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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: Research, Development, Test & Evaluation, Defense-Wide I BA 6: RDT&E Management Support	R-1 Program Element (Number/Name) PE 0303260D8Z I Defense Military Deception Program Office
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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	0.971	0.916	-	0.916	1.059	1.125	1.140	1.162	Continuing	Continuing
891: Defense Military Deception Program	0.000	0.000	0.971	0.916	-	0.916	1.059	1.125	1.140	1.162	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Defense Military Deception Program (DMDP) is an effort to revitalize Department of Defense (DoD) Military Deception (MILDEC) capability and capacity across the DoD. DMDP executes Research, Development, Test, and Evaluation (RDT&E) on MILDEC capabilities, next generation devices, and technologies to support emerging Department requirements. DMDP integrates RDT&E prototypes with DoD Component Programs for acquisition, sustainment and maintenance.

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	0.971	1.005	-	1.005
Current President's Budget	0.000	0.971	0.916	-	0.916
Total Adjustments	0.000	0.000	-0.089	-	-0.089
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Departmental Adjustment	-	-	-0.089	-	-0.089

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

	FY 2015	FY 2016	FY 2017
Title: Defense Military Deception Program Office	-	0.971	0.916
FY 2016 Plans:			
- Research, develop and test two high-fidelity next generation decoys and capabilities to meet Combatant Commands (CCMD) and DoD Component MILDEC requirements.			
- Develop technology feasibility reports on potential deception threats to U.S. systems.			
- Ensure developed prototypes and capabilities transition into formalized program offices and program executive offices across DoD Service Components.			

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C. Accomplishments/Planned Programs (\$ in Millions)	FY 2015	FY 2016	FY 2017
<ul style="list-style-type: none"> - Execute a use case, in coordination with Army, through JCIDS for MILDEC requirement contextualization for a pre-milestone A acquisition package. - Participate in Defense RDT&E processes to advance basic and applied research, science and technology, and technology development and testing to elevate MILDEC capability and capacity across the Department. <p><i>FY 2017 Plans:</i></p> <ul style="list-style-type: none"> - Will continue to research, develop and test high-fidelity next generation decoys and capabilities to meet CCMD and DoD Component MILDEC requirements. - Will continue to develop technology feasibility reports on potential deception threats to U.S. systems. - Will continue to ensure developed prototypes and capabilities transition into formalized program offices and program executive offices across DoD Components. - Will continue to participate in Defense RDT&E processes to advance basic and applied research, science and technology, and technology development and testing to elevate MILDEC capability and capacity across the Department. 			
Accomplishments/Planned Programs Subtotals	-	0.971	0.916

D. Other Program Funding Summary (\$ in Millions)											
Line Item	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
• 0303260D8Z O&M DW: <i>Defense Military Deception Program Office</i>	3.805	3.114	2.623	-	2.623	2.365	2.493	2.510	2.558	Continuing	Continuing

Remarks
N/A

E. Acquisition Strategy
The acquisition, management, and contracting strategy involves the following:

- Adhere to guidance outlined in DoD 5000, Directive 7, Federal Acquisition Regulations (FAR), and FAR Supplement Policies and Procedures.
- Acquire and sustain MILDEC capabilities, systems, tools, products and services through a disciplined, yet agile, process that ensures information related capabilities are available for DoD components.
- Sustain an acquisition process that is responsive and responsible to internal and external customers and stakeholders.
- Continue to support the warfighter's need for capabilities that dominate today's dynamic, networked battlespace by providing governance, oversight and strategy across the DoD for the planning and execution of MILDEC activities.

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F. Performance Metrics

RDT&E performance metrics are among the metrics used to establish the baseline and assess progress toward revitalization of MILDEC capabilities and capacities across the DoD's assigned responsibilities. The following metrics are based on the return on investment of RDT&E investments and provide assessment to meeting: 1) operational requirements for MILDEC capabilities, 2) technical requirements for successful engineering, and 3) programmatic requirements for sustaining RDT&E successes across the Department:

Performance metrics are measured through an increase of MILDEC capability and capacity as demonstrated by the following:

- Seventy percent of evaluations and tests on engineered prototypes and next generation capabilities address CCMD and/or DoD Component requirements. The remaining thirty percent serve as the pivot to improve service level operational capabilities or to address alternate technologies.
- One hundred percent of completed prototype development includes affiliated specifications, architecture, raw material inventories and documentation. They are maintained in a centralized database repository used to support feedback and future efforts.
- Fifty percent of prototypes and next generation capabilities transition into DoD Component Program Management Offices and Program Executive Offices to fulfill DoD urgent needs, while the remaining fifty percent are reviewed for alternative operational utility and sent to the appropriate Service or Agency for application.

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