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

<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 6: RDT&amp;E Management Support</i>	<b>R-1 Program Element (Number/Name)</b> PE 0303260D8Z / <i>Defense Military Deception Program Office (DMDPO)</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	0.898	0.977	1.003	1.014	-	1.014	1.036	1.048	1.063	1.086	Continuing	Continuing
891: <i>Defense Military Deception Program</i>	0.898	0.977	1.003	1.014	-	1.014	1.036	1.048	1.063	1.086	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 Military Deception (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 capabilities 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)**

	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020 Base</u>	<u>FY 2020 OCO</u>	<u>FY 2020 Total</u>
Previous President's Budget	1.006	1.005	1.017	-	1.017
Current President's Budget	0.977	1.003	1.014	-	1.014
Total Adjustments	-0.029	-0.002	-0.003	-	-0.003
• Congressional General Reductions	-0.002	-0.002			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.027	-			
• Departmental Decrease	-	-	-0.003	-	-0.003

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

	FY 2018	FY 2019	FY 2020
<b>Title:</b> Defense Military Deception Program Office	0.977	1.003	1.014
<b>FY 2019 Plans:</b>			
- Oversee research, development and testing on high-fidelity next generation decoys affiliated with current CCMD and Service requirements.			
- Provide oversight and advocacy for transitioning developed capabilities into formalized program offices and program executive offices across DoD Components.			

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<b>C. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>
<p>- Participate in Defense RDT&amp;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> <p><b>FY 2020 Plans:</b></p> <ul style="list-style-type: none"> <li>- Continue to oversee research, development and testing on high-fidelity next generation decoys affiliated with current CCMD and Service requirements.</li> <li>- Continue to provide oversight and advocacy for transitioning developed capabilities into formalized program offices and program executive offices across DoD Components.</li> <li>- Continue to participate in Defense RDT&amp;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.</li> </ul> <p><b>FY 2019 to FY 2020 Increase/Decrease Statement:</b> No significant change.</p>			
<b>Accomplishments/Planned Programs Subtotals</b>	0.977	1.003	1.014

<b>D. Other Program Funding Summary (\$ in Millions)</b>											
<u>Line Item</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u> <u>Base</u>	<u>FY 2020</u> <u>OCO</u>	<u>FY 2020</u> <u>Total</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• 0303260D8Z O&M DW: <i>Defense Military Deception Program Office</i>	1.216	1.473	2.278	-	2.278	2.307	2.336	2.379	2.555	Continuing	Continuing

**Remarks**

**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.

**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:

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<p>1) operational requirements for MILDEC capabilities, 2) technical requirements for successful engineering, and 3) programmatic requirements for sustaining RDT&amp;E successes across the Department:</p> <ul style="list-style-type: none"><li>- Seventy percent of evaluations and tests on engineered 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.</li><li>- One hundred percent of completed capability 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.</li><li>- Fifty percent of 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.</li></ul>		