

UNCLASSIFIED

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

Appropriation/Budget Activity 3620F: <i>Research, Development, Test & Evaluation, Space Force I BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 1206421SF / <i>Counterspace Systems</i>
--	--

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	-	46.872	31.544	36.537	0.000	36.537	37.014	37.322	38.084	39.460	0.000	266.833
65A001: <i>Counter Satellite Communications System</i>	-	29.991	19.527	34.382	0.000	34.382	34.816	35.072	35.788	37.081	0.000	226.657
65A005: <i>Offensive Counterspace (OCS) C2</i>	-	2.464	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.464
65A013: <i>BOUNTY HUNTER</i>	-	14.417	12.017	2.155	0.000	2.155	2.198	2.250	2.296	2.379	0.000	37.712

Note

This program, BA 5, PE 1206421SF, project 65A001, Counter Communications System CCS Emerging Threat Integration Program (CETIP), is a new start.

A. Mission Description and Budget Item Justification

Acquisition Decision Memorandum (ADM) April 24th 2009, directed all capabilities identified in the October 4th 2006, Counter Communications System (CCS) Block 20, Joint Requirements Oversight Council (JROC) approved Capability Development Document (CDD) shall be accomplished as Pre-planned Product Improvement Program (P3I) upgrades to the CCS Block 10. On April 11th 2016, Air Force Space Command (AFSPC) updated ADM adding additional responsibility for CCS Block 10.3 Meadowlands.

CCS provides expeditionary, deployable, reversible offensive space control (OCS) effects applicable across the full spectrum of conflict. It prevents adversary Satellite Communications (SATCOM) in Area of Responsibility (AOR) including Command & Control (C2), Early Warning and Propaganda, and hosts Rapid Reaction Capabilities in response to Urgent Needs. This program effort includes architecture engineering and studies, system hardware design and development, software design and integration, and testing and demonstration of capabilities to provide disruption of satellite communications signals.

Space acquisition must respond with speed and agility to emerging adversary threats. The Space Systems Command (SSC) has transformed the organization and implementation of space acquisition to an enterprise approach, to increase innovation and resiliency, leveraging international, commercial, and mission partnerships, and managing program/project priorities according to an integrated unclassified/classified enterprise space architecture. Expanding the appropriate acquisition authorities and contract mechanisms to deliver capability sooner, SSC will strategically execute experimentation, prototyping, risk reduction, and other efforts to develop new or repurpose existing capabilities.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver CCS weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program elements 1206392SF and 1206398SF.

Bounty Hunter (BH) is a ground-based, deployable, tactical space Electronic Warfare Support system (ES) that provides SATCOM geolocation and interference detection capabilities that support the Defensive Space Control of US systems in a specific AOR. BH provides the capability to monitor, detect, characterize and

UNCLASSIFIED

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

Appropriation/Budget Activity 3620F: <i>Research, Development, Test & Evaluation, Space Force I BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 1206421SF / <i>Counterspace Systems</i>
--	--

geolocate friendly and unfriendly electro-magnetic interference (EMI) across multiple radio frequency bands in support of Command, Control, Communications, Computers, and Intelligence (C4I) systems by US Joint forces. Continuing annual agile development is needed to meet new user needs in an ever changing threat environment.

This program element may include civilian pay expenses required to manage, execute, and deliver Bounty Hunter capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829S.

This program is in Budget Activity 5, System Development and Demonstration (SDD) because it has passed Milestone B approval and is conducting engineering and manufacturing development tasks aimed at meeting validated requirements prior to full rate production.

B. Program Change Summary (\$ in Millions)	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Previous President's Budget	48.063	21.848	36.600	0.000	36.600
Current President's Budget	46.872	31.544	36.537	0.000	36.537
Total Adjustments	-1.191	9.696	-0.063	0.000	-0.063
• Congressional General Reductions	0.000	-0.304			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	10.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	-1.191	0.000			
• Other Adjustments	0.000	0.000	-0.063	0.000	-0.063

Change Summary Explanation

FY 2024: -0.227M to realign funding to APPN 3410, PE 1207804SF (SAG 13C), for fiscal policy compliance as Space Systems Command (SSC) establishes Headquarters functions and a Chief Information Office (CIO) for integrated cybersecurity.

FY 2024: +0.164M inflation increase for non-pay and non-fuel purchases.

