Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Air Force

Date: March 2014

Appropriation/Budget Activity

R-1 Program Element (Number/Name)

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

PE 0605018F I AF Integrated Personnel and Pay System (AF-IPPS)

Operational Systems Development

1 .																
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost				
Total Program Element	80.467	40.088	34.034	90.218	-	90.218	93.788	58.677	59.825	28.703	-	485.800				
676003: HRM Structural Development	80.467	40.088	34.034	90.218	-	90.218	93.788	58.677	59.825	28.703	-	485.800				
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-						

MDAP/MAIS Code: N86

A. Mission Description and Budget Item Justification

Air Force Integrated Personnel and Pay System (AFIPPS) will be a web enabled, Commercial-Off-The-Shelf (COTS)-based solution that will integrate many existing personnel and pay processes into one self-service system. The system represents the AF commitment to modernizing business practices and providing enhanced support for today's service members and their families. AFIPPS will align with DoD data standards for personnel, pay, and accounting, including the Common Human Resource Information Standards (CHRIS), which will ensure compliance with the Business Enterprise Architecture (BEA). AFIPPS will provide Enterprise Information Web (EIW) services. The AFIPPS program will be bound by using the BEA "Hire-to-Retire" (H2R) construct. Eighty-four percent of the BEA's H2R activities are within the scope of AFIPPS.

The purpose of AFIPPS is to provide the AF with a sustainable, cost-effective, auditable, and regulatory compliant method of effectively capturing and maintaining personnel information so that Service members are paid accurately and on-time without requiring repetitive action or onerous paperwork, while allowing commanders/managers to easily access pertinent information.

The goal of AFIPPS, as documented in the Capability Development Document (CDD) signed 05 Jul 11, is to fully integrate personnel and pay management for the AF's Total Force (Regular Air Force (RegAF), Air National Guard (ANG), and Air Force Reserve (AFRes)). The future state will be characterized by streamlined, Total Force business processes; efficient and accurate management of pay entitlements; auditable financial statements with regard to military pay; improved access to accurate and timely personnel data for authorized users; and a modernized IT systems environment that is cost-effective and can adapt to future needs.

AFIPPS's customers include approximately 507,000 AF Service members across all components (330,000 RegAF, 107,000 ANG, and 70,000 AFRes) as well as thousands of military leaders of different ranks, specialties, and career fields who are responsible for the conduct of AF operations that rely on these services to ensure Service members with the appropriate skill sets are deployed where needed at home and on the battlefield. Congress, the rest of the Department of Defense (DoD), and other federal agencies all rely on accurate AF Human Resources (HR) data to make key decisions that affect how the US military is organized, funded, deployed, and maintained.

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 funding in the current or subsequent fiscal year.

^{*} The FY 2015 OCO Request will be submitted at a later date.

Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Air Force

Appropriation/Budget Activity

R-1 Program Element (Number/Name)

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

PE 0605018F I AF Integrated Personnel and Pay System (AF-IPPS)

Date: March 2014

Operational Systems Development

B. Program Change Summary (\$ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	91.697	90.097	128.149	-	128.149
Current President's Budget	40.088	34.034	90.218	-	90.218
Total Adjustments	-51.609	-56.063	-37.931	-	-37.931
Congressional General Reductions	-0.061	-0.063			
 Congressional Directed Reductions 	-46.000	-56.000			
Congressional Rescissions	-	-			
Congressional Adds	-	-			
 Congressional Directed Transfers 	-	-			
Reprogrammings	-4.421	-			
SBIR/STTR Transfer	-1.127	-			
Other Adjustments	-	-	-37.931	-	-37.931

Change Summary Explanation

FY13 Congressional Directed Reduction (-\$46.0M) due to Contract 1 award delay.

FY14 Congressional Directed Reduction (-\$56.0M) due to availability of FY12 funds for development.

FY15 funding decrease to support higher DoD priorities.

