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Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Air Force **Date:** April 2022

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|---|---|
| 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> |
|---|---|

| COST (\$ in Millions) | Prior Years | FY 2021 | FY 2022 | FY 2023 Base | FY 2023 OCO | FY 2023 Total | FY 2024 | FY 2025 | FY 2026 | FY 2027 | Cost To Complete | Total Cost |
|--|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|------------------|------------|
| Total Program Element | - | 9.561 | 26.720 | 83.231 | 0.000 | 83.231 | 86.530 | 89.938 | 93.004 | 95.977 | 0.000 | 484.961 |
| 66ACS1: <i>ACQ and Command Support Integration</i> | - | 9.561 | 26.720 | 83.231 | 0.000 | 83.231 | 86.530 | 89.938 | 93.004 | 95.977 | 0.000 | 484.961 |
| Quantity of RDT&E Articles | - | - | - | - | - | - | - | - | - | - | - | - |

Note
 In FY 2022, Platform One efforts transferred from PE 0208099F (Unified Platform) to PE 0308602F (Enterprise Information Services) in order to enable program visibility for all parties.

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. Knowledge Operations and Development, Security and Operations (DevSecOps) initiatives. 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 Platform One and Enterprise Resource Planning Common Services (ERP CS).

Platform One and ERP CS provide common platforms, common application support services, data center migration strategy, and security services for hosting AF mission applications. Platform One provides access to existing, accredited and supported DevSecOps infrastructure, to accelerate widespread adoption of DevSecOps methodology IAW DoD Digital Modernization strategy. 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 weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605831F. In FY21 \$0.0M was expended for civilian pay expenses in this program element. In FY22 \$0.0M is forecasted for civilian pay expenses in this program element.

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 2021 | FY 2022 | FY 2023 Base | FY 2023 OCO | FY 2023 Total |
|---|----------------|----------------|---------------------|--------------------|----------------------|
| Previous President's Budget | 9.865 | 28.720 | 0.000 | 0.000 | 0.000 |
| Current President's Budget | 9.561 | 26.720 | 83.231 | 0.000 | 83.231 |
| Total Adjustments | -0.304 | -2.000 | 83.231 | 0.000 | 83.231 |
| • Congressional General Reductions | 0.000 | 0.000 | | | |
| • Congressional Directed Reductions | 0.000 | -2.000 | | | |
| • 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 | -0.304 | 0.000 | | | |
| • Other Adjustments | 0.000 | 0.000 | 83.231 | 0.000 | 83.231 |

Change Summary Explanation

The FY 2022 President's Budget submittal did not reflect FY 2023 through FY 2026 funding. Therefore, an explanation of the change between the two budget positions for FY2023 cannot be made in a relevant manner.

In FY 2022 the Program Element took a \$2M Congressional directed reduction citing "Reduce program growth."

| C. Accomplishments/Planned Programs (\$ in Millions) | FY 2021 | FY 2022 | FY 2023 |
|---|----------------|----------------|----------------|
| Title: Enterprise Resource Planning Consolidation | 9.561 | 8.720 | 9.413 |
| Description: The portfolio aims to provide Joint Information Environment compliant enterprise and/or local application and data hosting. ERP CS costs consist of subject matter expert support, A&AS support, license costs, PMA directorate assessments, cyber security tools/services, system implementer, studies, Platform One costs, independent test services and other miscellaneous costs to successfully manage the program. Design, develop and deliver consolidated common services for ERP applications in a cloud environment under Platform One. Environments targeted for consolidation are development, test, production and disaster recovery across at least two geographically separated locations. This effort includes completing cybersecurity requirements and acquisition of supporting cloud infrastructure, software and management resources. | | | |
| FY 2022 Plans: | | | |
| - Continue to build out architecture design for moving AF ERPs to a cloud environment. | | | |
| - Continue baseline and plan for refactoring ERPs to move to a IaaS and SaaS cloud environment. | | | |
| - Continue plan with ERPs to promote standardization and chart a path to use out-of-the-box software solutions. | | | |
| - Continue providing common tools and services for the ERPs. | | | |

