Exhibit R-2, RDT&E Budget Item Justification: PB 2012 Air Force

DATE: February 2011

APPROPRIATION/BUDGET ACTIVITY

**R-1 ITEM NOMENCLATURE** 

3600: Research, Development, Test & Evaluation, Air Force

PE 0901538F: Financial Management Information Systems (FMIS)

BA 7: Operational Systems Development

1											
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
Total Program Element	53.972	49.816	101.317	-	101.317	98.673	90.567	80.709	55.255	Continuing	Continuing
672222: Program Budget Enterprise Service	-	-	1.495	-	1.495	1.495	-	-	-	Continuing	Continuing
675036: Financial Information Resource System (FIRST)	13.337	4.727	-	-	-	-	-	-	-	Continuing	Continuing
675179: Defense Enterprise Accounting Management System - AF (DEAMS)	40.635	45.089	99.822	-	99.822	97.178	90.567	80.709	55.255	Continuing	Continuing

#### Note

The program funding includes reductions for overhead reduction efficiencies that are not intended to impact program content. The efficiencies reductions total \$.544M in FY12, \$1.884M in FY13, \$1.507M in FY14, \$1.386M in FY15 and \$1.347M in FY16.

## A. Mission Description and Budget Item Justification

The Financial Information Resource System (FIRST) is a software development effort originally intended to build a single Air Force system for programming and budget formulation. The current development activity will provide a modernized system for programming that will allow the sunset of the legacy Program Data System (PDS). FIRST supports processes for force programming, formulation of budget requirements, and deliberation of budget options. These activities encompasses the budget exercise process, which affects all organizational levels, and is based on core financial and selected program information used to build the Air Force budget. FIRST will comply with the Clinger-Cohen Act; the Business Enterprise Architecture (BEA); Chief Financial Officer (CFO) Act; DoD Information Technology Standards Registry (DISR) guidelines, and: Command, Control, Communications, Computer, Intelligence, Surveillance and Reconnaissance (C4ISR) guidelines.

Defense Enterprise Accounting and Management System (DEAMS) is a commercial-off-the-shelf (COTS) Oracle based software configuration effort that will provide an auditable modern accounting and finance system. DEAMS is a Joint AF and United States Transportation Command (USTRANSCOM) Enterprise Resource Program (ERP) that will replace existing accounting and finance legacy systems to 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 Increment 1, originally Spirals 1 and 2, was released to Scott AFB, Illinois as a Technology Demonstration. In July 2007, Spiral 1 was successfully fielded and used by over 700 users at Scott AFB and ANG units. Spiral 1 provides commitment accounting capability and has been used for three successive year-end closeouts (FY07-FY09). In May 2010, Spiral 2 was released to approximately 1,100 users at Scott AFB and DFAS-Limestone. Spiral 2 provides full general accounting capability to include investment funding, commitment accounting and cost accounting. Spiral 2 was successfully used to complete the FY10 end-of-year closeout and concludes the Technology Demonstration of DEAMS. Recent restructuring due to a critical change have integrated Spirals 3 and 4, originally Increment 2, into Increment 1. Although Spiral 3 and 4 have been rolled into Increment 1, no program requirements were modified as a result of the aforementioned critical change. Spirals 3 and 4 will leverage the

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Exhibit R-2, RDT&E Budget Item Justification: PB 2012 Air Force DATE: February 2011

APPROPRIATION/BUDGET ACTIVITY

**R-1 ITEM NOMENCLATURE** 

3600: Research, Development, Test & Evaluation, Air Force

PE 0901538F: Financial Management Information Systems (FMIS)

BA 7: Operational Systems Development

capability released in Spirals 1 and 2 and will rollout world-wide to the remainder of USTRANSCOM and Operating AF Bases. Spiral 5, now Increment 2, will rollout to Air Force Space Command (AFSPC) and Air Force Material Command (AFMC) and will provide full general accounting capabilities with inclusion of AFSPC and AFMC unique requirements, such as Foreign Military Sales and Contingency Operations. DEAMS is compliant with the Clinger-Cohen Act, Business Enterprise Architecture (BEA), and integrates into Global Combat Support System-Air Force (GCSS-AF). Activities also include studies and analysis to support current program planning. execution, and future program planning.

The Program and Budget Enterprise Service (PBES) is a software development effort that will utilize a Service Orientated Architecture (SOA) to deliver budgeting and programming capability for the United States Air Force. PBES will replace legacy systems such 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. PBES will leverage existing data sources to provide needed capability in small incremental steps rather than a single system delivery. PBES will give the Air Force a flexible system to keep up with constantly changing budget requirements.

