

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Office of the Secretary Of Defense **Date:** May 2021

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>
--	--

COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
Total Program Element	0.000	0.000	16.838	18.307	-	18.307	-	-	-	-	Continuing	Continuing
059: <i>Acquisition Visibility</i>	0.000	0.000	16.838	18.307	-	18.307	-	-	-	-	Continuing	Continuing

Note

This program is not a new start. Acquisition Visibility (AV) is a Software Pilot Program under the new BA 8 authority approved for FY 2021 and beyond. FY 2020 and prior years were funded under PE 0603821D8Z (RDT&E) and PE 0903399D8Z (O&M).

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, and National Command, Control, and Communications covered programs. Planned efforts include support to the acquisition data strategy requirements of FY 2021 NDAA Section 836 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 systems for authoritative acquisition data, including but not limited to: OSD Comptroller Advanced Analytics (ADVANA), Air Force and Army Program Metrics and Reporting Tool, Navy Research, Development and Acquisition Information System, and the Earned Value Management Central Repository.

B. Program Change Summary (\$ in Millions)

	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022 Base</u>	<u>FY 2022 OCO</u>	<u>FY 2022 Total</u>
Previous President's Budget	0.000	16.848	17.150	-	17.150
Current President's Budget	0.000	16.838	18.307	-	18.307
Total Adjustments	0.000	-0.010	1.157	-	1.157
• Congressional General Reductions	-	-0.010			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Adjustments	-	-	1.157	-	1.157

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Office of the Secretary Of Defense **Date:** May 2021

Appropriation/Budget Activity
0400: *Research, Development, Test & Evaluation, Defense-Wide I BA 8: Software and Digital Technology Pilot Programs*

R-1 Program Element (Number/Name)
PE 0608648D8Z I *Acquisition Visibility - Software Pilot Program*

Change Summary Explanation

The upward program adjustment in FY 2022 supports: 1) costs associated with the accelerated development and deployment of DAVE to facilitate the retirement of legacy capabilities; 2) the expanded development of AV Capabilities to support the acquisition data requirements of multiple Acquisition Pathways of the Adaptive Acquisition Framework; and 3) the acquisition data requirements of FY 2021 NDAA Section 836.

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2022 Office of the Secretary Of Defense **Date:** May 2021

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>
--	--	---

COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
059: <i>Acquisition Visibility</i>	0.000	0.000	16.838	18.307	-	18.307	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Acquisition Visibility delivers authoritative, reliable acquisition data to Congress and the Department to enable statutory reporting, executive decision making, and portfolio insight on almost \$2 trillion in lifecycle funding across ~100 ACAT I, ~2,500 Acquisition Category (ACAT) II, III, and IV programs, National Command, Control, and Communications covered programs, and approximately 75 Middle Tier of Acquisition (MTA) programs. The \$1.157 million total program increase in FY 2022 supports: 1) costs associated with the accelerated development and deployment of DAVE to facilitate the retirement of legacy capabilities; 2) the expanded development of AV Capabilities to support the acquisition data requirements of multiple Acquisition Pathways of the Adaptive Acquisition Framework; and 3) support the acquisition data requirements of FY 2021 NDAA Section 836.

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

	FY 2020	FY 2021	FY 2022
<p>Title: Acquisition Visibility Operation & Maintenance Efforts</p> <p>Description: As a BA-08 program, Acquisition Visibility O&M-related investments enhance insight into to the Department's acquisition programs and portfolios 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 by providing acquisition data science and analytics, maintaining the Acquisition Visibility Data Framework (AVDF) and expanding the AVDF to include multiple Adaptive Acquisition Framework Pathways, and maintaining the Acquisition Information Repository (AIR) and Defense Acquisition Management Information and Retrieval (DAMIR) legacy systems.</p> <p>FY 2021 Plans:</p> <ul style="list-style-type: none"> • Provide acquisition data analyses and visualizations. • Maintain and enhance AVDF to include multiple AAF Pathways. • Maintain AIR. • Prepare DAMIR to transition to DAVE. <p>FY 2022 Plans:</p> <ul style="list-style-type: none"> • Complete the transition from the legacy DAMIR to DAVE. • Archive Major Capability Program data from DAMIR. • Provide acquisition data analyses and visualizations. • Maintain and enhance AIR. • Expand the Acquisition Data Framework to include data for additional AAF pathways. 	-	6.262	5.162

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2022 Office of the Secretary Of Defense		Date: May 2021		
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>		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2020	FY 2021	FY 2022
<ul style="list-style-type: none"> Support FY 2021 NDAA Section 836 data strategy development and analysis. <p><i>FY 2021 to FY 2022 Increase/Decrease Statement:</i> The downward adjustment for FY 2022 represents savings obtained by the retirement of the legacy DAMIR system. O&M costs are decreasing as DAMIR begins transition of its functionality to DAVE.</p> <p><i>Title:</i> Acquisition Visibility RDT&E Efforts</p> <p><i>Description:</i> 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, Middle Tier of Acquisition programs, and National Command, Control, and Communications covered programs.</p> <p><i>FY 2021 Plans:</i></p> <ul style="list-style-type: none"> Continue development and testing to enable the Minimally Viable DAVE to assume the legacy DAMIR system's critical functions. Sustain and enhance DAVE capabilities. <p><i>FY 2022 Plans:</i></p> <ul style="list-style-type: none"> Enhance DAVE data sharing with OSD Comptroller Advanced Analytics (ADVANA), Air Force and Army Program Metrics and Reporting Tool, Navy Research, Development and Acquisition Information System, and the OSD Earned Value Management Central Repository. Complete the transition from the legacy DAMIR system to DAVE. Develop, test, and deploy new features and capabilities for additional AAF Pathways and the data needs of FY 2021 NDAA Section 836. <p><i>FY 2021 to FY 2022 Increase/Decrease Statement:</i> The upward adjustment for FY 2022 supports: 1) costs associated with the accelerated development and deployment of DAVE to facilitate the retirement of legacy capabilities; 2) the expanded development of AV Capabilities to support the acquisition data requirements of multiple Acquisition Pathways of the Adaptive Acquisition Framework; 3) the acquisition data requirements of FY 2021 NDAA Section 836, and 4) fact of life costs related to contract cost escalation. Net total program upward adjustment after re-investing DAMIR transition savings is \$1.157 million.</p>		0.000	10.576	13.145
Accomplishments/Planned Programs Subtotals		0.000	16.838	18.307

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2022 Office of the Secretary Of Defense		Date: May 2021
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>

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

N/A

Remarks

D. Acquisition Strategy

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