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2024 Air Force										Date: March 2023		
Appropriation/Budget Activity 3620F / 5					R-1 Program Element (Number/Name) PE 1206421SF / <i>Counterspace Systems</i>				Project (Number/Name) 65A001 / <i>Counter Satellite Communications System</i>			
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
65A001: <i>Counter Satellite Communications System</i>	-	29.991	19.527	34.382	0.000	34.382	34.816	35.072	35.788	37.081	0.000	226.657
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

This program, BA 5, PE 1206421SF, project 65A001, Counter Communications System CCS Emerging Threat Integration Program (CETIP), is a new start.

A. Mission Description and Budget Item Justification

Acquisition Decision Memorandum ADM April 24th 2009, directed all capabilities identified in the Oct 4th 2006 CCS Block 20, Joint Requirements Oversight Council JROC approved Capability Development Document CDD shall be accomplished as Pre-planned Product Improvement Program P3I upgrades to the Counter Communications System CCS Block 10. On April 11th 2016, Air Force Space Command AFSPC signed and updated ADM adding additional responsibility for CCS Block 10.3 Meadowlands.

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

	FY 2022	FY 2023	FY 2024
Title: Counter Communications System CCS Pre-planned Product Improvement P3I Program	29.991	19.527	4.000
Description: Develop, integrate, test and field the CCS P3I program. This is an incremental approach to deliver Block 20 CCS capabilities.			
FY 2023 Plans: Continue P3I development, integration and testing of the Block 10 P3I Meadowlands program. Include additional CCS Block 20 capabilities in CCS Block 10.3 Meadowlands, design forward garrison systems, mission specific emulators, training environment and multi-range integration. Continue development of new mission techniques to meet advancing threat and integrate techniques into the CCS program of record. Continue Agile development approach for development of weapon system software and mission techniques. Prepare for concentrated stand-alone testing of CCS warfighting techniques and integration of the next counter Electronic Warfare EW system.			
Further, FY 2023 funding will further the program's development to rapidly respond and implement system resiliency and situational awareness necessary to operate in the contested space domain. Activities may include, but are not limited to: studies, technical analysis, risk reduction experiments and prototyping, integration and test of command and control C2, resiliency measures and mission partner interfaces, space test/combat range events, and office support etc. Rapidly respond and implement system resiliency and situational awareness necessary to operate in the contested space domain.			
FY 2024 Plans:			

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2024 Air Force		Date: March 2023
Appropriation/Budget Activity 3620F / 5	R-1 Program Element (Number/Name) PE 1206421SF / <i>Counterspace Systems</i>	Project (Number/Name) 65A001 / <i>Counter Satellite Communications System</i>

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2022	FY 2023	FY 2024
<p>Complete P3I testing and system delivery of the Block 10 P3I Meadowlands program. Integrate CCS Block 10.3 Meadowlands into architecture, including forward garrison systems, mission specific emulators, training environment and multi-range integration. Funding will allow the program to rapidly respond and implement system resiliency and situational awareness necessary to operate in the contested space domain. RDT&E funding is required to support this transformation and enable Space Superiority end-to-end integration activities such as, but not limited to, program office support, studies, technical analysis, experimentation, prototyping, architectural development, systems engineering demonstrations, testing, command and control integration andmission partner integration.</p> <p>FY 2023 to FY 2024 Increase/Decrease Statement: FY 2024 decreased compared to FY 2023 due to the completion of the Block 10 P3I Meadowlands program.</p>			
<p>Title: Counter Communications System CCS Emerging Threat Integration Program (CETIP)</p> <p>Description: Define, test and integrate new software capabilities and minor hardware solutions to ensure the Counter Communications System is able to maintain effectiveness against emerging threats and adversary capabilities. This major thrust was broken out from Counter Communications System CCS Pre-planned Product Improvement P3I Program Major Thrust for transparency.</p> <p>FY 2023 Plans: N/A</p> <p>FY 2024 Plans: Award contract for agile development of new CETIP software applications and algorithms and integrate software-based techniques into the CCS program of record to meet emergent threats. Begin concentrated stand-alone testing of CCS capabilities to refine space warfighting techniques and prepare for integration into counter-Electronic Warfare EW architecture.</p> <p>FY 2023 to FY 2024 Increase/Decrease Statement: FY2024 increased due to the break out of CETIP mission technique activities.</p>	-	0.000	30.382
Accomplishments/Planned Programs Subtotals	29.991	19.527	34.382

C. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u> <u>Base</u>	<u>FY 2024</u> <u>OCO</u>	<u>FY 2024</u> <u>Total</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• SPAF 01 CTRSPC: <i>Counterspace Systems</i>	58.130	54.954	50.565	-	50.565	4.241	2.040	2.090	2.132	0.000	174.152
Remarks											

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2024 Air Force		Date: March 2023
Appropriation/Budget Activity 3620F / 5	R-1 Program Element (Number/Name) PE 1206421SF / <i>Counterspace Systems</i>	Project (Number/Name) 65A001 / <i>Counter Satellite Communications System</i>

D. Acquisition Strategy

All contracts in this program element will be awarded using competitive procedures to the maximum extent possible, to upgrade existing capabilities as well as to acquire next generation capabilities through incremental acquisitions.

