programs Subtotals	0.000	-	2.669

C. Other Program Funding Summary ($ in Millions)
 N/A
Remarks

D. Acquisition Strategy
 N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 United States Cyber Command		Date: March 2023
Appropriation/Budget Activity 0400 *I* 4	**R-1 Program Element (Number/Name)** PE 0305251JCY *I Cyberspace Operations Forces and Force Support*	**Project (Number/Name)** CY12 *I Cyberspace Operations Forces and Force Support*

Product Development ($ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Cyberspace Operations Forces and Force Support	C/Various	Various : Various	-	-		-		2.669	Oct 2023	-		2.669	Continuing	Continuing	-
		Subtotal	-	-		-		2.669		-		2.669	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
Project Cost Totals	-	-	-	2.669	-	2.669	Continuing	Continuing	N/A

Remarks

PE 0305251JCY: *Cyberspace Operations Forces and Force S...*
United States Cyber Command

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Exhibit R-4, **RDT&E Schedule Profile:** PB 2024 United States Cyber Command		**Date:** March 2023
Appropriation/Budget Activity 0400 *I* 4	**R-1 Program Element (Number/Name)** PE 0305251JCY *I Cyberspace Operations Forces and Force Support*	**Project (Number/Name)** CY12 *I Cyberspace Operations Forces and Force Support*

	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
Cyberspace Operations Forces and Force Support																												
Cyberspace Operations Forces and Force Support									██	██	██	██	██	██	██	██	██	██	██	██	██	██	██	██	██	██	██	██

PE 0305251JCY: *Cyberspace Operations Forces and Force S...*
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Exhibit R-4A, **RDT&E Schedule Details:** PB 2024 United States Cyber Command		**Date:** March 2023
Appropriation/Budget Activity 0400 *I* 4	**R-1 Program Element (Number/Name)** PE 0305251JCY *I Cyberspace Operations Forces and Force Support*	**Project (Number/Name)** CY12 *I Cyberspace Operations Forces and Force Support*

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Cyberspace Operations Forces and Force Support				
Cyberspace Operations Forces and Force Support	1	2024	4	2028

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Exhibit R-2, RDT&E Budget Item Justification: PB 2024 United States Cyber Command											**Date:** March 2023	
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*					**R-1 Program Element (Number/Name)** PE 0208097JCY *I Cyber Command and Control (C2)*							
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: *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

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.

Exhibit R-2, **RDT&E Budget Item Justification:** PB 2024 United States Cyber Command				**Date:** March 2023	
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*			**R-1 Program Element (Number/Name)** PE 0208097JCY *I Cyber Command and Control (C2)*		
B. Program Change Summary ($ in Millions)	**FY 2022**	**FY 2023**	**FY 2024 Base**	**FY 2024 OCO**	**FY 2024 Total**
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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Exhibit R-2A, **RDT&E Project Justification:** PB 2024 United States Cyber Command										**Date:** March 2023	
Appropriation/Budget Activity 0400 *I* 7				**R-1 Program Element (Number/Name)** PE 0208097JCY *I Cyber Command and Control (C2)*				**Project (Number/Name)** CY02 *I Cyber Command and Control (C2)*			

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
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).

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 USCC MOA with US Air Force.

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2022**	**FY 2023**	**FY 2024**
Title: Cyber Command and Control (C2) *Description:* 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. *FY 2024 Plans:* 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	-	-	95.733

Exhibit R-2A, RDT&E Project Justification: PB 2024 United States Cyber Command		Date: March 2023	
Appropriation/Budget Activity 0400 **/** 7	**R-1 Program Element (Number/Name)** PE 0208097JCY **/** *Cyber Command and Control (C2)*	**Project (Number/Name)** CY02 **/** *Cyber Command and Control (C2)*	

B. Accomplishments/Planned Programs ($ in Millions)	FY 2022	FY 2023	FY 2024
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. ***FY 2023 to FY 2024 Increase/Decrease Statement:*** 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).			
Accomplishments/Planned Programs Subtotals	-	-	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.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 United States Cyber Command													Date: March 2023		
Appropriation/Budget Activity 0400 / 7							R-1 Program Element (Number/Name) PE 0208097JCY / Cyber Command and Control (C2)						Project (Number/Name) CY02 / Cyber Command and Control (C2)		

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
				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	-
Subtotal			-	-		-		56.741		-		56.741	Continuing	Continuing	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
				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	-
Subtotal			-	-		-		7.200		-		7.200	Continuing	Continuing	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
				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	-
Subtotal			-	-		-		2.200		-		2.200	Continuing	Continuing	N/A