C. Accomplishments/Planned Programs (\$ in Millions)	FY 2013	FY 2014	FY 2015
Title: Product Development	39.667	33.834	89.251
Description: Acquire and develop the activities that support the acquisition of a personnel/pay capability for USAF personnel across all components (i.e., RegAF, ANG, and AFRes).			
FY 2013 Accomplishments: Released the Contract 1 Request For Proposal (RFP). Awarded Contract 1 for Blueprinting/Conference Room Piloting (CRP) for all AFIPPS capability releases and an option for Release 1 (Leave) including requirements analysis, design, integration, functional/systems test, deployment, and training. Obtained full accreditation of the following development environments [i.e., received Authority to Operate (ATO)]: Data Management Environment (DME), Common Tools Environment (CTE) and Common Services Environment (CSE). Built the development environment of the initial AFIPPS development / test environment and extended existing DISA services (i.e., cloud computing). Established Contract 1 post award Independent Verification and Validation (IV&V). Continued DME efforts of extracting, cleansing, consolidating, and preparing data. Purchased and renewed COTS software (S/W) to support data management, development, and deployment activities. Continued supporting AF information technology efforts (e.g., implementation & operational baselines, application services, etc.) to ensure AFIPPS is fully integrated into the AF & DoD enterprise networks, databases, and information systems. Continued acquisition planning and reporting,			

UNCLASSIFIED Page 2 of 9

U	INCLASSIFIED			
Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Air Force		Date: N	larch 2014	
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0605018F I AF Integrated Personnel and Pay S	ystem (AF-IP	PS)	
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014	FY 2015
conducted Contract 1 source selection and award, and executed Contract 1 Milestone B. Continued Contract 2 RFP development for implementation of t personnel and other program management expenses to support implementa	he current acquisition strategy. Includes contracted			
Release the Contract 2 RFP. Continue the following efforts: (1) Contract 1 in DME, (3) the AF information technology efforts (e.g., implementation & operation AFIPPS is fully integrated into the AF & DoD enterprise networks, databases Building production, Continuity of Operations (COOP), and additional develoand test environment and extend existing DISA services (i.e., cloud computing support data management and development activities, (7) Leading the integratement all contractor and Government activities. Prepare for and achieve Machine Release 1, 2, and 3. Continue acquisition planning, reporting, and the executed evelopment for implementation of the acquisition strategy. Initiate Contract personnel and other program management expenses to support implementation.	ational baselines, application services, etc.) to ensure and information systems, (4) Contract 1 IV&V, (5) apprent environments to the AFIPPS development and), (6) Purchasing and renewing COTS S/W to action for Contract 1 and managing the interaction dilestone B. Obtain the Authority to Proceed (ATP) for action of Contract 1 activities. Continue Contract 2 RFP 2 source selection activities. Includes contracted			
FY 2015 Plans: Continue with source selection activities and subsequently award Contract 2 2 phase three IV&V. Continue the following efforts: (1) Contract 1 including I the AF information technology efforts (e.g., implementation & operational bas AFIPPS is fully integrated into the AF & DoD enterprise networks, databases Building production, COOP, and additional development environments to the extend existing DISA services (i.e., cloud computing), (6) Purchasing and remaind development activities, (7) Leading the integration for Contract 1 and mand Government activities. Achieve Milestone C. Continue acquisition plant activities. Continue RFP development for implementation of future capabilities management expenses to support implementation of the program.	Blueprinting/CRP and Release 1, (2) DME, (3) selines, application services, etc.) to ensure and information systems, (4) Contract 1 IV&V, (5) AFIPPS development and test environment and newing COTS S/W to support data management anaging the interaction between all contractoring, reporting, and the execution of Contract 1			
Title: Test and Evaluation		0.421	0.200	0.967
Description: Government integrated test and evaluation activities.				
FY 2013 Accomplishments: Finalized test strategy and developed test plans for Release 1.				
FY 2014 Plans:				

PE 0605018F: AF Integrated Personnel and Pay System (AF-IPPS)
Air Force

UNCLASSIFIED Page 3 of 9

R-1 Line #119

Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Air Force

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

PE 0605018F I AF Integrated Personnel and Pay System (AF-IPPS)

C. Accomplishments/Planned Programs (\$ in Millions) Conduct test and evaluation for Release 1 and prepare test plans for subsequent Releases.	FY 2013	FY 2014	FY 2015
FY 2015 Plans: Conduct Qualification Test and Evaluation, as well as Operational Test and Evaluation for Release 1. Continue preparing and finalizing test plans for subsequent Releases.			
Accomplishments/Planned Programs Subtotals	40.088	34.034	90.218

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

			FY 2015	FY 2015	FY 2015					Cost To	
<u>Line Item</u>	FY 2013	FY 2014	Base	OCO	Total	FY 2016	FY 2017	FY 2018	FY 2019	Complete	Total Cost
• OPAF: BA03: Line Item # 834010:	-	-	-	-	-	10.244	2.985	-	-	Continuing	Continuing
General Information Technology											

Remarks

E. Acquisition Strategy

AFIPPS's acquisition strategy consists of a multiple release/multiple contract strategy. The Government will conduct a Full and Open Competition (trade-off) to award contracts to deliver the integrated personnel and pay system for the military Total Force (i.e., RegAF, ANG, and AFRes).