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Air Force **Date:** March 2023

Appropriation/Budget Activity 3620F / 5	R-1 Program Element (Number/Name) PE 1206421SF / <i>Counterspace Systems</i>	Project (Number/Name) 65A001 / <i>Counter Satellite Communications System</i>
---	--	---

Product Development (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Block 10 P3I Development	Various	Various : El Segundo, CA	-	20.219	Feb 2022	12.140	Feb 2023	4.000	Feb 2024	-		4.000	Continuing	Continuing	-
CETIP Development	C/CPIF	TBD : TBD	-	-		-		18.775	Feb 2024	-		18.775	Continuing	Continuing	-
Technical Mission Analysis	RO	Aerospace Corp : El Segundo, CA	-	1.186	Oct 2021	0.300	Oct 2022	0.750	Oct 2023	-		0.750	Continuing	Continuing	-
Enterprise Systems Engineering and Integration	C/FFP	Various : Various, CA	-	1.072	May 2022	0.394	May 2023	0.400	May 2024	-		0.400	Continuing	Continuing	-
Counterspace Architecture Development	C/CPFF	NGMS : Redondo Beach, CA	-	0.908	Jan 2022	0.927	Jan 2023	0.937	Jan 2024	-		0.937	Continuing	Continuing	-
SBIR/STTR	Allot	Not specified. : TBD	-	-		-		1.198	Oct 2023	-		1.198	Continuing	Continuing	-
Subtotal			-	23.385		13.761		26.060		-		26.060	Continuing	Continuing	N/A

Support (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Security	C/CPAF	Mantech : El Segundo, CA	-	2.304	Nov 2021	2.307	Nov 2022	2.349	Nov 2023	-		2.349	Continuing	Continuing	-
Subtotal			-	2.304		2.307		2.349		-		2.349	Continuing	Continuing	N/A

Management Services (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
FFRDC	RO	Aerospace Corp : El Segundo, CA	-	1.163	Oct 2021	0.268	Oct 2022	0.950	Oct 2023	-		0.950	Continuing	Continuing	-
A&AS	Various	Various : El Segundo, CA	-	3.056	May 2022	3.094	May 2023	4.922	May 2024	-		4.922	Continuing	Continuing	-
Other Support	Various	Various : El Segundo, CA	-	0.083	Oct 2021	0.097	Oct 2022	0.101	Oct 2023	-		0.101	Continuing	Continuing	-

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2024 Air Force		Date: March 2023
Appropriation/Budget Activity 3620F / 5	R-1 Program Element (Number/Name) PE 1206421SF / <i>Counterspace Systems</i>	Project (Number/Name) 65A001 / <i>Counter Satellite Communications System</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
CCS B10.3				
10.3 Development	1	2022	2	2023
Technique development (2x per year)	3	2022	4	2023
10.3 Development Test/Operational Test	3	2023	4	2023
10.3 System Deliveries #1-4	4	2023	1	2024
CETIP				
CETIP Development	2	2024	4	2028
Contract Award	2	2024	2	2024

UNCLASSIFIED

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

Appropriation/Budget Activity 3620F / 5	R-1 Program Element (Number/Name) PE 1206421SF / Counterspace Systems	Project (Number/Name) 65A005 / Offensive Counterspace (OCS) 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
65A005: <i>Offensive Counterspace (OCS) C2</i>	-	2.464	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.464
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This effort supports the evolution of command and control (C2) and mission planning capabilities in support of the fielding and employment of Counterspace Systems. It provides for the integration and upgrade of collaborative tools to link deployable counterspace systems with Joint Warfighting C2 systems and to enable integrated planning and execution of the counterspace mission. Upgraded capabilities will be integrated into current and future command and control systems. This program will leverage the Joint Execution and Tasking System for Space (JETSS) effort in C2 for future space control and counterspace mission capabilities. Requirements for this program are derived from Space Force Headquarters prioritized requirements, in accordance with AFSPC 63-104.

