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Exhibit R-2, RDT&E Budget Item Justification: PB 2020 Office of the Secretary Of Defense **Date:** February 2019

Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide I BA 4: Advanced Component Development & Prototypes (ACD&P)</i>	R-1 Program Element (Number/Name) PE 0603821D8Z I <i>Acquisition Enterprise Data & Information Services</i>
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COST (\$ in Millions)	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	Cost To Complete	Total Cost
Total Program Element	1.761	2.194	2.500	5.659	-	5.659	6.527	6.626	5.883	5.372	Continuing	Continuing
840: <i>Acquisition Enterprise Data & Information Services</i>	1.761	2.194	2.500	5.659	-	5.659	6.527	6.626	5.883	5.372	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Acquisition Enterprise Data & Information Services (AEDIS) investment supports enhanced Acquisition Visibility (AV) for the Defense Acquisition Executive (DAE), Component Acquisition Executives (CAE), Service Chiefs of Staff, OSD senior leaders, and OSD and Component analysts who assess and decide the efficiency and effectiveness of acquiring and sustaining the Department's acquisition programs including Major Defense Acquisition Programs (MDAPs), Major IT investments, and Acquisition Category (ACAT) II – IV programs. AEDIS/AV supports DAE, CAE, and Service Chief responsibilities by providing critical information for acquisition analysis, oversight, and decisions. AEDIS/AV institutionalizes the management of data and business rules used in the Department's acquisition decision making, and it integrates the acquisition data stored across multiple disparate Federal and Departmental organizations' data sets and systems. The AEDIS/AV investment delivers a Department-wide accessible collection of acquisition information, techniques, and tools, including the Defense Acquisition Visibility Environment (DAVE), the Defense Acquisition Management Information Retrieval (DAMIR) capability, and acquisition data analysis capabilities as well as data access services and data standards via the Acquisition Visibility Data Matrix (AVDM). Funding supports enhancements to Acquisition Visibility through the definition, development, and fielding of concepts and tools for Department-wide data analysis for use across Congress and the Department, particularly in support of the DAE and his decision authority.

B. Program Change Summary (\$ in Millions)	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Previous President's Budget	2.198	2.506	5.871	-	5.871
Current President's Budget	2.194	2.500	5.659	-	5.659
Total Adjustments	-0.004	-0.006	-0.212	-	-0.212
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-0.006			
• SBIR/STTR Transfer	-	-			
• Programming	-	-	-0.212	-	-0.212
• FFRDC	-0.004	-	-	-	-

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Change Summary Explanation

FY19 reduction from FY18 PB due to anticipated lower inflationary pressures on software licensing required to maintain Acquisition Enterprise Data & Information Services related capabilities.

Program increase supports development and prototyping of additional new capabilities to manage and measure Major Defense Acquisition Program ACAT II and III program data, Nuclear Command, Control, and Communications program data, and Middle Tier of Acquisition program data.

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

	FY 2018	FY 2019	FY 2020
Title: Acquisition Enterprise Data & Information Services	2.194	2.500	5.659
Description: Acquisition Enterprise Data & Information Services investments enhance the visibility of the Department's acquisition programs for the Defense Acquisition Executive (DAE), Component Acquisition Executives (CAE), Service Chiefs of Staff, OSD senior leaders, and OSD and Component analysts.			
FY 2019 Plans: FY2019 plans include continued development and prototyping of legacy capabilities transitioning to Defense Acquisition Visibility Environment (DAVE), as well as development and prototyping of new acquisition visibility capabilities and applications to improve analysis and decision-making, including Mid-Tier Acquisition and Nuclear Command Control capabilities.			
FY 2020 Plans: FY2020 plans include continued development and prototyping of legacy capabilities transitioning to Defense Acquisition Visibility Environment (DAVE), as well as development and prototyping of new acquisition visibility capabilities and applications to improve analysis and decision-making.			
FY 2019 to FY 2020 Increase/Decrease Statement: FY20 increase to support expanded acquisition data analytics capabilities, increase the development velocity of the Defense Acquisition Visibility Environment, and prototype new capabilities to enhance oversight of Mid-Tier Acquisitions and Nuclear Communications, Command, and Control programs.			
Accomplishments/Planned Programs Subtotals	2.194	2.500	5.659

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

N/A

Remarks

E. Acquisition Strategy

Acquisition Enterprise Data & Information Services development and prototyping is acquired through a combination of small-disadvantaged business contract awards.

