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Exhibit R-2, RDT&E Budget Item Justification: PB 2021 Office of the Secretary Of Defense **Date:** February 2020

Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0305186D8Z / <i>Policy R&D Programs</i>
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COST (\$ in Millions)	Prior Years	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost
Total Program Element	36.161	6.122	6.301	7.144	0.000	7.144	7.329	8.313	8.446	8.699	Continuing	Continuing
186: <i>Policy R&D Programs</i>	36.161	6.122	6.301	7.144	0.000	7.144	7.329	8.313	8.446	8.699	Continuing	Continuing

Note

The FY 2021 funding request was increased by \$1,008 thousand during DWR to account for reprogramming of funds from OUSD A&S.

A. Mission Description and Budget Item Justification

The Policy R&D Program supports the National Defense Strategy by provide analysis to overcome military security challenges. Since the global environment is dynamic, research is necessary for continued understanding military structures, foreign cultures, and ethnic issues. Examines demographic data, investigates future global security challenges, provides insights to inform critical national security decisions, explores ways to build partnership capabilities to counter organizational warfare, develop foreign military infrastructure, and deny sanctuary to extremist groups. Program blends several disciplines including surveillance, operations, policy, information management, cyber policy, training and technology.

B. Program Change Summary (\$ in Millions)

	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021 Base</u>	<u>FY 2021 OCO</u>	<u>FY 2021 Total</u>
Previous President's Budget	6.190	6.301	6.367	0.000	6.367
Current President's Budget	6.122	6.301	7.144	0.000	7.144
Total Adjustments	-0.068	0.000	0.777	-	0.777
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.001	-			
• SBIR/STTR Transfer	-0.067	-			
• Funding transferred to O&M Labor account PE:0907388D8Z	-	-	-0.223	-	-0.223
• Change reflects reprogramming of funds from OUSD A&S as a result of the Defense Wide Review.	-	-	1.008	-	1.008
• Inflation adjustment	-	-	-0.008	-	-0.008

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Appropriation/Budget Activity
0400: *Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development*

R-1 Program Element (Number/Name)
PE 0305186D8Z *I Policy R&D Programs*

Change Summary Explanation

FY 2021 adjustment reflects funds previously funded by OUSD A&S transferred to the OUSD Policy Budget. This change also reflects a decrease in the Policy R&D original funding. Both changes are the result of the Defense Wide Review.

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Exhibit R-2A, RDT&E Project Justification: PB 2021 Office of the Secretary Of Defense										Date: February 2020		
Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 0305186D8Z / Policy R&D Programs				Project (Number/Name) 186 / Policy R&D Programs			
COST (\$ in Millions)	Prior Years	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost
186: Policy R&D Programs	36.161	6.122	6.301	7.144	0.000	7.144	7.329	8.313	8.446	8.699	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note
Change reflects reprogramming of funds from OUSD A&S as a result of the Defense Wide Review.

A. Mission Description and Budget Item Justification

Provide analysis to overcome military security challenges. Since the global environment is dynamic, research is necessary for continued understanding military structures, foreign cultures, and ethnic issues. Examines demographic data, investigates future global security challenges, provides insights to inform critical national security decisions, explores ways to build partnership capabilities to counter organizational warfare, develop foreign military infrastructure, and deny sanctuary to extremist groups. Program blends several disciplines including surveillance, operations, policy, information management, cyber policy, training and technology.

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

	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
Title: Future Security Challenges	2.536	2.643	2.720	0.000	2.720
<p>Description: Provides program management oversight and technical support to identify current and emerging future security challenges to the Department, and for international cooperation activities with Allies and international partners to confront these challenges. Anticipates exploitation of technology, including available and advanced capabilities, and work with the international commercial sector and academia concerning adversary's application of technology. Program explores processes and policy to integrate international capabilities across the spectrum of security challenges.</p> <p>FY 2020 Plans:</p> <ul style="list-style-type: none"> • Continue FY19 efforts with an emphasis on Defeating ISIS and Asian Maritime activities: • Perform ongoing trend analysis and develop mitigation options for addressing program risks. • Develop opportunities to apply risk management methodologies to identified program areas. • Working with out international partners, develop net-centric enterprise technologies to remove international sharing barriers identified with maritime information, intelligence, and data being collected by DoD and foreign governments • Research military competition among nations in the Far and Middle East and highlight potential capabilities and policies each nation may utilize in future armed conflicts • Continue to enhance strategies and relationships with European nations based on the exchange of information through education opportunities and existing policies 					

