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

 Appropriation
 FY 2023 Less
 FY 2023

 Appropriation
 FY 2022
 Supplementals
 Supplementals
 FY 2023 Total
 FY 2024

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

 Total Research, Development, Test, & Evaluation
 Indefense
 Indefense
 Indefense
 Indefense

*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)

FY 2023 Less FY 2023 FY 2022 Supplementals Supplementals FY 2023 Total FY 2024 Actuals Enactment Enactment Enactment 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 1,056,991 Total Research, Development, Test, & Evaluation

*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).

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

 Appropriation
 FY 2023 Less
 FY 2023
 Supplementals
 Supplementals
 FY 2023 Total
 FY 2024

 Appropriation
 Actuals
 Enactment
 Enactment*
 Enactment
 Request

 U.S., CYBERCOM
 Total Research, Development, Test and Evaluation, Defense-Wide
 1,056,991
 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)

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

Line <u>No</u>	Program Element <u>Number</u>	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 Com	nponent 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)

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

Line	Program Element			Se	FY 2024
No	Number	Item	Act	<u>c</u>	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 Cor	mponent 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

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

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

Line <u>No</u>	Program Element <u>Number</u>	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 Com	nponent 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)

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

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257	0306250JCY	Cyber Operations Technology Support	07	U	469,385
	Operational	Systems Development			703,676

Total U.S., CYBERCOM

1,056,991

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

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

Line #	Budget Activity	Program Element Number	Program Element Title Page	_
119	04	0208059JCY	CYBERCOM Activities	
120	04	0208085JCY	Robust Infrastructure and AccessVolume 5 - 7	
121	04	0208086JCY	Cyber Training EnvironmentVolume 5 - 13	
125	04	0305251JCY	Cyberspace Operations Forces and Force SupportVolume 5 - 23	

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

Line #	Budget Activity	y Program Element Number	Program Element Title Page	
209	07	0208097JCY	Cyber Command and Control (C2)	
210	07	0208099JCY	Data and Unified PlatformVolume 5 - 37	
257	07	0306250JCY	Cyber Operations Technology Support	

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

Program Element Title	Program Element Number	Line #	BA Page
CYBERCOM Activities	0208059JCY	119	04Volume 5 - 1
Cyber Command and Control (C2)	0208097JCY	209	07Volume 5 - 29
Cyber Operations Technology Support	0306250JCY	257	07Volume 5 - 49
Cyber Training Environment	0208086JCY	121	04Volume 5 - 13
Cyberspace Operations Forces and Force Support	0305251JCY	125	04Volume 5 - 23
Data and Unified Platform	0208099JCY	210	07Volume 5 - 37
Robust Infrastructure and Access	0208085JCY	120	04Volume 5 - 7

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

Line #	Budget Activity	Program Element Number	Program Element Title	Page
119	04	0208059JCY	CYBERCOM ActivitiesVolume	5 - 1
120	04	0208085JCY	Robust Infrastructure and AccessVolume	5 - 7
121	04	0208086JCY	Cyber Training EnvironmentVolume &	5 - 13
125	04	0305251JCY	Cyberspace Operations Forces and Force SupportVolume	5 - 23

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

Line #	Budget Activity	y Program Element Number	Program Element Title Page
209	07	0208097JCY	Cyber Command and Control (C2) Volume 5 - 29
210	07	0208099JCY	Data and Unified PlatformVolume 5 - 37
257	07	0306250JCY	Cyber Operations Technology Support Volume 5 - 49

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

Program Element Title	Program Element Number	Line #	BA Page
CYBERCOM Activities	0208059JCY	119	04 Volume 5 - 1
Cyber Command and Control (C2)	0208097JCY	209	07 Volume 5 - 29
Cyber Operations Technology Support	0306250JCY	257	07 Volume 5 - 49
Cyber Training Environment	0208086JCY	121	04 Volume 5 - 13
Cyberspace Operations Forces and Force Support	0305251JCY	125	04 Volume 5 - 23
Data and Unified Platform	0208099JCY	210	07 Volume 5 - 37
Robust Infrastructure and Access	0208085JCY	120	04Volume 5 - 7

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Exhibit R-2, RDT&E Budget Item	n Justificat	i on: PB 202	24 United S	tates Cyber	^r Command					Date: Marc	ch 2023	
	ppropriation/Budget Activity 400: Research, Development, Test & Evaluation, Defense-Wide I BA 4 dvanced Component Development & Prototypes (ACD&P)							Name) ctivities				
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).

Exhibit R-2A, RDT&E Project Just	stification:	PB 2024 C	Inited States		I		• / N I	N)		Date: Mar		
Appropriation/Budget Activity 0400 / 4						am Elemen 59JCY / CYL			Project (N CY04 / CY		,	
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	Continuin
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Budg US Cyber Command's (USCYBEF and defense of the Department of procures capabilities to enable Ele This effort is in Budget Activity 4, 4	RCOM) mis Defense ir ectronic Wa	sion is to d nformation e arfare and c Component	eter or defe environment yber-peculia Developme	, and support ar technologient and Pro	ort the achie gies for use totypes (AC	evement of j by the Cybe D&P), beca	oint force c er Mission F	ommander Forces (CM	objectives. F).	USCYBER	COM devel	ops or
representative modes or prototype B. Accomplishments/Planned Pl	-	· ·	•	ilistic opera	iting enviror	nment.			FY	2022 F	Y 2023	FY 2024
Title: CYBERCOM Activities										0.000	-	65.48
Description: US Cyber Command infrastructure, provide mission ass and support the achievement of jo Electronic Warfare and cyber-pect	surance for int force co	the operation the operation the operation the operation of the operation o	ons and def bjectives. l	ense of the JSCYBER	Departmer	nt of Defense ops or procu	e informatio	n environm				
FY 2024 Plans:		Varfare tech	nology and	cyber-peci	uliar capabi	litics to gain	access to t	<i>.</i> .				
CYBERCOM Activities will adapt E forces. CYBERCOM Activities wil to develop Title 10 off-net effects. onto Common Attack Platforms by	l enhance t CYBERCO	he open so M Activities	urce Open (will migrate	CPI framew e segregate	ork that will d capabiliti	l allow the se es and Cybe	ervices and	USCYBEF	RCOM			
CYBERCOM Activities will adapt E forces. CYBERCOM Activities wil to develop Title 10 off-net effects.	I enhance t CYBERCO implement crease Sta and the Def for the plan	he open so M Activities ting commo tement: ense Inform nning, progr	urce Open (will migrate n framewor nation Servio ramming, bu	CPI framew e segregate ks and com ces Agency udgeting, au	vork that will ed capabilition mon hostin v (DISA) train nd executio	I allow the sees and Cybe og solutions. nsferred res n of these re	ervices and er/EW weap ources to U esources to U	USCYBER sons systen SCYBERC USCYBER	RCÓM ns OM.			
CYBERCOM Activities will adapt E forces. CYBERCOM Activities will to develop Title 10 off-net effects. onto Common Attack Platforms by FY 2023 to FY 2024 Increase/De In FY 2024, the Military Services a The transfer of the responsibilities	I enhance t CYBERCO implement crease Sta and the Def for the plan	he open so M Activities ting commo tement: ense Inform nning, progr	urce Open (will migrate n framewor nation Servio ramming, bu	CPI framew e segregate ks and com ces Agency udgeting, au	vork that will ad capabilition mon hostin v (DISA) tran nd executio 7 (Public La	I allow the sees and Cybe og solutions. nsferred res n of these re	ervices and er/EW weap ources to U esources to ecember 27	USCYBER oons systen SCYBERC USCYBER 7, 2021).	COM ns OM. COM	0.000		65.484
CYBERCOM Activities will adapt E forces. CYBERCOM Activities wil to develop Title 10 off-net effects. onto Common Attack Platforms by FY 2023 to FY 2024 Increase/De In FY 2024, the Military Services a The transfer of the responsibilities satisfy Congressional requirement	I enhance t CYBERCO implement crease Sta and the Def for the plan ts contained	he open so M Activities ting commo tement: ense Inform nning, progr d in the FY2	urce Open (will migrate n framewor nation Servio ramming, bu	CPI framew e segregate ks and com ces Agency udgeting, au	vork that will ad capabilition mon hostin v (DISA) tran nd executio 7 (Public La	I allow the se es and Cybe ig solutions. nsferred res n of these re w 117-81, D	ervices and er/EW weap ources to U esources to ecember 27	USCYBER oons systen SCYBERC USCYBER 7, 2021).	COM ns OM. COM	0.000	-	65.48
CYBERCOM Activities will adapt E forces. CYBERCOM Activities will to develop Title 10 off-net effects. onto Common Attack Platforms by FY 2023 to FY 2024 Increase/De In FY 2024, the Military Services a The transfer of the responsibilities	I enhance t CYBERCO implement crease Sta and the Def for the plan ts contained	he open so M Activities ting commo tement: ense Inform nning, progr d in the FY2	urce Open (will migrate n framewor nation Servio ramming, bu	CPI framew e segregate ks and com ces Agency udgeting, au	vork that will ad capabilition mon hostin v (DISA) tran nd executio 7 (Public La	I allow the se es and Cybe ig solutions. nsferred res n of these re w 117-81, D	ervices and er/EW weap ources to U esources to ecember 27	USCYBER oons systen SCYBERC USCYBER 7, 2021).	COM ns OM. COM	0.000	-	65.48

Exhibit R-2A, RDT&E Project Justification: PB 2024 United States Cyber Co	ommand	Date: March 2023
	R-1 Program Element (Number/Name) PE 0208059JCY / CYBERCOM Activities	umber/Name) /BERCOM 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.