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

B. Program Change Summary (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Previous President's Budget	55.991	49.816	-	-	-
Current President's Budget	53.972	49.816	101.317	-	101.317
Total Adjustments	-2.019	-	101.317	-	101.317
<ul> <li>Congressional General Reductions</li> </ul>		-			
<ul> <li>Congressional Directed Reductions</li> </ul>		-			
<ul> <li>Congressional Rescissions</li> </ul>	-0.334	-			
<ul> <li>Congressional Adds</li> </ul>		-			
<ul> <li>Congressional Directed Transfers</li> </ul>		-			
Reprogrammings	-	-			
SBIR/STTR Transfer	-1.685	-			
Other Adjustments	-	-	101.317	-	101.317

## **Change Summary Explanation**

FY 2012 funding increase from Previous President's Budget to Current Budget Estimate Submission reflects required funding for various DEAMS RDT&E activities to include Program Management, System Development, DISA/GCSS-AF Support, and System Implementation & Fielding. These activities will allow Spiral 3&4 functionality development; provide Spiral 2 Help Desk Support; provide by DISA and GCSS-AF hardware and software support for production and COOP environments; initiate change management and role mapping efforts in advance of Spiral 3/4 rollout; and accomplish initial Spiral 5 blueprinting efforts. Additionally, PBES requires funding to perform RDT&E development activities associated with a new start program.

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**DATE:** February 2011

APPROPRIATION/BUDGET ACTIV 3600: Research, Development, Tes BA 7: Operational Systems Develop	Research, Development, Test & Evaluation, Air Force				IOMENCLAT BF: Financial Systems (FI	l Manageme		PROJECT 672222: Program Budget Enterprise Service					
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost		
672222: Program Budget Enterprise Service	-	-	1.495	-	1.495	1.495	-	-	-	Continuing	Continuing		
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0				

## A. Mission Description and Budget Item Justification

Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force

The Program and Budget Enterprise Service (PBES) is a software development effort that will utilize a Service Orientated Architecture (SOA) to deliver budgeting and programming capability for the United States Air Force. PBES will replace legacy systems such 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. PBES will leverage existing data sources to provide needed capability in small incremental steps rather than a single system delivery. PBES will give the Air Force a flexible system to keep up with constantly changing budget requirements.

PBES capabilities development will include two initial phases. Phase one will encompass a data repository, the business rules that govern data element derivation, reporting, and applicable interfaces. Phase two will consist of capabilities such as cost modeling, price/program, the Functional Area Workspace (FAWS), and force programming.

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 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Title: PBES Application Development	-	-	1.495	-	1.495
<b>Description:</b> Development of budgeting and programming capability allowing the AF to sunset outdated, legacy systems					
FY 2010 Accomplishments: None					
FY 2011 Plans: None					
FY 2012 Base Plans: Development of budgeting and programming capability allowing the AF to sunset outdated, legacy systems					
FY 2012 OCO Plans:					

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force			DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT	
3600: Research, Development, Test & Evaluation, Air Force	PE 0901538F: Financial Management	672222: Pr	ogram Budget Enterprise Service
BA 7: Operational Systems Development	Information Systems (FMIS)		

B. Accomplishments/Planned Programs (\$ in Millions)				FY 2012	FY 2012	FY 2012
	FY 2	010	FY 2011	Base	oco	Total
Accomplishments/Planned Programs S	ubtotals	-	-	1.495	-	1.495

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

			FY 2012	FY 2012	FY 2012					<b>Cost To</b>	
<u>Line Item</u>	FY 2010	FY 2011	<b>Base</b>	OCO	<u>Total</u>	FY 2013	FY 2014	FY 2015	FY 2016	Complete 1	Total Cost
N/A: Not Applicable	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing (	Continuing

## D. Acquisition Strategy

PBES will be developed using an incremental approach consisting of two phases; contractual vehicle for this approach is TBD.