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
				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	-
Subtotal			-	-		-		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
Project Cost Totals	-	-	-	95.733	-	95.733	Continuing	Continuing	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 United States Cyber Command							**Date:** March 2023		
Appropriation/Budget Activity 0400 *I* 7				**R-1 Program Element (Number/Name)** PE 0208097JCY *I Cyber Command and Control (C2)*			**Project (Number/Name)** CY02 *I Cyber Command and Control (C2)*		
	Prior Years	**FY 2022**	**FY 2023**	**FY 2024 Base**	**FY 2024 OCO**	**FY 2024 Total**	**Cost To Complete**	**Total Cost**	**Target Value of Contract**

Remarks

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

	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
Joint Cyber Command and Control																												
Continuous Integration and Continuous Delivery Infrastructure									██																			
Agile Capability Development									██																			

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Exhibit R-4A, **RDT&E Schedule Details:** PB 2024 United States Cyber Command		**Date:** March 2023
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0208097JCY *I Cyber Command and Control (C2)*	**Project (Number/Name)** CY02 *I Cyber Command and Control (C2)*

Schedule Details

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

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

Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*					**R-1 Program Element (Number/Name)** PE 0208099JCY *I Data and Unified Platform*							

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	138.558	-	138.558	113.884	109.029	111.860	113.334	Continuing	Continuing
CY03: *Unified Platform*	0.000	0.000	0.000	136.471	-	136.471	111.743	106.833	109.602	111.019	Continuing	Continuing
CY11: *Data Management*	0.000	0.000	0.000	2.087	-	2.087	2.141	2.196	2.258	2.315	Continuing	Continuing

A. Mission Description and Budget Item Justification

Unified Platform (UP) provides U.S. Cyber Command (USCYBERCOM) the Cyber Mission Forces and Service cyber components a Joint cyber operations infrastructure enabling full spectrum cyberspace operations at the operational through tactical levels of warfare as part of USCYBERCOM's Joint Cyber Warfighting Architecture (JCWA). USCYBERCOM requires an interconnected and interoperable cyber infrastructure to conduct integrated planning and execution of cyberspace operations to meet Combatant Commanders' requirements. UP delivers this capability through the integration of disparate firing platforms, existing or evolving systems, infrastructure, mission capabilities, data analytics, and programs used for military cyberspace operations to build on interoperable and scalable network for cyber capabilities. UP allows the DoD to achieve and maintain decision and operational superiority which is key to success within the dynamic cyberspace domain.

UP Foundational Efforts provide for the research, development, prototype maturation, integration, enhancement, delivery, and enduring product support of the UP capability to ensure responsiveness to warfighter requirements within operationally relevant timeframes. With the government as the lead integrator, UP Foundational Efforts provide a flexible, yet disciplined, agile development/security/operations (DevSecOps) capability to generate new capabilities, integrate existing and emerging technologies, incorporate rapid prototyping efforts, and evolve the UP baseline on an iterative basis. UP Foundational efforts include both the management of the DevSecOps capabilities which includes systems engineering, risk management, contracting, test, and program management, as well as the active research and capability development to be conducted for the UP baseline.

UP directly supports the Joint Network Attack Initial Capabilities Document (ICD), the National Military Strategy for Cyberspace Operations (NMS-CO), USCYBERCOM operational directives, the latest MAJCOM Offensive Cyberspace Operations System Flight Plan, and other formal requirements documents.

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 USCC MOA with US Air Force.

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Exhibit R-2, **RDT&E Budget Item Justification:** PB 2024 United States Cyber Command				**Date:** March 2023
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide* I BA 7: *Operational Systems Development*		**R-1 Program Element (Number/Name)** PE 0208099JCY *I Data and Unified Platform*		

B. Program Change Summary ($ in Millions)	**FY 2022**	**FY 2023**	**FY 2024 Base**	**FY 2024 OCO**	**FY 2024 Total**
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	138.558	-	138.558
Total Adjustments	0.000	0.000	138.558	-	138.558
• 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	138.558	-	138.558

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).

Exhibit R-2A, **RDT&E Project Justification:** PB 2024 United States Cyber Command										**Date:** March 2023	
Appropriation/Budget Activity 0400 / 7				**R-1 Program Element (Number/Name)** PE 0208099JCY / *Data and Unified Platform*					**Project (Number/Name)** CY03 / *Unified Platform*		
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**
CY03: *Unified Platform*	0.000	0.000	0.000	136.471	-	136.471	111.743	106.833	109.602	111.019	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Unified Platform (UP) provides U.S. Cyber Command (USCYBERCOM) the Cyber Mission Forces and Service cyber components a Joint cyber operations infrastructure enabling full spectrum cyberspace operations at the operational through tactical levels of warfare as part of USCYBERCOM's Joint Cyber Warfighting Architecture (JCWA). USCYBERCOM requires an interconnected and interoperable cyber infrastructure to conduct integrated planning and execution of cyberspace operations to meet Combatant Commanders' requirements. UP delivers this capability through the integration of disparate firing platforms, existing or evolving systems, infrastructure, mission capabilities, data analytics, and programs used for military cyberspace operations to build on interoperable and scalable network for cyber capabilities. UP allows the DoD to achieve and maintain decision and operational superiority which is key to success within the dynamic cyberspace domain.

