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Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Air Force **Date:** May 2021

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0901554F / <i>Defense Enterprise Acntng and Mgt Sys (DEAMS)</i>
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COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
Total Program Element	-	40.239	40.564	0.000	0.000	0.000	-	-	-	-	-	-
675178: <i>DEAMS Continuous Capability Development</i>	-	13.895	40.564	0.000	0.000	0.000	-	-	-	-	-	-
675179: <i>Defense Enterprise Accounting Management System Increment 1 (DEAMS Inc 1)</i>	-	26.344	0.000	0.000	0.000	0.000	-	-	-	-	-	-

Note

In FY22, DEAMS Continuous Capability Development (CCD) budget controls have been realigned from Research, Development, Test & Evaluation (RDT&E) Program Element (PE) 0901554F Project 675178, Operations & Maintenance (O&M) AG/SAG 042A, and Other Procurement Line Item 834470 and consolidated into Budget Activity 8 in PE 0608920F in order to participate in the DoD's Software & Digital Technology Pilot Program.

In FY20, PE 0901554F, DEAMS, changed from PE 0901538F, Financial Management Information Systems Development.

In FY20, Project 675178, DEAMS Continuous Capability Development, changed from Defense Enterprise Accounting Management System Increment 2 (DEAMS Inc. 2).

A. Mission Description and Budget Item Justification

FY22 funding for this PE has been transferred to PE 0608920F, Defense Accounting and Management System (DEAMS), Project Number 685178, DEAMS Continuous Capability Development. The FY 2018 NDAA Sections 873/874 directed OSD to streamline software development. The Defense Enterprise Accounting and Management System (DEAMS) has been included in an OSD pilot initiative in which all lifecycle funding will be tracked under BA08, Software and Digital Technology Pilot Programs. Pilot programs will test the ability to execute modern software development practices encompassing development, procurement, modification and maintenance activities. The DEAMS pilot program in PE 0608920F, RDT&E, Air Force, BA08 includes Air Force RDT&E, Other Procurement, and Operations & Maintenance funds transferred from PE 0901554F.

This program element develops upgrades to existing financial management systems. These upgrades are required to comply with auditability and transparency requirements as well as efficiencies in processing financial transactions. This program element also supports studies and analysis to improve future program planning and execution.

There are two projects within this program element: Defense Enterprise Accounting and Management System (DEAMS) Increment 1 (Inc 1), and DEAMS Continuous Capability Development (CCD), formerly known as DEAMS Increment 2. Project 675178: DEAMS CCD started in FY2019 under PE 0901538F. Project 675179: DEAMS Increment 1 was under PE 0901538F through FY2019.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Air Force		Date: May 2021
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0901554F / <i>Defense Enterprise Acntng and Mgt Sys (DEAMS)</i>	
<p>DEAMS is a commercial-off-the-shelf (COTS), Oracle-based software implementation which provides an auditable, modern accounting and finance management capability. It is the Department of the Air Force's (DAF) core accounting and financial management solution and is a key component of the DAF's long-term business process improvements needed to sustain auditability and correct financial system weaknesses. DEAMS supports 17,000 users at 170 installations world-wide supporting all Air Force Major Commands, the U.S. Space Force, and Unified Commands where the DAF is the executive agent.</p> <p>DEAMS is a joint DAF and United States Transportation Command (USTRANSCOM) Enterprise Resource Planning (ERP) Program that replaces numerous inefficient and/or obsolete legacy accounting and finance systems and provides core funds execution management functions consistent with financial management laws, regulations and policy, general ledger, funds management, payments, receivables, cost and revenues, and fiduciary reporting.</p> <p>The DAF has transitioned DEAMS to the Capability Support Phase, in which enhancements are managed through the Agile software development backlog by the Program Management Office (PMO) and Function Management Office (FMO). Enhancement activities will be implemented via a process of development cycles, in which usable capability is produced after every iteration. The PMO construct, along with the application of Agile principles allows the program to properly plan system requirements, deliver early capability to the end users, achieve early return on investment of taxpayer dollars, mitigate risk, reduce waste, effectively respond to change, and continuously improve processes.</p> <p>The DAF is planning to increase DEAMS usage within the acquisition community to include acquisition program executive offices, laboratories, test centers, and air logistics complexes. These deployments will add an additional 4,500 users for a total of 21,500 users.</p> <p>DEAMS is compliant with the Clinger-Cohen Act and the DoD's Business Enterprise Architecture (BEA). DEAMS is key to DAF compliance with the Financial Improvement and Audit Readiness (FIAR) requirement. This requirement supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.</p> <p>This program element may include necessary emergent or unanticipated civilian pay expenses required to manage, execute, and deliver DEAMS 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 0605831F. In FY20 \$0.000M was expended for civilian pay expenses in this program element, and in FY21 \$0.000M is forecasted for civilian pay expenses in this program element.</p> <p>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.</p>		