#### 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 Pr			Air Force	1				_	 		E: Februar	y 2011		
APPROPRIATION/BUD 3600: Research, Develo 3A 7: Operational Syste	pment, Tes	t & Evaluation, Air Fo	rce	R-1 ITEM NOMENCLATURE PE 0901538F: Financial Management Information Systems (FMIS)						PROJECT 672222: Program Budget Enterprise Service				
Product Development	(\$ in Millio	ns)		FY:	2011	FY 2012 2011 Base		FY 2		FY 2012 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To	Total Cost	Target Value of Contract	
PBES Development	TBD	TBD:TBD,	-	-		1.495		-		1.495	Continuing	Continuing	ТВ	
		Subtotal	-	-		1.495		-		1.495				
Support (\$ in Millions)				FY	2011	FY 2 Ba	2012 se	FY 2		FY 2012 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To	Total Cost	Target Value of Contract	
		Subtotal	-	-		-		-		-	0.000	0.000	0.00	
Test and Evaluation (\$	in Millions	)		FY	2011	FY 2 Ba	2012 se	FY 2		FY 2012 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
		Subtotal	-	-		-		-		-	0.000	0.000	0.00	
Management Services	(\$ in Millio	ns)		FY	2011	FY 2 Ba	2012 se	FY 2		FY 2012 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
		Subtotal	-	-		-		-		-	0.000	0.000	0.00	
			Total Prior Years Cost	FY:	2011	FY 2 Ba	2012 se	FY 2		FY 2012 Total	Cost To	Total Cost	Target Value of Contract	

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R-1 ITEM NOMENCLATURE PE 0901538F: Financial Management Information Systems (FMIS)	PROJECT 672222: Program Budget Enterprise Servic
PE 0901538F: Financial Management	
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Air Force Page 6 of 22 R-1 Line Item #241

Exhibit R-4A, RDT&E Schedule Details: PB 2012 Air Force

APPROPRIATION/BUDGET ACTIVITY

3600: Research, Development, Test & Evaluation, Air Force
BA 7: Operational Systems Development

APROPRIATION/BUDGET ACTIVITY
PE 0901538F: Financial Management
Information Systems (FMIS)

DATE: February 2011

R-1 ITEM NOMENCLATURE
PE 0901538F: Financial Management
Information Systems (FMIS)

## Schedule Details

	St	art	E	ind
Events	Quarter	Year	Quarter	Year
Phase One Requirements Review	3	2011	3	2011
Design and Build Phase One Capabilities	3	2011	2	2013
Phase One Incremental Operational Testing	2	2012	2	2013
Phase Two Requirements Review	3	2012	3	2012
Design and Build Phase Two Capabilities	3	2012	4	2013
Initial Operational Capability	2	2013	2	2013
Phase Two Incremental Operational Testing	2	2013	4	2013
Full Operational Capability	4	2013	4	2013

Exhibit R-2A, RDT&E Project Ju	stification: PE	3 2012 Air Fo	orce						DATE: Feb	ruary 2011	
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development  R-1 ITEM NOMENCLATURE PE 0901538F: Financial Management Information Systems (FMIS)  PROJECT 675036: Financial Information Systems (FMIS)						nation Reso	urce				
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
675036: Financial Information Resource System (FIRST)	13.337	4.727	-	-	-	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

#### A. Mission Description and Budget Item Justification

The Financial Information Resource System (FIRST) is a software development effort originally intended to build a single Air Force system for programming and budget formulation. The current development activity will provide a modernized system for Force Structure Data Management (FSDM) programming that will allow the sunset of the legacy Program Data System (PDS). FIRST supports processes for force programming, formulation of budget requirements, and deliberation of budget options. These activities encompasses the budget exercise process, which affects all organizational levels, and is based on core financial and selected program information used to build the Air Force budget.

FIRST will comply with the Clinger-Cohen Act; the Business Enterprise Architecture (BEA); Chief Financial Officer (CFO) Act; DoD Information Technology Standards Registry (DISR) guidelines, and; Command, Control, Communications, Computer, Intelligence, Surveillance and Reconnaissance (C4ISR) guidelines.

FIRST will provide the capability necessary to replace PDS. Activities will also include studies and analysis to support both current program planning and execution and future program planning activities. In July 2010, SAF/FMB decided to end the FIRST development program upon the full deployment of capability required to replace PDS. FIRST development will conclude in FY11, thus no FIRST RDT&E funding is budgeted beyond FY11. In accordance with DoDI 8500.2, Information Assurance activities are broken out for FY11-FY12.