UP Foundational Efforts provide for the research, development, prototype maturation, integration, enhancement, delivery, and enduring product support of the UP capability to ensure responsiveness to warfighter requirements within operationally relevant timeframes. With the government as the lead integrator, UP Foundational Efforts provide a flexible, yet disciplined, agile development/security/operations (DevSecOps) capability to generate new capabilities, integrate existing and emerging technologies, incorporate rapid prototyping efforts, and evolve the UP baseline on an iterative basis. UP Foundational efforts include both the management of the DevSecOps capabilities which includes systems engineering, risk management, contracting, test, and program management, as well as the active research and capability development to be conducted for the UP baseline.

UP directly supports the Joint Network Attack Initial Capabilities Document (ICD), the National Military Strategy for Cyberspace Operations (NMS-CO), USCYBERCOM operational directives, the latest MAJCOM Offensive Cyberspace Operations System Flight Plan, and other formal requirements documents

Commercial Cloud services are procured to support research and development and to store operational data to support the full spectrum of USCYBERCOM cyberspace operations.

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.

B. Accomplishments/Planned Programs ($ in Millions)

	FY 2022	**FY 2023**	**FY 2024**
Title: Unified Platform (UP)	-	-	136.471
Description: Develop, integrate, and deliver the UP capability through the rapid and agile development of requirements via a DevSecOps pipeline. UP requirements are warfighter-derived under the framework of validated UP requirement documents and met using agile development teams, integration of USCYBERCOM and the Service capabilities, or external prototyping activities.			

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Exhibit R-2A, **RDT&E Project Justification:** PB 2024 United States Cyber Command		**Date:** March 2023
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0208099JCY *I Data and Unified Platform*	**Project (Number/Name)** CY03 *I Unified Platform*

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2022**	**FY 2023**	**FY 2024**
UP capabilities are developed within the government-led UP Continuous Integration/Continuous Deployment DevSecOps pipeline, leveraging a common pipeline baseline maintained by Platform One. This pipeline provides a common system development, integration, and staging environment to permit collaborative development. Developmental efforts will be continuously verified for security compliance and continually tested to ensure development meets established security and performance criteria. *FY 2024 Plans:* UP will integrate forward deployed operations with enterprise data and analytics; extend integration and interoperability with multinational and joint-service partners; extend DevSecOps platform to enable CI/CD of classified capabilities for UP and other JCWA programs; develop JCWA enterprise Network Operations Center (NOC) and Security Operations Center (SOC) capabilities; develop new capabilities, modernize infrastructure, and execute prototyping activities for CMF and implement Zero Trust security architecture for JCWA enterprise *FY 2023 to FY 2024 Increase/Decrease Statement:* 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).			
Accomplishments/Planned Programs Subtotals	-	-	136.471

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

UP represents a flexible, interoperable, and scalable warfighter capability to be employed by USCYBERCOM, the Army, Navy, Marine Corps, and Air Force. In order to match the speed of need of the dynamic cyberspace domain, the Service-agnostic UP implements an agile development framework to facilitate the rapid development, integration, and fielding of capabilities to remain responsive to evolving warfighter requirements. The UP program develops capability in response to requirements provided by USCYBERCOM, the Army, Navy, Marine Corps, and Air Force stakeholders in accordance with the prioritization provided by the multi-Service UP governance structure.

Exhibit R-3, **RDT&E Project Cost Analysis:** PB 2024 United States Cyber Command												**Date:** March 2023	
Appropriation/Budget Activity 0400 / 7					**R-1 Program Element (Number/Name)** PE 0208099JCY / *Data and Unified Platform*					**Project (Number/Name)** CY03 / *Unified Platform*			

Product Development ($ in Millions)				**FY 2022**		**FY 2023**		**FY 2024 Base**		**FY 2024 OCO**		**FY 2024 Total**			
Cost Category Item	**Contract Method & Type**	**Performing Activity & Location**	**Prior Years**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Cost To Complete**	**Total Cost**	**Target Value of Contract**
UP System Technical Coordination Follow On	C/TBD	TBD : San Antonio, TX	-	-		-		2.800	Oct 2023	-		2.800	Continuing	Continuing	-
UP Cloud Compute and Store	TBD	TBD : San Antonio, TX	-	-		-		14.600	Oct 2023	-		14.600	Continuing	Continuing	-
UP Agile Capability Development	TBD	Multiple : Various	-	-		-		49.400	Oct 2023	-		49.400	Continuing	Continuing	-
Distributed Common Computing Environment	TBD	Multiple : Various	-	-		-		23.143	Feb 2024	-		23.143	Continuing	Continuing	-
Unified Platform	C/Various	Various : Various	-	-		-		10.221	Oct 2024	-		10.221	Continuing	Continuing	-
CYBERCOM UP Cloud	C/Various	Various : Various	-	-		-		7.307	Oct 2024	-		7.307	Continuing	Continuing	-
Subtotal			-	-		-		107.471		-		107.471	Continuing	Continuing	N/A