Exhibit R-3, RDT&E P	roject Co	ost Analysis: PB 2	2024 Unite	ed States	S Cyber C	ommand						Date:	March 20	23	
Appropriation/Budget 0400 / 4	Activity	,					ogram Ele 08059JCY	•			-	CYBERC		ties	
Product Development	t (\$ in Mi	llions)		FY	2022	FY	2023	FY 2 Ba			2024 CO	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
			Prior Years		2022		2023	FY 2 Ba		0	2024 CO	FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
		Project Cost Totals	-	-		-		65.484		-		65.484	Continuing	Continuing	

hibit R-4, RDT&E Schedule Profile: PB 2				-)					D							/h I			D							-		
propriation/Budget Activity													•	Num						oject (Number/Name) 04 / CYBERCOM Activities								
00/4								PE 0208059JCY / CYBERCOM Activities									CYU)4 /	CYE	BER	CON	1 AC	tiviti	ies				
		F١	2022	2		FY :	2023		I	FY 2	2024			FY 2	025			FY 2	2026			FY 2	2027			FY 2	028	
	•		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																									1			
Cyber Technology Department																												

hibit R-4A, RDT&E Schedule Details: PB 2024 United States Cyb										
propriation/Budget Activity 00 / 4	Project (Number/Name) CY04 / CYBERCOM Activities									
	Schedule Details									
	Sta	rt	E	nd						
Events by Sub Project		rt Year	Quarter	nd Year						
Events by Sub Project Cyber Technology Department	Sta	-		1						

Exhibit R-2, RDT&E Budget Ite	m Justificat	ion: PB 202	24 United S	tates Cyber	Command					Date: Marc	ch 2023	
Appropriation/Budget Activity 0400: Research, Development, T Advanced Component Developm		,		A 4:		am Elemen 35JCY / Rob			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	Continuir
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	Continuir
US Cyber Command's (USCYB and defense of the Department The Joint Common Access Plat coordinate and execute the deliv	of Defense ir form (JCAP) very of cyber	formation e supports Us effects aga	environmen SCYBERCO ainst approv	t, and suppo DM by provi ed targets.	ort the achie ding a prote This capab	evement of t ected, mana iility enables	he Joint Fo ged, orches Cyber Miss	rce Comma strated envir sion Forces	nder's obje ronment an ' (CMF) abil	ctives. d common ity to exect	firing platfor ite operation	m to 1s while
and defense of the Department The Joint Common Access Plat coordinate and execute the deliv managing detection and attribut existing program baselines into	of Defense in form (JCAP) very of cyber on. The JCA a "Best of Bro	formation e supports Us effects aga AP program eed" JCAP.	environmen SCYBERCO inst approv	t, and suppo DM by provi ed targets. existing ser	ort the achie ding a prote This capab vice access	evement of t ected, mana illity enables platform pr	he Joint Fo ged, orches Cyber Miss ograms, wit	rce Comma strated envi sion Forces h the object	inder's obje ronment an ' (CMF) abil tive of comb	ctives. d common ity to execu pining, enha	firing platfor ite operation ancing, and	m to ns while evolving
and defense of the Department The Joint Common Access Plat coordinate and execute the deliv managing detection and attribut existing program baselines into 3. Program Change Summary	of Defense in form (JCAP) very of cyber on. The JCA a "Best of Bro (\$ in Million	formation e supports Us effects aga AP program eed" JCAP.	environmen SCYBERCO inst approv	t, and suppo DM by provi ed targets. existing ser <u>FY 2022</u>	ort the achie ding a prote This capab vice access <u>FY 202</u>	evement of f ected, mana ility enables platform pr 23 F	he Joint Fo ged, orches Cyber Miss ograms, wit Y 2024 Bas	rce Comma strated envir sion Forces h the object	nder's obje ronment an ' (CMF) abil	ctives. d common ity to execu pining, enha	firing platfor ite operation ancing, and FY 2024 To	m to ns while evolving <u>tal</u>
and defense of the Department The Joint Common Access Plat coordinate and execute the deliv managing detection and attribut existing program baselines into 3. Program Change Summary Previous President's Buc	of Defense in form (JCAP) very of cyber on. The JCA a "Best of Bro (\$ in Millions get	formation e supports Us effects aga AP program eed" JCAP.	environmen SCYBERCO inst approv	t, and suppo DM by provi ed targets. existing ser <u>FY 2022</u> 0.000	ort the achie ding a prote This capab vice access <u>FY 202</u> 0.00	evement of f ected, mana ility enables platform pr 23 <u>F</u> 00	he Joint Fo ged, orches Cyber Miss ograms, wit Y 2024 Bas 0.00	rce Comma strated envir sion Forces h the object se	inder's obje ronment an ' (CMF) abil tive of comb	ctives. d common ity to execu pining, enha	firing platfor ite operation ancing, and <u>FY 2024 Tc</u> 0.0	m to ns while evolving o <u>tal</u> 000
and defense of the Department The Joint Common Access Platt coordinate and execute the deliv managing detection and attribut existing program baselines into 3. Program Change Summary Previous President's Budg Current President's Budg	of Defense in form (JCAP) very of cyber on. The JCA a "Best of Bro (\$ in Millions get	formation e supports Us effects aga AP program eed" JCAP.	environmen SCYBERCO inst approv	t, and suppo DM by provi ed targets. existing ser <u>FY 2022</u> 0.000 0.000	ort the achie ding a prote This capab vice access <u>FY 202</u> 0.00 0.00	evement of f ected, mana illity enables platform pr 23 <u>F</u> 00	he Joint Fo ged, orches Cyber Miss ograms, wit Y 2024 Bas 0.00 170.18	rce Comma strated envir sion Forces h the object <u>se </u> 00 32	inder's obje ronment an ' (CMF) abil tive of comb	ctives. d common ity to execu pining, enha	firing platfor te operation ancing, and <u>FY 2024 Tc</u> 0.0 170.1	m to ns while evolving <u>ttal</u> 000 182
and defense of the Department The Joint Common Access Platt coordinate and execute the deliv managing detection and attribut existing program baselines into 3. Program Change Summary Previous President's Budg Current President's Budg Total Adjustments	of Defense in form (JCAP) very of cyber on. The JCA a "Best of Bro (\$ in Million s get et	formation e supports US effects aga AP program eed" JCAP. <u>s)</u>	environmen SCYBERCO inst approv	t, and suppo DM by provi ed targets. existing ser <u>FY 2022</u> 0.000	ort the achie ding a prote This capab vice access <u>FY 202</u> 0.00	evement of f ected, mana illity enables platform pr 23 <u>F</u> 00	he Joint Fo ged, orches Cyber Miss ograms, wit Y 2024 Bas 0.00	rce Comma strated envir sion Forces h the object <u>se </u> 00 32	inder's obje ronment an ' (CMF) abil tive of comb	ctives. d common ity to execu pining, enha	firing platfor ite operation ancing, and <u>FY 2024 Tc</u> 0.0	m to ns while evolving <u>ttal</u> 000 182
and defense of the Department The Joint Common Access Platt coordinate and execute the delive managing detection and attribut existing program baselines into 3. Program Change Summary Previous President's Budg Current President's Budg Total Adjustments • Congressional	of Defense in form (JCAP) very of cyber on. The JCA a "Best of Bro (<u>\$ in Millions</u> get et General Red	nformation e supports US effects aga AP program eed" JCAP. s) uctions	environmen SCYBERCO inst approv	t, and suppo DM by provi ed targets. existing ser <u>FY 2022</u> 0.000 0.000	ort the achie ding a prote This capab vice access <u>FY 202</u> 0.00 0.00	evement of f ected, mana illity enables platform pr 23 <u>F</u> 00	he Joint Fo ged, orches Cyber Miss ograms, wit Y 2024 Bas 0.00 170.18	rce Comma strated envir sion Forces h the object <u>se </u> 00 32	inder's obje ronment an ' (CMF) abil tive of comb	ctives. d common ity to execu pining, enha	firing platfor te operation ancing, and <u>FY 2024 Tc</u> 0.0 170.1	m to ns while evolving <u>ttal</u> 000 182
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and defense of the Department The Joint Common Access Plat coordinate and execute the delive managing detection and attribut existing program baselines into 3. Program Change Summary Previous President's Budg Current President's Budg Total Adjustments • Congressional • Congressional • Congressional	of Defense in form (JCAP) very of cyber on. The JCA a "Best of Bro (\$ in Million get et General Red Directed Red Rescissions	nformation e supports US effects aga AP program eed" JCAP. s) uctions	environmen SCYBERCO inst approv	t, and suppo DM by provi ed targets. existing ser <u>FY 2022</u> 0.000 0.000	ort the achie ding a prote This capab vice access <u>FY 202</u> 0.00 0.00	evement of f ected, mana illity enables platform pr 23 <u>F</u> 00	he Joint Fo ged, orches Cyber Miss ograms, wit Y 2024 Bas 0.00 170.18	rce Comma strated envir sion Forces h the object <u>se </u> 00 32	inder's obje ronment an ' (CMF) abil tive of comb	ctives. d common ity to execu pining, enha	firing platfor te operation ancing, and <u>FY 2024 Tc</u> 0.0 170.1	m to ns while evolving <u>ttal</u> 000 182
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and defense of the Department The Joint Common Access Platt coordinate and execute the delive managing detection and attribut existing program baselines into 3. Program Change Summary Previous President's Budg Current President's Budg Total Adjustments • Congressional • Congressional • Congressional • Congressional • Congressional	of Defense in form (JCAP) very of cyber on. The JCA a "Best of Bro (\$ in Million get et General Red Directed Red Rescissions Adds Directed Trar	formation e supports US effects aga AP program eed" JCAP. <u>s)</u> uctions	environmen SCYBERCO inst approv	t, and suppo DM by provi ed targets. existing ser <u>FY 2022</u> 0.000 0.000	ort the achie ding a prote This capab vice access <u>FY 202</u> 0.00 0.00	evement of f ected, mana illity enables platform pr 23 <u>F</u> 00	he Joint Fo ged, orches Cyber Miss ograms, wit Y 2024 Bas 0.00 170.18	rce Comma strated envir sion Forces h the object <u>se </u> 00 32	inder's obje ronment an ' (CMF) abil tive of comb	ctives. d common ity to execu pining, enha	firing platfor te operation ancing, and <u>FY 2024 Tc</u> 0.0 170.1	m to ns while evolving <u>ttal</u> 000 182
and defense of the Department The Joint Common Access Platt coordinate and execute the delive managing detection and attribut existing program baselines into 3. Program Change Summary Previous President's Budg Current President's Budg Total Adjustments • Congressional • Congressional • Congressional • Congressional	of Defense in form (JCAP) very of cyber on. The JCA a "Best of Bro (<u>\$ in Millions</u> get et General Red Directed Red Rescissions Adds Directed Tran gs	formation e supports US effects aga AP program eed" JCAP. <u>s)</u> uctions	environmen SCYBERCO inst approv	t, and suppo DM by provi ed targets. existing ser <u>FY 2022</u> 0.000 0.000	ort the achie ding a prote This capab vice access <u>FY 202</u> 0.00 0.00	evement of f ected, mana illity enables platform pr 23 <u>F</u> 00	he Joint Fo ged, orches Cyber Miss ograms, wit Y 2024 Bas 0.00 170.18	rce Comma strated envir sion Forces h the object <u>se </u> 00 32	inder's obje ronment an ' (CMF) abil tive of comb	ctives. d common ity to execu pining, enha	firing platfor te operation ancing, and <u>FY 2024 Tc</u> 0.0 170.1	m to ns while evolving <u>ttal</u> 000 182