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 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Title: FIRST Application Development	10.505	2.718	-	-	-
Description: Provide FSDM capability to process FY12 PB and enable sunset of PDS legacy system					
FY 2010 Accomplishments: Application Development for FSDM capability needed to sunset PDS and accomplish current/future planning activities					
FY 2011 Plans:					

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force			D.	ATE: Febru	ary 2011			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0901538F: Financial Management Information Systems (FMIS)	PROJECT 675036: Financial Information Resource System (FIRST)						
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total		
Complete development activity and conduct Operational Test Read for interoperability, penetration, and operational test. Receive Full program ends in FY11.	•							
FY 2012 Base Plans: None.								
FY 2012 OCO Plans: None.								
Title: FIRST Integration, Support and Analysis		2.782	2.009	-	-	_		
<b>Description:</b> Continuing Integration, Support and Analysis								
FY 2010 Accomplishments:  Continue Program Office support to manage the FSDM design requirements.  Continue Program Office support to manage the FSDM design requirements.								
FY 2011 Plans: Program focus during this period will be on deployment of the FIRS entails the final GCSS-AF preproduction and deployment reviews.								
FY 2012 Base Plans: None.								
FY 2012 OCO Plans: None.								
Title: FIRST Information Assurance		0.050	-	-	-	-		
Description: Information Assurance								
FY 2010 Accomplishments: Initiate C&A for FIRST v2.2; perform IA-related sustainment activiti	es; maintain FISMA compliance							
FY 2011 Plans:						1		

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force	DATE: February 2011	
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT
3600: Research, Development, Test & Evaluation, Air Force	PE 0901538F: Financial Management	675036: Financial Information Resource
BA 7: Operational Systems Development	Information Systems (FMIS)	System (FIRST)

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Complete C&A for FIRST v2.2; perform IA-related sustainment activities; maintain FISMA compliance					
FY 2012 Base Plans: None.					
FY 2012 OCO Plans: None.					
Accomplishments/Planned Programs Subtotals	13.337	4.727	-	-	-

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

			FY 2012	FY 2012	FY 2012					Cost To	
<u>Line Item</u>	FY 2010	FY 2011	<b>Base</b>	000	<u>Total</u>	FY 2013	FY 2014	FY 2015	FY 2016	Complete	<b>Total Cost</b>
• PE 0901538F: <i>FMIS, OPAF</i>	0.834	0.845	0.843	0.000	0.843	0.872	0.885	0.899	0.915	Continuing	Continuing
• PE 0308610F: InfoMgmtAuto- Pgm3, O&M	1.355	4.316	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
• PE 0901538F (2): FMIS, O&M	0.000	0.000	3.571	0.000	3.571	3.019	3.530	3.997	3.790	Continuing	Continuing

## D. Acquisition Strategy

FIRST FSDM capability is being developed using the existing Cost Plus Award (CPAF) contract. FIRST development program will end with delivery of FSDM capability leading to a full deployment decision in July 2011.

#### **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 Pr	oject Cost	Analysis: PB 2012	Air Force							DAT	<b>E:</b> Februar	y 2011	
APPROPRIATION/BUD 3600: Research, Develo BA 7: Operational Syste	pment, Tes	t & Evaluation, Air Fo	orce	PE	ITEM NOI 0901538F: ormation Sy	Financial	Managem	ent			al Informati	ion Resour	ce
Product Development	(\$ in Millio	ns)		FY	2011	1	2012 ise		2012 CO	FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To	Total Cost	Target Value of Contract

Support (\$ in Millions)				FY	2011		2012 ise		2012 CO	FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
		Subtotal	-	-		-		-		-	0.000	0.000	0.000

0.000

0.000

99.093

99.093

0.000

0.000

2.718 Oct 2010

2.718

96.375

96.375

Test and Evaluation (\$ i	est and Evaluation (\$ in Millions)			FY 2011			2012 ise		2012 CO	FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Joint Interoperability Test Center (JITC)	MIPR	JITC:Fort Huachuca, AZ	0.499			-		-		-	Continuing	Continuing	TBD
92nd Information Operations Squadron	РО	Penetration Testing:Lackland AFB, TX	-	0.225	Jan 2011	-		-		-	0.000	0.225	0.000
346th Test Squadron	РО	Participating Test Organization:Lackland AFB, TX	-	0.138	Jan 2011	-		-		-	0.000	0.138	0.000
Responsible Test Organization (RTO)	Various	643 ELSS/EIRT:Gunter AFB, AI	0.947	-		-		-		-	Continuing	Continuing	TBD
Capabilities Integration Environment (CIE)	Various	643 ELSS/EIRT:Gunter AFB, AI	0.724	0.022	Apr 2011	-		-		-	Continuing	Continuing	TBD
Defense Information Systems Agency (DISA)	MIPR	DISA:Montgomery, Al	2.746	0.399	Nov 2010	-		-		-	Continuing	Continuing	TBD
Tech Support	Various		4.015	0.689	Jan 2011	-		-		-	Continuing	Continuing	0.000