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Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Air Force	Date: May 2021
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Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0901554F / <i>Defense Enterprise Acntng and Mgt Sys (DEAMS)</i>
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B. Program Change Summary (\$ in Millions)	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Previous President's Budget	46.789	45.638	55.067	0.000	55.067
Current President's Budget	40.239	40.564	0.000	0.000	0.000
Total Adjustments	-6.550	-5.074	-55.067	0.000	-55.067
• Congressional General Reductions	-4.000	-0.074			
• Congressional Directed Reductions	0.000	-5.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	-1.000	0.000			
• SBIR/STTR Transfer	-1.550	0.000			
• Transfer to PE 0608920F	0.000	0.000	-55.067	0.000	-55.067

Change Summary Explanation

FY20, PE 0901554F, BPAC 675178, Decreased to accommodate other AF requirements (\$1.0M)
 FY20, PE 0901554F, BPAC 675178, SBIR Assessment (\$1.55M)
 FY20, PE 0901554F, BPAC 675179, Congressional Mark (\$4.0M)
 FY21, PE 0901554F, BPAC 675178, Congressional Mark (\$5.0M)
 FY21, PE 0901554F, BPAC 675178, Congressional Mark (\$0.074M)
 FY22, PE 0901554F, BPAC 675178, Transfer to PE 0608920F, Defense Accounting and Management System (DEAMS), Project Number 685178, DEAMS Continuous Capability Development, to participate in the DoD's Software & Digital Technology Pilot Program

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Air Force										Date: May 2021		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0901554F / <i>Defense Enterprise Acntng and Mgt Sys (DEAMS)</i>				Project (Number/Name) 675178 / <i>DEAMS Continuous Capability Development</i>			
COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
675178: <i>DEAMS Continuous Capability Development</i>	-	13.895	40.564	0.000	0.000	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

In FY2020, PE 0901554F, DEAMS, changed from PE 0901538F, Financial Management Information Systems Development.
 In FY2020, Project 675178, DEAMS Continuous Capability Development, changed from Defense Enterprise Accounting Management System Increment 2 (DEAMS Inc. 2).

A. Mission Description and Budget Item Justification

FY22 funding for this PE has been transferred to PE 0608920F, Defense Accounting and Management System (DEAMS), Project Number 685178, DEAMS Continuous Capability Development. The FY 2018 NDAA Sections 873/874 directed OSD to streamline software development. The Defense Enterprise Accounting and Management System (DEAMS) has been included in an OSD pilot initiative in which all lifecycle funding will be tracked under BA08, Software and Digital Technology Pilot Programs. Pilot programs will test the ability to execute modern software development practices encompassing development, procurement, modification and maintenance activities. The DEAMS pilot program in PE 0608920F, RDT&E, Air Force, BA08 includes Air Force RDT&E, Other Procurement, and Operations & Maintenance funds transferred from PE 0901554F.

DEAMS is a commercial-off-the-shelf (COTS), Oracle-based software implementation which provides an auditable, modern accounting and finance management capability. It is the Department of the Air Force's (DAF) core accounting and financial management solution and is a key component of the DAF's long-term business process improvements needed to sustain auditability and correct financial system weaknesses. DEAMS supports 17,000 users at 170 installations world-wide supporting all Air Force Major Commands, the U.S. Space Force, and Unified Commands where the DAF is the executive agent.