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).

Exhibit R-2A, RDT&E Project Ju	stification	PB 2024 L	Jnited State	s Cyber Co	mmand					Date: Mai	rch 2023	
Appropriation/Budget Activity 0400 / 4						am Elemen 35JCY / Rob			Project (N CY05 / Ro Cyber Ope	bust Infras	, tructure and	Other
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	-	-	-	-	-	-	-	-	-	-		
The Joint Common Access Platfor coordinate and execute the deliver managing detection and attribution existing program baselines into a	ery of cyber on. The JC/	effects aga AP program	ainst approv I leverages	ed targets.	This capab	ility enables	Cyber Mis	sion Forces	s' (CMF) abi	ility to exec	ute operatio	ns while
B. Accomplishments/Planned P	Programs (\$	in Million	<u>s)</u>						FY	2022	FY 2023	FY 2024
Title: Joint Common Access Plat	form (JCAP)								0.000	-	89.452
Description: The JCAP supports firing platform to coordinate and e ability to execute operations while platform programs, with the object JCAP.	execute the emanaging	delivery of o detection a	cyber effects nd attributio	s against ap n. The JC/	oproved targ AP program	gets. This c leverages e	apability en existing ser	ables CMF vice access	's			
FY 2024 Plans: FY 2024 JCAP funding will reflect releases to include capability imp will continue collaboration with all efforts across the JCWA portfolio	rovements t stakeholde	hat enhanc	e CMF oper	rations and er Warfighti	support mis	ssion readin	ess. The J	CAP platfor	m			
FY 2023 to FY 2024 Increase/De In FY 2024, the Military Services The transfer of the responsibilities satisfy Congressional requirement	and the Def s for the pla	ense Inforn nning, prog	ramming, bi									
	its contained	d in the FY2	22 NDAA, S	ection 1507								

Exhibit R-2A, RDT&E Project Justification: PB 2024 United States Cyb	er Command		Date: N	larch 2023	
Appropriation/Budget Activity 0400 / 4	CY05 / R		lame) astructure and nfrastructure		
B. Accomplishments/Planned Programs (\$ in Millions)		F	Y 2022	FY 2023	FY 2024
Description: Other Cyber Operations Infrastructure details and specific a level and can be found in the Information Technology Cyberspace Congre FY 2024 Plans: Other Cyber Operations Infrastructure details and specific aspects of thes be found in the Information Technology Cyberspace Congressional Justifi	essional Justification Book. e efforts are held at a higher classification level and				
FY 2023 to FY 2024 Increase/Decrease Statement: In FY 2024, the Military Services and the Defense Information Services Ag The transfer of the responsibilities for the planning, programming, budgeti satisfy Congressional requirements contained in the FY22 NDAA, Section	ng, and execution of these resources to USCYBER				
	Accomplishments/Planned Programs Sub	totals	0.000	-	170.18

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

N/A

<u>Remarks</u>

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.

Exhibit R-3, RDT&E	Project Co	ost Analysis: PB 2	2024 Unit	ed States	s Cyber C	ommand						Date:	March 20	023	
Appropriation/Budge 0400 / 4								•	lumber/Na t Infrastruc		CY05/	t (Numbe Robust In Operations	frastructu		ther
Product Development (\$ in Millions)						FY :	2023		2024 ase		2024 CO	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
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		2024 ase		2024 CO	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	Unite	ed Sta	ites C	Cybe	r Con	nman	d)ate	: Mar	ch 2	2023		
Appropriation/Budget Activity 0400 / 4)208	3085	I Elen JCY /		•					CYO	5 I F	Robi	ust lr	er/Nai nfrast ns Infr	truc	ture	and O re	Other
		FY 2				2023	B		FY 2			F١	(202	5			026		F	FY 2	027			Y 202	-
Joint Common Access Platform (JCAP)	1	2	3	4	1 2	3	4	1	2	3 4	1 '	1 2	2 3	4	1	2	3	4	1	2	3 4	4	1	2 3	4
Joint Common Access Platform (JCAP)																									
Other Cyber Operations Infrastructure																									
Other Cyber Operations Infrastructure																									

hibit R-4A, RDT&E Schedule Details: PB 2024 United States (Cyber Command				Date: March	n 2023
propriation/Budget Activity 00 / 4	Project (Number/Name) CY05 I Robust Infrastructure and Othe Cyber Operations Infrastructure					
	Schedule Details					
		Sta	irt		En	d
Events by Sub Project		Sta Quarter	rt Year	Q	En	d Year
Events by Sub Project Joint Common Access Platform (JCAP)				Q		
				Q		
Joint Common Access Platform (JCAP)			Year	Q	uarter	Year

Exhibit R-2, RDT&E Budget Iten	n Justificat	ion: PB 202	24 United S	tates Cyber	Command					Date: Marc	ch 2023	
· · ·	iation/Budget Activity esearch, Development, Test & Evaluation, Defense-Wide / BA 4: d Component Development & Prototypes (ACD&P)R-1 Program Element (Number/Name) PE 0208086JCY / 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

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.

