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Exhibit R-2, RDT&E Budget Item Justification: PB 2017 Office of the Secretary Of Defense **Date:** February 2016

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 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
Total Program Element	-	0.000	0.000	2.136	-	2.136	2.215	2.547	3.131	4.004	Continuing	Continuing
*P840: <i>Acquisition Enterprise Data & Information Services</i>	-	0.000	0.000	2.136	-	2.136	2.215	2.547	3.131	4.004	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

This is a New Start Program.

A. Mission Description and Budget Item Justification

This is a newly assigned Program Element for FY2017. Acquisition Enterprise Data & Information Services will provide acquisition data analytics to support the Defense Acquisition Executive (DAE), OSD senior leaders, and OSD and Component analysts who assess the effectiveness of the Department's Major Defense Acquisition Programs, Major Automated Information Systems, and other acquisition programs. Acquisition Enterprise Data & Information Services will support the DAE's responsibilities by providing critical information for acquisition analysis, oversight, and decision making (Big Data Analytics). 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. These efforts will enhance acquisition visibility through the definition, development, and fielding of concepts and tools for Department-wide data analysis for use by Congress and the Department, particularly in support of the DAE.

B. Program Change Summary (\$ in Millions)

	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017 Base</u>	<u>FY 2017 OCO</u>	<u>FY 2017 Total</u>
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	2.136	-	2.136
Total Adjustments	0.000	0.000	2.136	-	2.136
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Funding for New Program in FY 2017	-	-	2.136	-	2.136

Congressional Add Details (\$ in Millions, and Includes General Reductions)

Project: *P840: *Acquisition Enterprise Data & Information Services*

FY 2015	FY 2016

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Congressional Add Details (\$ in Millions, and Includes General Reductions)	FY 2015	FY 2016
Congressional Add: <i>Not Applicable</i>	0.000	0.000
Congressional Add Subtotals for Project: *P840	0.000	0.000
Congressional Add Totals for all Projects	0.000	0.000

Change Summary Explanation

No significant program changes. This is a new start program in FY 2017.

C. Accomplishments/Planned Programs (\$ in Millions)	FY 2015	FY 2016	FY 2017
Title: Acquisition Enterprise Data & Information Services	0.000	0.000	2.136
Description: This effort will provide acquisition data analytics to support the Defense Acquisition Executive (DAE), OSD senior leaders, and OSD and Component analysts to enable them to assess the effectiveness of the Department's Major Defense Acquisition Programs, Major Automated Information Systems, and other acquisition programs. 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.			
FY 2015 Accomplishments: Not Applicable. No RDT&E funds received in FY15			
FY 2016 Plans: No RDT&E funds received in FY16			
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. Plans include development of the Acquisition Visibility Data Framework and Acquisition Visibility Data Service, creation of a staging environment, code library, conducting unit tests and integration tests, and prototyping of future Acquisition Enterprise Data capabilities.			
Accomplishments/Planned Programs Subtotals	0.000	0.000	2.136

	FY 2015	FY 2016
Congressional Add: Not Applicable	0.000	0.000

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	FY 2015	FY 2016
FY 2015 Accomplishments: Not Applicable		
FY 2016 Plans: Not Applicable		
Congressional Adds Subtotals	0.000	0.000

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

N/A

Remarks

E. Acquisition Strategy

For efforts in FY2017, advanced component development and prototyping effort acquisitions are planned to be made through a competed small business blanket purchase agreement.

F. Performance Metrics

Metric: Automated testing must cover a minimum of 80% code. Measure: Code Coverage Report
 Metric: Developed capabilities must pass testing. Measure: Automated testing results report (unit, integration, functional, etc.) showing pass/fail for each assertion

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2017 Office of the Secretary Of Defense **Date:** February 2016

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Product Development (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 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			
Acquisition Visibility Blanket Purchase Agreement	C/BPA	To Be Determined : TBD	-	-		-		2.136	Jan 2017	-		2.136	-	-	-
Subtotal			-	-		-		2.136		-		2.136	-	-	-
Project Cost Totals			-	-		0.000		2.136		-		2.136	-	-	-

Remarks
 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. Plans include development of the Acquisition Visibility Data Framework and Acquisition Visibility Data Service, creation of a staging environment, code library, conducting unit tests and integration tests, and prototyping of future Acquisition Enterprise Data capabilities.

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Exhibit R-4, RDT&E Schedule Profile: PB 2017 Office of the Secretary Of Defense **Date:** February 2016

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FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021			
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

NA	
NA	██████████

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Exhibit R-4A, RDT&E Schedule Details: PB 2017 Office of the Secretary Of Defense **Date:** February 2016

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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
NA				
NA	1	2017	2	2017