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Exhibit R-2, RDT&E Budget Item Justification: PB 2024 Office of the Secretary Of Defense **Date:** March 2023

Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide I BA 8: Software and Digital Technology Pilot Programs</i>	R-1 Program Element (Number/Name) PE 0608648D8Z I <i>Acquisition Visibility - Software Pilot Program</i>
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COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
Total Program Element	16.220	17.537	15.758	21.355	-	21.355	21.711	21.771	21.897	22.351	Continuing	Continuing
059: <i>Acquisition Visibility</i>	16.220	17.537	15.758	21.355	-	21.355	21.711	21.771	21.897	22.351	Continuing	Continuing

Note

New Start (Y/N): No

A. Mission Description and Budget Item Justification

The Acquisition Visibility (AV) investment funds an agile software program to deliver the Department’s authoritative acquisition data through NIPR and SIPR instances of the Defense Acquisition Visibility Environment (DAVE), provide data access and standards via the Acquisition Visibility Data Framework (AVDF), and accelerate the retirement of costly legacy systems. AV is an authoritative source for acquisition data inside the DoD and for Congress, GAO, and the Inspectors General for multiple Adaptive Acquisition Framework (AAF) Acquisition Pathways including all Acquisition Category (ACAT) I – IV programs, Middle Tier of Acquisition programs, as well as National Command, Control, and Communications covered programs. Planned efforts include support to the acquisition data strategy requirements of Section 836 of the National Defense Authorization Act (NDAA) for FY 2021 and data collection and sharing for additional AAF Pathways, to include Defense Business Systems and Software Acquisition. Multiple acquisition data collection and analysis platforms rely on AV Capabilities for authoritative acquisition data, including but not limited to: OSD Comptroller Advanced Analytics (ADVANA), OSD Cost Analysis and Program Evaluation (CAPE) Cost Assessment Data Enterprise, Air Force and Army Program Metrics and Reporting Tools, Navy Research, Development and Acquisition Information System, and the Earned Value Management Central Repository.

The Acquisition Visibility mission is expanding to enable integration and interoperability of acquisition, building an enduring strategic mission advantage by aligning the Department’s processes to design, develop, and deliver the acquisition data and analytics capabilities to enable USD(A&S) to meet the Digital Acquisition & Sustainment and Transparency objectives of the Department and the requirements of Congress. Comprehensive digital acquisition, analytics, and increased data transparency and access will improve acquisition decisions, enable sophisticated analysis, and inform innovative ways of doing business so that OUSD(A&S), the OSD staff, and the Services and Components can quickly inform policy and budget decisions with accurate, authoritative data. The increase implements Section 836 of the NDAA for FY 2021 and Sections 805 and 821 of the NDAA for FY 2022 to modernize acquisition decision making.

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B. Program Change Summary (\$ in Millions)	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Previous President's Budget	18.204	17.123	16.543	-	16.543
Current President's Budget	17.537	15.758	21.355	-	21.355
Total Adjustments	-0.667	-1.365	4.812	-	4.812
• Congressional General Reductions	-	-1.365			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Adjustments	-0.667	-	4.812	-	4.812

Change Summary Explanation

The FY 2024 increase supports the investment in additional acquisition data governance and data analytics capabilities developed to enable acquisition integration and interoperability:

- o Data Transparency (\$1.09M): Govern acquisition and sustainment data to manage the timely sharing of data to support NDS and statutory A&S requirements, including the DepSecDef Management Action Group, Interim Program Reviews, Integrated Acquisition Portfolio Reviews, and Department-wide initiatives supported through Advana.
- o Data Capture & Sharing (\$2.36M): Expand existing acquisition data capabilities, tools, data models, and definitions to enhance transparency across all acquisition pathways and Component acquisition and sustainment data activities.
- o Data Analytics (\$0.79M): Respond to strategic questions across OUSD(A&S) to fulfill enterprise data requirements.
- o Data Analysis (\$0.57M): Assess and report on the performance of the acquisition system to inform policy and strategic decision-making including Defense Acquisition Executive Summary Reviews of Major Capabilities, IAPRs, and Services Requirements Review Boards.

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Exhibit R-2A, RDT&E Project Justification: PB 2024 Office of the Secretary Of Defense **Date:** March 2023

Appropriation/Budget Activity 0400 / 8	R-1 Program Element (Number/Name) PE 0608648D8Z / <i>Acquisition Visibility - Software Pilot Program</i>	Project (Number/Name) 059 / <i>Acquisition Visibility</i>
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COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
<i>059: Acquisition Visibility</i>	16.220	17.537	15.758	21.355	-	21.355	21.711	21.771	21.897	22.351	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

New start (Y/N): No

A. Mission Description and Budget Item Justification

The AV investment funds an agile software program to deliver the Department’s authoritative acquisition data through NIPR and SIPR instances of the Defense Acquisition Visibility Environment (DAVE), provide data access and standards via the Acquisition Visibility Data Framework (AVDF), and accelerate the retirement of costly legacy systems. AV is an authoritative source for acquisition data inside the DoD and for Congress, GAO, and the Inspectors General for multiple Adaptive Acquisition Framework (AAF) Acquisition Pathways including all Acquisition Category (ACAT) I – IV programs, Middle Tier of Acquisition programs, as well as National Command, Control, and Communications covered programs. Planned efforts include support to the acquisition data strategy requirements of Section 836 of the NDAA for FY 2021 and data collection and sharing for additional AAF Pathways, to include Defense Business Systems and Software Acquisition. Multiple acquisition data collection and analysis platforms rely on AV Capabilities for authoritative acquisition data, including but not limited to: OSD Comptroller Advanced Analytics (ADVANA), OSD Cost Analysis and Program Evaluation (CAPE) Cost Assessment Data Enterprise, Air Force and Army Program Metrics and Reporting Tools, Navy Research, Development and Acquisition Information System, and the Earned Value Management Central Repository.