Support ($ in Millions)				**FY 2022**		**FY 2023**		**FY 2024 Base**		**FY 2024 OCO**		**FY 2024 Total**			
Cost Category Item	**Contract Method & Type**	**Performing Activity & Location**	**Prior Years**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Cost To Complete**	**Total Cost**	**Target Value of Contract**
Direct Cite Authority Civilian Pay	TBD	Multiple : Various	-	-		-		8.500	Oct 2023	-		8.500	Continuing	Continuing	-
Subtotal			-	-		-		8.500		-		8.500	Continuing	Continuing	N/A

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

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

Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0208099JCY / *Data and Unified Platform*	Project (Number/Name) CY03 / *Unified Platform*

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Systems Engineering	Various	Various : TBD	-	-		-		11.000	Dec 2022	-		11.000	Continuing	Continuing	-
Acquisition Support	Various	Various : TBD	-	-		-		3.200	Dec 2022	-		3.200	Continuing	Continuing	-
Program Management Office Overhead Costs	Various	Various : TBD	-	-		-		4.100	Dec 2022	-		4.100	Continuing	Continuing	-
Subtotal			-	-		-		18.300		-		18.300	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
Project Cost Totals	-	-	-	136.471	-	136.471	Continuing	Continuing	N/A

Remarks

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Exhibit R-4, **RDT&E Schedule Profile:** PB 2024 United States Cyber Command		**Date:** March 2023
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0208099JCY / *Data and Unified Platform*	**Project (Number/Name)** CY03 / *Unified Platform*

	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
Unified Platform																												
Agile Capability Development																												
Distributed Common Computing Environment																												
System Technical Coordination																												

PE 0208099JCY: *Data and Unified Platform*
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Exhibit R-4A, **RDT&E Schedule Details:** PB 2024 United States Cyber Command		**Date:** March 2023
Appropriation/Budget Activity 0400 **/** 7	**R-1 Program Element (Number/Name)** PE 0208099JCY **/** *Data and Unified Platform*	**Project (Number/Name)** CY03 **/** *Unified Platform*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Unified Platform				
Agile Capability Development	1	2024	4	2028
Distributed Common Computing Environment	1	2024	4	2028
System Technical Coordination	1	2024	2	2024

PE 0208099JCY: *Data and Unified Platform*
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Exhibit R-2A, **RDT&E Project Justification:** PB 2024 United States Cyber Command									**Date:** March 2023	
Appropriation/Budget Activity 0400 / 7				**R-1 Program Element (Number/Name)** PE 0208099JCY / *Data and Unified Platform*				**Project (Number/Name)** CY11 / *Data Management*		

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
CY11: *Data Management*	0.000	0.000	0.000	2.087	-	2.087	2.141	2.196	2.258	2.315	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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 the Joint Force Commander's objectives.

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 USCC MOA with Air Force.

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2022**	**FY 2023**	**FY 2024**
Title: Data Management	0.000	-	2.087
Description: 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 the Joint Force Commander's objectives. *FY 2024 Plans:* Funds efforts necessary to evaluate integrated technologies, representative modes or prototype systems in a high fidelity and realistic operating environment. Data will be integrated across the Joint Cyber Warfighting Architecture (JCWA) to help synchronize existing systems and integrate new ones. *FY 2023 to FY 2024 Increase/Decrease Statement:* 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).			
Accomplishments/Planned Programs Subtotals	0.000	-	2.087

C. Other Program Funding Summary ($ in Millions)
 N/A
Remarks

D. Acquisition Strategy
 The origin, details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 United States Cyber Command														Date: March 2023	
Appropriation/Budget Activity 0400 / 7								**R-1 Program Element (Number/Name)** PE 0208099JCY / *Data and Unified Platform*				**Project (Number/Name)** CY11 / *Data Management*			

Product Development ($ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total			
Cost Category Item	**Contract Method & Type**	**Performing Activity & Location**	**Prior Years**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Cost To Complete**	**Total Cost**	**Target Value of Contract**
Data Management	C/Various	Various : Various	-	-		-		2.087	Oct 2023	-		2.087	Continuing	Continuing	-
Subtotal			-	-		-		2.087		-		2.087	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**
Project Cost Totals			-	-		-		2.087		-		2.087	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2024 United States Cyber Command		**Date:** March 2023
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0208099JCY / *Data and Unified Platform*	**Project (Number/Name)** CY11 / *Data Management*

	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
Data Management																												
Data Management																												

PE 0208099JCY: *Data and Unified Platform*
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Exhibit R-4A, RDT&E Schedule Details: PB 2024 United States Cyber Command		**Date:** March 2023
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0208099JCY *I Data and Unified Platform*	**Project (Number/Name)** CY11 *I Data Management*