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Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0305186D8Z / Policy R&D Programs	Project (Number/Name) 186 / Policy R&D Programs
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B. Accomplishments/Planned Programs (\$ in Millions)	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
<ul style="list-style-type: none"> • Research and analyze particular Far and Middle East countries as it relates to their decision-making process, financial position, leadership, political dynamics, technical abilities and internal social tensions and stability. • Continue research efforts within the Services and Combatant Commands to better analyze and demonstrate enduring counterinsurgency operational capabilities. <p>FY 2021 Base Plans:</p> <ul style="list-style-type: none"> . Perform ongoing trend analysis and develop mitigation options for addressing program risks with increased emphasis on the INDO-PACOM AOR. • Develop opportunities to apply risk management methodologies to identified program areas. • Working with out international partners, develop net-centric enterprise technologies to remove international sharing barriers identified with maritime information, intelligence, and data being collected by DoD and foreign governments • Research military competition among nations in the Far and Middle East and highlight potential capabilities and policies each nation may utilize in future armed conflicts • Continue to enhance strategies and relationships with European nations based on the exchange of information through education opportunities and existing policies • Research and analyze particular Far (China) and Middle East countries as it relates to their decision-making process, financial position, leadership, political dynamics, technical abilities and internal social tensions and stability. • Continue research efforts within the Services and Combatant Commands to better analyze and demonstrate enduring counterinsurgency operational capabilities. <p>FY 2021 OCO Plans: N/A</p> <p>FY 2020 to FY 2021 Increase/Decrease Statement: The increase supports an added emphasis on developing methodologies and technologies to defeat our adversaries and the creation of the Deputy Assistant Secretary of Defense (DASD) China Office.</p>					
<p>Title: Long Term Competitions (LTC) Program</p> <p>Description: Request supports the Long Term Competitions (LTC) program which is an analytical effort chartered to provide the DoD senior leadership with an understanding of key long-term developments and dynamics in specific areas of the global security environment, and to develop competitive strategies for their</p>	2.886	2.958	3.724	0.000	3.724

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

consideration as the Department seeks to address these long term challenges. The LTC Program will provide rigorously analyzed competitive strategy recommendations to these senior DoD leaders, and will require the support of organizations and experts outside of government to deliver the highest quality analysis, concepts and recommendations. Funding for the LTC program will be used to: bring outside experts into Task Force working groups and strategy review teams; contract studies; support wargaming and workshops; conduct analytical studies of key developments and dynamics, and their impact on the future security environment and U.S. military capabilities in that environment; and explore new approaches to addressing key analytical requirements. Assessments of the ability of future forces to achieve objectives at the campaign level. These assessments include wargaming, qualitative, and quantitative analytic methods. They will both inform and be informed by the Support for Strategic Analysis (SSA) defense planning scenarios (DPS). They will identify risk and potential trade-space among force structure, capabilities, and readiness to inform senior leader decision-making.

FY 2020 Plans:
Specific efforts are classified.

FY 2021 Base Plans:
Specific efforts are classified.

FY 2021 OCO Plans:
N/A

FY 2020 to FY 2021 Increase/Decrease Statement:
Increase in funding is the result of funds formerly provided by OUSD A&S being transferred to the OUSD Policy Budget. The transfer was the result of the Defense Wide Review.

	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
<p>Title: Defense Planning Scenarios Activities</p> <p>Description: This program is classified.</p> <p>FY 2020 Plans: Specific efforts are classified.</p> <p>FY 2021 Base Plans: Specific efforts are classified.</p> <p>FY 2021 OCO Plans: N/A</p> <p>FY 2020 to FY 2021 Increase/Decrease Statement:</p>	0.700	0.700	0.700	0.000	0.700

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B. Accomplishments/Planned Programs (\$ in Millions)	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
No change to planned costs.					
Accomplishments/Planned Programs Subtotals	6.122	6.301	7.144	0.000	7.144

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

N/A

Remarks

D. Acquisition Strategy

N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2021 Office of the Secretary Of Defense **Date:** February 2020

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Product Development (\$ in Millions)				FY 2019		FY 2020		FY 2021 Base		FY 2021 OCO		FY 2021 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			
Policy R&D Programs	Various	National Defense Univ, FFRDCs : Various	36.161	6.122		6.301		7.144		0.000		7.144	Continuing	Continuing	N/A
Subtotal			36.161	6.122		6.301		7.144		0.000		7.144	Continuing	Continuing	N/A

Remarks
The Policy R&D Program provides analysis to overcome military challenges and for continued understanding of military structures, foreign cultures and ethnic issues.

	Prior Years	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	36.161	6.122	6.301	7.144	0.000	7.144	Continuing	Continuing	N/A

Remarks
NA

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Exhibit R-4, RDT&E Schedule Profile: PB 2021 Office of the Secretary Of Defense **Date:** February 2020

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	FY20				FY21				FY22				FY23				FY24				FY25			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Policy R&D Programs																								
Develop Research Criteria	■				■				■				■				■				■			
Technical Evaluation of Criteria	■				■				■				■				■				■			
Product Development	■																							

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Exhibit R-4A, RDT&E Schedule Details: PB 2021 Office of the Secretary Of Defense **Date:** February 2020

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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>The Policy R&D Program provides analysis to overcome military challenges and for continued understanding of military structures, foreign cultures and ethnic issues</i>				
Policy R&D Program	1	2020	4	2025