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

	FY 2022	FY 2023	FY 2024
Title: Acquisition Visibility Operation & Maintenance Efforts	5.162	7.968	8.156
<p>Description: Acquisition Visibility delivers authoritative, reliable acquisition data to Congress and the Department to enable statutory reporting, executive decision making, and portfolio insight on over \$2 trillion in lifecycle funding across approximately 100 active ACAT I programs, as well as approximately 1,000 Acquisition Category (ACAT) II, III, and IV programs, National Command, Control, and Communications covered programs, and 90 Middle Tier of Acquisition (MTA) programs. Acquisition Framework; and 3) support the acquisition data requirements of Section 836 of the NDAA for FY 2021.</p> <p>FY 2023 Plans:</p> <ul style="list-style-type: none"> • Develop, test, and deploy DAVE system performance and align data collection to law and policy for the AAF. • Provide acquisition data analyses and visualizations. • Maintain the Acquisition Information Repository. • Align the Acquisition Visibility Data Framework to reflect evolving AAF data requirements. <p>FY 2024 Plans:</p> <ul style="list-style-type: none"> • Develop, test, and deploy DAVE system performance and align data collection to law and policy for the AAF. 			

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2022	FY 2023	FY 2024
<ul style="list-style-type: none"> •Provide acquisition data analyses and visualizations. •Maintain the Acquisition Information Repository. •Align the Acquisition Visibility Data Framework to reflect evolving AAF data requirements. <p>FY 2023 to FY 2024 Increase/Decrease Statement: FY 2024 increase of \$0.188M due fact-of-life contract cost increases.</p> <p>Title: Acquisition Visibility RDT&E Efforts</p> <p>Description: As a BA-08 program, Acquisition Visibility's RDT&E-related investments develop and enhance software capabilities to enhance program and portfolio insight of the Department's acquisition programs for the Defense Acquisition Executive (DAE), Component Acquisition Executives (CAEs), Service Chiefs of Staff, Office of the Secretary of Defense (OSD) senior leaders, and OSD and Component analysts. The Defense Acquisition Visibility Environment (DAVE) is an authoritative source for acquisition data inside the DoD and for the Congress, GAO, and the Inspectors General for multiple Adaptive Acquisition Framework (AAF) Acquisition Pathways including all Acquisition Category (ACAT) I – IV programs, and Middle Tier of Acquisition programs with data for additional AAF pathway data in requirements planning.</p> <p>FY 2023 Plans:</p> <ul style="list-style-type: none"> • Manage features and capabilities for additional AAF Pathways. • Continue expansion of a mature DAVE data sharing with existing and new OSD and component acquisition data platforms. <p>FY 2024 Plans:</p> <ul style="list-style-type: none"> •Manage features and capabilities for additional AAF Pathways. •Identify, define, and document new acquisition data elements to support integration and interoperability, and sustainment •Deliver additional data analyses and visualizations that enhance integration and interoperability. •Deliver a Digital/ Automated DAES Data Collection & Analysis Capability •Deliver new digital congressional and department wide data to support the DAE and statutory requirements <p>FY 2023 to FY 2024 Increase/Decrease Statement: The FY 2024 increase supports the investment in additional acquisition data governance and data analytics capabilities developed to enable acquisition integration and interoperability:</p> <ul style="list-style-type: none"> o Data Transparency (\$1.09M): Govern acquisition and sustainment data to manage the timely sharing of data to support NDS and statutory A&S requirements, including the DepSecDef Management Action Group, Interim Program Reviews, Integrated Acquisition Portfolio Reviews, and Department-wide initiatives supported through Advana. o Data Capture & Sharing (\$2.36M): Expand existing acquisition data capabilities, tools, data models, and definitions to enhance transparency across all acquisition pathways and Component acquisition and sustainment data activities. o Data Analytics (\$0.79M): Respond to strategic questions across OUSD(A&S) to fulfill enterprise data requirements. 		12.375	7.790	13.199

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B. Accomplishments/Planned Programs (\$ in Millions)	FY 2022	FY 2023	FY 2024
o Data Analysis (\$0.57M): Assess and report on the performance of the acquisition system to inform policy and strategic decision-making including Defense Acquisition Executive Summary Reviews of Major Capabilities, IAPRs, and Services Requirements Review Boards.			
Accomplishments/Planned Programs Subtotals	17.537	15.758	21.355

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

N/A

Remarks

D. Acquisition Strategy

Capability development and sustainment is acquired through a combination of competed small-disadvantaged and small business contracts employing agile software development methodologies.

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Exhibit R-4, RDT&E Schedule Profile: PB 2024 Office of the Secretary Of Defense **Date:** March 2023

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	FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028			
	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

DAVE Sustainment and Enhancement	
APB MVP	
SIPR Analytic Layer	
Legacy Application Transition to DAVE	
DAVE Enhancement Prototyping	
SIPR DAVE Enhancement Prototyping	
Acquisition Integration and Interoperability Data Analytics Capability Delivery	

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Exhibit R-4A, RDT&E Schedule Details: PB 2024 Office of the Secretary Of Defense		Date: March 2023
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>DAVE Sustainment and Enhancement</i>				
APB MVP	1	2023	4	2023
SIPR Analytic Layer	1	2023	3	2023
Legacy Application Transition to DAVE	1	2022	1	2026
DAVE Enhancement Prototyping	1	2022	4	2028
SIPR DAVE Enhancement Prototyping	1	2022	4	2028
Acquisition Integration and Interoperability Data Analytics Capability Delivery	2	2024	4	2028