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Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Office of the Secretary Of Defense **Date:** March 2024

Appropriation/Budget Activity 0400: Research, Development, Test & Evaluation, Defense-Wide / BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0604011D8Z / Next Generation Information Communications Technology (5G)
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COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
Total Program Element	0.000	-	-	12.424	-	12.424	12.598	12.778	12.962	13.149	Continuing	Continuing
171: 5G Cross Functional Team	0.000	-	-	12.424	-	12.424	12.598	12.778	12.962	13.149	Continuing	Continuing

Note

New Start (Y/N): No

A. Mission Description and Budget Item Justification

The Fifth Generation (5G) Cross Functional Team’s (CFT) mission is to accelerate the 5G wireless networking technologies adoption across the DoD enterprise. The CFT is responsible for DoD’s 5G wireless technology policy, guidance, research, and acquisition. The CFT will leverage innovative efforts across the telecommunications space by strengthening DoD’s external relationships and ensuring interoperability with industry, interagency, and international partners.

B. Program Change Summary (\$ in Millions)

	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025 Base</u>	<u>FY 2025 OCO</u>	<u>FY 2025 Total</u>
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	12.424	-	12.424
Total Adjustments	0.000	0.000	12.424	-	12.424
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Adjustments	-	-	12.424	-	12.424

Change Summary Explanation

Starting in FY 2025, \$12.524 million realigned to the DoD Chief Information Officer (CIO) and BA 07 from Under Secretary of Defense (Research & Engineering) (USD(R&E)) and BA 04.

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Exhibit R-2A, RDT&E Project Justification: PB 2025 Office of the Secretary Of Defense **Date:** March 2024

Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0604011D8Z / <i>Next Generation Information Communications Technology (5G)</i>	Project (Number/Name) 171 / <i>5G Cross Functional Team</i>
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COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
171: <i>5G Cross Functional Team</i>	0.000	-	-	12.424	-	12.424	12.598	12.778	12.962	13.149	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Same as program level mission description.

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

	FY 2023	FY 2024	FY 2025
<p>Title: 5G Cross Functional Team (CFT) Support</p> <p>Description: Fifth generation (5G) wireless networking is a suite of transformational communications technologies that are key enablers for U.S. defense modernization, and fundamental to all aspects of modern warfare. U.S. primacy in the great power competition rests on its ability to lead and sustain the competitive advantage in communications networks, standards, and platform technologies that underpin our global systems of exchange - our strategic center of gravity. Increasingly capable peer adversaries threaten U.S. strategic, tactical, and commercial networks that share a common communications technology base. To ensure DoD can operate effectively anywhere and anytime, including in congested and contested spectrum and on compromised networks, DoD is accelerating adoption of 5G and next generation wireless networking technologies. DoD must advance and master 5G technologies to enable U.S. military superiority and ensure U.S. national security, homeland security, and economic security.</p> <p>FY 2025 Plans:</p> <ul style="list-style-type: none"> • Support military departments' transition plan development and provide guidance on incorporating 5G capabilities into existing programs of record to meet requirements and operational needs. • Leverage commercial technologies that can solve tactical problems, supporting the warfighter. • Advise DoD on policy, acquisition, sustainment, and resourcing to establish, #sustain, and transition 5G capabilities to operational use, maintaining # U.S. military superiority. • Advance and support DoD's commercial and public-private initiatives. • Facilitate cross-coordination, tracking, and collaborating on DoD, interagency, and international 5G efforts; fully implement the 5G Standards Strategy; and actively participate, through proxy representation, in the Third Generation Partnership Project (3GPP) organization, as well as the Alliance for Telecommunications Industry Solutions (ATIS). <p>FY 2024 to FY 2025 Increase/Decrease Statement: Starting in FY 2025, \$12.524 million realigned to the DoD Chief Information Officer (CIO) and BA 07 from the Under Secretary of Defense (Research & Engineering) (USD(R&E)) and BA 04.</p>	-	-	12.424
Accomplishments/Planned Programs Subtotals	-	-	12.424

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

N/A

Remarks

D. Acquisition Strategy

N/A

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Exhibit R-4, RDT&E Schedule Profile: PB 2025 Office of the Secretary Of Defense			Date: March 2024
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0604011D8Z / Next Generation Information Communications Technology (5G)	Project (Number/Name) 171 / 5G Cross Functional Team	

	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029			
	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

Project initiation																												
TBD																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2025 Office of the Secretary Of Defense		Date: March 2024
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Project initiation</i>				
TBD	3	2025	3	2026