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Exhibit R-2, RDT&E Budget Item Justification: PB 2020 Air Force										Date: February 2019		
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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	Cost To Complete	Total Cost
Total Program Element	-	14.706	12.367	5.913	0.000	5.913	13.883	18.428	17.225	17.864	0.000	100.386
66ACSI: ACQ and Command Support Integration	-	14.706	12.367	5.913	0.000	5.913	13.883	18.428	17.225	17.864	0.000	100.386

**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 SECDEF 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.

The FY2020 funding request was reduced by \$12.387 million to account for the availability of prior year execution balances.

As directed in the FY 2018 NDAA, Sec 825, amendment to PL 114-92 FY 2016 NDAA, Sec 828 Penalty for Cost Overruns, the FY 2018 Air Force penalty total is \$14.373M. The calculated percentage reduction to each research, development, test and evaluation and procurement account will be allocated proportionally from all programs, projects, or activities under such account.

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.

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B. Program Change Summary (\$ in Millions)	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Previous President's Budget	14.980	12.367	18.300	0.000	18.300
Current President's Budget	14.706	12.367	5.913	0.000	5.913
Total Adjustments	-0.274	0.000	-12.387	0.000	-12.387
• 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	-0.274	0.000			
• Other Adjustments	0.000	0.000	-12.387	0.000	-12.387

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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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	Cost To Complete	Total Cost
66ACSI: ACQ and Command Support Integration	-	14.706	12.367	5.913	0.000	5.913	13.883	18.428	17.225	17.864	0.000	100.386
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 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>
<b>Title:</b> Acquisition Mandates	1.526	0.534	0.649
<b>Description:</b> Supporting Congressional, SECDEF, and SECAF mandates. Program funding provides the framework for Air Force business and acquisition.			
<b>FY 2019 Plans:</b> Continue program management and resources management oversight.			
<b>FY 2020 Plans:</b> Continue program management and resources management oversight.			
<b>FY 2019 to FY 2020 Increase/Decrease Statement:</b> Funding decreased to support other higher priority requirements.			
<b>Title:</b> Performance Measurements	1.937	0.533	0.000
<b>Description:</b> Develops and upgrades performance measures for capability-based planning constructs.			

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2018	FY 2019	FY 2020
FY 2019 Plans: Continue to develop and analyze acquisition processes to provide process improvement and efficiencies.				
FY 2020 Plans: Continue to develop and analyze acquisition processes to provide process improvement and efficiencies.				
FY 2019 to FY 2020 Increase/Decrease Statement: Funding decreased to support other higher priority requirements.				
Title: Technical and Analytical Support  Description: Supports Acquisition Domain-level effort to integrate existing acquisition business systems/services, data, and processes supporting key Acquisition capabilities at the enterprise level (via the Acquisition Domain Capabilities Integration (ADCI) activities). This support entails analysis required to architect an integrated environment on multiple hosting platforms to support the portfolio of acquisition business systems by solving problems across/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. This support also helps implement standards for data management and service-oriented design methodology to facilitate efficiency and interoperability as well as providing some business intelligence services. The creation and support of domain-level requirements and governance processes as well as the creation of domain-wide data standards are additional support items provided.		3.133	1.918	0.100
FY 2019 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 across the Acquisition Domain.				
FY 2020 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 across the Acquisition Domain.				
FY 2019 to FY 2020 Increase/Decrease Statement: Funding decreased to support other higher priority requirements.				
Title: Associated Tool Development		3.805	4.319	0.695

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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>			<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>
<p><b>Description:</b> : Upgrade the enterprise tools that assist PMs and acquisition professionals with the day-to-day program management tasks throughout an Acquisition program's lifecycle. [NOTE: Removed references to "acquisition reporting" as this function lies now primarily with PMRT/CPE.]</p> <p><b>FY 2019 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>FY 2020 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>FY 2019 to FY 2020 Increase/Decrease Statement:</b> Funding decreased to support other higher priority requirements.</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 2019 Plans:</b> Continued enhancement of PMRT to allow increased visibility to acquisition programmatic and financial information for all AF Acquisition Investment programs. Continued expansion of critical PMRT interfaces via the Acquisition Data Service Broker (ADSB). Development of additional PMRT acquisition dashboard data visualizations.</p> <p><b>FY 2020 Plans:</b> Continued enhancement of PMRT to allow increased visibility to acquisition programmatic and financial information for all AF Acquisition Investment programs. Continued expansion of critical PMRT interfaces via the Acquisition Data Service Broker (ADSB). Development of additional PMRT acquisition dashboard data visualizations.</p> <p><b>FY 2019 to FY 2020 Increase/Decrease Statement:</b> Funding decreased to support other higher priority requirements.</p>			1.965	2.446	2.173
<p><b>Title:</b> Capabilities Integration Environment (CIE)</p> <p><b>Description:</b> Provides a development, testing and integration environment for Information Technology (IT) system development, prototypes and proofs of concept.</p>			1.840	2.117	2.096

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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2018</b>	<b>FY 2019</b>
<p><b>FY 2019 Plans:</b> Continues a secure, scalable environment to support Research and Development (R&amp;D), Development Test/Operational Test (DT/OT), integration, exercises, experimentation, acquisition development and direct Warfighter support.</p> <p><b>FY 2020 Plans:</b> Continues a secure, scalable environment to support Research and Development (R&amp;D), Development Test/Operational Test (DT/OT), integration, exercises, experimentation, acquisition development and direct Warfighter support.</p> <p><b>FY 2019 to FY 2020 Increase/Decrease Statement:</b> Funding decreased to support other higher priority requirements.</p>			
<p><b>Title:</b> Development and Retention</p> <p><b>Description:</b> Supports activities to develop, manage and retain the acquisition workforce.</p> <p><b>FY 2019 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.</p> <p><b>FY 2020 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.</p> <p><b>FY 2019 to FY 2020 Increase/Decrease Statement:</b> Funding decreased to support other higher priority requirements.</p>		0.500	0.500
<b>Accomplishments/Planned Programs Subtotals</b>		14.706	12.367
<b>C. Other Program Funding Summary (\$ in Millions)</b>			
N/A			
<b>Remarks</b>			
<b>D. Acquisition Strategy</b>			
N/A			

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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.