Exhibit R-2, RDT&E Budget Item Justification: PB 2019 Air Force											Date: February 2018	

Appropriation/Budget Activity
3600: *Research, Development, Test & Evaluation, Air Force I* BA 7: *Operational Systems Development*

R-1 Program Element (Number/Name)
PE 0305015F *I C2 Air Operations Suite - C2 Info Services*

COST ($ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
Total Program Element	-	0.000	0.000	8.608	0.000	8.608	7.813	13.188	13.497	13.743	Continuing	Continuing
675218: *Applications Development*	-	0.000	0.000	7.596	0.000	7.596	6.780	7.873	8.036	8.182	Continuing	Continuing
675220: *Unit Level*	-	0.000	0.000	1.012	0.000	1.012	1.033	5.315	5.461	5.561	Continuing	Continuing

Note

In FY 2019, 0207410F, Air & Space Operations Center (AOC), Project Number 675218, Applications Development and Project Number 675220, Unit Level, were transferred to PE 0305015F, C2 Air Operations Suite - C2 Information Services (C2AOS-C2IS), Project Number 675218, Applications Development and Project Number 675220, Unit Level, in order to improve transparency of development programs.

A. Mission Description and Budget Item Justification

C2AOS-C2IS funds operational development necessary to acquire and modify segments of Air Force's (AF) C2 capabilities and services. Applications Development provides worldwide operational capabilities for AF C2 in support of DoD, Coalition Partners, and other government agencies. These efforts focus on support of the Joint Forces Air Component Commander (JFACC) that provides air, space and cyber support as presented to the AOC and to other AF and Joint Services C2 systems. Applications Development efforts deliver capabilities identified in the Joint Command and Control (JC2) Capability Development Document (CDD) (2013). These activities include C2AOS-C2IS needs identified in the Capability Definition Package (CDP) (2012).

Applications Development: Command and Control (C2) Air Operations Suite - C2 Information Services (C2AOS-C2IS)creates web-enabled information services to expose air operations data using standardized schemas, such as those developed by the Air Operations Community of Interest. C2AOS-C2IS also develops and matures modular net-centric C2 applications for air battle planning, execution, and management functions. These applications include Network Enabled Weapons (NEW); the remainder of the CDP and Theater Battle Management Core Systems - Force Level (TBMCS FL) functionality; services to support air mission and Friendly Order of Battle execution, Alerting, Publish and Subscribe, Content Management and Reporting; and integration with a JC2 Reference Architecture (RA) host infrastructure environment.

Unit Level: Unit Command and Control (UC2) funds are used to develop and integrate UC2 as an evolving sequence of increasing software capabilities that support the execution of the air battle plan and the air tasking order message received from the AOC. UC2 operations software systems meet needs identified in the TBMCS Operational Requirements Document (ORD) (2001), the UC2 Baseline System Requirements Document (SRD) by providing both the scheduling and mission preparation activities at the wing, group and squadron level, and the capabilities to report and track the success of each mission and influence decisions on future air battle planning. UC2 is fielded to the Wing Operations Center (WOC), the Maintenance Operations Center (MOC), the Emergency Operations Center (EOC), Crisis Action Team (CAT), and many other work-centers.

Exhibit R-2, **RDT&E Budget Item Justification:** PB 2019 Air Force		**Date:** February 2018
Appropriation/Budget Activity 3600: *Research, Development, Test & Evaluation, Air Force I* BA 7: *Operational Systems Development*	**R-1 Program Element (Number/Name)** PE 0305015F *I C2 Air Operations Suite - C2 Info Services*	

This program element may include necessary civilian pay expenses required to manage, execute, and deliver Applications Development and Unit Level capabilities. The use of such program funds would be in addition to the civilian pay expenses budgeted in program elements 0605826F, 0605827F, 0605828F, 0605829F, 0605830F, 0605831F, 0605832F, and 0605898F.