The AFIPPS acquisition strategy will be executed in severable and discrete capability releases. Each capability release builds upon and incorporates the previous baseline. Contract 1 includes the effort to blueprint for all releases with an option to develop, integrate, test, train, deploy, and sustain Release 1 (Leave). The primary contract type is Fixed Price Incentive Firm (FPIF). Cost Plus Incentive Fee (CPIF) and Firm Fixed Price (FFP) are used for the smaller portions of the contract, as appropriate.

The acquisition strategy for Contract 2 includes separate task orders, each of which represents a fieldable capability for the Air Force human resources mission.

AFIPPS will provide a fully integrated personnel and pay service capability for the Total Force to fully utilize capabilities in the COTS software, minimize customization of the ERP and sustainment costs and maximize the life of the system. Contract 2 plans to use a multiple award Indefinite Delivery Indefinite Quantity (IDIQ) which will be determined via the Contract 2 acquisition strategy process.

Air Force Program Executive Officer for Business and Enterprise Systems (AFPEO BES) is the PEO for AFIPPS. Air Force Life Cycle Management Center (AFLCMC) is the Contracting Authority for the AFIPPS Program and provides Contracts, Legal, and Comptroller support. The Under Secretary of Defense for Acquisition, Technology, and Logistics / Defense Acquisition Executive is the program's Milestone Decision Authority (MDA).

PE 0605018F: AF Integrated Personnel and Pay System (AF-IPPS)
Air Force

UNCLASSIFIED
Page 4 of 9

R-1 Line #119

Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0605018F I AF Integrated Personnel	
F. Performance Metrics Please refer to the Performance Base Budget Overview Book for inform Force performance goals and most importantly, how they contribute to a		nd how those resources are contributing to Air

PE 0605018F: AF Integrated Personnel and Pay System (AF-IPPS)
Air Force

				UN	ICLASS	SIFIED								
roject C	ost Analysis: PB 2	2015 Air F	orce								Date:	March 20	14	
t Activity	1				PE 060	5018F <i>I A</i>	•	,	evelopm	ent				
t (\$ in Mi	illions)		FY 2	2013	FY 2	2014					FY 2015 Total			
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
Various	DISA, Various SW Vendors : TBD,	10.065	7.764	Oct 2012	6.276	Oct 2013	11.801	Oct 2014	-		11.801	39.574	75.480	TBD
C/Various	IBM : Bethesda, MD	12.000	8.750	Jul 2014	1.496	Jul 2014	1.000	Oct 2014	-		1.000	-	23.246	TBD
C/Various	TBD : TBD,	0.000	-		-		27.310	Nov 2014	-		27.310	75.086	102.396	-
Various	Various IT Vendors : TBD,	23.790	14.461	Nov 2012	15.784	Nov 2013	36.757	Nov 2014	-		36.757	86.203	176.995	TBE
MIPR	Oracle : Reston, VA	6.777	2.373	Dec 2013	2.400	Dec 2014	2.731	Dec 2015	-		2.731	12.214	26.495	TBE
C/Various	Various : TBD,	1.680	0.674	Feb 2014	1.140	Oct 2014	1.426	Oct 2015	-		1.426	3.240	8.160	TBD
	Subtotal	54.312	34.022		27.096		81.025		-		81.025	216.317	412.772	-
s)			FY 2	2013	FY 2	2014					FY 2015 Total			
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	-	-		-		-		-		-	-	-	-
\$ in Milli	ons)		FY 2	2013	FY 2	2014					FY 2015 Total			
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
C/Various	Various : Orlando, FL	0.377	0.421	Apr 2013	0.200	Apr 2014	0.967	Apr 2015	-		0.967	3.796	5.761	TBD
	t (\$ in Mi Contract Method & Type Various C/Various Various Various Various Various MIPR C/Various C/Various in Milli Contract Method & Type \$ in Milli Contract Method & Type	t (\$ in Millions) Contract Method & Performing Activity & Location Various DISA, Various SW Vendors: TBD, C/Various IBM: Bethesda, MD C/Various TBD: TBD, Various Various IT Vendors: TBD, MIPR Oracle: Reston, VA C/Various Various: TBD, Subtotal Si) Contract Method & Performing Activity & Location Subtotal \$ in Millions) Contract Method Performing Activity & Performing Performing Activity & Performing Activity & Performing Performing	t (\$ in Millions) Contract Method & Performing Activity & Location Various DISA, Various SW Vendors: TBD, C/Various IBM: Bethesda, MD 12.000 C/Various TBD: TBD, 0.000 Various TBD: TBD, 23.790 MIPR Oracle: Reston, VA 6.777 C/Various Various: TBD, 1.680 Subtotal 54.312 Si) Contract Method & Type Activity & Location Years Subtotal - \$ in Millions) Contract Method & Type Activity & Location Years Contract Method & Type Activity & Location Years Contract Method & Type Activity & Location Years	Contract Method & Type Activity & Location Years Cost	Troject Cost Analysis: PB 2015 Air Force Activity	R-1 Pro	R-1 Program Elector Per 0605018F / A and Pay System	R-1 Program Element (N PE 0605018F / AF Integral and Pay System (AF-IPPS and	R-1 Program Element (Number/Not	R-1 Program Element (Number/Name) PE 0605018F AF Integrated Personnel and Pay System (AF-IPPS)	R-1 Program Element (Number/Name) Project	Project Cost Analysis: PB 2015 Air Force R-1 Program Element (Number/Name) PE 0605018F / AF Integrated Personnel and Pay System (AF-IPPS) PY 2015 FY 2015 Total	Project Cost Analysis: PB 2015 Air Force R-1 Program Element (Number/Name) PE 0605018F / AF Integrated Personnel and Pay System (AF-IPPS) FY 2015 FY 2015 Total	Project Cost Analysis: PB 2015 Air Force Pate: March 2014