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Application Development & Test for FSDM capability including GCSS-AF integration

and current/future program planning activities

C/CPAF

Accenture:Fairborn, OH

Subtotal

## Exhibit R-3, RDT&E Project Cost Analysis: PB 2012 Air Force

APPROPRIATION/BUDGET ACTIVITY

3600: Research, Development, Test & Evaluation, Air Force

BA 7: Operational Systems Development

#### R-1 ITEM NOMENCLATURE

PE 0901538F: Financial Management Information Systems (FMIS)

**PROJECT** 

675036: Financial Information Resource

**DATE:** February 2011

System (FIRST)

Test and Evaluation (\$	est and Evaluation (\$ in Millions)			FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
		Quantech/ETASS/ MITRE:Dayton, OH											
Information Accreditation Services	Various	643 ELSS:Gunter AFB, OH	0.050	-		-		-		-	0.000	0.050	0.000
		Subtotal	8.981	1.473		-		-		-			

Management Services	anagement Services (\$ in Millions)			FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
PMA Support	Various	Quantech/ PASS:Dayton, OH	5.876	0.251	Jan 2011	-		-		-	Continuing	Continuing	TBD
PMA CCARS	Various	Various:Various,	1.964	-		-		-		-	0.000	1.964	0.000
Program Office Spt	Various	Various:Various,	1.041	0.196	Oct 2010	-		-		-	Continuing	Continuing	0.000
Cost Support	C/TBD	Tecolote/SCS Cost Estimators:Dayton, OH	-	0.089	Mar 2011	-		-		-	0.000	0.089	0.000
		Subtotal	8.881	0.536		-		-		-			

#### Remarks

Note:

CCARS: Comprehensive Cost and Requirement System

	Total Prior Years Cost	FY2	2011	FY 2 Ba	2012 se		2012 CO	FY 2012 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	114.237	4.727		-		-		-			

#### **Remarks**

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Air Force	DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0901538F: Financial Management Information Systems (FMIS)	PROJECT 675036: Financial Information Resource System (FIRST)		
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Exhibit R-4A, RDT&E Schedule Details: PB 2012 Air Force	DATE: February 2011		
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT	
3600: Research, Development, Test & Evaluation, Air Force	PE 0901538F: Financial Management	675036: Fir	nancial Information Resource
BA 7: Operational Systems Development	Information Systems (FMIS)	System (FII	RST)

# Schedule Details

	St	art	E	nd
Events	Quarter	Year	Quarter	Year
v2.2.0.0.P Test Readiness Review (TRR)	1	2011	1	2011
v2.2.0.1 Test Readiness Review (TRR)	2	2011	2	2011
v2.2.0.2 Test Readiness Review (TRR)	2	2011	2	2011
Operational Test Readiness Review (OTRR)	2	2011	2	2011
Operational Test	1	2011	3	2011
Interoperability Test	1	2011	3	2011
Penetration Test	1	2011	3	2011
Full Deployment Decision (FDD)	4	2011	4	2011

Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force											DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development				PE 090153	IOMENCLA 8F: Financia Systems (Fi	l Manageme	nt	PROJECT 675179: Defense Enterprise Accounting Management System - AF (DEAMS)						
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost			
675179: Defense Enterprise Accounting Management System - AF (DEAMS)	40.635	45.089	99.822	-	99.822	97.178	90.567	80.709	55.255	Continuing	Continuing			
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0					

#### Note

The program funding includes reductions for overhead reduction efficiencies that are not intended to impact program content. The efficiencies reductions total \$.544M in FY12, \$1.884M in FY13, \$1.507M in FY14, \$1.386M in FY15 and \$1.347M in FY16.

#### A. Mission Description and Budget Item Justification

Defense Enterprise Accounting and Management System (DEAMS) is a commercial-off-the-shelf (COTS) Oracle based software configuration effort that will provide an auditable modern accounting and finance system. DEAMS is a Joint AF and United States Transportation Command (USTRANSCOM) Enterprise Resource Program (ERP) that will replace existing accounting and finance legacy systems to 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 Increment 1, originally Spirals 1 and 2, was released to Scott AFB, Illinois as a Technology Demonstration. In July 2007, Spiral 1 was successfully fielded and used by over 700 users at Scott AFB and ANG units. Spiral 1 provides commitment accounting capability and has been used for three successive year-end closeouts (FY07-FY09). In May 2010, Spiral 2 was released to approximately 1,100 users at Scott AFB and DFAS-Limestone. Spiral 2 provides full general accounting capability to include investment funding, commitment accounting and cost accounting. Spiral 2 was successfully used to complete the FY10 end-of-year closeout and concludes the Technology Demonstration of DEAMS. Recent restructuring due to a critical change have integrated Spirals 3 and 4, originally Increment 2, into Increment 1. Although Spiral 3 and 4 have been rolled into Increment 1, no program requirements were modified as a result of the aforementioned critical change. Spirals 3 and 4 will leverage the capability released in Spirals 1 and 2 and will rollout world-wide to the remainder of USTRANSCOM and Operating AF Bases. Spiral 5, now Increment 2, will rollout to Air Force Space Command (AFSPC) and Air Force Material Command (AFMC) and will provide full general accounting capabilities with inclusion of AFSPC and AFMC unique requirements, such as Foreign Military Sales and Contingency Operations. DEAMS is compliant with the Clinger-Cohen Act, Bu