BA7 - This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

B. Program Change Summary ($ in Millions)	**FY 2017**	**FY 2018**	**FY 2019 Base**	**FY 2019 OCO**	**FY 2019 Total**
Previous President's Budget	0.000	0.000	0.000	0.000	0.000
Current President's Budget	0.000	0.000	8.608	0.000	8.608
Total Adjustments	0.000	0.000	8.608	0.000	8.608
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	0.000	8.608	0.000	8.608

Change Summary Explanation

In FY 2019, 0207410F, Air & Space Operations Center (AOC), Project Number 675218, Applications Development and Project Number 675220, Unit Level, were transferred to PE 0305015F, C2 Air Operations Suite - C2 Information Services (C2AOS-C2IS), Project Number 675218, Applications Development and Project Number 675220, Unit Level, in order to improve transparency of development programs.

Exhibit R-2A, RDT&E Project Justification: PB 2019 Air Force										Date: February 2018	

Appropriation/Budget Activity 3600 I 7				R-1 Program Element (Number/Name) PE 0305015F I C2 Air Operations Suite - C2 Info Services					Project (Number/Name) 675218 I Applications Development		

COST ($ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
675218: Applications Development	-	0.000	0.000	7.596	0.000	7.596	6.780	7.873	8.036	8.182	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

In FY 2019, 0207410F, Air & Space Operations Center (AOC), Project Number 675218, Applications Development, was transferred to PE 0305015F, C2 Air Operations Suite - C2 Information Services (C2AOS-C2IS), Project Number 675218, Applications Development, in order to improve transparency of development program.

A. Mission Description and Budget Item Justification

This project funds operational development necessary to acquire and modify segments of Air Force's (AF) Command and Control (C2) capabilities and services. Applications Development provides worldwide operational capabilities for AF C2 in support of DoD, Coalition Partners, and other government agencies. These efforts focus on support of the Joint Forces Air Component Commander (JFACC) that provides air, space and cyber support as presented to the AOC and to other AF and Joint Services C2 systems. Application Development efforts deliver capabilities identified in the Joint Command and Control (JC2) Capability Development Document (CDD) (2013). These activities include C2 Air Operations Suite - C2 Information Services (C2AOS-C2IS) needs identified in the Capability Definition Package (CDP) (2012). C2AOS-C2IS creates web-enabled information services to expose air operations data using standardized schemas, such as those developed by the Air Operations Community of Interest. C2AOS-C2IS also develops, matures, fields, and maintains modular net-centric C2 applications for air battle planning, execution, and management functions. These applications include Network Enabled Weapons (NEW); the remainder of the CDP and Theater Battle Management Core Systems - Force Level (TBMCS FL) functionality; services to support air mission and Friendly Order of Battle execution, Alerting, Publish and Subscribe, Content Management and Reporting; and integration with a JC2 Reference Architecture (RA) host infrastructure environment.

Activities also include studies and analysis to support both current and future program planning and execution.

In FY 2019, Applications Development (C2AOS-C2IS) core development activities will be complete and focus will be on testing, addressing discrepancies discovered during testing, cyber security, and the start of modernization planning for 5th/4th generation fighter platforms.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver Applications Development capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program elements 0605826F, 0605827F, 0605828F, 0605829F, 0605830F, 0605831F, 0605832F, and 0605898F.

BA7 - 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.