DEAMS is a joint DAF and United States Transportation Command (USTRANSCOM) Enterprise Resource Planning (ERP) Program that replaces numerous inefficient and/or obsolete legacy accounting and finance systems and provides core funds execution management functions consistent with financial management laws, regulations and policy, general ledger, funds management, payments, receivables, cost and revenues, and fiduciary reporting.

The DAF has transitioned DEAMS to the Capability Support Phase, in which enhancements are managed through the Agile software development backlog by the Program Management Office (PMO) and Function Management Office (FMO). Enhancement activities will be implemented via a process of development cycles, in which usable capability is produced after every iteration. The PMO construct, along with the application of Agile principles allows the program to properly plan system requirements, deliver early capability to the end users, achieve early return on investment of taxpayer dollars, mitigate risk, reduce waste, effectively respond to change, and continuously improve processes.

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Air Force	Date: May 2021
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Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901554F / <i>Defense Enterprise Acntng and Mgt Sys (DEAMS)</i>	Project (Number/Name) 675178 / <i>DEAMS Continuous Capability Development</i>
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The DAF is planning to increase DEAMS usage within the acquisition community to include acquisition program executive offices, laboratories, test centers, and air logistics complexes. These deployments will add an additional 4,500 users for a total of 21,500 users.

DEAMS is compliant with the Clinger-Cohen Act and the DoD's Business Enterprise Architecture (BEA). DEAMS is key to DAF compliance with the Financial Improvement and Audit Readiness (FIAR) requirement. This requirement supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

This program element may include necessary emergent or unanticipated civilian pay expenses required to manage, execute, and deliver DEAMS 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 0605831F. In FY20 \$0.000M was expended for civilian pay expenses in this program element, and in FY21 \$0.000M is forecasted for civilian pay expenses in this program element.

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

	FY 2020	FY 2021	FY 2022
<p>Title: DEAMS Continuous Capability Development (CCD) Product Development</p> <p>Description: DEAMS CCD system capabilities will be developed and enhanced through completion of iterative development cycles in accordance with an Agile software development strategy. The DAF is implementing a steady-state incremental development tempo that is more complimentary to the Agile software development process. Development activities include requirements analysis, design, build, test, data conversion, migration from legacy system as required, implementation into the DEAMS baseline, and the resolution of deficiency reports and defects. Activities also include various Advisory and Assistance Services (A&AS) and Program Management Administration (PMA) activities to support the aforementioned development efforts.</p> <p>FY 2021 Plans:</p> <ul style="list-style-type: none"> - Continue actions to ensure timely System Integrator (SI) contract award and seamlessly transition from previous SI - Continue incremental planning and support initiatives to organize Continuous Capability Development (CCD) backlog requirements into capability-delivering epics. Planned capabilities include, but are not limited to: <ul style="list-style-type: none"> - Ad Hoc Cost Analysis Reporting - Additional Business Intelligence (BI) functionality - Base Supply Expenditures General Funds only - Accounting for base supply purchases - Treasury Direct Phase 2 & 3 - Treasury Direct collections - Civilian Pay Cost Accounting - Record Civilian Pay detail for accruals and expenditure accounting - Contract Data Standards - Acquisition data standards for contract writing systems 	13.895	39.698	0.000

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Air Force		Date: May 2021		
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901554F / <i>Defense Enterprise Acntng and Mgt Sys (DEAMS)</i>	Project (Number/Name) 675178 / <i>DEAMS Continuous Capability Development</i>		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2020	FY 2021	FY 2022
<ul style="list-style-type: none"> - Major Acquisition/Reimbursable Program Systems - Interfaces/Capabilities necessary for major acquisition programs reporting and Complex contract obligation and pre-validation - Job Order Cost Accounting - Interface enhancement of Job Order Cost Accounting System (JOCAS) II with Standard Financial Information Structure (SFIS) upgrade <p>FY 2022 Plans: See PE 0608920F, Defense Accounting and Management System (DEAMS), Project Number 675178, DEAMS Continuous Capability Development.</p> <p>FY 2021 to FY 2022 Increase/Decrease Statement: N/A</p>				
<p>Title: Test and Evaluation</p> <p>Description: The T&E process will be a complete system operational test to determine DEAMS effectiveness, suitability and mission capability. The T&E efforts conducted are in developer sites, Air Force test sites, DISA production sites and user locations.</p> <p>The T&E effort will include the implementation of the AGILE principles which includes Sprint Testing where functionality developed code in the sprint is tested for conformance to functional and non-functional requirements. Sprint Testing shall address unit and integrated testing. Additionally, there will continue to be regression testing to validate that the work within the sprint has not introduced new defects into areas of the product no directly impacted by the work of the sprint and has not introduced defects into the cross-product dependencies such as interfaces.</p> <p>FY 2021 Plans:</p> <ul style="list-style-type: none"> - Continue Follow-on Operational Test and Evaluation as required - Continue to validate planned software releases and coordinate testing - Continue to validate user deployments and coordinate testing <p>FY 2022 Plans: See PE 0608920F, Defense Accounting and Management System (DEAMS), Project Number 685178, DEAMS Continuous Capability Development.</p> <p>FY 2021 to FY 2022 Increase/Decrease Statement: N/A</p>		0.000	0.866	0.000
Accomplishments/Planned Programs Subtotals		13.895	40.564	0.000