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 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Title: DEAMS Product Development	35.023	37.367	90.364	-	90.364

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force			D	ATE: Febru	ary 2011	
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0901538F: Financial Management Information Systems (FMIS)		ise Account F (DEAMS)	•		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
<b>Description:</b> Manage system integration testing and functional pro Increment 1 Spiral 2 Technology Demonstration. Support fielding a to include data conversion and cutover from legacy systems to Spir operational capabilities. Identify, prioritize, and resolve software problem reports and defects. Provide hardware support (System a database security) and storage service by DISA. Continued developmentation of GCSS, ERP support, engineering services, change mathelp desk support, etc.						
FY 2010 Accomplishments: In FY 2010, manage system integration testing and functional prod Demonstration. Support fielding activities to include data conversio 2 Technology Demonstration. Identify, prioritize, and resolve softw support (System admin and database security) and storage service of interface to GCSS. Includes SI, Test Ctr, test h/w procurement, 0 scvs, change management, help desk support, etc.						
FY 2011 Plans: In FY 2011, operation and support of Increment 1 Spiral 1 and 2 fur software problem reports and defects. Initial Blueprinting of Increment Database administration performed by GCSS-AF, COTS s/w maint management, help desk support, etc.	nent 1, Spiral 3/4. Includes SI, Test Ctr,					
FY 2012 Base Plans: In FY 2012, completion of Increment 1, Spiral 3/4 high level and de Increment 2 (Spiral 5). Includes SI, Test Ctr, procurement of hardw ERP support, engineering scvs, change management, help desk st database security) and storage service provided by DISA.	vare for development zone, COTS s/w maint,					
FY 2012 OCO Plans: None.						
Title: DEAMS T&E		2.512	2.619	3.150	_	3.150
<b>Description:</b> The DT&E process will be a complete system test to	validate system					

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force			D.	ATE: Febru	ary 2011				
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0901538F: Financial Management Information Systems (FMIS)	PROJECT 675179: Defense Enterprise Accounting Management System - AF (DEAMS)							
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total			
software requirements and compliance mandates are satisfied. The efforts will be conducted at a SI test site, CIE and DISA production The DEAMS Integrated Test Plan (ITP) and the Increment 1 SI So Plan (STP) cover the details of DEAMS DT&E.	n sites.								
FY 2010 Accomplishments: In FY 2010, support of Increment 1 Spiral 1. Increment 1 systems test scripts which will provide insight into suitability issues and ider prioritize, and resolve software problem reports and defects for the Validation & Verification (IV&V) contract to provide an independent product. Includes CIE, RTO, JITC, AFOTEC, and IV&V efforts.	ntification of any interface problems. Identify, e fielded system. Awarded an Independent								
FY 2011 Plans: In FY 2011, continue to identify, prioritize, and resolve software pro Conduct Early Operational Assessment. Continued Integrated Tes									
FY 2012 Base Plans: In FY 2012, support of Increment 1 - Increment 1 systems integral scripts which will provide insight into suitability issues and identification prioritize, and resolve software problem reports and defects for the	ation of any interface problems. Identify,								
FY 2012 OCO Plans: None.									
Title: DEAMS PM Activities		3.100	5.103	6.308	-	6.30			
<b>Description:</b> PMA activities includes acquisition support services, travel supplies and equipment, etc.	cost estimating & analysis, help desk level 1,								
FY 2010 Accomplishments: In FY 2010, PMA includes development of Spiral 2 (test, deployment information assurance, etc). Development of Spiral 3/4 RFP and									
FY 2011 Plans:									

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force			DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT	-
3600: Research, Development, Test & Evaluation, Air Force	PE 0901538F: Financial Management	675179: De	efense Enterprise Accounting

Information Systems (FMIS)

Management System - AF (DEAMS)

99.822

99.822

40.635

45.089

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
In FY 2011, PMA Includes Inc 1 Spiral 2 fielding and support; Increment 1, Spiral 3 and 4, Source Selection and acquisition support; End-user training and Milestone B planning.					
FY 2012 Base Plans: In FY 2012, PMA includes Inc 1, Spiral 1/2 and Spiral 3/4 Initial Development and acquisition support. Rollout/ change management preparation. Milestone B acquisition activities.					
FY 2012 OCO Plans: None.					