Exhibit R-2, RDT&E Budget Item Justification: PB 2024 U	Date:	Date: March 2023			
Appropriation/Budget Activity 0400: Research, Development, Test & Evaluation, Defense- Advanced Component Development & Prototypes (ACD&P)	R-1 Program Ele PE 0208086JCY				
3. 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 Ju	stification	PB 2024 L	Inited State	s Cyber Co	mmand					Date: Marc	ch 2023				
Appropriation/Budget Activity 0400 / 4						am Elemen 36JCY / <i>Cyb</i>			t (Number/Name) 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			

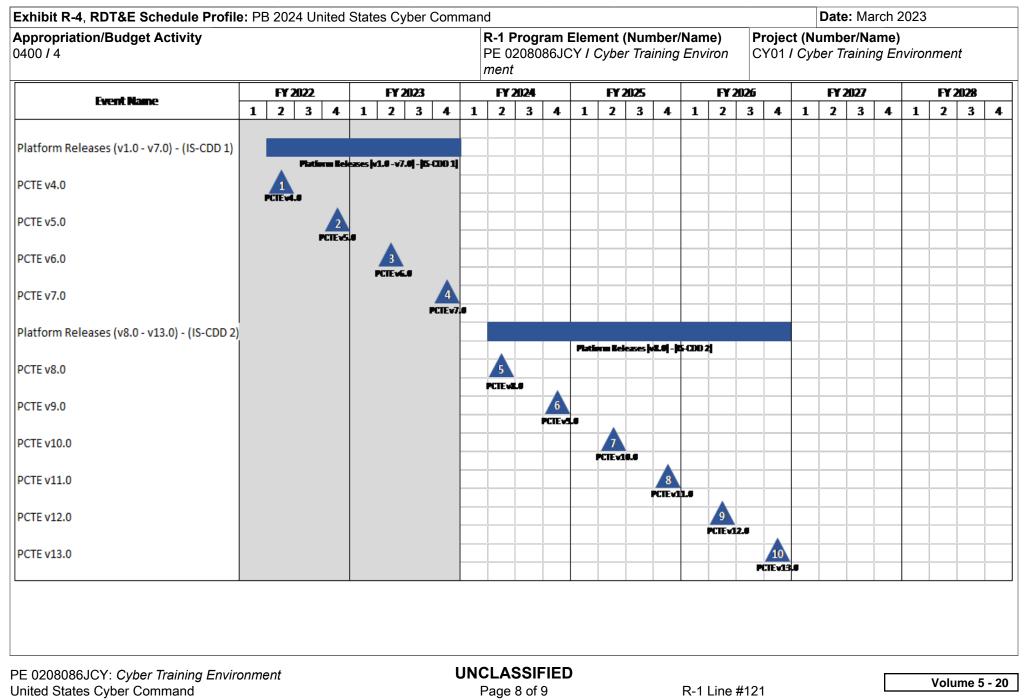
Exhibit R-2A, RDT&E Project Justification: PB 2024 United States Cyber Co	ommand		Date: M	arch 2023	
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0208086JCY / Cyber Training Environ ment	Project (N CY01 / Cy		a me) ing Environm	nent
B. Accomplishments/Planned Programs (\$ in Millions)		F١	2022	FY 2023	FY 2024
PCTE schoolhouse training, improve CMF Joint Qualification Requirements (JC capabilities. Improvements to features such as readiness assessment, traffic gr development and discoverability will continue to mature to support USCYBERC	eneration, learning management, training cont	ent			
FY 2023 to FY 2024 Increase/Decrease Statement: In FY 2024, the Military Services and the Defense Information Services Agency. The transfer of the responsibilities for the planning, programming, budgeting, a satisfy Congressional requirements contained in the FY22 NDAA, Section 1507	nd execution of these resources to USCYBER				
Title: Environment Operations and Management for Persistent Cyber Training	Environment (PCTE)		0.000	-	7.399
Description: Development of PCTE with mission-relevant terrain and realistic individual and collective training that includes certification and real-world mission		ous) of			
FY 2024 Plans: FY 2024 PCTE funding will continue to focus on USCYBERCOM priorities to in data fabric in collaboration with all component stakeholders. To enhance Cyber mission readiness, PCTE plans to focus on JCWA mission objectives that increase computation and data exchange.	r Mission Force (CMF) operations and support				
FY 2023 to FY 2024 Increase/Decrease Statement: In FY 2024, the Military Services and the Defense Information Services Agency The transfer of the responsibilities for the planning, programming, budgeting, a satisfy Congressional requirements contained in the FY22 NDAA, Section 1507	nd execution of these resources to USCYBER				
Title: Physical and Virtual Connectivity for the Persistent Cyber Training Enviro	onment (PCTE)		0.000	-	37.610
Description: PCTE maintains an infrastructure that is highly dynamic mainly control (RCS) nodes that enables on demand, reliable, and secure virtual access from Additionally, the PCTE RCS infrastructure creates a core cyber exercise integral support CMF training on all domains and classification levels.	anywhere participants are geographically loca				
FY 2024 Plans: FY 2024 PCTE funding will focus on CDRUSCYBERCOM priorities that enable Cyber Mission Force (CMF) readiness objectives. As part of the technical refre enterprise platform infrastructure. This new approach provides enhancements is improvements required to enable schoolhouse training on PCTE, significantly a	sh strategy, PCTE will introduce a scalable to expand RCS capacity and deliver infrastruc				

Exhibit R-2A, RDT&E Project Justification: PB 2024 United States Cyber (Command	Date: N	larch 2023	
Appropriation/Budget Activity 0400 / 4		Project (Number/I CY01 / Cyber Trair		nent
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2022	FY 2023	FY 2024
(JQRs) training and increase mission rehearsal capabilities. To support readi DoD and commercial enterprise transport services at the Unclassified, Secre		le		
FY 2023 to FY 2024 Increase/Decrease Statement: In FY 2024, the Military Services and the Defense Information Services Agen The transfer of the responsibilities for the planning, programming, budgeting, satisfy Congressional requirements contained in the FY22 NDAA, Section 15	and execution of these resources to USCYBERO			
Title: Persistent Cyber Training Environment (PCTE) Test and Evaluation		0.000	-	1.750
Description: PCTE integration, development, and operational testing which is operational assessments (OA), and testing in association with cyber training the Product Manager (PM) Development Operations (DevOps) process in concernation (DOT&E). An Operational Test Authority (OTA) has been incorpord DevOps testing processes.	exercises. These areas are incorporated through ordination with the Director, Operational Test and			
FY 2024 Plans: Testing will continue in FY 2024 with integration and V&V testing of the PCTE time it takes to identify and resolve emerging Cyber threats on the platform, F focused test activities in FY 2024 through a concept called Persistent Cyber (include integration testing with other platforms within the Joint Capability War	PCTE will be subject to continuous Cybersecurity Operations. Operational Test efforts in FY 2024			
FY 2023 to FY 2024 Increase/Decrease Statement: In FY 2024, the Military Services and the Defense Information Services Agen The transfer of the responsibilities for the planning, programming, budgeting, satisfy Congressional requirements contained in the FY22 NDAA, Section 15	and execution of these resources to USCYBERO			
	Accomplishments/Planned Programs Subt	otals 0.000	-	114.980
<u>C. Other Program Funding Summary (\$ in Millions)</u> N/A <u>Remarks</u> N/A				
D. Acquisition Strategy The PCTE program employs an incremental acquisition strategy leveraging a rapidly and efficiently. Through the execution of existing cyber contracts, Other actions of the execution of existing cyber contracts.				

Appropriation/Budget Activity R-1 Program Element (Number/Name) 0400 / 4 PE 0208086JCY / Cyber Training Environ based contracts, the PCTE program is able to continue enabling the PCTE platform to achieve scalability, optimization, innov dynamic needs of the CMF user base. The Product Manager awarded an integration focused Single Award Indefinite Deliver serve PCTE as well as other cyber community customers called the Cyber Training, Readiness, Integration, Delivery, and Er	Project (Number/Name) CY01 <i>I Cyber Training Environment</i> ation, and quality standards to meet the
dynamic needs of the CMF user base. The Product Manager awarded an integration focused Single Award Indefinite Deliver	ation, and quality standards to meet the
on Q1 FY2022. The Cyber TRIDENT contract enables PCTE to provide iterative capability provided to the CMF in Capability features. These CDs will be based on requirements contained and further developed as part of the PCTE Information Syster CDD). This is a major capability acquisition that will continue to deliver capability in line with Information Technology (IT) Box	y/Indefinite Quantity (ID/IQ) contract to Iterprise Technology (TRIDENT) contract Drops (CDs) that either improve or add n - Capability Development Document (IS

Exhibit R-3, RDT&E	•	-	2024 Unite	ed States	s Cyber C	1							March 20)23			
Appropriation/Budg 0400 / 4	et Activity						ogram Ele 8086JCY		Project (Number/Name) CY01 / Cyber Training Environment								
Product Developme	nt (\$ in M	illions)		FY	2022	FY	FY 2023		2024 Ise		2024 CO	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		
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 Milli	ons)		FY	2022	FY	2023	FY 2 Ba	2024 Ise		2024 CO	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		
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		2024 Ise		2024 CO	FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract		
		Project Cost Totals	-	-		-		114.980		-		114.980	Continuing	Continuing	N/A		

Remarks



hibit R-4A, RDT&E Schedule Details: PB 2024 United	d States Cyber Command			Date: March 2023						
propriation/Budget Activity 00 / 4		m Element (Number GJCY / Cyber Training								
	Schedule Deta	ails								
		Sta	irt	End						
Events by Sub Proj	ect	Quarter	Year	Quarter	Year					
PCTE v8.0 (IS-CDD 2)										
PCTE v8.0 (IS-CDD 2) PCTE v9.0		2	2024	2	2024					
		2	2024	2	2024					
PCTE v9.0		2	2024 2025	2	2024					
PCTE v9.0 PCTE v10.0										