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Data Management				
Data Management	1	2024	3	2028

PE 0208099JCY: *Data and Unified Platform*
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Exhibit R-2, RDT&E Budget Item Justification: PB 2024 United States Cyber Command											Date: March 2023	

Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*					R-1 Program Element (Number/Name) PE 0306250JCY *I Cyber Operations Technology Support*							

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	469.385	-	469.385	500.074	522.865	544.101	590.285	Continuing	Continuing
CY06: *Cyber Weapons/Tools*	0.000	0.000	0.000	308.620	-	308.620	331.707	337.655	316.068	327.629	Continuing	Continuing
CY07: *Joint Cyber Warfighting Architecture (JCWA)*	0.000	0.000	0.000	91.214	-	91.214	102.379	126.645	169.107	203.574	Continuing	Continuing
CY08: *MDDE*	0.000	0.000	0.000	37.760	-	37.760	37.793	37.831	37.897	37.928	Continuing	Continuing
CY09: *Sensors*	0.000	0.000	0.000	31.791	-	31.791	28.195	20.734	21.029	21.154	Continuing	Continuing

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 the Joint Force Commander's objectives.

USCYBERCOM in conjunction with the Services and Cyber Stakeholders will develop and expand infrastructure architectures and capabilities/tools to support Cyber Mission Forces (CMF).

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.

B. Program Change Summary ($ in Millions)

	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	469.385	-	469.385
Total Adjustments	0.000	0.000	469.385	-	469.385
• 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	469.385	-	469.385

PE 0306250JCY: *Cyber Operations Technology Support*
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Exhibit R-2, **RDT&E Budget Item Justification:** PB 2024 United States Cyber Command		**Date:** March 2023
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*	**R-1 Program Element (Number/Name)** PE 0306250JCY *I Cyber Operations Technology Support*	

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).

PE 0306250JCY: *Cyber Operations Technology Support*
United States Cyber Command

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Exhibit R-2A, RDT&E Project Justification: PB 2024 United States Cyber Command											Date: March 2023	

Appropriation/Budget Activity 0400 I 7				R-1 Program Element (Number/Name) PE 0306250JCY I *Cyber Operations Technology Support*						Project (Number/Name) CY06 I *Cyber Weapons/Tools*		

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
CY06: *Cyber Weapons/Tools*	0.000	0.000	0.000	308.620	-	308.620	331.707	337.655	316.068	327.629	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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 the Joint Force Commander's objectives.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2022	FY 2023	FY 2024
Title: CYBERCOM Weapons/Tools	-	-	182.487

Description: Cyber Weapons and Tools support dual/mutli-use tools (i.e. software/hardware) use by the Cyber Mission Force on Joint Assess Platforms to conduct cyberspace operations. Invest in delivery platforms and access points that enable full-spectrum operations and integrate offensive cyber into combat operations. Building Lethality requires multiyear investment in cyber capabilities by supporting, platforms, access points and cyber tools to enable full-spectrum offensive and defensive cyberspace operations.

FY 2024 Plans:
CYBERCOM Weapons and Tools will enhance and sustain common service exploitation frameworks supporting CMF operations based on evolving operational requirements; research, develop, integrate, and procure mission-focused exploit capabilities as a common service to support CMF operations; update Personal Security Protection Testing Services to ensure they support current test needs and facilitate delivered cyber weapons through operational acceptance; perform Functional Acceptance Testing and deliver fully tested foundational cyber weapons into the Government's Development Evaluation (DE) and Operational Evaluation (OE) processes; develop and deliver independently-tested foundational tools suites to incrementally achieve a full complement of required capabilities. The foundational tool suites will provide operational agility for CMF cyberspace operations; measure signatures on each spiral of delivered tools to verify uniqueness of tools and diversity of source code; develop and deliver specialized tools, exploits, and research to CMF that will enable access to "hard targets."

FY 2023 to FY 2024 Increase/Decrease Statement:
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).