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Appropriation/Budget Activity
0400: *Research, Development, Test & Evaluation, Defense-Wide I BA 4:*
Advanced Component Development & Prototypes (ACD&P)

R-1 Program Element (Number/Name)
PE 0603821D8Z *I Acquisition Enterprise Data & Information Services*

F. Performance Metrics

Code coverage reports must demonstrate a minimum of 80% code coverage for automated testing.
Delivered capabilities must not exceed 0.5% unscheduled down time annually.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2020 Office of the Secretary Of Defense **Date:** February 2019

Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0603821D8Z / <i>Acquisition Enterprise Data & Information Services</i>	Project (Number/Name) 840 / <i>Acquisition Enterprise Data & Information Services</i>
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Product Development (\$ in Millions)				FY 2018		FY 2019		FY 2020 Base		FY 2020 OCO		FY 2020 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
DAVE Development	Option/ FFP	Koniag Information Security Services : Chantilly, VA	1.761	2.194	Jul 2018	2.500	Jul 2019	5.659		-		5.659	Continuing	Continuing	N/A
Subtotal			1.761	2.194		2.500		5.659		-		5.659	Continuing	Continuing	N/A
Project Cost Totals			1.761	2.194		2.500		5.659		-		5.659	Continuing	Continuing	N/A

Remarks
NA

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Exhibit R-4, RDT&E Schedule Profile: PB 2020 Office of the Secretary Of Defense **Date:** February 2019

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FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017			
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

<i>Defense Acquisition Visibility Environment (DAVE) Development</i>	
Program List Capability Development	
Program Information Capability Development	
Program Schedule Capability Development	
Business Intelligence & Analytics Development	
DAVE Operational Capability	█
DAMIR Transition to DAVE	██████████
SIPR DAVE Development and Deployment	
Legacy Application Transition to DAVE	
DAVE Enhancement Prototyping	
SIPR DAVE Enhancement Prototyping	

FY 2018				FY 2019				FY 2020				FY 2021				FY 2022				FY 2023				FY 2024			
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

<i>Defense Acquisition Visibility Environment (DAVE) Development</i>	
Program List Capability Development	██████████
Program Information Capability Development	██████████
Program Schedule Capability Development	██████████
Business Intelligence & Analytics Development	██████
DAVE Operational Capability	██████████
DAMIR Transition to DAVE	██████████

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Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0603821D8Z / <i>Acquisition Enterprise Data & Information Services</i>	Project (Number/Name) 840 / <i>Acquisition Enterprise Data & Information Services</i>
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	FY 2018				FY 2019				FY 2020				FY 2021				FY 2022				FY 2023				FY 2024			
	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

SIPR DAVE Development and Deployment																												
Legacy Application Transition to DAVE																												
DAVE Enhancement Prototyping																												
SIPR DAVE Enhancement Prototyping																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2020 Office of the Secretary Of Defense		Date: February 2019
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Defense Acquisition Visibility Environment (DAVE) Development</i>				
Program List Capability Development	1	2018	3	2018
Program Information Capability Development	2	2018	4	2018
Program Schedule Capability Development	2	2018	4	2018
Business Intelligence & Analytics Development	1	2018	2	2018
DAVE Operational Capability	4	2017	4	2018
DAMIR Transition to DAVE	2	2017	1	2019
SIPR DAVE Development and Deployment	1	2018	4	2018
Legacy Application Transition to DAVE	1	2019	1	2021
DAVE Enhancement Prototyping	1	2019	4	2022
SIPR DAVE Enhancement Prototyping	1	2019	4	2022