0.377

Subtotal

0.421

0.200

0.967

0.967

3.796

5.761

Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Air Force

Appropriation/Budget Activity

3600 / 7

R-1 Program Element (Number/Name)

PE 0605018F I AF Integrated Personnel and Pay System (AF-IPPS)

Project (Number/Name)

676003 I HRM Structural Development

Management Services (\$ in Millions)			FY 2	2013	FY 2	2014	FY 2 Ba	2015 ise	FY 2	2015 CO	FY 2015 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
Engineering and Technology Acquisition Support Services (ETASS)	C/CPFF	Jacobs Technology : Bedford, MA	8.442	0.795	May 2013	-		-		-		-	-	9.237	TBD
Program Office Engineering (FFRDC)	SS/CPFF	MITRE : Lexington, MA	4.067	1.071	Oct 2012	0.167	Oct 2013	-		-		-	-	5.305	TBD
Other PMA	Various	Various : TBD,	6.570	0.632	Oct 2012	2.379	Oct 2013	3.351	Oct 2014	-		3.351	4.359	17.291	TBD
Professional Acquisition Support Services (PASS)	C/CPFF	Oasis Systems, Inc. : Lexington, MA	5.330	2.882	Apr 2013	3.653	Feb 2014	4.317	Feb 2015	-		4.317	14.524	30.706	TBD
Specialized Cost Services (SCS)	C/CPFF	Tecolote : Bedford, MA	1.369	0.265	Oct 2012	0.539	Oct 2013	0.558	Oct 2014	-		0.558	1.997	4.728	TBD
		Subtotal	25.778	5.645		6.738		8.226		-		8.226	20.880	67.267	-
										=>/		5 1/ 00/ 5			Target

			Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
-	Pı	roject Cost Totals	80.467	40.088	34.034	90.218	-	90.218	240.993	485.800	-

