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Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Air Force	Date: February 2015
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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 0901538F / <i>Financial Management Information Systems Development</i>
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COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
Total Program Element	296.221	105.420	102.215	101.840	-	101.840	10.123	7.042	7.019	7.028	Continuing	Continuing
672222: <i>Program Budget Enterprise Service (PBES)</i>	2.160	1.000	1.791	1.971	-	1.971	2.011	2.009	1.980	1.984	-	14.906
675177: <i>Cost Estimating Modeling (CEM)</i>	0.000	2.700	4.442	5.016	-	5.016	5.033	5.033	5.039	5.044	Continuing	Continuing
675179: <i>Defense Enterprise Accounting Management System Increment 1 (DEAMS Inc 1)</i>	294.061	101.720	95.982	94.853	-	94.853	3.079	-	-	-	-	589.695

Program MDAP/MAIS Code: N87

A. Mission Description and Budget Item Justification

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

There are three projects within this program element: the Program and Budget Enterprise System (PBES), the Cost Estimating Modeling (CEM), the Defense Enterprise Accounting and Management System (DEAMS) Increment 1 (Inc 1). A previous project, DEAMS Inc 2, was incorporated into DEAMS Inc 1 and requested FY 2015 funding was removed by Congressional action.

PBES is a software development effort to deliver enhanced and modernized budgeting and programming capability.

CEM is a knowledge-based study effort to provide and enhance Air Force-wide cost estimating capabilities by developing and modernizing current cost data and estimating models, methods, and tools.

DEAMS Inc 1 is a financial software modernization effort to provide the Air Force with a modern accounting and finance system. It will allow the Air Force to comply with and fulfill statutory requirements for auditability by 2017, as required in the FY2010 NDAA, and will be Standard Financial Information Structure (SFIS) and Generally Accepted Accounting Principles (GAAP) compliant. Activities also include studies and analysis to support both current program planning and execution and future program planning.

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.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Air Force				Date: February 2015	
Appropriation/Budget Activity		R-1 Program Element (Number/Name)			
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		PE 0901538F I Financial Management Information Systems Development			
B. Program Change Summary (\$ in Millions)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Previous President's Budget	108.161	107.314	61.180	-	61.180
Current President's Budget	105.420	102.215	101.840	-	101.840
Total Adjustments	-2.741	-5.099	40.660	-	40.660
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-4.629			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-2.741	-			
• Other Adjustments	-	-0.470	40.660	-	40.660
Change Summary Explanation					
FY 2015 reduction due to Congressional Directed Reduction of \$4.629M for "Defense Enterprise Accounting Management System Increment 2."					
FY 2015 reduction due of -\$0.470 due to higher DoD priorities.					
FY 2016 increase of \$40.660 due to DEAMS Inc 1 programmatic adjustments.					

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Air Force										Date: February 2015		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0901538F / Financial Management Information Systems Development				Project (Number/Name) 672222 / Program Budget Enterprise Service (PBES)			
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
672222: Program Budget Enterprise Service (PBES)	2.160	1.000	1.791	1.971	-	1.971	2.011	2.009	1.980	1.984	-	14.906
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Budget Item Justification												
The Program and Budget Enterprise Service (PBES) is a software development effort that will utilize a service oriented architecture (SOA) to deliver budgeting and programming capability for the United States Air Force (USAF). PBES will replace legacy systems such as as the Automated Budget Interactive Data Environment System (ABIDES) and the Resource Allocation Programming Information Decision System (RAPIDS) and will support the budget formulation and force programming process.												
Began Release 1 Proof of Concept effort with Department of the Treasury on 23 September 2013.												
Activities also include studies and analysis to support both current program planning and execution and future program planning.												
Air Force Corporate Structure will address funding for FY17 and beyond.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2014	FY 2015	FY 2016	
Title: PBES									1.000	1.791	1.971	
Description: Software development effort providing modern and enhanced budgeting and programming capabilities to the USAF. Funding supports engineering and technical development and implementation activities.												
FY 2014 Accomplishments: Completed Release 1 Proof of Concept and Risk Reduction activities associated with engineering, technical development, and implementation along with acquisition support efforts to include hosting environment recommendations. Continued development and requirements definition activities.												
Initiated Release 2/3 Requirements Definition activities using organic resources. Modifications to the Planning, Programming, Budgeting and Execution (PPBE) Process led to a determination that the capabilities being delivered across Releases 2 and 3 were no longer severable; thus they were combined into a single Release referred to as Release 2/3.												