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Exhibit R-2, RDT&E Budget Iter	n Justificat	ion: PB 202	24 United S	tates Cyber	r Command				Date: March 2023						
Appropriation/Budget Activity 0400: Research, Development, Te Advanced Component Developme							t (Number / perspace Op	orces and F	l Force Support						
COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	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)	<u>FY 2022</u>	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 Ju Appropriation/Budget Activity	stification:	PB 2024 L	United States	s Cyber Co	1	am Elemen	t (Number/	Name)	Project (N	Date: Mar umber/Nai		
0400 / 4					PE 030525	51JCY / Cyb I Force Sup	erspace Op	,		berspace C	perations F	orces and
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	Continuin
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
assess the readiness of the DOD and subordinate headquarters an delivered in and though cyberspa	nd unity of en ice, guarant	ffort with all eeing that t	other DoD he readines	Componen	ts. Ensures	the DODIN	l is availabl			Vissions, ir	cluding effe	
B. Accomplishments/Planned P	• ·		,						FY		Y 2023	FY 2024
Title: Cyberspace Operations For	rces and Fo	rce Suppor	t							0.000	-	2.66
FY 2024 Plans: Funding will provide research, dev Support. Funds support efforts ne high fidelity and realistic operating	cessary to	evaluate int							a			
FY 2023 to FY 2024 Increase/De In FY 2024, the Military Services a The transfer of the responsibilities satisfy Congressional requiremen	and the Def s for the pla	ense Inforn nning, prog	ramming, bu	udgeting, ar	nd execution	n of these re	esources to	USCYBER				
					Accomplis	hments/Pla	anned Prog	grams Subt	totals	0.000	-	2.66
<u>C. Other Program Funding Sum</u> N/A Remarks	mary (\$ in	<u>Millions)</u>										

D. Acquisition Strategy

N/A

Exhibit R-3, RDT&E F	Project Co	ost Analysis: PB 2	2024 Unit	ed States	s Cyber C	ommand						Date:	March 20)23	
Appropriation/Budge 0400 / 4	et Activity	,		PE 030	-	I Cybers	l umber/N pace Ope t		-	•		tions Ford	ces and		
Product Developmer	nt (\$ in Mi	llions)		FY	2022	FY	2023		2024 ase		2024 CO	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	FY 2022		2023		2024 ase		2024 CO	FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
		Project Cost Totals	-	-		- 2.669 -						2.669	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2024 U	Jnite	ed S	tates	Cyl	oer C	Comn	nano	d														Date	e: Ma	arch	202	23		
Appropriation/Budget Activity 0400 / 4							F	PE 0	305	5251	n Ele JCY Forc	I Cy	/ber	rspa					CY		Ċуb	ersp	er/N bace			ions	Forc	es and
	1	FY 2	202	2	1	FY 2 2	023 3	4	1	FY 2	2024	4	1	FY 2	2025 3	4	1	FY 2	2026	4	1	FY 2	2027	4	1	FY 2 2	2028 3	4
Cyberspace Operations Forces and Force Support								1										<u> </u>										
Cyberspace Operations Forces and Force Support																												

thibit R-4A, RDT&E Schedule Details: PB 2024 United States Cybe	er Command		Date: March	า 2023
opropriation/Budget Activity 00 / 4	R-1 Program Element (Number/N PE 0305251JCY / Cyberspace Ope Forces and Force Support		Project (Number/Name CY12 / Cyberspace Op Force Support	,
	Schedule Details			
				_
	Start		En	d
Events by Sub Project		Year	En Quarter	d Year
Events by Sub Project Cyberspace Operations Forces and Force Support	Start	Year		-

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Exhibit R-2, RDT&E Budget Iten	n Justificat	ion: PB 202	24 United St	ates Cyber	Command					Date: Marc	ch 2023	
Appropriation/Budget Activity 0400: Research, Development, Te Operational Systems Developmen		ntion, Defen	se-Wide I B				t (Number / ber Commar	,	trol (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.

xhibit R-2, RDT&E Budget Item Justification: PB 2024 L	Inited States Cybe	er Command		Date	: March 2023
ppropriation/Budget Activity 400: Research, Development, Test & Evaluation, Defense- Operational Systems Development	Wide I BA 7:	R-1 Program Ele PE 0208097JCY			
8. 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).

Exhibit R-2A, RDT&E Project Ju	stification:	PB 2024 L	Inited State	s Cyber Co	mmand					Date: Mare	ch 2023	
Appropriation/Budget Activity 0400 / 7					-	am Elemen 97JCY / Cyb	•		Project (N CY02 / Cyl		ne) nd and Con	trol (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)	-	-	95.733
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			

Exhibit R-2A, RDT&E Project Justification: PB 2024 United States Cyber	Command	Date: N	larch 2023	
Appropriation/Budget Activity 0400 / 7		ct (Number/I I Cyber Com		ontrol (C2)
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2022	FY 2023	FY 2024
shared situational/battle space awareness, cyber ops planning and cyber se offensive/defensive cyber operations and develop a capability to use a comr development of a common data schema; execute support contract for Help I application program interfaces for development and integration of data source requirements gathering, processing, and capability delivery; migrate capabili faster delivery, to include migration to the JCC2 Amazon Web Service (AWS for mapping/monitoring of mission relevant terrain at all domains; integrate S capabilities in support of the Joint Cyber Warfighting Architecture (JCWA) re through an agile development model, delivering operational capabilities as d	non framework for cyber risk assessments, to include Desk and IT Service Management services; develop es; develop a framework for expedient and flexible ties to cloud service to streamline scaling and support) managed environment; enhance automation ituational Awareness and Battle Management quirements construct and scale and deliver capability			
FY 2023 to FY 2024 Increase/Decrease Statement: In FY 2024, the Military Services and the Defense Information Services Age The transfer of the responsibilities for the planning, programming, budgeting satisfy Congressional requirements contained in the FY22 NDAA, Section 15	and execution of these resources to USCYBERCOM			
	Accomplishments/Planned Programs Subtotals			

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 C	ost Analysis: PB 2	2024 Unit	ed States	S Cyber C	ommand						Date:	March 20	023	
Appropriation/Budg 0400 / 7	et Activity	1					08097JCY		l umber/N a Command			: (Numbe Cyber Co	,	and Contro	ol (C2)
Product Developme	ent (\$ in M	illions)		FY	2022	FY	2023		2024 Ise		2024 CO	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
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 Million	ns)			FY	2022	FY	2023		2024 Ise		2024 CO	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	-	-		-		7.200	Oct 2023	-		7.200	Continuing	Continuing	-
		Subtotal	-	-		-		7.200		-		7.200	Continuing	Continuing	N//
Test and Evaluation	ı (\$ in Milli	ions)		FY	2022	FY	2023		2024 Ise		2024 CO	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
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 Servic	ces (\$ in M	lillions)		FY	2022	FY	2023		2024 Ise		2024 CO	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
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		2024 Ise		2024 CO	FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
		Project Cost Totals	_	_		_		95.733				95.733	Continuing	Continuing	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2	2024 Unite	ed States Cyber C	ommand			Date:	March 20	23	
Appropriation/Budget Activity 0400 / 7				ement (Number/N ′ I Cyber Command		t (Numbe Cyber Co	,	nd Contr	ol (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

Exhibit R-4, RDT&E Schedule Profile: PB 2024 U	Jnite	d St	ates	Cyb	ber C	Comr	manc	b														Dat	e: M	arch	202	23		
Appropriation/Budget Activity 0400 / 7							F		208	3097					ו ber /ו חmar									lame mano		nd Co	ontro	l (C2)
	1	FY 2	2022	2	1	FY 2	2023	4	1	FY 2	2024	4	1	FY 2	2025	4	1	=Y 2 2	026 3	4	1		2027	7	1	FY 2	2028 3	4
Joint Cyber Command and Control		-		-	•	-	•	-	•	-	•	-	•	-	U	-	•	-	•	•	•				•	-	•	-
Continuous Integration and Continuous Delivery Infrastructure																												
Agile Capability Development																												

xhibit R-4A, RDT&E Schedule Details: PB 2024 United States Cyber C	ommand				Date: March	า 2023
ppropriation/Budget Activity 400 / 7		Element (Numbe CY I Cyber Comm			umber/Nam ber Comman	e) d and Control (C2)
	Schedule Details	-				
		St	art		En	d
Events by Sub Project		Quarter	Year	G	luarter	Year
Joint Cyber Command and Control						
Continuous Integration and Continuous Delivery Infrastructure		1	2024		4	2028
Agile Capability Development		1	2024		1	2028

Exhibit R-2, RDT&E Budget Iten	n Justificati	ion: PB 202	24 United S	tates Cyber	Command					Date: Marc	ch 2023	
Appropriation/Budget Activity 0400: Research, Development, Te Operational Systems Developmen		ition, Defen	se-Wide I B	BA 7:			t (Number /l a and Unifie	,				
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.

xhibit R-2, RDT&E Budget Item Justification: PB 2024 U	Date:	March 2023			
Appropriation/Budget Activity 400: Research, Development, Test & Evaluation, Defense- Operational Systems Development	Wide I BA 7:	-	ement (Number/Name) I Data and Unified Plat		
3. 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 Ju	stification:	PB 2024 L	Inited State	s Cyber Co	mmand					Date: Marc	ch 2023	
Appropriation/Budget Activity 0400 / 7R-1 Program Element (Number/Name) PE 0208099JCY / Data and Unified PlatformProject (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.			

