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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: Research, Development, Test & Evaluation, Defense-Wide / BA 6: RDT&E Management Support	PE 0303260D8Z / Defense Military Deception Program Office (DMDPO)											
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	0.925	0.942	0.916	1.006	-	1.006	1.025	1.040	1.062	1.076	Continuing	Continuing
891: Defense Military Deception Program	0.925	0.942	0.916	1.006	-	1.006	1.025	1.040	1.062	1.076	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

DMDPO establishes and leads the Department's next generation physical and electromagnetic decoys capability and affiliated investment strategy. Investments support DoD's current and emerging MILDEC capability gaps, including multi-spectrum signature emulation. These investments spur technology innovation maximizing Joint Force Commanders' ability to reduce operational risks across system survivability and force protection while maximizing the ability to dictate operational conditions such as freedom of maneuver, positional advantage, and initiative. R&D prototypes are transitioned to Service and Agency programs for sustainment, maintenance, and capacity programming. Test and evaluation analyses establish Department requirement forecasts on capability programming.

B. Program Change Summary (\$ in Millions)	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Previous President's Budget	0.942	0.916	1.059	-	1.059
Current President's Budget	0.942	0.916	1.006	-	1.006
Total Adjustments	0.000	0.000	-0.053	-	-0.053
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Service Requirements Review Board	-	-	-0.053	-	-0.053
Directed Decrease					

C. Accomplishments/Planned Programs (\$ in Millions)	FY 2016	FY 2017	FY 2018
Title: Defense Military Deception Program Office	0.942	0.916	1.006
FY 2016 Accomplishments:			
- Researched, developed, and tested two high-fidelity next generation decoys and capabilities to meet Combatant Commands (CCMD) and DoD Component MILDEC requirements.			
- Developed technology feasibility reports on potential deception threats to U.S. systems.			

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C. Accomplishments/Planned Programs (\$ in Millions)							FY 2016	FY 2017	FY 2018		
<ul style="list-style-type: none"> - Ensured developed prototypes and capabilities transition into formalized program offices and program executive offices across DoD Service Components. - Executed a use case, in coordination with Army, through JCIDS for MILDEC requirement contextualization for a pre-milestone A acquisition package. - Participated 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>FY 2017 Plans:</p> <ul style="list-style-type: none"> - Continue to research, develop, and test high-fidelity next generation decoys and capabilities to meet CCMD and DoD Component MILDEC requirements. - Continue to develop technology feasibility reports on potential deception threats to U.S. systems. - Continue to ensure developed prototypes and capabilities transition into formalized program offices and program executive offices across DoD Components. - 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. - Continue to assess historic operational prototypes to identify ROI metric on DoD MILDEC capability and capacity progression. <p>FY 2018 Plans:</p> <ul style="list-style-type: none"> - Will oversee research, development and testing on a high-fidelity next generation decoys affiliated with current CCMD and Service requirements - Will provide oversight and advocacy for transitioning developed prototypes and capabilities into formalized program offices and program executive offices across DoD Components. - Will 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							0.942	0.916	1.006		
D. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u> <u>Base</u>	<u>FY 2018</u> <u>OCO</u>	<u>FY 2018</u> <u>Total</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• 0303260D8Z O&M DW: Defense Military Deception Program Office	3.134	2.287	2.227	-	2.227	2.268	2.278	2.307	2.336	Continuing	Continuing
Remarks N/A											

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E. Acquisition Strategy The acquisition, management, and contracting strategy involves the following: <ul style="list-style-type: none">• 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.		
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: <ul style="list-style-type: none">- Seventy percent of evaluations and tests on engineered prototypes and next generation capabilities address CCMD and 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.		