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Air Force							Date: February 2015				
Appropriation/Budget Activity 3600 / 7			R-1 Program Element (Number/Name) PE 0901538F / <i>Financial Management Information Systems Development</i>			Project (Number/Name) 672222 / <i>Program Budget Enterprise Service (PBES)</i>					
B. Accomplishments/Planned Programs (\$ in Millions)							FY 2014	FY 2015	FY 2016		
Initiated Release 4 Requirements Definition activities for Air Force justification books capability using organic resources. Addressed risk management, configuration management, document management, and other activities. FY 2015 Plans: Continue Release 1 development and risk reduction activities. Approve hosting environment. Results to be used to guide future decisions leading to eventual fielding and deployment. Continue Release 2/3 requirements definition using organic resources. Results to be used to guide future decisions leading to fielding and deployment. Continue Release 4 requirements definition using organic resources. Results to be used to guide future decisions leading to fielding and deployment. FY 2016 Plans: Complete Release 1 development and risk reduction activities. Resolve Release 1 software deficiencies. Results to be used to guide future decisions leading to eventual fielding and deployment in FY17. Complete Release 2/3 requirements definition. Initiate testing to inform future decisions leading to fielding and deployment. Complete Release 4 requirements definition. Initiate testing to inform future decisions leading to fielding and deployment.											
Accomplishments/Planned Programs Subtotals							1.000	1.791	1.971		
C. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u> <u>Base</u>	<u>FY 2016</u> <u>OCO</u>	<u>FY 2016</u> <u>Total</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• Not Applicable: N/A	-	-	-	-	-	-	-	-	-	-	-
Remarks											
D. Acquisition Strategy											
PBES will be developed using an incremental approach following the Services Development and Delivery Process (SDDP). A competitive, best-value contracting strategy will be used. Re-use of existing government-off-the shelf (GOTS) products from Department of Treasury, Budget Formulation and Execution Manager (BFEM), may also be used to deliver Release 1-4 materiel solutions.											

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Air Force		Date: February 2015
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901538F / Financial Management Information Systems Development	Project (Number/Name) 672222 / Program Budget Enterprise Service (PBES)
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.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Air Force												Date: February 2015			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0901538F / Financial Management Information Systems Development				Project (Number/Name) 672222 / Program Budget Enterprise Service (PBES)					
Product Development (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
PBES R1 Development	PO	Dept of Treasury : Washington, DC	1.160	0.885	Nov 2014	0.850	Jan 2015	-		-		-	Continuing	Continuing	TBD
PBES R1 Proof of Concept	Various	AFLCMC/HIQD : WPAFB, OH	1.000	-		-		-		-		-	-	1.000	-
PBES R1 Requirements Definition	Various	Not specified. : ,	0.000	-		0.491	Jan 2015	-		-		-	-	0.491	-
Subtotal			2.160	0.885		1.341		-		-		-	-	-	-
Remarks FY2015 funding and contract with Department of the Treasury to re-use existing government-developed budget tools.															
Support (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
PBES R1 Environment Hosting	MIPR	DISA : Fort Meade, MD	0.000	-		0.450	Feb 2015	-		-		-	-	0.450	-
PBES R1 Information Assurance	MIPR	SAF/AFAFO : WPAFB, OH	0.000	0.115	Aug 2014	-		-		-		-	-	0.115	-
Subtotal			0.000	0.115		0.450		-		-		-	-	0.565	-
Test and Evaluation (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
PBES R2/3 Testing	Various	Not specified. : ,	0.000	-		-		0.986	Dec 2015	-		0.986	-	0.986	-
PBES R 4 Testing	Various	Not specified. : ,	0.000	-		-		0.985	Dec 2015	-		0.985	-	0.985	-
Subtotal			0.000	-		-		1.971		-		1.971	-	1.971	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Air Force												Date: February 2015		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0901538F / <i>Financial Management Information Systems Development</i>					Project (Number/Name) 672222 / <i>Program Budget Enterprise Service (PBES)</i>				