Exhibit R-2A, RDT&E Project Justification: PB 2019 Air Force		Date: February 2018
Appropriation/Budget Activity 3600 / 7	**R-1 Program Element (Number/Name)** PE 0305015F / *C2 Air Operations Suite - C2 Info Services*	**Project (Number/Name)** 675218 / *Applications Development*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Title: C2AOS-C2IS Development	0.000	0.000	6.317	0.000	6.317
Description: C2AOS-C2IS Development effort develops modular net-centric C2 applications for air battle planning, execution and management functions and creates web-enabled information services to expose air operations data in Theater Battle Management Core System (TBMCS) applications and systems using standardized schemas including Capablility Packages (CP) 1, 2, & 3 - CP 1: Air Tasking Order Management System (ATOMS), Request Information Services for Command and Control (RISC2) and Network Enabled Weapons (NEW) - CP 2: C2 of Integrated Air Missile Defense (IAMD) Planner and Airspace Management Application - Airspace Information Service (ASMA-ASIS) - CP 3: Air Execution Information System (AXIS) ***FY 2018 Plans:*** See PE 0207410F, Air & Space Operations Center (AOC), Project Number 675218, Applications Development. ***FY 2019 Base Plans:*** - Conduct combined C2AOS-C2IS and AOC Developmental Test (DT) - Continue integration activities, bug fixes, Baseline Change Requests (BCR), and maintain cyber security posture - Start C2AOS-C2IS and AOC combined Operational Test (OT) ***FY 2019 OCO Plans:*** N/A ***FY 2018 to FY 2019 Increase/Decrease Statement:*** Funding increased due to transfer from PE 0207410F, Air & Space Operations Center (AOC), Project Number 675218, Applications Development.					
Title: C2AOS-C2IS Modificatons	0.000	0.000	0.600	0.000	0.600
Description: The C2AOS-C2IS Modifications effort updates the fielded C2AOS-C2IS baseline to remain interoperable, certified, supportable, and compliant through the development, integration, testing, fielding, of new capabilities and upgrades. C2AOS-C2IS Modifications fine tunes capabilities for C2 of 5th and 4th Generation Fighter Platforms, maintains cyber security posture via cyber updates, and updates user interfaces as needed. ***FY 2018 Plans:***					

Exhibit R-2A, RDT&E Project Justification: PB 2019 Air Force		Date: February 2018
Appropriation/Budget Activity 3600 / 7	**R-1 Program Element (Number/Name)** PE 0305015F / C2 Air Operations Suite - C2 Info Services	**Project (Number/Name)** 675218 / Applications Development

B. Accomplishments/Planned Programs ($ in Millions)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
See PE 0207410F, Air & Space Operations Center (AOC), Project Number 675218, Applications Development. **FY 2019 Base Plans:** - Release Request for Proposal (RFP) for C2AOS-C2IS Modification contract - Review received proposals **FY 2019 OCO Plans:** N/A **FY 2018 to FY 2019 Increase/Decrease Statement:** Funding increased due to transfer from PE 0207410F, Air & Space Operations Center (AOC), Project Number 675218, Applications Development.					
Title: Test and Evaluation **Description:** Test and Evaluation **FY 2018 Plans:** See PE 0207410F, Air & Space Operations Center (AOC), Project Number 675218, Applications Development. **FY 2019 Base Plans:** - Conduct C2AOS-C2IS and AOC combined DT - Conduct C2AOS-C2IS and AOC combined OT **FY 2019 OCO Plans:** N/A **FY 2018 to FY 2019 Increase/Decrease Statement:** Funding increased due to transfer from PE 0207410F, Air & Space Operations Center (AOC), Project Number 675218, Applications Development.	0.000	0.000	0.679	0.000	0.679
Accomplishments/Planned Programs Subtotals	0.000	0.000	7.596	0.000	7.596

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

Exhibit R-2A, **RDT&E Project Justification:** PB 2019 Air Force		**Date:** February 2018
Appropriation/Budget Activity 3600 *I* 7	**R-1 Program Element (Number/Name)** PE 0305015F *I C2 Air Operations Suite - C2 Info Services*	**Project (Number/Name)** 675218 *I Applications Development*

D. Acquisition Strategy

Projects will be awarded following full and open competition and will use an evolutionary acquisition strategy based on incremental development leveraging the C2 Applications and Information Services Development Indefinite Delivery/Indefinite Quantity contract. The Air Force Life Cycle Management Center, Operations C2 Division manages the integration of C2AOS-C2IS efforts into the AOC WS.