Exhibit R-2A, RDT&E Project Justification: PB 2024 United States Cyber Co	ommand	Date: N	/larch 2023	
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name)PPE 0208099JCY / Data and Unified PlatformC	oject (Number/ ′03 / Unified Pla	,	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2022	FY 2023	FY 2024
UP capabilities are developed within the government-led UP Continuous Integration a common pipeline baseline maintained by Platform One. This pipe integration, and staging environment to permit collaborative development. Dev security compliance and continually tested to ensure development meets estable	line provides a common system development, elopmental efforts will be continuously verified fo			
FY 2024 Plans: UP will integrate forward deployed operations with enterprise data and analytic multinational and joint-service partners; extend DevSecOps platform to enable other JCWA programs; develop JCWA enterprise Network Operations Center capabilities; develop new capabilities, modernize infrastructure, and execute p Trust security architecture for JCWA enterprise	CI/CD of classified capabilities for UP and (NOC) and Security Operations Center (SOC)			
FY 2023 to FY 2024 Increase/Decrease Statement: In FY 2024, the Military Services and the Defense Information Services Agence. The transfer of the responsibilities for the planning, programming, budgeting, a satisfy Congressional requirements contained in the FY22 NDAA, Section 150	nd execution of these resources to USCYBERCO			
	Accomplishments/Planned Programs Subto	als -	-	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 order to match the speed of need of the dynamic cyberspace domain, the Serv development, integration, and fielding of capabilities to remain responsive to e requirements provided by USCYBERCOM, the Army, Navy, Marine Corps, and UP governance structure. 	vice-agnostic UP implements an agile developme volving warfighter requirements. The UP program	nt framework to develops capat	facilitate the r bility in respor	apid nse to

0400 / 7	et Activity	1					ogram El 8099JCY		umber/Na nd Unified		-	Unified Pl	r/ Name) atform		
Product Developme	ent (\$ in Mi	llions)		FY	2022	FY	2023		2024 Ise		2024 CO	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	- 1
UP Agile Capability Development	TBD	Multiple : Various	-	-		-		49.400	Oct 2023	-		49.400	Continuing	Continuing	J –
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	J –
CYBERCOM UP Cloud	C/Various	Various : Various	-	-		-		7.307	Oct 2024	-		7.307	Continuing	Continuing	ı –
		Subtotal	_	-		-		107.471		-		107 471	Continuino	Continuing	N/
		Subiolai	_							-		107.471	Continuing	Continuing	, · · · ·
		Subiotai							0.24		0004			Continuing	
Support (\$ in Millior	ns)	Subiolai		FY	2022		2023	FY 2	2024 Ise	FY	2024 CO	FY 2024 Total		Continuing	<u>,</u>
	Contract Method	Performing	Prior		Award	FY	Award	FY 2 Ba	Award	FY 2 Of	CO Award	FY 2024 Total	Cost To	Total	Target Value of
Support (\$ in Millior Cost Category Item Direct Cite Authority Civilian Pay	Contract			FY 2 Cost				FY 2	Award Date	FY	0	FY 2024 Total Cost	Cost To Complete	Total	Target Value of Contrac
Cost Category Item Direct Cite Authority	Contract Method & Type	Performing Activity & Location	Prior		Award	FY	Award	FY 2 Ba Cost	Award Date	FY 2 Of Cost	CO Award	FY 2024 Total Cost 8.500	Cost To Complete Continuing	Total Cost	Target Value of Contract
Cost Category Item Direct Cite Authority Civilian Pay	Contract Method & Type TBD	Performing Activity & Location Multiple : Various Subtotal	Prior Years -	Cost -	Award	FY 2 Cost	Award	FY 2 Ba Cost 8.500 8.500	Award Date Oct 2023	FY 2 Of Cost - -	CO Award Date	FY 2024 Total Cost 8.500 8.500	Cost To Complete Continuing	Total Cost Continuing	Target Value of Contract
Cost Category Item Direct Cite Authority	Contract Method & Type TBD	Performing Activity & Location Multiple : Various Subtotal	Prior Years -	Cost - -	Award	FY 2 Cost -	Award	FY 2 Ba Cost 8.500 8.500	Award Date	FY 2 00 Cost - - FY 2	CO Award	FY 2024 Total Cost 8.500	Cost To Complete Continuing	Total Cost Continuing	Target Value of Contrac
Cost Category Item Direct Cite Authority Civilian Pay Test and Evaluation	Contract Method & Type TBD (\$ in Milli Contract Method	Performing Activity & Location Multiple : Various Subtotal ONS) Performing	Prior Years -	Cost - -	Award Date	FY 2 Cost -	Award Date	FY 2 Ba Cost 8.500 8.500	Award Date Oct 2023 2024	FY 2 00 Cost - - FY 2	CO Award Date	FY 2024 Total Cost 8.500 8.500 FY 2024	Cost To Complete Continuing Continuing	Total Cost Continuing Continuing	Target Value of Contract
Cost Category Item Direct Cite Authority Civilian Pay	Contract Method & Type TBD (\$ in Milli Contract	Performing Activity & Location Multiple : Various Subtotal ONS)	Prior Years - - Prior	Cost - - FY 2	Award Date 2022 Award	FY 2 Cost - - FY 2	Award Date 2023 Award	FY 2 Ba Cost 8.500 8.500 FY 2 Ba	Award Date Oct 2023 2024 Ise Award	FY 2 00 Cost - - FY 2 00	CO Award Date 2024 CO Award	FY 2024 Total Cost 8.500 8.500 FY 2024 Total Cost	Cost To Complete Continuing Continuing Cost To Complete	Total Cost Continuing Continuing	Target Value of Contract J - J N// Target Value of Contract

Exhibit R-3, RDT&E	Project C	ost Analysis: PB 2	2024 Unit	ed States	S Cyber C	ommand						Date:	March 20)23	
Appropriation/Budg 0400 / 7	et Activity	,							umber/Na nd Unified			(Number Unified Pl			
Management Servic	es (\$ in M	illions)		FY	2022	FY :	2023		2024 Ise		2024 CO	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
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		2024 Ise		2024 CO	FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
		Project Cost Totals	-	-		-		136.471		-		136.471	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2024 U	nite	d St	ates	s Cyl	ber	Com	mar	nd														Date	e: Ma	arch	n 20	23		
Appropriation/Budget Activity 1400 / 7							I			-				Nun and							•		er/N Platf					
		FY	2022	2		FY	2023	3		FY	2024	Ļ		FY 2	2025	5		FY	2026	;		FY 2	2027	,		FY	2028	3
	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																												-
	J																											

hibit R-4A, RDT&E Schedule Details: PB 2024 United States Cybe	r Command				Date: Marcl	h 2023
propriation/Budget Activity 00 / 7		umber/Nam ified Platform				
	Schedule Details					
		Sta	art		En	d
Events by Sub Project		Quarter	Vaar	<u> </u>		
		Quarter	Year	6	luarter	Year
Unified Platform		Quarter	fear		luarter	Year
		1	2024		Auarter	Year 2028
Unified Platform		1 1			Auarter 4 4	

Exhibit R-2A, RDT&E Project Ju	stification:	PB 2024 L	Inited State	s Cyber Co	1					Date: Ma	ch 2023	
Appropriation/Budget Activity 0400 / 7						am Elemen 99JCY <i>I Dat</i>			Project (N CY11 / Dat			
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	2.31	5 Continuing	Continuir
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Buc	laet Item Ju	ustification										
US Cyber Command's (USCYBE and defense of the Department of This program element includes n capability in accordance with US	on-USCYBE	nformation e	environmen ilian pay ex	t, and supp	ort the achi	evement of	the Joint Fo	orce Comma	ander's obje	ctives.		
B. Accomplishments/Planned P	<u> Programs (</u> \$	in Millions	<u>5)</u>						FY	2022	FY 2023	FY 2024
Title: Data Management			•							0.000	-	2.08
Description: US Cyber Comman infrastructure, provide mission as and support the achievement of the FY 2024 Plans: Funds efforts necessary to evalue and realistic operating environme synchronize existing systems and	surance for he Joint For ate integrate nt. Data wil	the operation ce Comman ed technolog I be integra	ons and def nder's objec gies, repres	ense of the ctives. entative mo	Departmer	nt of Defens	e informatic ms in a higł	on environm n fidelity	ient,			
FY 2023 to FY 2024 Increase/De In FY 2024, the Military Services The transfer of the responsibilities satisfy Congressional requirement	ecrease Sta and the Def s for the pla	t ement: ense Inform nning, progi	ramming, b	udgeting, a	nd executio	n of these re	esources to	USCYBER				
					Accomplis	shments/Pl	anned Prog	grams Sub	totals	0.000	-	2.08
<u>C. Other Program Funding Sum</u> N/A <u>Remarks</u>	imary (\$ in	<u>Millions)</u>								<u>,</u>		
D. Acquisition Strategy The origin, details and specific as Congressional Justification Book		ese efforts a	are held at a	a higher cla	ssification le	evel and car	n be found i	n the Inform	nation Techi	nology Cyt	erspace	

Exhibit R-3, RDT&E	Project Co	ost Analysis: PB 2	2024 Unit	ed States	Cyber C	ommand						Date:	March 20	023	
Appropriation/Budg 0400 / 7	et Activity	,							umber/Na nd Unified			(Numbe Data Mar			
Product Developme	nt (\$ in Mi	illions)		FY	2022	FY	2023		2024 Ise	FY 2 OC		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		2024 Ise	FY 2 OC		FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
		Project Cost Totals	-	-		-		2.087		-		2.087	Continuing	Continuing	N//