Management Services (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			-	-		-		-		-		-		-	-	-

		Prior Years	FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals		2.160	1.000		1.791		1.971		-		1.971	-	-	-

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2016 Air Force			Date: February 2015		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0901538F / <i>Financial Management Information Systems Development</i>		Project (Number/Name) 672222 / <i>Program Budget Enterprise Service (PBES)</i>	

	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
	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
R1 Risk Reduction Activities																												
R2/3 Requirements Definition																												
R4 Requirements Definition																												
R2/3 Testing																												
R4 Testing																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2016 Air Force			Date: February 2015
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901538F / <i>Financial Management Information Systems Development</i>	Project (Number/Name) 672222 / <i>Program Budget Enterprise Service (PBES)</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
R1 Risk Reduction Activities	1	2014	4	2016
R2/3 Requirements Definition	1	2014	4	2016
R4 Requirements Definition	1	2014	4	2016
R2/3 Testing	1	2016	4	2017
R4 Testing	1	2016	4	2017

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Air Force										Date: February 2015		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0901538F / Financial Management Information Systems Development				Project (Number/Name) 675177 / Cost Estimating Modeling (CEM)			
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
675177: Cost Estimating Modeling (CEM)	-	2.700	4.442	5.016	-	5.016	5.033	5.033	5.039	5.044	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Cost Estimating Modeling (CEM) provides and enhances Air Force-wide cost estimating capabilities by developing and modernizing current cost data and estimating methods and tools. In collaboration with the OSD Cost Assessment Data Enterprise (CADE) project, these products will improve the quality, timeliness, and effectiveness of the acquisition program cost estimates required by statute (e.g., 10 USC 2366, 2433, 2434) and regulation (e.g., DoDI 5000.02) in support of Air Force and Department of Defense acquisition decisions, programming and execution decisions, and Congressional mandates.

The Air Force has several requirements for research and development of new and modernized cost estimating capabilities for each weapon system type (aircraft; ballistic missiles; electronics and aircraft modifications; ground stations and automated information systems; cross cutting databases; satellites and launch vehicles; tactical missiles; and munitions). In addition, unanticipated requirements often emerge due to changing acquisition laws, regulations, initiatives; changing technologies; and evolving warfighter requirements which drive the need for cost tool updates or expanded capability. For example, current shortfalls in capability reflect efforts needed to fill gaps in response to the laws and regulations such as the FY06 NDAA report {PL 109-163--Provisions relating to Major Defense Acquisition Programs (MDAPs)}, Weapon System Acquisition Reform Act (WSARA) {provisions related to improving cost estimating quality, especially earlier in the program life-cycle and affordability analysis}, Secretary of the Air Force (SECAF) Acquisition Excellence Plan {priorities to improve cost estimating capability and affordability analysis and improved cost estimating support to requirements process}, and new Office of the Secretary of Defense (OSD) policy {better buying power initiatives on enhanced trade-off analysis, affordability analysis, and will versus should cost analysis}.

This project will perform knowledge-based studies (KBS) analyzing historical data to produce cost estimating relationships (CERs) or statistical data to develop cost estimating databases, methods and tools across hundreds of product work breakdown structure (WBS) elements and functional cost elements within each weapon system type. The different weapon system types are: Aircraft, Ballistic Missiles, Electronics and Aircraft Modifications, Ground Stations and Automated Information Systems (AIS), Cross-Cutting Studies, Satellites and Launch Vehicles (Space Systems), and Tactical Missiles and Munitions. Some areas of cost modeling efforts that are cross-cutting within all weapon system types are: cost risk metrics, methods development, statistical model enhancements; software cost database, metrics, statistical model development; contract or engineering change order analysis models; other government cost elements (e.g., depot standup and government test); nuclear hardening; and commodity area price escalation analysis and models.