**Accomplishments/Planned Programs Subtotals** 

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

BA 7: Operational Systems Development

			FY 2012	FY 2012	FY 2012					<b>Cost To</b>	
<u>Line Item</u>	FY 2010	FY 2011	<b>Base</b>	<u>000</u>	<u>Total</u>	FY 2013	FY 2014	FY 2015	FY 2016	<b>Complete</b>	<b>Total Cost</b>
• TWCF: -C	19.795	8.072	5.498	0.000	5.498	2.500	1.072	1.087	1.106	Continuing	Continuing
• TWCF (1): -O	1.837	2.459	8.262	0.000	8.262	5.329	4.382	4.456	4.530	Continuing	Continuing
• PE 0308610F: InfoMgmtAuto-	0.400	1.767	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Pgm3, O&M											
• PE 0901538F: InfoMgmtAuto-	0.000	0.000	1.427	0.000	1.427	7.564	15.726	34.128	29.639	Continuing	Continuing
Pgm3, O&M											
• PE 0901538F (4): <i>FMIS, OPAF</i>	16.650	2.379	14.824	0.000	14.824	17.468	23.852	26.347	16.267	Continuing	Continuing

## D. Acquisition Strategy

The DEAMS program will execute an incremental delivery of COTS-based accounting and financial management capabilities and subsume non-CFO compliant legacy functionality as capability is delivered. Due to solution complexity, the Program Office is investigating Cost Plus and Firm Fixed Price contract opportunities, subject to Milestone Decision Authority approval, which allow for equitable and sensible allocation of risk between the Government and the contractor.

## **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 2012 Air Force

APPROPRIATION/BUDGET ACTIVITY

3600: Research, Development, Test & Evaluation, Air Force

BA 7: Operational Systems Development

R-1 ITEM NOMENCLATURE

PE 0901538F: Financial Management

Information Systems (FMIS)

**DATE:** February 2011

PROJECT

675179: Defense Enterprise Accounting Management System - AF (DEAMS)

C				FY 2	2011	Ba	2012 se	00	2012 CO	FY 2012 Total			
N	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
DEAMS Application Development and Test for AF ncrement Capability	Various	Various:Various,	32.222	9.084	Nov 2010	59.493	Nov 2011	-		59.493	Continuing	Continuing	TBD
DISA & GCSS-AF Support	MIPR	754 ELSG:Gunter AFB, AL	8.699	7.579	Oct 2010	7.297	Oct 2011	-		7.297	Continuing	Continuing	TBD
Direct Mission Support (ERP support, engineering services, change management, L2 help desk support, etc.)	Various	Various:Various,	52.341	20.704	Nov 2010	23.574	Nov 2011	-		23.574	0.000	96.619	0.000
		Subtotal	93.262	37.367		90.364		-		90.364			

Support (\$ in Millions)					FY 2011		FY 2012 Base		FY 2012 OCO				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Office Support (acquisition support services, L1 help desk, cost estimating & analysis, travel, supplies & equipment, etc.)	C/TBD	Not specified.:Wright- Patterson AFB, OH	11.662	5.103	Oct 2010	6.308	Oct 2011	-		6.308	0.000	23.073	0.000
		Subtotal	11.662	5.103		6.308		-		6.308	0.000	23.073	0.000