E. Performance Metrics

Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Air Force			**Date:** February 2018

Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305015F / C2 Air Operations Suite - C2 Info Services	Project (Number/Name) 675218 / Applications Development

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
C2AOS-C2IS Test and Integration 1	C/T&M	Leidos, Inc. : Reston, VA	-	-		-		1.473	Jan 2019	-		1.473	Continuing	Continuing	-
C2AOS-C2IS Test and Integration 2	C/T&M	Lockheed Martin : Colorado Springs, CO	-	-		-		2.717	Dec 2018	-		2.717	Continuing	Continuing	-
Subtotal			-	-		-		4.190		-		4.190	Continuing	Continuing	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Test Support (Joint)	MIPR	JITC : Fort Huachucha, AZ	-	-		-		0.035	Oct 2018	-		0.035	Continuing	Continuing	-
Lead Development Test and Evaluation Organization	PO	96th Test Wing : Eglin AFB, FL	-	-		-		0.644	Jan 2019	-		0.644	Continuing	Continuing	-
Subtotal			-	-		-		0.679		-		0.679	Continuing	Continuing	N/A

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Systems Engineering	SS/Various	MITRE : Bedford, MA	-	-		-		1.620	Oct 2018	-		1.620	Continuing	Continuing	-
Program Management Administration	C/Various	Various : Hanscom AFB, MA	-	-		-		0.235	Oct 2018	-		0.235	Continuing	Continuing	-
Program Management Administration Modification	C/Various	Various : Hanscom AFB, MA	-	-		-		0.600	Jan 2019	-		0.600	Continuing	Continuing	-
Cyber Support	MIPR	Various : Hanscom AFB, MA	-	-		-		0.272	Jan 2019	-		0.272	Continuing	Continuing	-
Subtotal			-	-		-		2.727		-		2.727	Continuing	Continuing	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Air Force							Date: February 2018		
Appropriation/Budget Activity 3600 *I* 7			**R-1 Program Element (Number/Name)** PE 0305015F *I C2 Air Operations Suite - C2 Info Services*				**Project (Number/Name)** 675218 *I Applications Development*		
	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	-	0.000	7.596	-	7.596	Continuing	Continuing	N/A

Remarks

Exhibit R-4, **RDT&E Schedule Profile:** PB 2019 Air Force		**Date:** February 2018
Appropriation/Budget Activity 3600 *I* 7	**R-1 Program Element (Number/Name)** PE 0305015F *I C2 Air Operations Suite - C2 Info Services*	**Project (Number/Name)** 675218 *I Applications Development*

	FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				FY 2022				FY 2023			
	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
Applications Development																												
C2AOS-C2IS Test and Integration 1 (TI1) - Leidos									▆▆▆▆▆▆▆▆▆▆																			
C2AOS-C2IS Test and Integration 2 (TI2) - Lockheed Martin									▆▆▆▆▆▆▆▆▆▆																			
C2AOS-C2IS Modifications								▆▆																			

Exhibit R-4A, **RDT&E Schedule Details:** PB 2019 Air Force		**Date:** February 2018
Appropriation/Budget Activity 3600 *I* 7	**R-1 Program Element (Number/Name)** PE 0305015F *I* C2 Air Operations Suite - C2 Info Services	**Project (Number/Name)** 675218 *I* Applications Development

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Applications Development				
C2AOS-C2IS Test and Integration 1 (TI1) - Leidos	1	2019	2	2020
C2AOS-C2IS Test and Integration 2 (TI2) - Lockheed Martin	1	2019	2	2020
C2AOS-C2IS Modifications	1	2019	4	2023

Exhibit R-2A, **RDT&E Project Justification:** PB 2019 Air Force										**Date:** February 2018	
Appropriation/Budget Activity 3600 *I* 7				**R-1 Program Element (Number/Name)** PE 0305015F *I C2 Air Operations Suite - C2 Info Services*						**Project (Number/Name)** 675220 *I Unit Level*	