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

	FY 2014	FY 2015	FY 2016
Title: CEM	2.700	4.442	5.016

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Air Force		Date: February 2015	
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901538F / <i>Financial Management Information Systems Development</i>	Project (Number/Name) 675177 / <i>Cost Estimating Modeling (CEM)</i>	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2014	FY 2015
Description: Perform knowledge-based studies (KBS); develop databases, methods and models, and gap improvements for the following efforts: Aircraft, Ballistic Missiles, Electronics and Aircraft Modifications, Ground Stations and Automated Information Systems (AIS), Cross-Cutting Databases, Satellite and Launch Vehicles (Space Systems), and Tactical Missiles and Munitions. FY 2014 Accomplishments: Initiated knowledge-based studies (KBS) to develop databases, methods and models, and gap improvements for the following efforts: Aircraft, Ballistic Missiles, Electronics and Aircraft Modifications, Ground Stations and Automated Information Systems (AIS), Cross-Cutting Databases, and Tactical Missiles and Munitions. Completed 80% of optimal data collection templates and started gap analysis. FY 2015 Plans: Continue knowledge-based studies (KBS) to develop databases, methods and models, and gap improvements for the following efforts: Aircraft, Ballistic Missiles, Electronics and Aircraft Modifications, Ground Stations and Automated Information Systems (AIS), Cross-Cutting Databases, and, Tactical Missiles and Munitions. Complete optimal data collection templates, continue gap analysis, populate data templates and initiate integration with CADE. Initiate Satellite, Launch Vehicle and Nuclear Hardening portions of the effort. FY 2016 Plans: Continue knowledge-based studies (KBS) to develop databases, methods and models, and gap improvements for the following efforts: Aircraft, Ballistic Missiles, Electronics and Aircraft Modifications, Ground Stations and Automated Information Systems (AIS), Cross-Cutting Databases, Tactical Missiles and Munitions, Satellites and Launch Vehicles (Space Systems). Specifically, on-going gap analysis, continue to populate data templates and complete integration with CADE.			
Accomplishments/Planned Programs Subtotals		2.700	4.442
C. Other Program Funding Summary (\$ in Millions)			
N/A			
Remarks			
N/A			
D. Acquisition Strategy			
Contracts are expected to be firm-fixed price and will be awarded through full and open competition and follow Federal Acquisition Regulations (FAR) guidelines.			

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Air Force		Date: February 2015
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901538F / <i>Financial Management Information Systems Development</i>	Project (Number/Name) 675177 / <i>Cost Estimating Modeling (CEM)</i>
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.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Air Force												Date: February 2015			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0901538F / Financial Management Information Systems Development				Project (Number/Name) 675177 / Cost Estimating Modeling (CEM)					
Product Development (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Aircraft	Various	Various : Various, XX	0.000	0.819	Feb 2014	1.065	Feb 2015	1.165	Feb 2016	-		1.165	Continuing	Continuing	TBD
Ballistic Missiles	C/FFP	Tecolote : Arlington, VA	0.000	0.210	Feb 2014	0.250	Feb 2015	0.350	Feb 2016	-		0.350	Continuing	Continuing	TBD
Electronics, Aircraft Modifications	C/FFP	Tecolote : Arlington, VA	0.000	0.275	Feb 2014	0.475	Feb 2015	0.575	Feb 2016	-		0.575	Continuing	Continuing	TBD
Ground Stations, Automated Information Systems	C/FFP	Tecolote : Arlington, VA	0.000	0.276	Feb 2014	0.525	Feb 2015	0.625	Feb 2016	-		0.625	Continuing	Continuing	TBD
Cross-Cutting Databases	Various	Various : Various, XX	0.000	0.910	Feb 2014	1.292	Feb 2015	1.395	Feb 2016	-		1.395	Continuing	Continuing	TBD
Satellite, Launch Vehicles	Various	Various : Various, XX	0.000	-		0.625	Jan 2015	0.696	Jan 2016	-		0.696	Continuing	Continuing	TBD
Tactical Missiles, Munitions	C/FFP	Various : Various, XX	0.000	0.210	Feb 2014	0.210	Feb 2015	0.210	Feb 2016	-		0.210	Continuing	Continuing	TBD
Subtotal			0.000	2.700		4.442		5.016		-		5.016	-	-	-
Support (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			-	-		-		-		-		-	-	-	-
Test and Evaluation (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			-	-		-		-		-		-	-	-	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Air Force												Date: February 2015		
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0901538F / <i>Financial Management Information Systems Development</i>				Project (Number/Name) 675177 / <i>Cost Estimating Modeling (CEM)</i>				