Remarks

PE 0605018F: *AF Integrated Personnel and Pay System (AF-IPPS)* Air Force

							U	NC	LAS	SSIF	IED)																
Exhibit R-4, RDT&E Schedule Profile: PB 2	015	Air F	orce	!																	D	ate:	Mar	ch 20)14			
Appropriation/Budget Activity 3600 / 7								R-1 Program Element (Number/Name) PE 0605018F I AF Integrated Personnel and Pay System (AF-IPPS)											Project (Number/Name) 676003 / HRM Structural Development									
AFIPPS Notional Schedule	Q1	Q2	Q3	Q4	Q1	Q2	14 Q3	Q4	Q1	Q2	15 Q3	Q4	Q1	_	(16 Q3	Q4	Q1	Q2	Y17 Q3	Q4	Q1	Q2	18 Q3	Q4	Q1	Q2	19 Q3	Q4
(a/o 20 Feb 14)	 	_		<u> </u>									1				<u> </u>	_		-								\Box
MILESTONES / DECISIONS	1									Rel1						Rel	2			Re	el3	Rel	4	Rel 5				\Box
LFDs										Δ						ΓΔ	<u> </u>				$^-$	ΤΔ		Δ				
Milestones											∑ MS €	3					∑ MS C											
FDD																						7,	FDD					
PRODUCT DEVELOPMENT																												
AFIPPS Development, Test, & Prod Environments							Est	ablis	h and	supp	ort Al	-IPP	S Dev	elopn	nent,	Test,	and P	rodu	ction	Envir	onme	nts						
Contract 1: Basic (Blueprinting/CRP)						Blue	printi	ng/	CRPs :	1&2																		\Box
Contract 1: Options (Release 1/CS)								R1:	Int/Ts	t/Fld		CS O	ption		С	S Opt	tion				L							
Contract 2 (MAC/TO 1): Release 2/CS Options)									FOP			R2: li	nt/Tes	st/Fie	ld			(CS Opt	tion								
Contract 2 (MAC/TO 1): Release 3/CS Options)									FOP					R3:	Int/T	est/F	ield						CS C	Option	1			
Contract 2 (MAC/TO 2): Release 4/CS Options)													F	ЮР			R4	: Int/	Test/	Field				С	S Opt	ion		Ш
Contract 2 (MAC/TO 3): Release 5/CS Options)																		-	FOP	R5	COTS	S Upgi	rade:	I/T/F		CS	Optio	n
AF Information Technology Efforts			(Condu	ıct AF	Infor	matic	n Te	chnol	ogy Ef	forts	(e.g.,	, ERP i	imple	ment	ation	& ор	eratio	onal b	aselir	nes, a	pplica	tion	servic	es, e	tc.)		
Independent Verification & Validation (IV&V)															IV	&V												
TEST AND EVALUATION																												Ш
Gov't Integrated Test & Evaluation Activities									Supp	ort te	st pla	n de	velop	ment	and c	ondu	ct tes	t and	evalu	uation	1							
- On 3 Sep 13, the Government received a protest to the Co GAO timeline due to government shutdown) and was resolved								•								•			evalu	iate th	e prot	test to	ok 11:	1 days	(11-d	ay dela	y to	
CS - Contractor Support	FDD	- Ful	l Dep	oloym	ent [Decis	ion		1/1	[/F - I	nteg	ratio	n/Tes	st/Fie	eld		MS	S - M	ilesto	one								
CRP - Conference Room Pilot	FOP	- Fai	r Opp	ortu	nity F	roce	SS		LF	D - Liı	mited	l Fie	lding	Decis	sion													
DO - Delivery Order	Int -	Inte	gratio	on					M	AC - N	∕lulti	ole A	ward	Con	tract													

PE 0605018F: AF Integrated Personnel and Pay System (AF-IPPS) Air Force

UNCLASSIFIED Page 8 of 9

R-1 Line #119

Exhibit R-4A, RDT&E Schedule Details: PB 2015 Air Force			Date: March 2014
3600 / 7	,	- , (umber/Name) IRM Structural Development

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
AFIPPS Development, Test, & Production Environments	1	2013	4	2019
Contract 1: Basic (Blue Printing/CRP)	1	2014	2	2015
Contract 1: Options (Release 1/CS)	3	2014	3	2017
Contract 2 (MAC/DO 1): Release 2/CS Options)	4	2014	1	2018
Contract 2 (MAC/DO 1): Release 3/CS Options)	4	2014	1	2019
Contract 2 (MAC/DO 2): Release 4/CS Options)	1	2016	3	2019
Contract 2 (MAC/DO 3): Release 5/CS Options)	2	2017	4	2019
AF Information Technology Efforts	1	2013	4	2019
Independent Verification and Validation (IV&V)	3	2013	4	2019
Government Integrated Test and Evaluation	1	2013	4	2019