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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Air Force **Date:** March 2014

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 0303141F / <i>Global Combat Support System</i>
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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	-	3.094	0.725	0.692	-	0.692	0.662	0.002	0.002	0.002	Continuing	Continuing
675046: <i>Systems Engineering & Integration</i>	-	3.094	0.725	0.692	-	0.692	0.662	0.002	0.002	0.002	Continuing	Continuing

The FY 2015 OCO Request will be submitted at a later date.

Note

In FY2015, components of project number 675046, Systems Engineering & Integration, efforts were transferred from PE 0303141F, Global Combat Support Systems (GCSS) to project number 66ACSI, ACSI, PE 0308602F, Enterprise Information Services, in order to provide better visibility of costs associated with evolution to a Cloud Computing Environment (CCE) now called Common Computing Environment (CCE).

A. Mission Description and Budget Item Justification

Global Combat Support System-Air Force (GCSS-AF) provides the warfighter and supporting elements with timely, accurate, and trusted Agile Combat Support (ACS) information. This information will have the appropriate level of security needed for the Air Expeditionary Forces (AEF) to execute the Air Force mission throughout the full spectrum of military operations. The GCSS-AF program modernizes, consolidates, develops, and integrates Air Force and Department of Defense combat support information systems.

This system is implemented and sustained worldwide and supports both wartime and peacetime requirements using hardware, software, and communications capabilities available from standard open systems government contracts and communications infrastructure programs. In this manner, GCSS-AF avoids added costs, removes business processing inefficiencies, reduces deployment footprint, and improves the speed with which information flows. GCSS-AF also supports the Global Force Management - Data Initiative (GFM-DI) as a hosted application within its common infrastructure.

Activities also include: Studies and analysis to support both current program planning and execution and future program planning and continued test and evaluation critical to avoid technical obsolescence of this critical infrastructure. Capability development of an automated risk management framework to assess and mitigate cyber and other threats to Air Force information technology and mission assets. This capability eliminates stove pipes and provides commanders with better situational awareness of vulnerabilities. Additionally, this capability promotes efficiency and sound resource allocation by enabling commanders to make better decisions when selecting risk reduction counter measures. Other development activities for Platform as a Service (PaaS) and Software as a Service (SaaS) are directly aligned with GCSS-AF's service oriented framework and the movement of infrastructure and services to a Common Computing Environment (CCE). Continued test and evaluation is critical to avoid technical obsolescence of this critical infrastructure and includes 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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B. Program Change Summary (\$ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	6.512	0.725	0.700	-	0.700
Current President's Budget	3.094	0.725	0.692	-	0.692
Total Adjustments	-3.418	-	-0.008	-	-0.008
• Congressional General Reductions	-0.005	-			
• Congressional Directed Reductions	-3.000	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.089	-			
• Other Adjustments	-0.324	-	-0.008	-	-0.008

Change Summary Explanation

FY13 reductions include a \$3.0M Congressional Mark for program restructure and \$324K for Sequestration.

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Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0303141F / <i>Global Combat Support System</i>				Project (Number/Name) 675046 / <i>Systems Engineering & Integration</i>			
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
675046: <i>Systems Engineering & Integration</i>	-	3.094	0.725	0.692	-	0.692	0.662	0.002	0.002	0.002	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

The FY 2015 OCO Request will be submitted at a later date.

Note

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Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0303141F / <i>Global Combat Support System</i>	Project (Number/Name) 675046 / <i>Systems Engineering & Integration</i>

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2013	FY 2014	FY 2015
<p>Title: Develop Enterprise Protection Risk Management (EPRM)</p> <p>Description: Enterprise Risk Management (EPRM) is an automated and standardized risk management application designed to support the Defense Security Enterprise in mitigating increased cyber threats to Air Force assets. EPRM prioritizes Courses of Action (COAs) for relative value to protect multiple assets from multiple threat tactics, techniques, and procedures. EPRM received certification and accreditation and hosting was established at DISA. Also, the Defense Business Council reviewed EPRM for Business Enterprise Architecture compliance and certified FY13 and 14 expenditures.</p> <p>FY 2013 Accomplishments: Developed a capability to support the acquisitions community specific to program protection planning in conducting risk assessments. Additionally, developed an automated reporting capability and management platform that installations can use to track the status and progress of assessments. A successful Alpha Test was conducted of recently developed capabilities at Air Force Materiel Command (AFMC). EPRM received certification and accreditation and hosting was established at DISA. Also, the Defense Business Council reviewed EPRM for Business Enterprise Architecture compliance and certified FY 13 and 14 expenditures.</p> <p>FY 2014 Plans: Based on Alpha Test results, AFMC requested immediate deployment for operational test and evaluation. EPRM will be fielded at two AFMC installations and testing will occur at three joint bases for assessment of wider DoD application. The insider threat capability will be further enhanced to support emerging DoD insider threat mitigation requirements.</p> <p>FY 2015 Plans: Continue EPRM testing at MAJCOMS, software enhancements, and fielding. Initial operating capability and rollout of EPRM to the Air Force. Software modification and enhancement.</p>	1.512	0.725	0.692
<p>Title: Common Computing Environment (CCE)</p> <p>Description: Studies and Analysis, Engineering and Development to implement a CCE to support the net-centric concepts, expose authoritative data sources, increase agility, and reduce infrastructure costs.</p> <p>FY 2013 Accomplishments: Established an Architecture Services and Integration Team to formalize organizational and process change with a focus on Architecture and Standards, Managed Services and Enterprise Licenses & Services. These activities resulted in the development of the initial, technically-detailed Air Force Implementation Baseline and associated platform-specific Profiles and began the establishment of the Integration Test Lifecycle Capability (ITLC).</p> <p>FY 2014 Plans:</p>	1.582	-	-

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B. Accomplishments/Planned Programs (\$ in Millions)	FY 2013	FY 2014	FY 2015
N/A			
FY 2015 Plans: N/A			
Accomplishments/Planned Programs Subtotals	3.094	0.725	0.692

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

<u>Line Item</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015 Base</u>	<u>FY 2015 OCO</u>	<u>FY 2015 Total</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• OPAF: BA07: Line Item # 834330: <i>GCSS-AF FoS</i>	2.500	3.038	-	-	-	-	-	-	-	-	Continuing Continuing

Remarks

D. Acquisition Strategy

EPRM RDT&E funding will be placed on cost-plus-fixed fee contract to support continued development and enhancement of COTS software. Alion Science and Technology is the prime contractor. Contract No.: SP0700-99-D-03010260

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-4, RDT&E Schedule Profile: PB 2015 Air Force

Date: March 2014

Appropriation/Budget Activity
3600 / 7

R-1 Program Element (Number/Name)
PE 0303141F / Global Combat Support
System

Project (Number/Name)
675046 / Systems Engineering & Integration

	FY13				FY14				FY15				FY16				FY17				FY18				FY19							
Major Efforts	Oct	Jan	Apr	Jul	Oct	Jan	Apr	Jul	Oct	Jan	Apr	Jul	Oct	Jan	Apr	Jul	Oct	Jan	Apr	Jul	Oct	Jan	Apr	Jul	Oct	Jan	Apr	Jul	Oct	Jan	Apr	Jul
Enterprise Risk Management (EPRM)	Production																															
	Testing																															
➤ Common Computing Environment (CCE)	Development				Efforts transferred to PE 0308102F Enterprise Information Services																											

Development
 Production
 Testing