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Exhibit R-2, RDT&E Budget Item Justification: FY 2018 Office of the Secretary Of Defense	Date: May 2017
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Appropriation/Budget Activity	R-1 Program Element (Number/Name)											
0400: <i>Research, Development, Test & Evaluation, Defense-Wide I BA 4: Advanced Component Development & Prototypes (ACD&P)</i>	PE 0603821D8Z I <i>Acquisition Enterprise Data & Information Services</i>											
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
Total Program Element	0.000	0.000	2.136	2.198	-	2.198	2.527	3.096	3.956	4.036	Continuing	Continuing
*P840: <i>Acquisition Enterprise Data & Information Services</i>	0.000	0.000	2.136	2.198	-	2.198	2.527	3.096	3.956	4.036	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Acquisition Enterprise Data & Information Services (AEDIS) investment supports enhanced Acquisition Visibility (AV) of 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 Automated Information Systems (MAIS), major IT investments, and Acquisition Category (ACAT) II – IV programs. AEDIS/AV information service supports USD(AT&L), CAE, and Service Chief responsibilities by providing critical information for acquisition analysis, oversight, and decision making. 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. 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 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Previous President's Budget	0.000	2.136	2.198	-	2.198
Current President's Budget	0.000	2.136	2.198	-	2.198
Total Adjustments	0.000	0.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			

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

	FY 2016	FY 2017	FY 2018
Title: Acquisition Enterprise Data & Information Services	0.000	2.136	2.198

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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>			
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2016	FY 2017	FY 2018
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 2016 Accomplishments: As a new Program Element for FY2017, there were no FY16 accomplishments. FY 2017 Plans: Advanced component development and prototyping efforts will focus on integrating acquisition data stored across multiple disparate data sets and systems to deliver a centrally accessible collection of tools, acquisition data analysis capabilities, data access services, and data standards. FY2017 plans include development of the initial Defense Acquisition Visibility Environment (DAVE) that includes underlying architecture, data, information, and capabilities such as program information and schedule. It also includes prototyping future Acquisition Enterprise data and capabilities such as Should Cost and business analytics. FY 2018 Plans: FY2018 plans include the development of DAVE Operational Capability; development and prototyping of a SIPR instance of DAVE; and prototyping of efforts to transition legacy capabilities to DAVE. Development of DAVE includes architecture enhancements, new data and information, and additional capabilities.				
Accomplishments/Planned Programs Subtotals		0.000	2.136	2.198
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. 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.				