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

	FY 2022	FY 2023	FY 2024
Title: Joint Execution and Tasking System for Space (JETSS)	2.464	0.000	0.000
Description: Evolve with upgrades the counterspace mission planning and C2 capability to support counterspace systems space control warfighter activities.			
FY 2023 Plans: N/A			
FY 2024 Plans: N/A			
FY 2023 to FY 2024 Increase/Decrease Statement: N/A			
Accomplishments/Planned Programs Subtotals	2.464	0.000	0.000

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

N/A

Remarks

D. Acquisition Strategy

All contracts will be awarded using competitive procedures to the maximum extent possible to acquire next generation capabilities through incremental acquisitions. The Offensive Counterspace (OCS) C2 project will complete by end of FY 2022, and any future efforts will be considered for inclusion as an incremental delivery of the Space C2 program.

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2024 Air Force			Date: March 2023
Appropriation/Budget Activity 3620F / 5	R-1 Program Element (Number/Name) PE 1206421SF / <i>Counterspace Systems</i>	Project (Number/Name) 65A005 / <i>Offensive Counterspace (OCS) C2</i>	

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

JETSS	
C2 Product Line Development	

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2024 Air Force		Date: March 2023
Appropriation/Budget Activity 3620F / 5	R-1 Program Element (Number/Name) PE 1206421SF / <i>Counterspace Systems</i>	Project (Number/Name) 65A005 / <i>Offensive Counterspace (OCS) C2</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
JETSS				
C2 Product Line Development	1	2022	4	2022

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2024 Air Force										Date: March 2023		
Appropriation/Budget Activity 3620F / 5					R-1 Program Element (Number/Name) PE 1206421SF / <i>Counterspace Systems</i>				Project (Number/Name) 65A013 / <i>BOUNTY HUNTER</i>			
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
65A013: <i>BOUNTY HUNTER</i>	-	14.417	12.017	2.155	0.000	2.155	2.198	2.250	2.296	2.379	0.000	37.712
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Bounty Hunter (BH) is a ground-based, deployable, tactical space Electronic Warfare Support system (ES) that provides SATCOM geolocation and interference detection capabilities that support the Defensive Space Control of US systems in a specific AOR. BH provides the capability to monitor, detect, characterize and geolocate friendly and unfriendly electro-magnetic interference (EMI) across multiple radio frequency bands in support of Command, Control, Communications, Computers, and Intelligence (C4I) systems by US Joint forces. Continuing annual agile development is needed to meet new user needs in an ever changing threat environment.

This program element may include necessary emergent or unanticipated civilian pay expenses required to manage, execute, and deliver Bounty Hunter for emergent or unanticipated weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F. In PY 2022 \$0.152M was expended for civilian pay expenses in this program element, and in CY 2023 \$0.144M was expended for civilian pay expenses in this program element.

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

	FY 2022	FY 2023	FY 2024
Title: Bounty Hunter	14.417	12.017	2.155
Description: Develop new capabilities for the Bounty Hunter program to meet and maintain pace with the operational threat environment. Specific accomplishments are classified.			
FY 2023 Plans: Continue to resolve any new technical obsolescence HW and SW challenges with new system developmental research to facilitate component purchases for new system delivery as directed by the U.S. Space Force. Finalize execution of the program RDT&E plan for system upgrade to BH 3.0 and beyond to allow for system component consolidation and completion of remote operations in specific Combatant Command (CCMD) Areas of Responsibility (AOR's). Reach and maintain pace with the threat environment and implement system resiliency and situational awareness necessary to operate in the contested space domain. Activities may include, but are not limited to program office support, studies, technical analysis, experimentation, prototyping, etc. Further, FY 2023 development will focus on automation of BH capabilities in an effort to reduce the operational manning of the deployed systems.			
FY 2024 Plans: Finalize execution of the program RDT&E plan for system upgrade to BH 3.x and beyond to allow for system component consolidation and focus on completion of remote operations across all BH systems within the fleet. Development activities/efforts may include, but are not limited to program office support, studies, technical analysis, experimentation, prototyping, etc. Further,			

UNCLASSIFIED

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

Appropriation/Budget Activity 3620F / 5	R-1 Program Element (Number/Name) PE 1206421SF / <i>Counterspace Systems</i>	Project (Number/Name) 65A013 / <i>BOUNTY HUNTER</i>
---	--	---

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2022	FY 2023	FY 2024
FY 2024 development will focus on further automation of BH capabilities in an effort to reduce the operational manning of the deployed systems, as well as, allow for a hub and spoke operational concept to expand over the horizon capacities; within each AOR that a BH system has been operationally employed. <i>FY 2023 to FY 2024 Increase/Decrease Statement:</i> RDT&E decreased from FY2023 to FY2024 because of FY2023 \$10M Congressional Add for Machine Learning efforts and an additional \$2.411M for the UON. FY2024 returns to baseline RDT&E to finalize execution plan for system upgrade to BH 3.x and beyond.			
Accomplishments/Planned Programs Subtotals	14.417	12.017	2.155

C. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u> <u>Base</u>	<u>FY 2024</u> <u>OCO</u>	<u>FY 2024</u> <u>Total</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• SPAF 01 CTRSPC: <i>Counterspace Systems</i>	5.011	5.287	2.100	-	2.100	-	-	-	-	0.000	12.398

Remarks
 BH was established in FY16 as a JCTD project in response to a JUON in 2010. BH was established as a Program of Record (PoR) in March 2019.

