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Exhibit R-2, RDT&E Budget Item Justification: PB 2021 Air Force **Date:** February 2020

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 6: RDT&E Management Support</i>	R-1 Program Element (Number/Name) PE 0308602F / <i>ENTEPRISE INFORMATION SERVICES (EIS)</i>
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COST (\$ in Millions)	Prior Years	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost
Total Program Element	-	17.258	10.628	9.883	0.000	9.883	8.851	9.091	8.484	8.717	Continuing	Continuing
66ACS1: <i>ACQ and Command Support Integration</i>	-	17.258	10.628	9.883	0.000	9.883	8.851	9.091	8.484	8.717	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. EIS utilizes the services provided by Cloud One and Enterprise Resource Planning Common Services (ERP CS)—together, previously known as the Common Computing Environment (CCE).

Cloud One and ERP CS provide common platforms, common application support services, data center migration strategy, and security services for hosting AF mission applications. Cloud One provides AF target environments and cloud migration services for AF mission applications and ERP CS provides the AF target environments for AF ERP 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 services.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver EIS capabilities. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605831F.

This requirement supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

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 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
Previous President's Budget	20.435	17.128	9.700	0.000	9.700
Current President's Budget	17.258	10.628	9.883	0.000	9.883
Total Adjustments	-3.177	-6.500	0.183	0.000	0.183
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	-6.500			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	-2.500	0.000			
• SBIR/STTR Transfer	-0.696	0.000			
• Other Adjustments	0.019	0.000	0.183	0.000	0.183

Change Summary Explanation

FY19 Above Threshold Reprogramming (ATR) of -\$2.5M accomplished toward DoD Commission on AI. FY20 Congressional Mark of -\$6.5M cited "Improving funds management: Forward financed."

C. Accomplishments/Planned Programs (\$ in Millions)	FY 2019	FY 2020	FY 2021
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<p>Title: Platform Provisioning</p> <p>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.</p> <p>FY 2020 Plans: - Continue development of common platforms and services, compliance across environments and engineering analysis.</p> <p>FY 2021 Plans: N/A</p> <p>FY 2020 to FY 2021 Increase/Decrease Statement: N/A</p>	0.240	0.000	0.000
<p>Title: Managed Service Office (MSO)</p>	0.114	0.000	0.000

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C. Accomplishments/Planned Programs (\$ in Millions)		FY 2019	FY 2020	FY 2021
<p>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.</p> <p>FY 2020 Plans: - Continue engineering analysis efforts to support application compliance with Federal Data Center Consolidation Initiative (FDCCI) mandates.</p> <p>FY 2021 Plans: N/A</p> <p>FY 2020 to FY 2021 Increase/Decrease Statement: N/A</p>				
<p>Title: Enterprise Services Extended to the Commercial Cloud</p> <p>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.</p> <p>FY 2020 Plans: - Continue to provide application engineering analyses, engagement process and develop automated platform tools.</p> <p>FY 2021 Plans: N/A</p> <p>FY 2020 to FY 2021 Increase/Decrease Statement: N/A</p>		0.356	0.000	0.000
<p>Title: Common Tool Development</p> <p>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.</p> <p>FY 2020 Plans:</p>		0.135	0.000	0.000

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C. Accomplishments/Planned Programs (\$ in Millions)		FY 2019	FY 2020	FY 2021
- Continue engineering and analysis activities to develop and incorporate common test processes. FY 2021 Plans: N/A FY 2020 to FY 2021 Increase/Decrease Statement: N/A				
Title: Enterprise Resource Planning Consolidation Description: Design, develop and deliver consolidated common services for ERP 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 2020 Plans: - Complete and deploy development, test, production and disaster recovery environments. - Continue cybersecurity requirements and independent testing of services to be deployed for development/test environments and continue production/disaster recovery environments. - Lease supporting hardware and purchase annual software. - Develop architecture for transitioning to future cloud environment. FY 2021 Plans: - Will continue to build out architecture design for moving AF ERPs to a cloud environment. - Will determine baseline and plan for refactoring ERPs to move to a IaaS and SaaS cloud environment. - Will develop a plan alongside ERPs to promote standardization and chart a path to use out-of-the-box software solutions. FY 2020 to FY 2021 Increase/Decrease Statement: - Funding decreased from FY 2020 to FY 2021 due to higher Air Force priorities.		16.413	10.628	9.883
Accomplishments/Planned Programs Subtotals		17.258	10.628	9.883
D. Other Program Funding Summary (\$ in Millions) N/A				
Remarks				
E. Acquisition Strategy N/A				