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Exhibit R-2, RDT&E Budget Item Justification: FY 2018 Air Force										Date: May 2017		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 6: RDT&E Management Support					R-1 Program Element (Number/Name) PE 0702806F I Acquisition and Management Support							
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
Total Program Element	-	16.358	14.613	14.980	0.000	14.980	15.861	16.394	17.949	18.317	Continuing	Continuing
66ACSI: ACQ and Command Support Integration	-	16.358	14.613	14.980	0.000	14.980	15.861	16.394	17.949	18.317	Continuing	Continuing

**Note**

In FY18, PE 0702806F, Project 66ACSI, Civilian Pay, was transferred to PE 0605829F Acquisition Workforce - Cyber, Network, and Business Systems.

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

The program funds efforts to meet the Defense Acquisition Workforce Improvement Act (DAWIA), as well as Congressional, SECDEF, and SECAF mandates to provide program management execution tools, systems integration and architectural analysis, information technology infrastructure development, and technical workforce management. Funding also provides the framework for Air Force business and acquisition transformation in analyzing and developing capabilities-based architectures, re-engineering and enabling technologies, integrating robust systems engineering into early acquisition processes, and developing and managing a technical workforce with the expertise to uniformly implement OSD and Air Force engineering guidance and policies. These efforts provide stability in Air Force Acquisition by integrating major processes to reverse trends toward unpredictable program cost, schedule, and performance to facilitate quick response to urgent operational needs from across the entire spectrum of potential conflicts. These integrated capabilities will provide OSD and AF acquisition leadership insights needed to effectively manage a complex portfolio of acquisition programs through more timely and reliable access to authoritative acquisition data.

This program is in Budget Activity 6, RDT&E Management Support because this budget activity includes research, development, test and evaluation efforts and funds to sustain and/or modernize the installations or operations required for general research, development, test and evaluation.

<b><u>B. Program Change Summary (\$ in Millions)</u></b>	<b><u>FY 2016</u></b>	<b><u>FY 2017</u></b>	<b><u>FY 2018 Base</u></b>	<b><u>FY 2018 OCO</u></b>	<b><u>FY 2018 Total</u></b>
Previous President's Budget	15.357	14.613	18.682	0.000	18.682
Current President's Budget	16.358	14.613	14.980	0.000	14.980
Total Adjustments	1.001	0.000	-3.702	0.000	-3.702
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	1.001	0.000	-3.702	0.000	-3.702

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<u>Change Summary Explanation</u> FY18 reduction of \$3.7M due to movement of Project 66ACSI to PE 0605829F.		

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Appropriation/Budget Activity 3600 / 6					R-1 Program Element (Number/Name) PE 0702806F / Acquisition and Management Support				Project (Number/Name) 66ACSI / ACQ and Command Support Integration			
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
66ACSI: ACQ and Command Support Integration	-	16.358	14.613	14.980	0.000	14.980	15.861	16.394	17.949	18.317	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**Note**

In FY18, Project 66ACSI, Civilian Pay, was transferred to PE 0605829F Acquisition Workforce - Cyber, Network, and Business Systems.

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

The program funds efforts to meet the Defense Acquisition Workforce Improvement Act (DAWIA), as well as Congressional, SECDEF, and SECAF mandates to provide program management execution tools, systems integration and architectural analysis, information technology infrastructure development, and technical workforce management. Funding also provides the framework for Air Force business and acquisition transformation in developing capabilities-based architectures, re-engineering and enabling technologies, integrating robust systems engineering into early acquisition processes, acquisition process improvement analysis, and developing and managing a technical workforce with the expertise to uniformly implement OSD and Air Force engineering guidance and policies. These efforts provide stability in Air Force Acquisition by integrating major processes to reverse trends toward unpredictable program cost, schedule, and performance to facilitate quick response to urgent operational needs from across the entire spectrum of potential conflicts. These integrated capabilities will provide OSD and AF acquisition leadership insights needed to effectively manage a complex portfolio of acquisition programs through more timely and reliable access to authoritative acquisition data.

