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Exhibit R-2, RDT&E Budget Item Justification: PB 2019 Air Force										Date: February 2018		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 6: RDT&E Management Support					R-1 Program Element (Number/Name) PE 0308602F I ENTEPRISE INFORMATION SERVICES (EIS)							
COST (\$ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
Total Program Element	-	4.265	29.049	20.545	0.000	20.545	24.119	10.719	7.843	7.986	Continuing	Continuing
66ACSI: ACQ and Command Support Integration	-	4.265	29.049	20.545	0.000	20.545	24.119	10.719	7.843	7.986	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Enterprise Information Services (EIS) is a portfolio of integrated programs/technologies/services that enables and sustains Air Force Information Management and Knowledge Operations. EIS provides Air Force personnel access to, and management of, timely, accurate, and trusted mission data, information, and knowledge supporting information/decision superiority. The environment will utilize the services provided by the Common Computing Environment (CCE).

CCE provides standardized platforms, common application support services, data center migration strategy, and security services for hosting AF mission applications. This acquisition is critical for multiple hosting environments leveraging DoD Joint Information Environment (JIE) Core Data Centers (CDC), commercial cloud capabilities and DISA brokered cloud capabilities in compliance with the Air Force Information Technology (AF IT) baselines. This effort also provides technical expertise, programmatic guidance, and policy navigation that supports AF approved application rationalization processes to multiple hosting environments and enterprise IT Lifecycle Capabilities Integration Environment (CIE) testing of CCE services.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapons system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program elements 0605826F, 0605827F, 0605828F, 0605829F, 0605830F, 0605831F, 0605832F, 0605898F, and 0605833F.

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 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	
Previous President's Budget	4.410	29.049	20.700	0.000	20.700	
Current President's Budget	4.265	29.049	20.545	0.000	20.545	
Total Adjustments	-0.145	0.000	-0.155	0.000	-0.155	
• 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	-0.145	0.000				
• Other Adjustments	0.000	0.000	-0.155	0.000	-0.155	
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2017	FY 2018	FY 2019
Title: Platform Provisioning / Technical Baseline (TB) Aligned Platform Configuration				0.526	0.526	0.285
Description: This task provides the engineering analysis of the Target Baseline platform configurations leading to development of design patterns and templates to be used at the enterprise level by Air Force Information Technology capabilities. These standards will be developed against multiple hosting environments to include DISA MilCloud, commercial cloud, and Installation Processing Nodes.						
FY 2018 Plans:						
- Continue development of Common Computing Environment (CCE) platforms and services to ensure standardization and compliance across all infrastructure hosting environments						
- Continue providing engineering analysis of applications requiring migration to all infrastructure hosting environments						
FY 2019 Plans:						
- Continue development of CCE platforms and services, compliance across environments and engineering analysis						
FY 2018 to FY 2019 Increase/Decrease Statement:						
Funding decreased because the commercial cloud environment engineering analyses, design patterns and templates will mostly be completed in FY18.						
Title: Managed Service Office (MSO)				2.438	2.419	0.135
Description: This task develops the process flows for engaging mission application program offices, gathering infrastructure requirements and performing engineering analysis to determine optimum hosting platforms for Air Force IT capabilities. This provides the foundation for initial capabilities supporting the JIE stand-up.						

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C. Accomplishments/Planned Programs (\$ in Millions)		FY 2017	FY 2018	FY 2019
FY 2018 Plans: - Provide engineering analysis and support to new applications requiring migration to data centers in compliance with Federal Data Center Consolidation Initiative (FDCCI) mandates - Continue to refine engagement process to provide more efficient application migration support process FY 2019 Plans: - Continue engineering analysis efforts to support application compliance with FDCCI mandates FY 2018 to FY 2019 Increase/Decrease Statement: Funding decreased because the completion of the commercial cloud environment engineering analyses, design patterns and templates, along with completion of the common set of enterprise tools is mostly planned for FY18.				
Title: Enterprise Services Extended to the Commercial Cloud Description: This effort develops the design patterns and templates for taking the standardized platforms and enterprise application support services to commercial cloud environments. As more commercial cloud environments receive certifications for hosting DoD applications, this ensures the proper tools are developed and integrated for use in the commercial cloud environments. FY 2018 Plans: - Provide engineering analysis and support to greater than 100 applications requiring migration to data centers in compliance with Federal Data Center Consolidation Initiative mandates - Refine engagement process to provide more efficient application migration support process - Develop automated platform provisioning tools to be used across multiple infrastructure hosting environments FY 2019 Plans: - Continue to provide application engineering analyses, engagement process and develop automated platform tools FY 2018 to FY 2019 Increase/Decrease Statement: Funding decreased because the application engineering analyses and engagement process will be mostly completed in FY18.		0.500	0.500	0.420
Title: Common Tool Development Description: Develop and deploy a common set of enterprise tools to support application development and testing. These tools allow the Common Computing Environment to provide Test as a Service to mission application development teams; allowing for standardize development and test environments. FY 2018 Plans:		0.801	0.404	0.160

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C. Accomplishments/Planned Programs (\$ in Millions)		FY 2017	FY 2018	FY 2019
<ul style="list-style-type: none"> - Provide engineering analysis and support to greater than 100 applications requiring migration to data centers in compliance with Federal Data Center Consolidation Initiative mandates - Refine engagement process to provide more efficient application migration support process - Develop automated platform provisioning tools to be used across multiple infrastructure hosting environments FY 2019 Plans: <ul style="list-style-type: none"> - Continue engineering and analysis activities to develop and incorporate common test processes FY 2018 to FY 2019 Increase/Decrease Statement: Funding decreased because the common test tool activity will be mostly completed in FY18.				
Title: Enterprise Resource Planning Consolidation Description: Design, develop and deliver consolidated common services for Enterprise Resource Planning applications. Target environments are development, test, production and disaster recovery across at least two geographically separated locations. This effort includes completing cybersecurity requirements and acquisition of supporting hardware, software and management resources. FY 2018 Plans: <ul style="list-style-type: none"> - Provide development, test, production and disaster recovery environments - Continue cybersecurity requirements to be deployment for development/test environments plus begin production/disaster recovery environments - Provide supporting hardware and software plus begin transition of licensing from applications to common service provider FY 2019 Plans: <ul style="list-style-type: none"> - Will continue to provide development, test, production and disaster recovery environments - Will continue cybersecurity requirements and independent testing of services to be deployment for development/test environments and continue production/disaster recovery environments - Will continue to procure supporting hardware and software - Will continue the transition of licensing from applications to common service provider FY 2018 to FY 2019 Increase/Decrease Statement: Funding decreased due to the planned ramping down of work as effort is delivered and transitioned to sustainment.		0.000	25.200	19.545
Accomplishments/Planned Programs Subtotals		4.265	29.049	20.545
D. Other Program Funding Summary (\$ in Millions) N/A				

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D. Other Program Funding Summary (\$ in Millions)		
Remarks		
E. Acquisition Strategy N/A		
F. 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.		