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Air Force		Date: May 2021
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901554F / <i>Defense Enterprise Acntng and Mgt Sys (DEAMS)</i>	Project (Number/Name) 675178 / <i>DEAMS Continuous Capability Development</i>

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

<u>Line Item</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u> <u>Base</u>	<u>FY 2022</u> <u>OCO</u>	<u>FY 2022</u> <u>Total</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• OPAF 03 834470: <i>Defense Enterprise Accounting & Mgt Sys</i>	2.285	0.899	-	-	-	-	-	-	-	-	-

Remarks

FY22 funding transferred to PE 0608920F, Defense Accounting and Management System (DEAMS), Project Number 685178, DEAMS Continuous Capability Development.

D. Acquisition Strategy

The DAF concluded Increment I deployment and has transitioned DEAMS to the Business Capability Acquisition Cycle's (BCAC) Capability Support Phase. Implementation is accomplished via the Continuous Capability Development program in which requirements are prioritized by the associated Program and Functional Management Offices and organized in the requirements backlog. DEAMS capabilities are developed and sustained in accordance with the selected Agile software implementation strategy. Development activities include requirements analysis, design, build, test, data conversion, migration from legacy system as required, implementation into the DEAMS baseline, and the resolution of deficiency reports and defects. Sustainment activities include day-to-day operations and support, production environment management, and numerous system performance improvement initiatives. This strategy has been refined to enable continual enhancements and process improvements for the life of the system.

The DEAMS program will develop functionality on cadence and release on demand. User experience and mission impact will be considered when determining release dates during the execution cycle.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2022 Air Force **Date: May 2021**

Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901554F / Defense Enterprise Acntng and Mgt Sys (DEAMS)	Project (Number/Name) 675178 / DEAMS Continuous Capability Development
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Product Development (\$ in Millions)				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 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			
DEAMS Continuous Capability Development (CCD) Product Development	C/Variou	Various : Various	-	13.895	May 2020	-		-		-		-	-	-	-
DEAMS: Rapid Acquisition	C/Variou	TBD : TBD	-	-		13.639	Jun 2021	-		-		-	-	-	-
DEAMS: SME Support, General Ledger Reports and Analysis, Business Process Analysis, Master Data Conversion and Training Development	C/T&M	Kearney & Company : Various	-	-		12.998	Feb 2021	-		-		-	-	-	-
DEAMS: ERP Solution Architecture services	C/FP	Lintech Global Inc. : Farmington Hills, MI	-	-		2.588	Feb 2021	-		-		-	-	-	-
DEAMS: Oracle Software Solutions	Variou	Various : Various	-	-		2.260	May 2021	-		-		-	-	-	-
DEAMS: Direct mission Support (Development, Integration Environments)	Variou	Various : Various	-	-		1.394	Jan 2021	-		-		-	-	-	-
DEAMS: ERP DBA Development and Support Services	C/FFP	DDC IT Services, LLC : Albuquerque, NM	-	-		1.147	Jun 2021	-		-		-	-	-	-
Subtotal			-	13.895		34.026		-		-		-	-	-	N/A