Management Services (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			-	-		-		-		-		-	-	-	-

	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.000	2.700	4.442	5.016	-	5.016	-	-	-

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2016 Air Force			Date: February 2015		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0901538F / <i>Financial Management Information Systems Development</i>			Project (Number/Name) 675177 / <i>Cost Estimating Modeling (CEM)</i>

	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
	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
Contract for initiation of Knowledge Based Studies (KBS)																												
Aircraft KBS																												
Ballistic Missiles KBS																												
Electronics, Aircraft Modifications KBS																												
Ground Stations, Automated Information Systems KBS																												
Tactical Missiles, Munitions KBS																												
Cross-Cutting Databases KBS																												
Satellites, Launch Vehicles KBS																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2016 Air Force			Date: February 2015
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901538F / <i>Financial Management Information Systems Development</i>	Project (Number/Name) 675177 / <i>Cost Estimating Modeling (CEM)</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Contract for initiation of Knowledge Based Studies (KBS)	2	2014	2	2014
Aircraft KBS	2	2014	4	2016
Ballistic Missiles KBS	2	2014	4	2016
Electronics, Aircraft Modifications KBS	2	2014	4	2016
Ground Stations, Automated Information Systems KBS	2	2014	4	2016
Tactical Missiles, Munitions KBS	2	2014	4	2016
Cross-Cutting Databases KBS	2	2014	4	2019
Satellites, Launch Vehicles KBS	2	2015	2	2017

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Air Force										Date: February 2015		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0901538F / Financial Management Information Systems Development				Project (Number/Name) 675179 / Defense Enterprise Accounting Management System Increment 1 (DEAMS Inc 1)			
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
675179: Defense Enterprise Accounting Management System Increment 1 (DEAMS Inc 1)	294.061	101.720	95.982	94.853	-	94.853	3.079	-	-	-	-	589.695
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

MDAP/MAIS Code: N87

Defense Enterprise Accounting and Management System (DEAMS) is a commercial-off-the-shelf (COTS), Oracle-based software implementation effort that will provide an auditable, modern accounting and finance system. DEAMS is a Joint United States Air Force (USAF) and United States Transportation Command (USTRANSCOM) Enterprise Resource Planning (ERP) Program that will replace many existing accounting and finance legacy systems and will provide 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. DEAMS is compliant with the Clinger-Cohen Act, Business Enterprise Architecture (BEA), and integrates into Global Combat Support System-Air Force (GCSS-AF). When fully deployed, DEAMS will bring the Air Force in compliance with the Financial Improvement and Audit Readiness (FIAR) requirement in the 2010 NDAA.

DEAMS Inc 1 is planned as an eight-release program:

Release 1 - Air Mobility Command (AMC) without Transportation Working Capital Funds (TWCF)

Release 2 - AMC with TWCF, Defense Finance and Accounting Service (DFAS) Rome

Release 3 - Air Combat Command (ACC), Air Force Global Strike Command (AFGSC), Air Education and Training Command (AETC), Air Force Reserve Command (AFRC), and Air National Guard (ANG) Geographically Separated Units (GSUs) to include DFAS Limestone

Release 4 - Capabilities and interfaces to support AF deployments

Release 5 - U. S. Air Forces in Europe (USAFE), Pacific Air Forces (PACAF), and DFAS Japan

Release 6 - Air Force District of Washington (AFDW), Air Force Special Operations Command (AFSOC), U.S. Air Force Academy (USafa), Air Force Space Command (AFSPC), Air Force Materiel Command (AFMC), and DFAS Columbus

Release 7 - Conversion programs (Legacy elimination)

Release 8 - Surface Deployment and Distribution Command (SDDC)

DEAMS Inc 1 capability will continue to be deployed in FY2016-2017 as approved by the Milestone Decision Authority.