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

	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>
<b>Title:</b> Acquisition Mandates	3.198	1.155	1.800
<b>Description:</b> Supporting Congressional, SECDEF, and SECAF mandates. Program funding provides the framework for Air Force business and acquisition.			
<b>FY 2016 Accomplishments:</b> Continue program management and resources management oversight.			
<b>FY 2017 Plans:</b> Continue program management and resources management oversight.			
<b>FY 2018 Plans:</b> Continue program management and resources management oversight.			
<b>Title:</b> Performance Measurements	1.950	0.600	1.937
<b>Description:</b> Develops and upgrades performance measures for capability-based planning constructs.			

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Appropriation/Budget Activity 3600 / 6		R-1 Program Element (Number/Name) PE 0702806F / Acquisition and Management Support	Project (Number/Name) 66ACSI / ACQ and Command Support Integration		
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2016	FY 2017	FY 2018
FY 2016 Accomplishments: Continue to develop and analyze acquisition processes to provide process improvement and efficiencies.					
FY 2017 Plans: Continue to develop and analyze acquisition processes to provide process improvement and efficiencies.					
FY 2018 Plans: Continue to develop and analyze acquisition processes to provide process improvement and efficiencies.					
Title: Technical and Analytical Support			1.910	2.044	3.133
Description: Supports Acquisition Domain-level effort (via the Acquisition Domain Capabilities Integration (ADCI) activities) to integrate existing acquisition business systems/services, data, and process supporting key Acquisition capabilities at the enterprise level. Supports analysis required to architect an integrated environment built on DISA's MilCloud infrastructure supporting the portfolio of acquisition business systems and implements standards for data management and service-oriented design methodology to facilitate efficiency and interoperability. Supports analysis aimed at solving problems across or outside of individual system boundaries with the goal of reducing redundancy, improving systems operations, and improving management of data resulting in dramatically improved transparency, efficiency, and effective management of the Acquisition process. Includes the creation and support of domain-level requirements and governance processes as well as the creation of domain-wide data standards.					
FY 2016 Accomplishments: Continuation of work supporting the automation of key Life Cycle Management Center (LCMC) and Space & Missile Systems Center (SMC) acquisition processes. Includes analytical support, process work, governance, requirements definition, analysis, test & evaluation and configuration control. Continuation of work supporting the onboarding of new capabilities for the Acquisition Workbench/Acquisition Application Store.					
FY 2017 Plans: Continuation of work supporting the automation of key Life Cycle Management Center (LCMC) and Space & Missile Systems Center (SMC) acquisition processes. Continuation of work supporting the onboarding of new capabilities for the Acquisition Workbench/Acquisition Application Store.					
FY 2018 Plans: Continuation of work supporting the automation of key Life Cycle Management Center (LCMC) and Space & Missile Systems Center (SMC) acquisition processes. Continuation of work supporting the onboarding of new capabilities for the Acquisition Workbench/Acquisition Application Store.					
Title: Associated Tool Development			4.008	4.052	3.805

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B. Accomplishments/Planned Programs (\$ in Millions)			FY 2016	FY 2017	FY 2018
<p><b>Description:</b> Upgrade the enterprise tools that assists PMs and acquisition professionals with the day-to-day tasking involved in defining, managing, and reporting health and status information throughout an Acquisition program's lifecycle.</p> <p><b>FY 2016 Accomplishments:</b> Complete creation of an integrated IT operational environment (Acquisition Workbench/Acquisition Application Store) and further develop applications for Acquisition Program Offices. In addition, assess appropriate metrics and alternative tools to enhance data collection and data visibility on all acquisition programs.</p> <p><b>FY 2017 Plans:</b> Continue expansion of the integrated IT operational environment (Acquisition Workbench/Acquisition Application Store) to include additional Acquisition Program Office automation and additional application development. Continue assessment of appropriate tools.</p> <p><b>FY 2018 Plans:</b> Continue expansion of the integrated IT operational environment (Acquisition Application Store) to include additional Acquisition Program Office automation and additional application development. Continue assessment of appropriate tools.</p>					
<p><b>Title:</b> Project Management Resource Tools (PMRT)</p> <p><b>Description:</b> Upgrade enterprise PMRT tools that provide program/project resource management support to the Acquisition community.</p> <p><b>FY 2016 Accomplishments:</b> Development of the capability required to provide enhanced visibility of acquisition program and financial information for all AF Acquisition Investment programs. Continued development of critical PMRT interfaces to include the Defense Enterprise Accounting Management System (DEAMS). Upgrades required to (a) address new CyberSpace security requirements due to increased security threats and (b) implement changes to fix weaknesses in audit controls needed to address financial audit findings and to protect Air Force data. Upgrades to provide additional capability to enable and track Air Force's implementation of initiatives associated with OSD's Better Buying Power (BBP) mandates.</p> <p><b>FY 2017 Plans:</b> Continued enhancement of PMRT to allow increased visibility to acquisition programmatic and financial information for all AF Acquisition Investment programs. Re-engineering and implementation of process improvements in PMRT supporting acquisition reporting. Development of additional acquisition dashboard data visualizations. Migration PMRT to a Core Data Center (CDC) in order to comply with the Federal Data Center Consolidation Initiative (FDCCI).</p> <p><b>FY 2018 Plans:</b></p>			2.988	1.964	1.965