Test and Evaluation (\$ in Millions)				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 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			
DEAMS: Test Services from AFOTEC, JITC, LDTO and other miscellaneous Test services	C/CPAF	Various : Various	-	-		0.866	May 2021	-		-		-	-	-	-
Subtotal			-	-		0.866		-		-		-	-	-	N/A

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Exhibit R-4, RDT&E Schedule Profile: PB 2022 Air Force		Date: May 2021
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901554F / <i>Defense Enterprise Acntng and Mgt Sys (DEAMS)</i>	Project (Number/Name) 675178 / <i>DEAMS Continuous Capability Development</i>

FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026			
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

DEAMS	
Acquisition Planning	[REDACTED]
Agile Software Development Contract Award	[REDACTED]

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Exhibit R-4A, RDT&E Schedule Details: PB 2022 Air Force		Date: May 2021
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901554F / <i>Defense Enterprise Acntng and Mgt Sys (DEAMS)</i>	Project (Number/Name) 675178 / <i>DEAMS Continuous Capability Development</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
DEAMS				
Acquisition Planning	1	2020	3	2021
Agile Software Development Contract Award	4	2021	4	2021

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Air Force										Date: May 2021		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0901554F / <i>Defense Enterprise Acntng and Mgt Sys (DEAMS)</i>				Project (Number/Name) 675179 / <i>Defense Enterprise Accounting Management System Increment 1 (DEAMS Inc 1)</i>			
COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
675179: <i>Defense Enterprise Accounting Management System Increment 1 (DEAMS Inc 1)</i>	-	26.344	0.000	0.000	0.000	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

In FY2020, PE 0901554F, DEAMS, changed from PE 0901538F, Financial Management Information Systems Development. In FY2021 PE 0901554F, DEAMS BPAC 675179 usage ends.

A. Mission Description and Budget Item Justification

DEAMS is a commercial-off-the-shelf (COTS), Oracle-based software implementation which provides an auditable, modern accounting and finance management capability. It is the Department of the Air Force's (DAF) core accounting and financial management solution and is a key component of the DAF's long-term business process improvements needed to sustain auditability and correct financial system weaknesses. DEAMS supports 17,000 users at 170 installations world-wide supporting all Air Force Major Commands, the U.S. Space Force, and Unified Commands where the DAF is the executive agent.

Increment 1 deployments are complete. The DAF has transitioned DEAMS to the Capability Support Phase, in which enhancements are managed through the Agile software development backlog by the Program Management Office (PMO) and Function Management Office (FMO). Enhancement activities will be implemented via a process of development cycles, in which usable capability is produced after every iteration. The PMO construct, along with the application of Agile principles allows the program to properly plan system requirements, deliver early capability to the end users, achieve early return on investment of taxpayer dollars, mitigate risk, reduce waste, effectively respond to change, and continuously improve processes.

This program element may include necessary emergent or unanticipated civilian pay expenses required to manage, execute, and deliver DEAMS 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 0605831F. In FY20 \$0.000M was expended for civilian pay expenses in this program element, and in FY21 \$0.000M is forecasted for civilian pay expenses in this program element.

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

	FY 2020	FY 2021	FY 2022
Title: Product Development	25.853	0.000	0.000
Description: Description: DEAMS capability development activities support multiple software releases and user deployments as described in the mission description. Development activities include design, build, test, data conversion, reporting, cutover from legacy systems, and the resolution of deficiency reports and defects.			

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Air Force		Date: May 2021
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901554F / <i>Defense Enterprise Acntng and Mgt Sys (DEAMS)</i>	Project (Number/Name) 675179 / <i>Defense Enterprise Accounting Management System Increment 1 (DEAMS Inc 1)</i>