| **Title:** Air Force Payloads | - | - | 37.936 |

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Exhibit R-2A, RDT&E Project Justification: PB 2024 United States Cyber Command		Date: March 2023
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0306250JCY *I Cyber Operations Technology Support*	**Project (Number/Name)** CY06 *I Cyber Weapons/Tools*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2022	FY 2023	FY 2024
Description: Air Force Payloads provide advanced offensive cyber warfare capabilities to the 16th Air Force / Joint Force Headquarters Cyber – Air Force (JFHQ-C (AF)) in direct support of US Cyber Command (USCYBERCOM), other Combatant Commands (COCOMs), unified commands, and national agency cyber warfighting requirements. Air Force Payloads directly support the Joint Network Attack Initial Capabilities Document (ICD), the National Military Strategy for Cyberspace Operations (NMS-CO), Department of Defense Cyber Strategy, USCYBERCOM operational directives, and other formal requirements documents in the delivery of offensive cyber effects. *FY 2024 Plans:* The origin, details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book. *FY 2023 to FY 2024 Increase/Decrease Statement:* 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).			
Title: Marine Corps Cyber Weapons/Tools *Description:* MARFORCYBER provides advanced cyber warfare capabilities in direct support of USCYBERCOM, Marine Corps Commanders and national agencies to enable and accomplish global operations. Cyber weapons disrupt rising advanced peer and near-peer threats, as well as violent extremist organizations seeking to do harm to the United States. The software constructed cyber weapons are target specific and require high quality, rapid adjustments to achieve desired effects at an acceptable level of risk. The specific details and aspects of these cyber activities are held at a higher classification level. *FY 2024 Plans:* The origin, details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book. *FY 2023 to FY 2024 Increase/Decrease Statement:* 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).	-	-	23.471
Title: Army Cyber Weapons/Tools *Description:* Army Payloads provide advanced offensive cyber warfare capabilities to the 780th MIB / Joint Force	-	-	20.565

Exhibit R-2A, RDT&E Project Justification: PB 2024 United States Cyber Command		Date: March 2023
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0306250JCY / *Cyber Operations Techn ology Support*	**Project (Number/Name)** CY06 / *Cyber Weapons/Tools*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2022	FY 2023	FY 2024
Headquarters Cyber – Army (JFHQ-C (A)) in direct support of US Cyber Command (USCYBERCOM), other Combatant Commands (COCOMs), unified commands, and national agency cyber warfighting requirements. Cyber weapons disrupt rising advanced peer and near-peer threats, as well as violent extremist organizations seeking to do harm to the United States. The software constructed cyber weapons require high quality, rapid adjustments to achieve desired effects at an acceptable level of risk. The specific details and aspects of these cyber activities are held at a higher classification level. *FY 2024 Plans:* The origin, details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book. *FY 2023 to FY 2024 Increase/Decrease Statement:* 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).			
Title: Navy Cyber Weapons/Tools	-	-	44.161
Description: Navy Cyber Weapons and Tools develop Navy foundational and specialized cyber tools in support of the Cyber Mission Forces in accordance with requirements, guidance, and previous work completed, focusing on the following activities: Cyberspace additional support facilities and infrastructure; Program office, program management, engineering, administrative, and security support; Specialized Cyberspace technical, engineering, and management capabilities; Expand Cyberspace Activities development network and network support; Cyberspace hardware and software reverse engineering development; Research and Development (R&D) activities leading to cyber tool opportunities and vulnerabilities; Cyberspace tool development of Foundational and Reserve Tool Kits; and Cyberspace activity logistics support (Additional details held at a higher classification) *FY 2024 Plans:* The origin, details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book. *FY 2023 to FY 2024 Increase/Decrease Statement:* 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).			
Accomplishments/Planned Programs Subtotals	-	-	308.620

Exhibit R-2A, **RDT&E Project Justification:** PB 2024 United States Cyber Command		**Date:** March 2023
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0306250JCY / *Cyber Operations Techn ology Support*	**Project (Number/Name)** CY06 / *Cyber Weapons/Tools*

C. Other Program Funding Summary ($ in Millions)
 N/A
Remarks

D. Acquisition Strategy
 Facilitate the delivery of innovative solutions for existing and emerging technologies to the Cyber Mission Forces. Contracts are awarded under full and open
 competition whenever possible. Variations of both Fixed Price (FP) and Cost Plus (CP) contracting vehicles and the use of Other Transactional Authority (OTA) will
 be implemented leveraging USCYBERCOM Acquisition authorities. USCYBERCOM will also rely on various Service Component, Combatant Command and National
 Security Agency contracting offices for procurement of cyber capabilities and contractor support. Solutions may include the expedited development of innovative
 capabilities using existing and emerging technologies, thus enabling continued superiority within the cyber domain.

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

Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0306250JCY *I Cyber Operations Technology Support*	**Project (Number/Name)** CY06 *I Cyber Weapons/Tools*

Product Development ($ in Millions)				**FY 2022**		**FY 2023**		**FY 2024 Base**		**FY 2024 OCO**		**FY 2024 Total**			
Cost Category Item	**Contract Method & Type**	**Performing Activity & Location**	**Prior Years**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Cost To Complete**	**Total Cost**	**Target Value of Contract**
CYBER Tech Support	C/Various	Various : Various	-	-		-		308.620	Oct 2024	-		308.620	Continuing	Continuing	-
		Subtotal	-	-		-		308.620		-		308.620	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**
Project Cost Totals	-	-		-		308.620		-		308.620	Continuing	Continuing	N/A

Remarks

PE 0306250JCY: *Cyber Operations Technology Support*
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Exhibit R-4, **RDT&E Schedule Profile:** PB 2024 United States Cyber Command		**Date:** March 2023
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0306250JCY / *Cyber Operations Technology Support*	**Project (Number/Name)** CY06 / *Cyber Weapons/Tools*

