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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2025 Defense Contract Audit Agency **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 4: Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0300206R / <i>Enterprise Information Technology Systems</i>
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COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
Total Program Element	2.474	2.623	2.156	2.162	-	2.162	2.164	2.166	2.169	2.375	Continuing	Continuing
000001: <i>Enterprise Information Technology System</i>	2.474	2.623	2.156	2.162	-	2.162	2.164	2.166	2.169	2.375	Continuing	Continuing

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

Funding is required for the development of a prototype cloud-based solution aimed at streamlining audit processes. We have identified audit processes that are time-consuming and error prone, often leading to delays and inefficiencies. By leveraging the power of Artificial Intelligence and Machine Learning (AI/ML), we plan to prototype solutions to significantly improve audit workflows, enhance accuracy, and streamline the processes. These prototypes will be evaluated for potential as a reference architecture for use in the production environment.

- Lead the development and testing of AI/ML prototypes in DoD Azure cloud leveraging cloud based technologies and capabilities
- Deploy the prototypes in DoD Azure Cloud environment for test and evaluation
- Conduct unit, system, user acceptance, and other software testing in order to ensure functionality meets required specifications

<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
Previous President's Budget	2.623	2.156	2.158	-	2.158
Current President's Budget	2.623	2.156	2.162	-	2.162
Total Adjustments	0.000	0.000	0.004	-	0.004
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Non-Pay, Non-Fuel Inflation	-	-	0.004	-	0.004

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Defense Contract Audit Agency										<b>Date:</b> March 2024		
<b>Appropriation/Budget Activity</b> 0400 / 4					<b>R-1 Program Element (Number/Name)</b> PE 0300206R / <i>Enterprise Information Technology Systems</i>				<b>Project (Number/Name)</b> 000001 / <i>Enterprise Information Technology System</i>			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
000001: <i>Enterprise Information Technology System</i>	2.474	2.623	2.156	2.162	-	2.162	2.164	2.166	2.169	2.375	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

Funding is required for the development of a prototype cloud-based solution aimed at streamlining audit processes. We have identified audit processes that are time-consuming and error prone, often leading to delays and inefficiencies. By leveraging the power of Artificial Intelligence and Machine Learning (AI/ML), we plan to prototype solutions to significantly improve audit workflows, enhance accuracy, and streamline the processes. These prototypes will be evaluated for potential as a reference architecture for use in the production environment.

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

	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<b>Title:</b> Enterprise Information Technology System	2.623	2.156	2.162
<b>Description:</b> - Lead the development of a prototype cloud-based solution aimed at streamlining audit processes. Lead the development and testing of AI/ML prototypes in DoD Azure cloud leveraging cloud based technologies and capabilities - Deploy the prototypes in DoD Azure Cloud environment for test and evaluation - Conduct unit, system, user acceptance, and other software testing in order to ensure functionality meets required specifications			
<b>FY 2024 Plans:</b> - Continue to refine capabilities and requirements of prototypes - Continue development and testing of prototypes - Improve reference architecture for use in production systems			
<b>FY 2025 Plans:</b> - Continue to refine capabilities and requirements of prototypes - Continue development and testing of prototypes - Improve reference architecture for use in production systems			
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> The decrease is related to a reduction in cost needed as the software development gradually transitions to operations and sustainment.			
<b>Accomplishments/Planned Programs Subtotals</b>	2.623	2.156	2.162

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<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0300206R / <i>Enterprise Information Technology Systems</i>	<b>Project (Number/Name)</b> 000001 / <i>Enterprise Information Technology System</i>

**C. Other Program Funding Summary (\$ in Millions)**

N/A

**Remarks**

**D. Acquisition Strategy**

N/A



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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2025 Defense Contract Audit Agency		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0300206R / <i>Enterprise Information Technology Systems</i>	<b>Project (Number/Name)</b> 000001 / <i>Enterprise Information Technology System</i>

FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				FY 2022			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4

<b>Software Development</b>	
Software Development	

FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4

<b>Software Development</b>	
Software Development	

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2025 Defense Contract Audit Agency		<b>Date:</b> March 2024
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>Software Development</b>				
Software Development	1	2019	4	2029