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

	FY 2020	FY 2021	FY 2022
<p>Activities also include hardware support (system administration and database security) and storage service by Defense Information Systems Agency (DISA); continued development of interface to Global Combat Support System - Air Force (GCSS-AF); Enterprise Resource Planning (ERP) Common Computing Environment (CCE); Independent Verification and Validation (IV&V); Developmental Release Field Support (DRFS) to include process execution and data scripts; help desk support; Engineering Integration Services (EIS) for oversight of development tools and processes; deployment training and change management activities. Provides acquisition, contract, finance, and cost management planning and Program Management Administration (PMA) utilizing an agile approach for reporting, disbursing, and auditing initiatives.</p> <p>Develop, using an Agile software development approach, the Disbursing Initiative (includes modernizing disbursing and implementing daily reconciliation with the U.S. Treasury, which will manage the receipt and acceptance of agreements, orders, and invoices), the Reporting Initiative (establish a modernized Business Intelligence reporting solution), and the Segregation of Duties (SOD) Initiative (allow DEAMS to meet regulatory compliance requirements associated with Financial Information System Controls Audit Manual (FISCAM)).</p> <p>FY2020 ACCOMPLISHMENTS:</p> <ul style="list-style-type: none"> -Completed planned FY2020 deployment of DEAMS to all personnel with the exception of aprx 150 members due to COVID 19 travel restrictions, bringing total users to 16,800 to include Space Command - Added 7113 Business Event capability not functioning at R12 go-live with scheduled process for reporting - Enabled the OSD-mandated Contingency Reporting Capability ahead of need date - Implemented several critical services for DEAMS end users that GCSS-AF were ceasing, ensuring capability remains operational for FM community - Awarded additional contracts for development and pre-production environments with the DISA for improved Agile software development on DEAMS - Decreased Technical Debt by reducing RICE objects and improved Materialized Views increasing system performance - Stabilized the Oracle R12 upgrade by resolving over 350 defects with all Severity 1 defects being closed - Successful FY2020 end of year closeout <p>FY 2021 Plans: N/A</p> <p>FY 2022 Plans: N/A</p> <p>FY 2021 to FY 2022 Increase/Decrease Statement:</p>			

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Air Force		Date: May 2021
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901554F / Defense Enterprise Acntng and Mgt Sys (DEAMS)	Project (Number/Name) 675179 / Defense Enterprise Accounting Management System Increment 1 (DEAMS Inc 1)

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2020	FY 2021	FY 2022
Increment 1 complete			
Title: Test and Evaluation (T&E)	0.491	0.000	0.000
Description: The T&E process will be a complete system operational test to determine DEAMS effectiveness, suitability, and mission capability using the R12 Upgrade. It begins with validation of requirements and end to end functional capabilities including compliance mandates. The T&E effort are conducted in developer sites, Air Force test sites, DISA production sites, and user locations. The DEAMS Test and Evaluation Master Plan (TEMP), Lead Developmental Test Organization (LDTO) Integrated Test Plan (ITP), System Integrators (SIs) Software Test Plans (STPs), and Operational Test Agency (OTA) operational test plans covers the details of Increment 1 T&E. Database Administrator (DBA) Test Support required to service test instances. Capabilities Integration Environment (CIE) Integration/Development support for ancillary Test activities required. Hardware and software required for test activities. The T&E effort for the Agile Pilot Program includes Sprint Testing where functionality developed code in the sprint is tested for conformance to functional and non-functional requirements. Sprint Testing shall address unit and integrated testing. Additionally, there will be Regression Testing to validate that the work within the sprint has not introduced defects into areas of the product not directly impacted by the work of the sprint and has not introduced defects into cross-product dependencies such as interfaces.			
FY 2021 Plans: N/A			
FY 2022 Plans: N/A			
FY 2021 to FY 2022 Increase/Decrease Statement: Increment 1 complete			
Accomplishments/Planned Programs Subtotals	26.344	0.000	0.000

C. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u> <u>Base</u>	<u>FY 2022</u> <u>OCO</u>	<u>FY 2022</u> <u>Total</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• OPAF 03 834470: Defense Enterprise Accounting & Mgt Sys	2.285	0.899	-	-	-	-	-	-	-	-	-
Remarks											

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Air Force		Date: May 2021
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901554F / <i>Defense Enterprise Acntng and Mgt Sys (DEAMS)</i>	Project (Number/Name) 675179 / <i>Defense Enterprise Accounting Management System Increment 1 (DEAMS Inc 1)</i>

D. Acquisition Strategy

The DAF concluded Increment I deployment and has transitioned DEAMS to the Business Capability Acquisition Cycle's (BCAC) Capability Support Phase. Implementation is accomplished via the Continuous Capability Development program in which requirements are prioritized by the associated Program and Functional Management Offices and organized in the requirements backlog. DEAMS capabilities are developed and sustained in accordance with the selected Agile software implementation strategy. Development activities include requirements analysis, design, build, test, data conversion, migration from legacy system as required, implementation into the DEAMS baseline, and the resolution of deficiency reports and defects. Sustainment activities include day-to-day operations and support, production environment management, and numerous system performance improvement initiatives. This strategy has been refined to enable continual enhancements and process improvements for the life of the system.