	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
Cyber Weapons																												
Exploitation framework spiral development								█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Cyber Tools																												
AF Payloads - Neptune Rumble								█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
AF Payloads - Wicked Wizard								█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Foundational tool suites								█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█

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Exhibit R-4A, **RDT&E Schedule Details:** PB 2024 United States Cyber Command				**Date:** March 2023	
Appropriation/Budget Activity 0400 *I* 7		**R-1 Program Element (Number/Name)** PE 0306250JCY *I Cyber Operations Technology Support*		**Project (Number/Name)** CY06 *I Cyber Weapons/Tools*	

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Cyber Weapons				
Exploitation framework spiral development	1	2024	4	2028
Cyber Tools				
AF Payloads - Neptune Rumble	1	2024	4	2028
AF Payloads - Wicked Wizard	1	2024	4	2028
Foundational tool suites	1	2024	4	2028

PE 0306250JCY: *Cyber Operations Technology Support*
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Exhibit R-2A, RDT&E Project Justification: PB 2024 United States Cyber Command										Date: March 2023	
Appropriation/Budget Activity 0400 *I* 7				R-1 Program Element (Number/Name) PE 0306250JCY *I Cyber Operations Technology Support*					Project (Number/Name) CY07 *I Joint Cyber Warfighting Architecture (JCWA)*		
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
CY07: *Joint Cyber Warfighting Architecture (JCWA)*	0.000	0.000	0.000	91.214	-	91.214	102.379	126.645	169.107	203.574	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

U.S. Cyber Command created the Joint Cyber Warfighting Architecture (JCWA) as a concept to integrate cyber warfighting systems. JCWA serves as a guiding concept for cyber warfighting acquisitions and investment decisions which address functions, relationships, and dependencies of constituent systems.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2022	FY 2023	FY 2024
Title: Joint Cyber Warfighting Architecture (JCWA) ***Description:*** U.S. Cyber Command created the Joint Cyber Warfighting Architecture (JCWA) as a concept to integrate cyber warfighting systems. JCWA serves as a guiding concept for cyber warfighting acquisitions and investment decisions which address functions, relationships, and dependencies of constituent systems. ***FY 2024 Plans:*** JCWA funds synchronize cyber warfighting programs across the DOD. The JCWA includes a range of software-enabled systems, sensors, and tools integrate systems that enable the warfighter. ***FY 2023 to FY 2024 Increase/Decrease Statement:*** 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).	0.000	-	91.214
Accomplishments/Planned Programs Subtotals	0.000	-	91.214

C. Other Program Funding Summary ($ in Millions)
N/A
Remarks

D. Acquisition Strategy
The origin, details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 United States Cyber Command														Date: March 2023		
Appropriation/Budget Activity 0400 *I* 7								**R-1 Program Element (Number/Name)** PE 0306250JCY *I Cyber Operations Technology Support*					**Project (Number/Name)** CY07 *I Joint Cyber Warfighting Architecture (JCWA)*			

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
JCWA	C/Various	Various : Various	-	-		-		91.214	Oct 2024	-		91.214	Continuing	Continuing	-
Subtotal			-	-		-		91.214		-		91.214	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
Project Cost Totals	-	-	-	91.214	-	91.214	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2024 United States Cyber Command		**Date:** March 2023
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0306250JCY *I Cyber Operations Techn ology Support*	**Project (Number/Name)** CY07 *I Joint Cyber Warfighting Architecture (JCWA)*

	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
JCWA																												
JCWA								███████████████████████																				

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Exhibit R-4A, **RDT&E Schedule Details:** PB 2024 United States Cyber Command		**Date:** March 2023
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0306250JCY *I Cyber Operations Technology Support*	**Project (Number/Name)** CY07 *I Joint Cyber Warfighting Architecture (JCWA)*

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
JCWA				
JCWA	4	2023	3	2025

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

Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0306250JCY / *Cyber Operations Technology Support*	**Project (Number/Name)** CY08 / *MDDE*

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**
CY08: *MDDE*	0.000	0.000	0.000	37.760	-	37.760	37.793	37.831	37.897	37.928	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

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 USCC MOA.

The origin, details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book.

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2022**	**FY 2023**	**FY 2024**
Title: MDDE *Description:* The origin, details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book. *FY 2024 Plans:* The origin, details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book. *FY 2023 to FY 2024 Increase/Decrease Statement:* 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).	-	-	37.760
Accomplishments/Planned Programs Subtotals	-	-	37.760

C. Other Program Funding Summary ($ in Millions)
N/A
Remarks

D. Acquisition Strategy

The origin, details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book.