Remarks

	PB 2024 United States Cyber Command R-1 Program Element (Number/Name) PE 0208099JCY I Data and Unified Platform																	ate: N	_		23				
ppropriation/Budget Activity 400 / 7							R-1	Pro	gram E 8099.10	Eleme Y / D	ent (ata a	Num and l	ber /l	Nar ed F	ne) Platfor	P m C	rojeo Y11	ct (N 1 Da	lum ta I	ber/N	lam Dem	e) ent			
							· =	0200										. 24			<u>,</u>				
			2022			FY 202			FY 202		_		2025			ŕ 2 02			_	(202	_		_	202	_
	1	2	3	4 ´	1	2 3	3 4	1	2 3	4	1	2	3	4	1	2 3	3 4	1	2	2 3	4	1	2	3	4
Data Management																									
Data Management																									

hibit R-4A, RDT&E Schedule Details: PB 2024 United States	Cyber Command		Date: Mar	rch 2023
propriation/Budget Activity 00 / 7	R-1 Program Element (Num PE 0208099JCY / Data and L		Project (Number/Na CY11 / Data Manager	
	Schedule Details			
		04		
		Start	E	End
Events by Sub Project		Start Year	E Quarter	End Year
Events by Sub Project Data Management				-

Exhibit R-2, RDT&E Budget Iten	n Justificat	ion: PB 202	24 United St	tates Cyber	Command					Date: Marc	ch 2023	
Appropriation/Budget Activity 0400: Research, Development, Te Operational Systems Developmen		ation, Defen	se-Wide I B	A 7:	-	am Element 50JCY / Cyb	•		ogy Suppor	t		
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)	<u>FY 2022</u>	<u>FY 2023</u>	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

xhibit R-2, RDT&E Budget Item Justification: PB 2024 United States Cyt	ber Command	Date: March 2023
ppropriation/Budget Activity 100: Research, Development, Test & Evaluation, Defense-Wide I BA 7: perational Systems Development	R-1 Program Element (Number PE 0306250JCY / Cyber Operation	
Change Summary Explanation In FY 2024, the Military Services and the Defense Information Service responsibilities for the planning, programming, budgeting, and execut the FY22 NDAA, Section 1507 (Public Law 117-81, December 27, 20	ion of these resources to USCYBEF	

Exhibit R-2A, RDT&E Project Ju	ustification:	PB 2024 L	Inited State	s Cyber Co	mmand					Date: Marc	ch 2023	
Appropriation/Budget Activity						am Elemen			Project (N			
0400 / 7					ology Sup	50JCY I Cyb port	er Operatio	ons lechn	CY067 Cyl	ber Weapor	is/ Iools	
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 Bud US Cyber Command's (USCYBE and defense of the Department of B. Accomplishments/Planned F	RCOM) mis f Defense ir	sion is to de formation e	eter or defe environment						ander's obje	ctives.	e for the ope	erations

<u>B. Accomptistiments/riamed riograms (\$ in withous)</u>	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.			
<i>FY 2024 Plans:</i> 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

Exhibit R-2A, RDT&E Project Justification: PB 2024 United Sta	ates 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 CY06 / Cyber We		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2022	FY 2023	FY 2024
Description: Air Force Payloads provide advanced offensive cyb Headquarters Cyber – Air Force (JFHQ-C (AF)) in direct support of Commands (COCOMs), unified commands, and national agency support the Joint Network Attack Initial Capabilities Document (IC (NMS-CO), Department of Defense Cyber Strategy, USCYBERCO documents in the delivery of offensive cyber effects.	of US Cyber Command (USCYBERCOM), other Combatan cyber warfighting requirements. Air Force Payloads directly D), the National Military Strategy for Cyberspace Operation	y		
FY 2024 Plans: The origin, details and specific aspects of these efforts are held at Technology Cyberspace Congressional Justification Book.	t a higher classification level and can be found in the Inform	nation		
FY 2023 to FY 2024 Increase/Decrease Statement: In FY 2024, the Military Services and the Defense Information Ser The transfer of the responsibilities for the planning, programming, satisfy Congressional requirements contained in the FY22 NDAA,	budgeting, and execution of these resources to USCYBER			
Title: Marine Corps Cyber Weapons/Tools		-	-	23.47
Description: MARFORCYBER provides advanced cyber warfare Commanders and national agencies to enable and accomplish glo peer and near-peer threats, as well as violent extremist organizati constructed cyber weapons are target specific and require high qu acceptable level of risk. The specific details and aspects of these	obal operations. Cyber weapons disrupt rising advanced ions seeking to do harm to the United States. The software uality, rapid adjustments to achieve desired effects at an			
FY 2024 Plans: The origin, details and specific aspects of these efforts are held at Technology Cyberspace Congressional Justification Book.	t a higher classification level and can be found in the Inform	nation		
FY 2023 to FY 2024 Increase/Decrease Statement: In FY 2024, the Military Services and the Defense Information Ser The transfer of the responsibilities for the planning, programming, satisfy Congressional requirements contained in the FY22 NDAA,	budgeting, and execution of these resources to USCYBER			
<i>Title:</i> Army Cyber Weapons/Tools		-	-	20.56
Description: Army Payloads provide advanced offensive cyber w	arfare canabilities to the 780th MIB / Joint Force			

Exhibit R-2A, RDT&E Project Justification: PB 2024 United State	es 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/ CY06 / Cyber Wea		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2022	FY 2023	FY 2024
Headquarters Cyber – Army (JFHQ-C (A)) in direct support of US C Commands (COCOMs), unified commands, and national agency cy advanced peer and near-peer threats, as well as violent extremist c software constructed cyber weapons require high quality, rapid adjurisk. The specific details and aspects of these cyber activities are h	yber warfighting requirements. Cyber weapons disrupt ris organizations seeking to do harm to the United States. The ustments to achieve desired effects at an acceptable level	e		
The origin, details and specific aspects of these efforts are held at a Technology Cyberspace Congressional Justification Book.	a higher classification level and can be found in the Inform	ation		
FY 2023 to FY 2024 Increase/Decrease Statement: In FY 2024, the Military Services and the Defense Information Serv The transfer of the responsibilities for the planning, programming, b satisfy Congressional requirements contained in the FY22 NDAA, S	pudgeting, and execution of these resources to USCYBER			
<i>Title:</i> Navy Cyber Weapons/Tools		-	-	44.16
Description: Navy Cyber Weapons and Tools develop Navy found Mission Forces in accordance with requirements, guidance, and pro Cyberspace additional support facilities and infrastructure; Program security support; Specialized Cyberspace technical, engineering, and development network and network support; Cyberspace hardware Development (R&D) activities leading to cyber tool opportunities and and Reserve Tool Kits; and Cyberspace activity logistics support (A	evious work completed, focusing on the following activities n office, program management, engineering, administrative nd management capabilities; Expand Cyberspace Activitie and software reverse engineering development; Research nd vulnerabilities; Cyberspace tool development of Founda	s: e, and es i and		
FY 2024 Plans: The origin, details and specific aspects of these efforts are held at a Technology Cyberspace Congressional Justification Book.	a higher classification level and can be found in the Inform	ation		
FY 2023 to FY 2024 Increase/Decrease Statement: In FY 2024, the Military Services and the Defense Information Serv The transfer of the responsibilities for the planning, programming, b satisfy Congressional requirements contained in the FY22 NDAA, S	pudgeting, and execution of these resources to USCYBER			
	Accomplishments/Planned Programs Sub		1	308.62

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	•	lumber/Name) ber Weapons/Tools
C. Other Program Funding Summary (\$ in Millions) N/A			
Remarks			
D. Acquisition Strategy	notonian to the Culture Minerian Forence, Constructo		

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 Co	ost Analysis: PB 2	2024 Unit	ed States	S Cyber C	ommand						Date:	March 20)23	
Appropriation/Budg 0400 / 7	et Activity	1					6250JCY		l umber/N Operation			t (Numbe i Cyber We	,	ols	
Product Developme	nt (\$ in Mi	llions)		FY	2022	FY 2	2023		2024 ase		2024 CO	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		2024 ase		2024 CO	FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
		Project Cost Totals	-	-		-		308.620		-		308.620	Continuing	Continuing	N/A

xhibit R-4, RDT&E Schedule Profile: PB 2024	Jnite	ed St	ates	Cyb	oer C	Com	man	d														Date	e: Ma	arch	202	23		
Appropriation/Budget Activity 400 / 7									0306	625	am E 60JC bort												er/N Veap			ols		
		FY	2022	2		FY	2023			FY	202	4		FY	202	5		FY	2026	6		FY	2027	,		FY 2	028	
	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																												

hibit R-4A, RDT&E Schedule Details: PB 2024 United States	Cyber Command			Date: Marc	h 2023
propriation/Budget Activity 00 / 7	-	Element (Number CY I Cyber Operati		Project (Number/Nam CY06 / Cyber Weapon	
	Schedule Details	3			
		Sta	art	Er	nd
Events by Sub Project		Quarter	Year	Quarter	Year
Cyber Weapons					
Exploitation framework spiral development		1	2024	4	2028
Cyber Tools		L			
			0004	4	0000
AF Payloads - Neptune Rumble		1	2024	4	2028
AF Payloads - Neptune Rumble AF Payloads - Wicked Wizard		1	2024	4 4	2028