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

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Air Force			Date: February 2015		
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901538F / Financial Management Information Systems Development	Project (Number/Name) 675179 / Defense Enterprise Accounting Management System Increment 1 (DEAMS Inc 1)			
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2014	FY 2015	FY 2016
Title: Product Development Description: DEAMS Inc 1 capability development activities support multiple releases as described in the mission description. Development activities include design, build, test, data conversion, cutover from legacy systems and the resolution of deficiency reports and defects. Activities also include hardware support (system admininstration and database security) and storage service by Defense Information Systems Agency (DISA); continued development of interface to Global Combat Support System (GCSS); Enterprise Resource Planning (ERP) support; Independent Verification and Validation (IV&V); Developmental Release Field Support (DRFS) to include process execution, data scripts, etcetera; help desk support; Engineering Integration Services (EIS) for oversight of development tools and processes; deployment training and change management activities, etc. Provides acquisition, contract, finance, and cost management planning and support activities. FY 2014 Accomplishments: Continued DEAMS Inc 1 capability development and test activities to allow for further deployments. Deployed DEAMS Inc 1 capability to Dover AFB, DE; Grand Forks AFB, ND; Little Rock AFB, AR; and Pope Field, NC; Fairchild AFB, WA; JB Lewis-McChord, WA; JB Charleston, SC; MacDill AFB, FL; McGuire AFB, NJ; Travis AFB, CA; DFAS-Rome. DEAMS Inc 2 activities were incorporated into DEAMS Inc 1. FY 2015 Plans: Continue DEAMS Inc 1 capability development and test activities to support multiple deployments. FY 2016 Plans: Continue DEAMS Inc 1 capability development and test activities to support multiple deployments.			93.895	91.279	89.375
Title: Test and Evaluation (T&E) Description: The T&E process will be a complete system test to validate system software requirements and to ensure compliance mandates are satisfied. The T&E efforts will be conducted at developer test site, Capabilities Integration Environment (CIE) and DISA production sites. The DEAMS Inc 1 Integrated Test Plan (ITP) and System Integrator (SI) Software Test Plan (STP) cover the details of DEAMS Inc 1 T&E. FY 2014 Accomplishments: Performed DEAMS Inc 1 T&E activities. Supported government testing for Release 2; T&E support for software problem reports and defect resolution during Developmental Test/Operational Test and Evaluation (DT/OT&E) and for post-fielding activities. FY 2015 Plans:			3.000	2.771	2.728

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Air Force							Date: February 2015			
Appropriation/Budget Activity 3600 / 7			R-1 Program Element (Number/Name) PE 0901538F / <i>Financial Management Information Systems Development</i>			Project (Number/Name) 675179 / <i>Defense Enterprise Accounting Management System Increment 1 (DEAMS Inc 1)</i>				

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2014	FY 2015	FY 2016
Continue DEAMS Inc 1 T&E activities. Support system development services testing & government testing; T&E support for software problem reports and defect resolution.			
FY 2016 Plans: Continue DEAMS Inc 1 T&E activities. Support system development services testing & government testing; T&E support for software problem reports and defect resolution.			
Title: Management Services Description: Program Management Administration Costs FY 2014 Accomplishments: Program Management Administration Costs FY 2015 Plans: Program Management Administration Costs FY 2016 Plans: Program Management Administration Costs	4.825	1.932	2.750
Accomplishments/Planned Programs Subtotals	101.720	95.982	94.853

C. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u> <u>Base</u>	<u>FY 2016</u> <u>OCO</u>	<u>FY 2016</u> <u>Total</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• OPAF: BA03: Line Item	5.941	-	-	-	-	-	-	-	-	-	13.334
# 834430: GCSS-AF FOS											
• OPAF: BA03: Line Item #834470: DEAMS	-	15.298	9.255	-	9.255	-	-	-	-	-	-
Remarks DEAMS Other Procurement Air Force (OPAF) funding moved from Weapon System Code (WSC) 834430, Global Combat Support System - Air Force Family of Systems (GCSS-AF Fos) to WSC 834470, DEAMS in FY15 to enhance transparency.											
D. Acquisition Strategy DEAMS Inc 1 will employ multiple contract actions as the various Releases are developed, tested, and deployed through FY2017.											

