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Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Office of the Secretary Of Defense **Date:** May 2021

Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
0400: <i>Research, Development, Test & Evaluation, Defense-Wide I BA 4: Advanced Component Development & Prototypes (ACD&P)</i>					PE 0604682D8Z I <i>Wargaming & Support for Strategic Analysis (SSA)</i>							
COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
Total Program Element	11.157	3.613	3.469	3.519	-	3.519	-	-	-	-	-	-
104: <i>Wargaming & Support for Strategic Analysis</i>	11.157	3.613	3.469	3.519	-	3.519	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

This program supports the Office of the Director, Cost Assessment & Program Evaluation (CAPE) by funding activities that help CAPE to implement warfighting analysis in support of the National Defense Strategy. CAPE accomplishes this by leading studies to support campaign analysis and analytical research across a spectrum of national security issues and concerns.

These RDT&E resources support critical studies and analyses to assist senior DoD leaders in optimally balancing the lethality, partnership, and reform levels of effort to carry out the National Defense Strategy.

The research agenda focuses on near- to long-term problems identified by the Deputy Secretary of Defense, and addresses difficult and complex questions linked to program alternatives for current and future capabilities and forces in order to enhance the senior leadership's deliberations and decision-making.

This program provides the scientific and technical engineering services needed for research studies in the development of models and simulations and the evaluation of current analytical tools and scientific methods used to evaluate and assess scenarios and concepts of operations (CONOPS) for a wide range of warfighting environments and scenarios. Deliverables from this program will include reports, briefings, and analyses designed to illuminate findings and assessments to inform Operation Plan development and DoD's approach to concept development, evaluation, and force development.

B. Program Change Summary (\$ in Millions)	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Previous President's Budget	3.751	3.469	3.624	-	3.624
Current President's Budget	3.613	3.469	3.519	-	3.519
Total Adjustments	-0.138	0.000	-0.105	-	-0.105
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Adjustment	-0.138	-	-0.105	-	-0.105

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Office of the Secretary Of Defense										Date: May 2021		
Appropriation/Budget Activity 0400 / 4					R-1 Program Element (Number/Name) PE 0604682D8Z / Wargaming & Support fo r Strategic Analysis (SSA)				Project (Number/Name) 104 / Wargaming & Support for Strategic Analysis			
COST (\$ in Millions)	Prior Years (+)	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
104: Wargaming & Support for Strategic Analysis	11.157	3.613	3.469	3.519	-	3.519	-	-	-	-	-	-
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

(+) The sum of all Prior Years is \$0.000 million less than the represented total due to several projects ending

A. Mission Description and Budget Item Justification

This program supports the Office of the Director, Cost Assessment & Program Evaluation (CAPE). It funds activities that help CAPE to implement the vision of the Deputy Secretary of Defense to support new approaches to campaign analysis. CAPE will accomplish this by leading studies and developing analytic tools to think about future capabilities and posture.

This program provides for analytical research across a spectrum of issues and concerns. The research agenda is focused on near to long-term problems identified by the Deputy Secretary of Defense, and addresses difficult and complex questions linked to program alternatives for current and future capabilities and forces in order to enhance the senior leadership's deliberations and decision-making.

This program provides the scientific and technical engineering services needed for research studies in the development of models and simulations and the evaluation of current analytical tools and scientific methods used to evaluate and assess future scenarios and concepts of operations (CONOPS) for a wide range of warfighting environments and scenarios. Deliverables from this program will include reports, briefings, and analyses designed to illuminate findings and assessments. Outcomes include the compilation and campaign analyses data to support the DoD capabilities to the challenges of a near-peer warfight and strategic and programmatic options for post INF treaty weapons options.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

	FY 2020	FY 2021	FY 2022
Title: Wargaming & Support for Strategic Analysis	3.613	3.469	3.519
Articles:	1	1	-
Description: This program provides for analytical research across a spectrum of issues and concerns. The research agenda is focused on near- to long-term problems identified by the Deputy Secretary of Defense, and addresses difficult and complex questions linked to program alternatives for current and future capabilities and forces in order to enhance the senior leadership's deliberations and decision-making.			
FY 2021 Plans:			
Studies, analyses, and assessments will be focused on:			
- Developing and refining warfighting objectives from senior leader priorities and Strategic Support Analysis activities.			
- Overseeing concept, analysis, and force design work			

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Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604682D8Z / <i>Wargaming & Support for Strategic Analysis (SSA)</i>	Project (Number/Name) 104 / <i>Wargaming & Support for Strategic Analysis</i>		
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2020	FY 2021	FY 2022
<p>- Providing guidance to DoD on best practices for Service Concepts</p> <p>FY 2022 Plans: Studies, analyses, and assessments will be focused on:</p> <ul style="list-style-type: none"> - Developing and refining warfighting objectives from senior leader priorities and Strategic Support Analysis activities. - Overseeing concept, analysis, and force design work - Providing guidance to DoD on best practices for Service Concepts and long range fires decision <p>FY 2021 to FY 2022 Increase/Decrease Statement: FY 2022 maintains a virtual steady-state level of effort to support senior DoD leadership requirements, with a minor internal alignment reflecting FY 2022 fiscal guidance, as well as programmatic adjustments.</p>				
Accomplishments/Planned Programs Subtotals		3.613	3.469	3.519
C. Other Program Funding Summary (\$ in Millions)				
N/A				
Remarks				
D. Acquisition Strategy				
A mix of competitive contracts with commercial firms and research provided by university-affiliated research centers (UARCs), and Federally Funded Research and Development Centers (FFRDCs).				

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2022 Office of the Secretary Of Defense **Date:** May 2021

Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604682D8Z / Wargaming & Support for Strategic Analysis (SSA)	Project (Number/Name) 104 / Wargaming & Support for Strategic Analysis
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Product Development (\$ in Millions)				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 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			
Wargaming & Support for Strategic Analysis	C/Various	Various : DC Metro Area	11.157	3.613	Jan 2020	3.469	Jan 2021	3.519		-		3.519	Continuing	Continuing	N/A
Subtotal			11.157	3.613		3.469		3.519		-		3.519	Continuing	Continuing	N/A
Project Cost Totals			11.157	3.613		3.469		3.519		-		3.519	Continuing	Continuing	N/A

Remarks
 CAPE will accomplish this program by leading warfighting analysis, mission engineering threads, and analysis of concepts of operations. Funds will be awarded for high-priority projects based on competition, and the awards will include analysis of proposed costs.

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Exhibit R-4, RDT&E Schedule Profile: PB 2022 Office of the Secretary Of Defense		Date: May 2021
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FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026			
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

<i>Wargaming & Support for Strategic Analysis</i>	
Wargaming & Support for Strategic Analysis	

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Exhibit R-4A, RDT&E Schedule Details: PB 2022 Office of the Secretary Of Defense		Date: May 2021
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604682D8Z / <i>Wargaming & Support for Strategic Analysis (SSA)</i>	Project (Number/Name) 104 / <i>Wargaming & Support for Strategic Analysis</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Wargaming & Support for Strategic Analysis</i>				
<i>Wargaming & Support for Strategic Analysis</i>	1	2021	4	2025