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

Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0306250JCY / *Cyber Operations Technology Support*	**Project (Number/Name)** CY08 / *MDDE*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
MDDE	C/Various	Various : Various	-	-		-		37.760	Oct 2024	-		37.760	Continuing	Continuing	-
Subtotal			-	-		-		37.760		-		37.760	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
Project Cost Totals			-	-		-		37.760		-		37.760	Continuing	Continuing	N/A

Remarks

Exhibit R-4, **RDT&E Schedule Profile:** PB 2024 United States Cyber Command		**Date:** March 2023
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0306250JCY / *Cyber Operations Technology Support*	**Project (Number/Name)** CY08 / *MDDE*

	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
MDDE																												
Event									██																			

Exhibit R-4A, **RDT&E Schedule Details:** PB 2024 United States Cyber Command		**Date:** March 2023
Appropriation/Budget Activity 0400 **/** 7	**R-1 Program Element (Number/Name)** PE 0306250JCY **/** *Cyber Operations Techn ology Support*	**Project (Number/Name)** CY08 **/** *MDDE*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
MDDE				
Event	1	2024	4	2028

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Exhibit R-2A, **RDT&E Project Justification:** PB 2024 United States Cyber Command										**Date:** March 2023	
Appropriation/Budget Activity 0400 / 7				**R-1 Program Element (Number/Name)** PE 0306250JCY / *Cyber Operations Technology Support*				**Project (Number/Name)** CY09 / *Sensors*			
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**
CY09: *Sensors*	0.000	0.000	0.000	31.791	-	31.791	28.195	20.734	21.029	21.154	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Sensors portfolio includes Hunt Forward, Enhanced Sensing and Mitigation, Deployable Mission Support Systems (DMSS) kits plus investment in other sensors used to support the Cyber mission Force (CMF). DMSS kits are a self-contained, flyaway equipment. The software and hardware are operated by Cyber Protection Teams (CPTs) to survey, secure and protect military networks, data centers and to conduct Vulnerability Analysis (VA), Incident Response (IR) with little or no notice concurrently on classified and unclassified networks. The CPTs maintain the ability to locate, contain, and defeat malicious activity in response to an adversary breaching or attempting to breach DoD information systems.

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2022**	**FY 2023**	**FY 2024**
Title: Sensors	-	-	31.791
Description: The Sensors portfolio includes Hunt Forward, Enhanced Sensing and Mitigation, Deployable Mission Support Systems (DMSS) kits plus investment in other sensors used to support the Cyber mission Force (CMF). DMSS kits are a self-contained, flyaway equipment. The software and hardware are operated by Cyber Protection Teams (CPTs) to survey, secure and protect military networks, data centers and to conduct Vulnerability Analysis (VA), Incident Response (IR) with little or no notice concurrently on classified and unclassified networks. The CPTs maintain the ability to locate, contain, and defeat malicious activity in response to an adversary breaching or attempting to breach DoD information systems. *FY 2024 Plans:* Supports research and development. Provides cyberspace defense capability that protects the DoD network enclaves, to include their associated computer systems, software applications and sensitive operational information against unauthorized intrusion, corruption, and/or destruction. In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities. *FY 2023 to FY 2024 Increase/Decrease Statement:* 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).			
Accomplishments/Planned Programs Subtotals	-	-	31.791

Exhibit R-2A, **RDT&E Project Justification:** PB 2024 United States Cyber Command		**Date:** March 2023
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0306250JCY / *Cyber Operations Techn ology Support*	**Project (Number/Name)** CY09 / *Sensors*

C. Other Program Funding Summary ($ in Millions)
 N/A
Remarks

D. Acquisition Strategy
 The origin, details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book.

Exhibit R-3, **RDT&E Project Cost Analysis:** PB 2024 United States Cyber Command													**Date:** March 2023		
Appropriation/Budget Activity 0400 **/** 7						**R-1 Program Element (Number/Name)** PE 0306250JCY **/** *Cyber Operations Technology Support*							**Project (Number/Name)** CY09 **/** *Sensors*		

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Sensors	C/Various	Various : Various	-	-		-		31.791	Oct 2024	-		31.791	Continuing	Continuing	-
Subtotal			-	-		-		31.791		-		31.791	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
Project Cost Totals			-	-		-		31.791		-		31.791	Continuing	Continuing	N/A

Remarks

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Exhibit R-4, **RDT&E Schedule Profile:** PB 2024 United States Cyber Command			**Date:** March 2023
Appropriation/Budget Activity 0400 **/** 7		**R-1 Program Element (Number/Name)** PE 0306250JCY **/** *Cyber Operations Techn ology Support*	**Project (Number/Name)** CY09 **/** *Sensors*

	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
Sensors																												
Sensor event									███																			

Exhibit R-4A, **RDT&E Schedule Details:** PB 2024 United States Cyber Command		**Date:** March 2023
Appropriation/Budget Activity 0400 **/** 7	**R-1 Program Element (Number/Name)** PE 0306250JCY **/** *Cyber Operations Technology Support*	**Project (Number/Name)** CY09 **/** *Sensors*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Sensors				
Sensor event	1	2024	4	2028

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