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Air Force		Date: February 2015
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901538F / <i>Financial Management Information Systems Development</i>	Project (Number/Name) 675179 / <i>Defense Enterprise Accounting Management System Increment 1 (DEAMS Inc 1)</i>

DEAMS Inc 2 activities were incorporated into DEAMS Inc 1 in FY 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.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Air Force												Date: February 2015			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0901538F / Financial Management Information Systems Development				Project (Number/Name) 675179 / Defense Enterprise Accounting Management System Increment 1 (DEAMS Inc 1)					
Product Development (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
DRFS (Post Production Support, Level 2/3 Help Desk Support), System Stabilization, Design, Blueprint, Code, Development tools/ processes, etc.	Various	Accenture Federal Services LLC : Various,	70.607	37.307	Dec 2013	43.626	Nov 2014	40.596	Nov 2015	-		40.596	3.079	195.215	TBD
DRFS (Level 1 Help Desk Support)	C/FFP	The Greentree Group : Dayton, OH	1.580	0.911	Mar 2014	-		-		-		-	-	2.491	TBD
ESB messaging, adapters, web services, security, digital signature service, etc.	MIPR	GCSS-AF : Gunter AFB, AL	4.828	1.598	Oct 2013	-		-		-		-	-	6.426	TBD
Computing and storage support, system administration, security, storage, etc.	MIPR	DISA : Various,	22.351	4.714	Oct 2013	1.757	Oct 2014	-		-		-	-	28.822	TBD
Direct Mission Support (Development/Integration Environments, and contract efforts less than \$1M in any displayed budget year	Various	Various : Various,	64.749	17.265	Oct 2013	15.764	Oct 2014	16.650	Oct 2015	-		16.650	-	114.428	TBD
SME Support, Deployment Support, Master Data Conversion and Training Development	C/T&M	Kearney and Company : Various,	54.786	21.118	Mar 2013	12.998	Mar 2014	16.296	Mar 2015	-		16.296	-	105.198	TBD
Change Management, Strategic Communications	C/FFP	SAIC : Dayton, OH	0.400	0.993	Dec 2013	1.547	Dec 2014	1.889	Dec 2015	-		1.889	-	4.829	TBD
Information Assurance (IA) / Risk Management Framework (RMF)	C/CPFF	Jacobs Technology : Dayton, OH	0.536	0.551	Nov 2013	0.567	Nov 2014	0.584	Nov 2015	-		0.584	-	2.238	TBD
ERP System Integration	C/FFP	Credence Management	7.254	3.263	Jun 2014	6.342	Jun 2015	5.321	Jun 2016	-		5.321	-	22.180	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Air Force											Date: February 2015				
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0901538F / <i>Financial Management Information Systems Development</i>					Project (Number/Name) 675179 / <i>Defense Enterprise Accounting Management System Increment 1 (DEAMS Inc 1)</i>				

Product Development (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
		Solutions LLC : Dayton, OH													
FFRDC ERP Engineering	C/Various	The MITRE Corporation : Various,	8.678	1.079	Oct 2013	1.408	Oct 2014	1.450	Oct 2015	-		1.450	-	12.615	-
Independent Verification and Validation (IV&V)	C/FFP	Ryan Consulting : Dayton, OH	5.444	1.097	Jan 2014	1.589	Jan 2015	1.518	Oct 2015	-		1.518	-	9.648	-
ETASS (Engineering)	C/CPFF	Jacobs Technology : Dayton, OH	23.467	3.999	Nov 2013	5.681	Nov 2014	5.071	Nov 2015	-		5.071	-	38.218	TBD
Subtotal			264.680	93.895		91.279		89.375		-		89.375	3.079	542.308	-

Remarks

DMS data are a consolidation of multiple less than \$1M contracts.