Exhibit R-2A, RDT&E Project Ju Appropriation/Budget Activity 0400 / 7		. РВ 2024 U			R-1 Progra	am Elemen 50JCY / Cyb			Project (N CY07 / Jo (JCWA)			rchitecture
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	203.57	4 Continuing	Continuin
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
<i>Title:</i> Joint Cyber Warfighting Arc <i>Description:</i> U.S. Cyber Comma warfighting systems. JCWA serve address functions, relationships, <i>FY 2024 Plans:</i> JCWA funds synchronize cyber w sensors, and tools integrate syste <i>FY 2023 to FY 2024 Increase/De</i> In FY 2024, the Military Services The transfer of the responsibilities satisfy Congressional requirement	and created and depend varfighting p ems that ena ecrease Sta and the Def s for the pla	the Joint Cy ing concept encies of co rograms ac able the wa tement: ense Inform nning, prog	for cyber w onstituent sy ross the DC fighter. nation Servio ramming, bu	arfighting a /stems.)D. The JC ¹ ces Agency udgeting, a	WA includes (DISA) trained (DISA) trained	and investm s a range of nsferred res n of these re	software-e ources to L	ns which nabled syst ISCYBERC USCYBER	ems, OM.	0.000	-	91.21
					Accomplis	shments/Pla	anned Prog	grams Sub	totals	0.000	-	91.21
 C. Other Program Funding Sum N/A Remarks D. Acquisition Strategy The origin, details and specific as Congressional Justification Book 	spects of the	·	are held at a	higher clas	ssification le	evel and car	n be found i	n the Inform	nation Tech	nology Cyl	perspace	

Exhibit R-3, RDT&E	Project C	ost Analysis: PB 2	2024 Unit	ed States	S Cyber C	ommand						Date:	March 20	23	
Appropriation/Budg 0400 / 7	et Activity	1					6250JCY	•	umber/N a Operation		-		r/ Name) er Warfigh	nting Arc	hitecture
Product Developme	nt (\$ in Mi	llions)		FY	2022	FY	2023		2024 Ise		2024 CO	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
JCWA	C/Various	Various : Various	-	-		-		91.214	Oct 2024	-		91.214	Continuing	Continuing	. -
		Subtotal	-	-		-		91.214		-		91.214	Continuing	Continuing	g N/A
			Prior Years	FY	2022	FY	2023		2024 Ise		2024 CO	FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
		Project Cost Totals	-	-		-		91.214		-		91.214	Continuing	Continuing) N/A

Exhibit R-4, RDT&E Schedule Profile: F	PB 2024 United States Cybe	r Command				Date: Marc	ch 2023
Appropriation/Budget Activity 0400 / 7		PE (-	nt (Number/Name) /ber Operations Tec	-		ne) arfighting Architec
	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							

xhibit R-4A, RDT&E Schedule Details: PB 2024 United States Cybe	er Command			Date: Marc	h 2023
ppropriation/Budget Activity 400 / 7	R-1 Program Element (N PE 0306250JCY / Cyber (ology Support			lumber/Nam int Cyber Wa	e) rfighting Architectur
	Schedule Details				
		Start		Fr	
		•••••			nd
Events by Sub Project	Quarte		r (Quarter	nd Year
Events by Sub Project JCWA	Quarte		r (

Exhibit R-2A, RDT&E Project Ju	stification	PB 2024 L	Jnited State	s Cyber Co	mmand					Date: Mar	ch 2023	
Appropriation/Budget Activity 0400 / 7						am Elemen 50JCY / Cyb port			Project (I CY08 / M	Number/Na DDE	ne)	
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	37.89	7 37.928	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
This program element includes no capability in accordance with USC The origin, details and specific as Congressional Justification Book.	CC MOA.	ese efforts a	are held at a			-			nation Tech	nology Cyb	erspace	
B. Accomplishments/Planned P Title: MDDE	rograms (S		<u>5)</u>						F	Y 2022	FY 2023	FY 2024 37.760
Description: The origin, details a the Information Technology Cyber FY 2024 Plans: The origin, details and specific as Technology Cyberspace Congres	rspace Con pects of the	gressional . se efforts a	Justification re held at a	Book.								37.700
FY 2023 to FY 2024 Increase/De In FY 2024, the Military Services a The transfer of the responsibilities satisfy Congressional requiremen	and the Def for the pla	ense Inform nning, prog	ramming, b	udgeting, a	nd executio	n of these re	esources to	USCYBER				
					Accomplis	shments/Pla	anned Prog	grams Sub	totals	-	-	37.760
C. Other Program Funding Sum N/A <u>Remarks</u> <u>D. Acquisition Strategy</u> The origin, details and specific as Congressional Justification Book.	pects of the	·	are held at a	a higher cla	ssification le	evel and car	n be found in	n the Inforn	nation Tech	nology Cyb	erspace	

Exhibit R-3, RDT&E	Project C	ost Analysis: PB 2	2024 Unit	ed States	S Cyber C	ommand						Date:	March 20)23	
Appropriation/Budg 0400 / 7	et Activity	,					6250JCY		umber/N Operation		Project CY08 /	(Number MDDE	r/Name)		
Product Developme	nt (\$ in Mi	illions)		FY	2022	FY	2023	FY 2 Ba			2024 CO	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
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 2 Ba	2024 Ise		2024 CO	FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
		Project Cost Totals	-	-		-		37.760		-		37.760	Continuing	Continuing	N/A

Exhibit R-4, RDT&E Schedule Profile:	PB 2024 Unit	ed Sf	tates	Cyb	oer C	Comr	mand												Date: March 2023								
Appropriation/Budget Activity 0400 / 7							F	PE 03	3062		CY /			u mbe Operat					-	•	Number/Name) IDDE						
		FY	2022	2		FY 2	2023		F	TY 20	24		F١	Y 202	5		FY	2026		1	FY :	2027	,		FY 2	2028	;
			-	1 -	-																						· · · · · ·
	1	2	3	4	1	2	3	4	1	2	3 4	l 1	2	2 3	4	1	2	3	4	1	2	3	4	1	2	3	4
MDDE	1	2	3	4	1	2	3	4	1	2	3 4	i 1	2	2 3	4	1	2	3	4	1	2	3	4	1	2	3	4

Exhibit R-4A, RDT&E Schedule Details: PB 2024 United States Cybe	er Command		Date: Marc	h 2023
ppropriation/Budget Activity 400 / 7	R-1 Program Element (Number/Na PE 0306250JCY / Cyber Operations ology Support		Project (Number/Nam CY08 / MDDE	e)
	Schedule Details			
			- En	A
Events by Sub Project	Start	Voar	En	-
Events by Sub Project MDDE		Year	Er Quarter	id Year

Exhibit R-2A, RDT&E Project Ju	stification:	PB 2024 U	Inited State	s Cyber Co	mmand					Date: Marc	ch 2023	
Appropriation/Budget Activity 0400 / 7					-	am Elemen 50JCY / Cyb port	•		Project (N CY09 / Ser		ne)	
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.			
<i>FY 2023 to FY 2024 Increase/Decrease Statement:</i> 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 hel Congressional Justification Book.	ld at a higher classification level and can be found in the Inforn	nation Technology Cyberspace

Exhibit R-3, RDT&E	Project C	ost Analysis: PB 2	024 Unit	ed States	S Cyber C	ommand						Date:	March 20)23	
Appropriation/Budg 0400 / 7	et Activity	,					6250JCY		l umber/N Operation		-	(Numbe Sensors	r/Name)		
Product Developme	nt (\$ in Mi	illions)		FY	2022	FY	2023		2024 ase	FY 2 O(2024 CO	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
Sensors	C/Various	Various : Various	-	-		-		31.791	Oct 2024	-		31.791	Continuing	Continuing	- 1
		Subtotal	-	-		-		31.791		-		31.791	Continuing	Continuing	N/A
			Prior Years	FY	2022	FY	2023		2024 ase		2024 CO	FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
		Project Cost Totals	-	-		-		31.791		-		31.791	Continuing	Continuing	N/A

Exhibit R-4, RDT&E Schedule Profile: F	B 2024 United State	es Cyb	ber C	Comma	and									Date: March 2023							
Appropriation/Budget Activity 0400 / 7					PE	030	-		•	Number/I r Operation				•	ect (Number/Name) 9 / Sensors						
	FY 20	22		FY 20	23		FY 202	4		FY 2025		F	202	26		FY 202	7	FY 2028			
	1 2 3	3 4	1	2 3	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																					

xhibit R-4A, RDT&E Schedule Details: PB 2024 United States Cyber	Command			C	Date: March 2023				
ppropriation/Budget Activity 400 / 7	-	Element (Number Y I Cyber Operati	,	Project (Nu CY09 / Sens		e)			
	PE 0306250J0								
		Sta	art		En	d			
Events by Sub Project		Quarter	Year	Qu	uarter	Year			
Sensors		L							