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| C. Accomplishments/Planned Programs (\$ in Millions) | | FY 2021 | FY 2022 | FY 2023 |
| <p>- Continue cloud studies and cloud development for the three ERP programs, DEAMS, AFIPPS and MROi.</p> <p>FY 2023 Plans:</p> <ul style="list-style-type: none"> - Will provide access to modernized, standard, secure, and resilient IT infrastructure and platforms to support application workload and data storage. - Will provide access to commercial cloud offerings, and IT service support maximizing use of shared services and industry best practices. - Will improve Systems Agility, deliver Shared Services, increase Speed of Delivery, and improve Security. - Will baseline and plan for refactoring ERPs to move to an IaaS and SaaS cloud environment. - Will continue plan with ERPs to promote standardization and chart a path to use out-of-the-box software solutions. - Will continue providing common tools and services for the ERPs. - Will continue cloud studies and cloud development for the three ERP programs: DEAMS, AFIPPS, and MROi. <p>FY 2022 to FY 2023 Increase/Decrease Statement: Funding will support additional capabilities and improvements in FY23.</p> | | | | |
| <p>Title: Platform One</p> <p>Description: Platform One is the DoD CIO's preferred DevSecOps enterprise solution delivering full stack automation tools, services, and standards as-a-service. Platform One allows programs developing and/or delivering software to focus on building flexible and interoperable mission capability rapidly and securely.</p> <p>FY 2022 Plans:</p> <ul style="list-style-type: none"> - Continue DevSecOps enablement efforts supporting DoD CIO priorities - Continue development and delivery of DevSecOps tools and services supporting enterprise transform of software capabilities to match the speed of technology and threats - Continue integration and evolution of enterprise zero trust architecture to provide secure and resilient DevSecOps from development to edge employment <p>FY 2023 Plans: FY23 centrally funds core services, including but not limited to: ZeroTrust Cloud Native Access Point for development, test and production enclaves; software hardening pipeline and repository dedicated to software Supply Chain Risk Reduction (SCRM) and Software Bill of Materials (SBOM) for Commercial and Open Source software; Infrastructure as Code (IaC) tailorable to a program's needs and deployable to unclassified and classified cloud or on-premise environments. This infrastructure comes with a continuous-Authority to Operate/Field (c-ATO/F) addressing the Risk Management Framework (RMF). Platform One capability enables continuous delivery of software capabilities through the use of secure, tailorable and agile software factory services, tools and standards.</p> | | 0.000 | 18.000 | 73.818 |

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|--|---|

| C. Accomplishments/Planned Programs (\$ in Millions) | FY 2021 | FY 2022 | FY 2023 |
|--|----------------|----------------|----------------|
| <ul style="list-style-type: none"> - Will continue DevSecOps enablement efforts supporting DoD CIO priorities - Will continue development and delivery of DevSecOps tools and services supporting enterprise transform of software capabilities to match the speed of technology and threats - Will continue integration and evolution of enterprise zero trust architecture to provide secure and resilient DevSecOps from development to edge employment - Will expand container hardening capability to higher impact levels and enhance supply chain risk mitigation of commercial and open source products. <p><i>FY 2022 to FY 2023 Increase/Decrease Statement:</i> Increased funding due to AF-wide adoption of Platform One as the preferred DevSecOps capability. FY23 funding brings stability to P1's core development and core services, including necessary P1 operating and facility costs, accrediting and deploying new and updated features for software developers and end-users, user authentication, connection to cloud services, DoD-wide accreditation and reciprocity, and customer training to build and accredit their own software. Increased funding ensures Platform One can provide reliable, secure, and interoperable DevSecOps services and allows cost savings through enterprise purchases.</p> | | | |
| Accomplishments/Planned Programs Subtotals | 9.561 | 26.720 | 83.231 |

D. Other Program Funding Summary (\$ in Millions)
N/A

Remarks

E. Acquisition Strategy
N/A