The DEAMS program will develop functionality on cadence and release on demand. User experience and mission impact will be considered when determining release dates during the execution cycle.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2022 Air Force											Date: May 2021				
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0901554F / Defense Enterprise Acntng and Mgt Sys (DEAMS)				Project (Number/Name) 675179 / Defense Enterprise Accounting Management System Increment 1 (DEAMS Inc 1)							

Product Development (\$ in Millions)				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 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			
DEAMS: Rapid Acquisition	C/T&M	CACI-ISS, INC : Chantilly, VA	-	9.154	Apr 2020	-		-		-		-	-	-	-
DEAMS: SME Support, General Ledger Reports and Analysis, Business Process Analysis, Master Data Conversion and Training Development	C/T&M	Kearney and Company : Various	-	6.190	Feb 2020	-		-		-		-	-	-	-
DEAMS: ERP Solutions Architecture services	C/FP	Lintech Global, Inc. : Farmington Hills, MI	-	1.407	Feb 2020	-		-		-		-	-	-	-
DEAMS: Oracle Software Solutions	Various	Various : Various	-	1.743	May 2020	-		-		-		-	-	-	-
DEAMS: Direct mission Support (Development/ Integration Environments)	Various	Various : Various	-	1.527	Jan 2020	-		-		-		-	-	-	-
DEAMS: ERP DBA Development and Support Services	C/FFP	DDC IT Services, LLC : Albuquerque, NM	-	1.121	Jun 2020	-		-		-		-	-	-	-
Subtotal			-	21.142		-		-		-		-	-	-	N/A

Test and Evaluation (\$ in Millions)				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 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			
DEAMS: Test services from AFOTEC, JITC, LDTO and other miscellaneous test resources	Various	Various : Various	-	0.491	Jan 2020	-		-		-		-	-	-	-
Subtotal			-	0.491		-		-		-		-	-	-	N/A

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Exhibit R-4, RDT&E Schedule Profile: PB 2022 Air Force		Date: May 2021
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901554F / <i>Defense Enterprise Acntng and Mgt Sys (DEAMS)</i>	Project (Number/Name) 675179 / <i>Defense Enterprise Accounting Management System Increment 1 (DEAMS Inc 1)</i>

	FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026			
	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
DEAMS Inc 1, Agile Process																												
DEAMS Inc 1, R12 Software Baseline Development	■																											
DEAMS Inc 1, Reporting	■	■	■	■																								
DEAMS Inc 1, Disbursing	■	■	■	■																								
DEAMS Inc 1, Auditing	■	■	■	■																								
DEAMS Inc 1, Follow-on Operational Test and Evaluation (FOT&E)							■	■	■																			
DEAMS Inc 1, Capability Support Authority to Proceed (CS ATP)												■																

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Exhibit R-4A, RDT&E Schedule Details: PB 2022 Air Force		Date: May 2021
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901554F / <i>Defense Enterprise Acntng and Mgt Sys (DEAMS)</i>	Project (Number/Name) 675179 / <i>Defense Enterprise Accounting Management System Increment 1 (DEAMS Inc 1)</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
DEAMS Inc 1, Agile Process				
DEAMS Inc 1, R12 Software Baseline Development	1	2020	1	2020
DEAMS Inc 1, Reporting	1	2020	4	2020
DEAMS Inc 1, Disbursing	1	2020	4	2020
DEAMS Inc 1, Auditing	1	2020	3	2020
DEAMS Inc 1, Follow-on Operational Test and Evaluation (FOT&E)	2	2021	3	2021
DEAMS Inc 1, Capability Support Authority to Proceed (CS ATP)	4	2021	4	2021

Note

Remaining Inc 1 Requirements will move to CCD as of 1st Qtr FY21