DRFS: Developmental Release Field Support

DISA: Defense Information Systems Agency

ERP: Enterprise Resource Planning

ESB: Enterprise Service Bus

FFRDC: Federally Funded Research and Development Center

GCSS-AF: Global Combat Support System - Air Force

SME: Subject Matter Expert

Support (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			-	-		-		-		-		-	-	-	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Air Force												Date: February 2015			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0901538F / Financial Management Information Systems Development				Project (Number/Name) 675179 / Defense Enterprise Accounting Management System Increment 1 (DEAMS Inc 1)					
Test and Evaluation (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Test services from AFOTEC, JITC, LDTO and other miscellaneous test resources	MIPR	Various : Various,	8.339	3.000	Oct 2013	2.771	Oct 2014	2.728	Oct 2015	-		2.728	-	16.838	TBD
Subtotal			8.339	3.000		2.771		2.728		-		2.728	-	16.838	-
Remarks AFOTEC: Air Force Operational Test and Evaluation Center JITC: Joint Interoperability Test Command LDTO: Lead Developmental Test Organization															
Management Services (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Administration costs: Cost Estimating Support, Travel, Supplies, Equipment, Program Office Network Support, Engineering Services, etc.	Various	AFLCMC : Wright- Patterson AFB, OH	8.370	0.913	Oct 2013	0.861	Oct 2014	0.894	Oct 2015	-		0.894	-	11.038	TBD
Economic Analysis Support	C/CPAF	Peerless Technologies : Dayton, OH	0.000	1.465	Jul 2014	-		-		-		-	-	1.465	-
Program Management Office Support	C/CPFF	Quantech Services : Lexington, MA	12.672	2.447	Apr 2014	1.071	Apr 2015	1.856	Oct 2015	-		1.856	-	18.046	TBD
Subtotal			21.042	4.825		1.932		2.750		-		2.750	-	30.549	-
Remarks A&AS: Advisory & Assistance Services															

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Air Force										Date: February 2015				
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0901538F / <i>Financial Management Information Systems Development</i>					Project (Number/Name) 675179 / <i>Defense Enterprise Accounting Management System Increment 1 (DEAMS Inc 1)</i>				
		Prior Years	FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals		294.061	101.720		95.982		94.853		-		94.853	3.079	589.695	-
Remarks														

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Exhibit R-4, RDT&E Schedule Profile: PB 2016 Air Force

Date: February 2015

Appropriation/Budget Activity

3600 / 7

R-1 Program Element (Number/Name)

PE 0901538F / Financial Management
Information Systems Development

Project (Number/Name)

675179 / Defense Enterprise Accounting
Management System Increment 1 (DEAMS
Inc 1)

	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
	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, Milestone C																												
DEAMS Inc 1, Full Deployment Decision (FDD)																												
DEAMS Inc 1, Full Deployment (FD)																												
DEAMS Inc 1 Initial Operational Test & Evaluation (IOT&E)																												
DEAMS Inc 1 Release 3 Development Activity																												
DEAMS Inc 1 Release 4 Development Activity																												
DEAMS Inc 1 Release 5 Development Activity																												
DEAMS Inc 1 Release 6 Development Activity																												
DEAMS Inc 1 Release 7 Development Activity																												
DEAMS Inc 1 Release 8 Development Activity																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2016 Air Force			Date: February 2015
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901538F / <i>Financial Management Information Systems Development</i>	Project (Number/Name) 675179 / <i>Defense Enterprise Accounting Management System Increment 1 (DEAMS Inc 1)</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
DEAMS Inc 1, Milestone C	1	2015	1	2015
DEAMS Inc 1, Full Deployment Decision (FDD)	3	2015	3	2015
DEAMS Inc 1, Full Deployment (FD)	4	2016	4	2016
DEAMS Inc 1 Initial Operational Test & Evaluation (IOT&E)	1	2015	3	2015
DEAMS Inc 1 Release 3 Development Activity	1	2014	4	2014
DEAMS Inc 1 Release 4 Development Activity	1	2015	3	2016
DEAMS Inc 1 Release 5 Development Activity	4	2015	2	2016
DEAMS Inc 1 Release 6 Development Activity	4	2015	3	2016
DEAMS Inc 1 Release 7 Development Activity	1	2016	4	2016
DEAMS Inc 1 Release 8 Development Activity	3	2017	4	2018