Test and Evaluation (\$ in Millions)			FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
C/TBD	754 ELSG:Gunter AFB, AL	2.323	0.630	Dec 2010	0.820	Dec 2011	-		0.820	Continuing	Continuing	TBD
C/TBD	754 ELSG:Gunter AFB, AL	1.184	0.205	Dec 2010	0.445	Dec 2011	-		0.445	Continuing	Continuing	TBD
MIPR	JITC:Fort Huachuca, AZ	0.980	0.254	Oct 2010	0.202	Oct 2011	-		0.202	Continuing	Continuing	TBD
	Contract Method & Type C/TBD	Contract Method & Type Activity & Location  C/TBD 754 ELSG:Gunter AFB, AL  C/TBD 754 ELSG:Gunter AFB, AL  JITC:Fort Huachuca,	Contract Method & Performing Activity & Location Cost  C/TBD 754 ELSG:Gunter AFB, AL  C/TBD 754 ELSG:Gunter AFB, AL  1.184  MIPR JITC:Fort Huachuca, 0.980	Contract Method & Type         Performing Activity & Location         Total Prior Years Cost         Cost           C/TBD         754 ELSG:Gunter AFB, AL         2.323         0.630           C/TBD         754 ELSG:Gunter AFB, AL         1.184         0.205           MIPR         JITC:Fort Huachuca,         0.980         0.254	Contract   Method & Type   Activity & Location   Cost   Cost   Date	Contract   Performing   Activity & Location   Cost   Cost   Date   Cost	Contract   Method & Performing   Activity & Location   Cost   Cost   Date   Date   Cost   Date   Cost   Date   Cost   Date   Cost   Date   Date   Date   Cost   Date   D	Contract   Method & Performing   Activity & Location   Cost   Cost   Date   Cost   Date   Cost   Cost   Cost   Cost   Cost   Date   Cost   C	Contract   Performing   Activity & Location   Cost   Cost   Date   Cost   Date   Cost   Date   Cost   Date   Cost   Date   Cost   Cos	Contract   Method & Performing   Activity & Location   Cost   Cost   Date   Cost   Date   Cost   Date   Cost   Date   Cost   C	Contract   Performing   Activity & Location   Cost   Cost   Date   Cost   Date   Cost   Date   Cost   Date   Cost   Cost   Complete	Contract Method & Performing Activity & Location Cost Cost Date Cost Date Cost Date Cost Date Cost Complete Total Cost Complete Cost Cost Cost Cost Cost Cost Cost Cost

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#### Exhibit R-3, RDT&E Project Cost Analysis: PB 2012 Air Force **DATE:** February 2011

APPROPRIATION/BUDGET ACTIVITY

3600: Research, Development, Test & Evaluation, Air Force

BA 7: Operational Systems Development

R-1 ITEM NOMENCLATURE PE 0901538F: Financial Management

Information Systems (FMIS)

PROJECT

675179: Defense Enterprise Accounting Management System - AF (DEAMS)

Test and Evaluation (\$ i	Test and Evaluation (\$ in Millions)					FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Air Force Operational Test & Evaluation Center (AFOTEC)	MIPR	AFOTEC:Eglin AFB, FL	0.463	0.130	Oct 2010	0.170	Oct 2011	-		0.170	Continuing	Continuing	TBD
Independent Verification and Validation (IV&V)	C/CPAF	Ryan Consulting:Fairborn, OH	5.325	1.400	Nov 2010	1.513	Nov 2011	-		1.513	Continuing	Continuing	TBD
		Subtotal	10.275	2.619		3.150		-		3.150			

Management Services (\$ in Millions)			FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
		Subtotal	-	-		-		-		-	0.000	0.000	0.000
						T							

	Total Prior									Target
	Years			FY 2012	FY	2012	FY 2012	Cost To		Value of
	Cost	FY	2011	Base	0	co	Total	Complete	Total Cost	Contract
Project Co	st Totals 115.199	45.089		99.822	-		99.822			

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Air Force		DATE: February 2011					
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0901538F: Financial Management Information Systems (FMIS)	PROJECT 675179: Defense Enterprise Accounting Management System - AF (DEAMS)					
Tr. Operational Systems Development	illioillation Systems (Fivils)	Management System - AF (DEAMS)					

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Exhibit R-4A, RDT&E Schedule Details: PB 2012 Air Force **DATE:** February 2011

APPROPRIATION/BUDGET ACTIVITY R-1 ITEM NOMENCLATURE

PROJECT 3600: Research, Development, Test & Evaluation, Air Force PE 0901538F: Financial Management

675179: Defense Enterprise Accounting Management System - AF (DEAMS) BA 7: Operational Systems Development Information Systems (FMIS)

## Schedule Details

	St	art	End		
Events	Quarter	Year	Quarter	Year	
AF Inc 1 Spiral 1/2	1	2010	4	2012	
AF Inc 1 Spiral1/2 Beta Release	1	2010	1	2010	
AF Inc 1 Spiral 1/2 DT&E	1	2010	3	2010	
AF Inc 1 Spiral 1/2 EOA	3	2010	4	2010	
AF Inc 1 Spiral 1/2 Support	1	2011	4	2012	
AF Inc 1 Spiral 3/4	1	2010	4	2012	
AF Inc 1 Spiral 3/4 Critical Change Report (CCR)	4	2010	4	2010	
AF Inc 1 Spiral 3/4 Acquisition Planning	1	2010	4	2011	