COST ($ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
675220: *Unit Level*	-	0.000	0.000	1.012	0.000	1.012	1.033	5.315	5.461	5.561	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

In FY 2019, 0207410F, Air & Space Operations Center (AOC), Project Number 675220, Unit Level, was transferred to PE 0305015F, C2 Air Operations Suite - C2 Information Services (C2AOS-C2IS), Project Number 675220, Unit Level, in order to improve transparency of development programs.

A. Mission Description and Budget Item Justification

Project funds are used to develop and integrate Unit Command and Control (UC2) as an evolving sequence of increasing software capabilities that support the execution of the air battle plan and the air tasking order message received from the AOC. UC2 operations software systems meet needs identified in the TBMCS Operational Requirements Document (ORD) (2001), the UC2 Baseline System Requirements Document (SRD) by providing both the scheduling and mission preparation activities at the wing, group and squadron level, and the capabilities to report and track the success of each mission and influence decisions on future air battle planning. UC2 is fielded to the Wing Operations Center (WOC), the Maintenance Operations Center (MOC), the Emergency Operations Center (EOC), Crisis Action Team (CAT), and many other work-centers.

Activities also include studies and analysis to support both current and future program planning and execution.

In FY 2019, Unit Level core development activities will be to add functions that improve user experience. Additional FY 2019 activities will include resolving deficiencies discovered during developmental tests (DT), maintaining information assurance (IA) posture, and ensuring integration and testing of UC2 interfaces with other applications.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver Unit Level capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program elements 0605826F, 0605827F, 0605828F, 0605829F, 0605830F, 0605831F, 0605832F, and 0605898F.

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. Accomplishments/Planned Programs ($ in Millions)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Title: Software Development ***Description:*** UC2 capabilities development/integration.	0.000	0.000	0.912	0.000	0.912

Exhibit R-2A, RDT&E Project Justification: PB 2019 Air Force		Date: February 2018
Appropriation/Budget Activity 3600 / 7	**R-1 Program Element (Number/Name)** PE 0305015F / *C2 Air Operations Suite - C2 Info Services*	**Project (Number/Name)** 675220 / *Unit Level*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
FY 2018 Plans: See PE 0207410F, Air & Space Operations Center (AOC), Project Number 675220, Unit Level. *FY 2019 Base Plans:* - Field 1.3 - Develop 1.3.1 - Make improvements to user interface *FY 2019 OCO Plans:* N/A *FY 2018 to FY 2019 Increase/Decrease Statement:* Funding increased due to transfer from PE 0207410F, Air & Space Operations Center (AOC), Project Number 675220, Unit Level.					
Title: Testing and Test Support *Description:* UC2 testing and test support activities. *FY 2018 Plans:* See PE 0207410F, Air & Space Operations Center (AOC), Project Number 675220, Unit Level. *FY 2019 Base Plans:* - Test 1.3.1 - Support virtual warfighter assessment *FY 2019 OCO Plans:* N/A *FY 2018 to FY 2019 Increase/Decrease Statement:* Funding increased due to transfer from PE 0207410F, Air & Space Operations Center (AOC), Project Number 675220, Unit Level.	0.000	0.000	0.100	0.000	0.100
Accomplishments/Planned Programs Subtotals	0.000	0.000	1.012	0.000	1.012

Exhibit R-2A, **RDT&E Project Justification:** PB 2019 Air Force		**Date:** February 2018
Appropriation/Budget Activity 3600 *I* 7	**R-1 Program Element (Number/Name)** PE 0305015F *I C2 Air Operations Suite - C2 Info Services*	**Project (Number/Name)** 675220 *I Unit Level*

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
• OPAF 03 834520: *Theater Battle Mgt C2 System*	3.293	3.384	3.420	-	3.420	3.481	3.544	3.608	3.671	Continuing	Continuing

Remarks

D. Acquisition Strategy

Projects will be awarded following full and open competition and will use an evolutionary acquisition strategy based on incremental development while incorporating agile development and testing principals. The contracting strategy is Cost Plus Fixed Fee. The acquisition and contracting strategies were approved by Program Executive Officer, Battle Management, on 20 March, 2014.

