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Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Office of the Secretary Of Defense **Date:** April 2022

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 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	0.000	16.220	18.204	17.123	-	17.123	16.543	16.797	16.741	16.756	Continuing	Continuing
059: <i>Acquisition Visibility</i>	0.000	16.220	18.204	17.123	-	17.123	16.543	16.797	16.741	16.756	Continuing	Continuing

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. Program Change Summary (\$ in Millions)	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
Previous President's Budget	16.838	18.307	0.000	-	0.000
Current President's Budget	16.220	18.204	17.123	-	17.123
Total Adjustments	-0.618	-0.103	17.123	-	17.123
• Congressional General Reductions	-	-0.103			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.618	-			
• Adjustments to Budget Year	-	-	17.123	-	17.123

Change Summary Explanation

FY 2023 funding increase reflects the fact that the FY 2022 President's Budget request did not include out-year funding.

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Office of the Secretary Of Defense **Date:** April 2022

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 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
059: <i>Acquisition Visibility</i>	0.000	16.220	18.204	17.123	-	17.123	16.543	16.797	16.741	16.756	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 2021	FY 2022	FY 2023
Title: Acquisition Visibility Operation & Maintenance Efforts	6.262	5.162	8.650
<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 2022 Plans:</p> <ul style="list-style-type: none"> • Upgrade DAVE system performance and align data collection to current law and policy for the AAF. • Provide acquisition data analyses and visualizations. • Maintain and enhance AIR. • Align the Acquisition Visibility Data Framework to reflect evolving AAF data requirements. • Support Section 836 of the NDAA for FY 2021 data strategy implementation. <p>FY 2023 Plans:</p>			

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2021	FY 2022	FY 2023
<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 2022 to FY 2023 Increase/Decrease Statement: FY 2022 to FY 2023 increase reflects additional sustainment costs of the DAVE capability as new modules are delivered.</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 2022 Plans:</p> <ul style="list-style-type: none"> • Develop, test, and deploy new features and capabilities for additional AAF Pathways and the data needs requirements of Section 836. • Expand/mature DAVE data sharing with existing and new OSD and component acquisition data platforms. • Complete AVDF expansion as the official common, governed data framework for the AAF. <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 2022 to FY 2023 Increase/Decrease Statement: Aqn Viz O&M efforts are increasing from \$5.162 to \$8.65 and Aqn Viz RDT&E efforts are decreasing from \$13.042 to \$8.473 due to a transition of delivered capabilities from development to sustainment. Then note the net decrease from 18.204 to 17.123 reflects an A&S leadership decision.</p>		9.958	13.042	8.473
Accomplishments/Planned Programs Subtotals		16.220	18.204	17.123
C. Other Program Funding Summary (\$ in Millions)				
N/A				

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

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 2023 Office of the Secretary Of Defense **Date:** April 2022

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	FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027			
	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																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2023 Office of the Secretary Of Defense		Date: April 2022
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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	2027
SIPR DAVE Enhancement Prototyping	1	2022	4	2027