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2016	FY 2017	FY 2018
Continued enhancement of PMRT to allow increased visibility to acquisition programmatic and financial information for all AF Acquisition Investment programs. Re-engineering and implementation of process improvements in PMRT supporting acquisition reporting. Development of additional acquisition dashboard data visualizations. Migration PMRT to a Core Data Center (CDC) in order to comply with the Federal Data Center Consolidation Initiative (FDCCI).				
<b>Title:</b> Capabilities Integration Environment (CIE) <b>Description:</b> Provides a development, testing and integration environment for Information Technology (IT) system development, prototypes and proofs of concept. <b>FY 2016 Accomplishments:</b> Continues a secure, scalable environment to support Research and Development (R&D), Development Test/Operational Test (DT/OT), integration, exercises, experimentation, acquisition development and direct Warfighter support. <b>FY 2017 Plans:</b> Continues a secure, scalable environment to support Research and Development (R&D), Development Test/Operational Test (DT/OT), integration, exercises, experimentation, acquisition development and direct Warfighter support. <b>FY 2018 Plans:</b> Continues a secure, scalable environment to support Research and Development (R&D), Development Test/Operational Test (DT/OT), integration, exercises, experimentation, acquisition development and direct Warfighter support.		1.804	1.805	1.840
<b>Title:</b> Development and Retention <b>Description:</b> Supports activities to develop, manage and retain the acquisition workforce. <b>FY 2016 Accomplishments:</b> Performs activities to develop, manage, and retain the acquisition workforce by providing training on enhanced business and engineering processes that enable the effective management of complex acquisition processes, and allows continued interface with the academic community. <b>FY 2017 Plans:</b> Performs activities to develop, manage, and retain the acquisition workforce by providing training on enhanced business and engineering processes that enable the effective management of complex acquisition processes, and allows continued interface with the academic community. <b>FY 2018 Plans:</b>		0.500	0.500	0.500

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<b>Appropriation/Budget Activity</b> 3600 / 6	<b>R-1 Program Element (Number/Name)</b> PE 0702806F / <i>Acquisition and Management Support</i>	<b>Project (Number/Name)</b> 66ACSI / <i>ACQ and Command Support Integration</i>	
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2016</b>	<b>FY 2017</b>
Performs activities to develop, manage, and retain the acquisition workforce by providing training on enhanced business and engineering processes that enable the effective management of complex acquisition processes, and allows continued interface with the academic community.			
<b>Title:</b> Civilian Pay  <b>Description:</b> This program supports Civilian Full-Time Equivalents (FTEs) to administer Federally Funded Research and Development Center (FFRDC) contracts at the Massachusetts Institute of Technology Lincoln Laboratory (MIT-LL) and the Carnegie Mellon University Software Engineering Institute (CMU-SEI). The FFRDCs enable the Air Force to use private sector resources to accomplish tasks that are integral to Air Force's mission and operation.  <b>FY 2017 Plans:</b> This program supports Civilian Full-Time Equivalents (FTEs) to administer Federally Funded Research and Development Center (FFRDC) contracts at the Massachusetts Institute of Technology Lincoln Laboratory (MIT-LL) and the Carnegie Mellon University Software Engineering Institute (CMU-SEI).		-	2.493
<b>Accomplishments/Planned Programs Subtotals</b>		16.358	14.613
<b>C. Other Program Funding Summary (\$ in Millions)</b>			
N/A			
<b>Remarks</b>			
<b>D. Acquisition Strategy</b>			
N/A			
<b>E. Performance Metrics</b>			
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.			