E. Performance Metrics

Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.

Exhibit R-3, **RDT&E Project Cost Analysis:** PB 2019 Air Force													**Date:** February 2018		
Appropriation/Budget Activity 3600 / 7						**R-1 Program Element (Number/Name)** PE 0305015F / C2 Air Operations Suite - C2 Info Services							**Project (Number/Name)** 675220 / Unit Level		

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Unit Command & Control (UC2)	C/CPFF	Leidos Inc. : Reston, VA	-	-		-		0.592	Jan 2019	-		0.592	Continuing	Continuing	-
Subtotal			-	-		-		0.592		-		0.592	Continuing	Continuing	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Test Support	PO	46TS : Eglin, FL	-	-		-		0.100	Dec 2018	-		0.100	Continuing	Continuing	-
Subtotal			-	-		-		0.100		-		0.100	Continuing	Continuing	N/A

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Systems Engineering	C/CPAF	MITRE : Bedford, MA	-	-		-		0.200	Dec 2018	-		0.200	Continuing	Continuing	-
Program Management Administration	C/Various	Various : Hanscom AFB, MA	-	-		-		0.100	Dec 2018	-		0.100	Continuing	Continuing	-
Cyber Support	MIPR	Various : Hanscom AFB, MA	-	-		-		0.020	Dec 2018	-		0.020	Continuing	Continuing	-
Subtotal			-	-		-		0.320		-		0.320	Continuing	Continuing	N/A

	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	-	0.000	1.012	-	1.012	Continuing	Continuing	N/A

Remarks

Exhibit R-4, **RDT&E Schedule Profile:** PB 2019 Air Force		**Date:** February 2018
Appropriation/Budget Activity 3600 / 7	**R-1 Program Element (Number/Name)** PE 0305015F / C2 Air Operations Suite - C2 Info Services	**Project (Number/Name)** 675220 / Unit Level

	FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				FY 2022				FY 2023			
	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
Unit Command and Control (UC2)																												
UC2 Rel 1.3 Fielding																												
UC2 Rel 1.3.1 Development & Testing																												
UC2 Rel 1.3.1 Fielding																												
UC2 Rel 2.0 Development & Testing																												
UC2 Rel 2.0 Fielding																												
UC2 Rel 2.1 Development & Testing																												
UC2 Rel 2.1 Fielding																												
UC2 Rel 2.2 Development & Testing																												

Exhibit R-4A, **RDT&E Schedule Details:** PB 2019 Air Force		**Date:** February 2018
Appropriation/Budget Activity 3600 *I* 7	**R-1 Program Element (Number/Name)** PE 0305015F *I C2 Air Operations Suite - C2 Info Services*	**Project (Number/Name)** 675220 *I Unit Level*

Schedule Details

Events by Sub Project	Start		End	
	Quarter	**Year**	**Quarter**	**Year**
Unit Command and Control (UC2)				
UC2 Rel 1.3 Fielding	1	2019	4	2020
UC2 Rel 1.3.1 Development & Testing	1	2019	1	2021
UC2 Rel 1.3.1 Fielding	1	2021	4	2021
UC2 Rel 2.0 Development & Testing	1	2021	4	2021
UC2 Rel 2.0 Fielding	4	2021	2	2022
UC2 Rel 2.1 Development & Testing	1	2022	4	2022
UC2 Rel 2.1 Fielding	4	2022	3	2023
UC2 Rel 2.2 Development & Testing	3	2022	4	2023