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Exhibit R-2, RDT&E Budget Item Justification: PB 2024 Office of the Secretary Of Defense **Date:** March 2023

Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide I BA 3: Advanced Technology Development (ATD)</i>	R-1 Program Element (Number/Name) PE 0603945D8Z I <i>AUKUS Innovation Initiatives</i>
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COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
Total Program Element	-	0.000	0.000	25.000	-	25.000	25.000	25.000	25.000	25.000	Continuing	Continuing
079: <i>AUKUS</i>	-	0.000	0.000	25.000	-	25.000	25.000	25.000	25.000	25.000	Continuing	Continuing

Note

New Start (Y/N): Yes

A. Mission Description and Budget Item Justification

This program supports the Department’s initiatives to (1) deter strategic attacks against the United States, and its Allies and partners; (2) deter aggression while being prepared to prevail in conflict when necessary; and (3) building enduring advantages for the future Joint Force. Specifically, the Enhanced Trilateral Security Partnership among Australia, the United Kingdom, and the United States (AUKUS) will deepen defense capability and technological cooperation by developing and providing joint advanced military capabilities to promote security and stability in the Indo-Pacific region.

This program provides funding to pursue operationally relevant advanced capability co-development, support integration of multi-national capabilities to act as a force multiplier, and test and evaluate promising solutions found across the AUKUS innovation ecosystem. The program portfolio aligns with the critical technology areas and operational requirements.

The intent is to consider proposals submitted from the Services and the Defense Agencies and Field Activities, as applicable. The appropriate leadership will select proposals using a merit-based process that identifies the most promising solutions to operational challenges with an emphasis on transitioning technologies current or future programs of record.

B. Program Change Summary (\$ in Millions)	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	25.000	-	25.000
Total Adjustments	0.000	0.000	25.000	-	25.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• FY 2024 New Start	-	-	25.000	-	25.000

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Appropriation/Budget Activity
0400: *Research, Development, Test & Evaluation, Defense-Wide* / BA 3:
Advanced Technology Development (ATD)

R-1 Program Element (Number/Name)
PE 0603945D8Z / *AUKUS Innovation Initiatives*

Change Summary Explanation

New start program

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Exhibit R-2A, RDT&E Project Justification: PB 2024 Office of the Secretary Of Defense **Date:** March 2023

Appropriation/Budget Activity 0400 / 3	R-1 Program Element (Number/Name) PE 0603945D8Z / AUKUS Innovation Initiatives	Project (Number/Name) 079 / AUKUS
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COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
079: AUKUS	-	0.000	0.000	25.000	-	25.000	25.000	25.000	25.000	25.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

New Start (Y/N): Yes

A. Mission Description and Budget Item Justification

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This program provides funding to pursue operationally relevant advanced capability co-development, support integration of multi-national capabilities to act as a force multiplier, and test and evaluate promising solutions found across the AUKUS innovation ecosystem. The program portfolio aligns with the critical technology areas and operational requirements.

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

	FY 2022	FY 2023	FY 2024
<p>Title: Artificial Intelligence (AI) Development Hub</p> <p>FY 2024 Plans: This project seeks to develop a new cloud-based AUKUS AI Development Hub to support the exchange data and support trilateral collaboration within a shared modeling and simulation environment. Once established, this environment could support experimentation and demonstration across the AUKUS Advanced Capabilities Pillar in the future. The initial expenditure will take place in FY 2024, with the project funding to continue in FY 2025 and FY 2026.</p> <p>FY 2023 to FY 2024 Increase/Decrease Statement: This is a new start in FY 2024</p>	0.000	-	5.000
<p>Title: Mission Payloads for Unmanned Underwater Vehicles (UUV's)</p> <p>FY 2024 Plans:</p>	0.000	-	10.000

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Appropriation/Budget Activity 0400 / 3	R-1 Program Element (Number/Name) PE 0603945D8Z / AUKUS Innovation Initiatives	Project (Number/Name) 079 / AUKUS		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2022	FY 2023	FY 2024
This project seeks to develop payloads to execute specific trilateral missions. The initial expenditure will take place in FY 2024, with the project funding to continue in FY 2025 and FY 2026. FY 2023 to FY 2024 Increase/Decrease Statement: This is a new start in FY 2024.				
Title: Cyber Capability Development FY 2024 Plans: This project seeks to purchase commercial space data to incorporate in an existing project that fuses and processes data derived from distributed platforms to support decision-making. The initial expenditure will take place in FY 2024. This project might require additional resourcing in FY 2025. FY 2023 to FY 2024 Increase/Decrease Statement: This is a new start in FY 2024.		0.000	-	6.000
Title: Enhanced Battlespace Awareness FY 2024 Plans: This project seeks to purchase commercial space data to incorporate in an existing project that fuses and processes data derived from distributed platforms to support decision-making. The initial expenditure will take place in FY 2024. This project might require additional resourcing in FY 2025. FY 2023 to FY 2024 Increase/Decrease Statement: This is a new start in FY 2024.		0.000	-	1.000
Title: Engineering and Architecture Studies FY 2024 Plans: This project seeks to conduct a series of engineering and architecture studies to support the integration of existing and/or future AUKUS capabilities. The initial expenditure will take place in FY 2024, with the project funding to continue in FY 2025 and FY 2026. FY 2023 to FY 2024 Increase/Decrease Statement: This is a new start in FY 2024.		0.000	-	3.000
Accomplishments/Planned Programs Subtotals		0.000	-	25.000
C. Other Program Funding Summary (\$ in Millions) N/A				

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

Remarks

Other Funding Summary: This program is also funded in OUSD(Policy), OUSD(A&S) and O&M for Manpower support.

D. Acquisition Strategy

Successful projects support capability acquisition in several ways: technology upgrade insertion in a current platform or program providing greater capability or prolonging life of the system, inform or refine requirements for planned systems, or direct procurement. The AUKUS Innovation Initiative will leverage the Departments most efficient and effective cooperation or acquisition approaches to support the appropriate transition pathway.