D. Acquisition Strategy
 Contracts funded for development efforts supporting the BH PMO shall be awarded to the COLSA Corporation.

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Air Force **Date:** March 2023

Appropriation/Budget Activity 3620F / 5	R-1 Program Element (Number/Name) PE 1206421SF / <i>Counterspace Systems</i>	Project (Number/Name) 65A013 / <i>BOUNTY HUNTER</i>
---	--	---

Product Development (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Bounty Hunter Equipment	MIPR	Navy Research Laboratory : TBD	-	-		0.924	Nov 2022	-		-		-	Continuing	Continuing	-
Bounty Hunter Developmental Test Support	PO	AFLCMC/HNCP : TBD	-	0.162		0.298		0.416		-		0.416	Continuing	Continuing	-
Bounty Hunter Agile Development	SS/CPAF	MITRE : Colorado Springs, CO	-	0.263	Oct 2021	-		-		-		-	0.000	0.263	-
Bounty Hunter Development	SS/CPFF	COLSA : Huntsville, AL	-	1.429	Mar 2022	0.651	Mar 2023	1.590	Mar 2024	-		1.590	Continuing	Continuing	-
Bounty Hunter UON	C/CPFF	COLSA : Huntsville, AL	-	12.411	May 2022	10.000	Jun 2023	-		-		-	Continuing	Continuing	-
Subtotal			-	14.265		11.873		2.006		-		2.006	Continuing	Continuing	N/A

Support (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Bounty Hunter Civilian Pay DCA	TBD	USAF : Hanscom AFB, MA	-	0.152	Oct 2021	0.144	Oct 2022	0.149	Oct 2023	-		0.149	Continuing	Continuing	-
Subtotal			-	0.152		0.144		0.149		-		0.149	Continuing	Continuing	N/A

			Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			-	14.417	12.017	2.155	-	2.155	Continuing	Continuing	N/A

Remarks

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2024 Air Force **Date:** March 2023

Appropriation/Budget Activity 3620F / 5	R-1 Program Element (Number/Name) PE 1206421SF / <i>Counterspace Systems</i>	Project (Number/Name) 65A013 / <i>BOUNTY HUNTER</i>
---	--	---

	FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028							
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
Bounty Hunter																																
Bounty Hunter Incremental Development																																
Bounty Hunter Ops System #1 Operations																																
Bounty Hunter Ops System #2 Operations																																
Bounty Hunter Ops System #3 Operations																																
Bounty Hunter Ops System #4 Production																																
Bounty Hunter Ops System #4 Operations																																
Bounty Hunter Ops System #5 Production																																
Bounty Hunter Ops System #5 Operations																																
Bounty Hunter Trainer #1 Operations																																
Bounty Hunter Trainer #2 Operations																																
Bounty Hunter Trainer #3 Production																																
Bounty Hunter Trainer #3 Operations																																

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2024 Air Force **Date:** March 2023

Appropriation/Budget Activity 3620F / 5	R-1 Program Element (Number/Name) PE 1206421SF / <i>Counterspace Systems</i>	Project (Number/Name) 65A013 / <i>BOUNTY HUNTER</i>
---	--	---

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Bounty Hunter</i>				
Bounty Hunter Incremental Development	1	2022	4	2028
Bounty Hunter Ops System #1 Operations	1	2022	4	2028
Bounty Hunter Ops System #2 Operations	1	2022	4	2028
Bounty Hunter Ops System #3 Operations	4	2022	4	2028
Bounty Hunter Ops System #4 Production	1	2022	3	2022
Bounty Hunter Ops System #4 Operations	4	2022	4	2028
Bounty Hunter Ops System #5 Production	1	2022	3	2023
Bounty Hunter Ops System #5 Operations	4	2023	4	2028
Bounty Hunter Trainer #1 Operations	1	2022	4	2028
Bounty Hunter Trainer #2 Operations	1	2022	4	2028
Bounty Hunter Trainer #3 Production	1	2023	3	2024
Bounty Hunter Trainer #3 Operations	4	2024	4	2028