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 4: *Advanced Component Development & Prototypes (ACD&P)*	**R-1 Program Element (Number/Name)** PE 0604011D8Z / *Next Generation Information Communications Technology (5G)*

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	-	246.458	179.278	139.427	-	139.427	71.563	56.065	59.726	60.992	Continuing	Continuing
724: *Dual Use 5G Use Cases*	-	164.385	149.600	79.682	-	79.682	26.384	29.139	32.184	32.901	Continuing	Continuing
725: *Congested/Congested Spectrum*	-	76.223	23.423	53.355	-	53.355	37.058	18.162	18.541	18.911	Continuing	Continuing
726: *External Engagement*	-	0.200	6.255	6.390	-	6.390	8.121	8.764	9.001	9.180	Continuing	Continuing
729: *5G Cross Functional Team*	-	5.650	-	-	-	-	-	-	-	-	-	-

Note

New Start (Y/N): No

Funding realigned from Project 725 to Project 724 to support expanded efforts of Open Radio Access Network (Open RAN), distributed multi-input multi-output (MIMO), dynamic spectrum access (DSA), software-defined radio (SDR). Funding in the amount $10.266 million for 5G Cross Functional Team will be executed under Project 724 in FY 2024 in order to facilitate closeout of Project 729 resulting from CFT migration to CIO.

A. Mission Description and Budget Item Justification

This program supports the Department's initiatives to Defend the Homeland, Build Sustainable and Long-Term Advantage, and Build a Resilient Joint Force and Defense Ecosystem.

The Department of Defense (DoD) Next Generation (NextG) Information Communications Technologies (ICT) program will conduct large-scale experimentation and prototyping of dual-use (military and commercial) fifth-generation (5G) cellular network technology for military uses. The program will develop and deploy 5G networks at DoD sites to evaluate and enhance 5G systems and technologies for CONUS and OCONUS DoD missions. This will include both the direct use of commercially available capabilities and DoD-specific technology enhancements and applications that highly leverage commercial capabilities. The program will also develop, test, and evaluate technology solutions to identify and mitigate the security challenges that 5G and NextG technologies will present in order to enable the military to operate through untrusted networks.

The program will:

• Continue efforts to deploy flexible 5G infrastructure at eight U.S. military facilities to enable varied applications and networking prototypes,
• Complete evaluations at least twenty different DoD 5G applications at DoD facilities across the Services based on parallel commercial applications and technologies,
• Deliver high availability systems with security assurance across all DoD operational settings. The overall objective is to ensure DoD personnel and systems have access to mobile communications anywhere they operate.
• Leverage 5G technology and networks for military applications while ensuring secure connectivity and resiliency against adversarial activities."

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 I* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	**R-1 Program Element (Number/Name)** PE 0604011D8Z *I Next Generation Information Communications Technology (5G)*

The program will deliver fieldable prototype capabilities that will remain in place at designated DoD locations as well as lessons learned to promulgate 5G knowledge and tradecraft. This will ensure that both near-term and future generations of information and communications technologies will be capable of supporting US military and national security objectives.

The program will be executed through established support agreements with DoD Service laboratories and through existing DoD and Government-Wide Acquisition Contracts (GWACs), to include General Services Administration (GSA, contracts) that are suitable and cost-effective for 5G technology prototyping and telecommunications network equipment procurement and integration.

B. Program Change Summary ($ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	248.466	179.278	159.467	-	159.467
Current President's Budget	246.458	179.278	139.427	-	139.427
Total Adjustments	-2.008	0.000	-20.040	-	-20.040
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	5.000	-			
• SBIR/STTR Transfer	-6.983	-			
• Program Adjustments	-0.025	-	-20.323	-	-20.323
• Economic Assumption	-	-	0.283	-	0.283

Change Summary Explanation

Decrease of $20.323 million in FY 2025 was a $12.524 million realignment to the DoD Chief Information Officer (CIO), PE 0604011D8Z, BA 7 project 171 (5G Cross Functional Team; reflects NDAA for FY 2023 directions for 5G transition, a $6.330 million realignment to PE 0603379D8Z Advanced Technical Integration and a $1.469 million reduction was applied to meet DoD overall funding reductions, which were spread to mitigate impact.

Exhibit R-2A, RDT&E Project Justification: PB 2025 Office of the Secretary Of Defense			Date: March 2024
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604011D8Z / *Next Generation Information Communications Technology (5G)*	Project (Number/Name) 724 / *Dual Use 5G Use Cases*	

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
724: *Dual Use 5G Use Cases*	-	164.385	149.600	79.682	-	79.682	26.384	29.139	32.184	32.901	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Develop and evaluate “dual-use” applications that demonstrate direct use of commercial systems and applications that use a large fraction of commercial capabilities that are augmented with DoD enhancements. Dual-use applications will be evaluated within a deployed 5G infrastructure with operationally relevant numbers of users and geographic scale.

These use cases include:

• Mission Planning/Training: Develop and evaluate ultra-high reliability, low latency, high bandwidth communications, as well as augmented and virtual reality (AV/VR) technologies that enable high fidelity mission planning and training in realistic environments over 5G networks.
• Depot Operations: Leverage 5G technologies to upgrade depots for “smart” operations including autonomous repair and maintenance activities as well as warehouse movement via driverless forklifts, pallets, and tactical trucks.
• Global Asset/Supply Chain Management: Leverage emerging 5G enterprise solutions to provide real time, optimum, continuous asset visibility and movement tracking, supply status, movement and resupply, and reduce inventory control costs.
• Smart Installations (e.g., logistics bases, ports): Develop and evaluate 5G enabled massive machine-to-machine communications, cloud and edge computing, and autonomy to enhance installation operations to maximize logistics traffic throughput.

Dual-use 5G research, development, and experimentation activities will deliver operational prototype capabilities that will remain in place at designated DoD locations. Those that do not perform sufficiently well will still provide lessons learned to promulgate 5G knowledge and tradecraft. These deliverables will inform base/camp/station modernization and recapitalization investments as prototypes transition to enduring infrastructure.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Title: Dual Use 5G Use Cases	164.385	139.334	79.682
Description: Demonstrate use cases of both commercial and military value, while also assessing and developing mitigations to their security vulnerabilities.			
FY 2024 Plans: The DoD will conclude remaining Smart Warehouse prototyping and experimentation activities at sites. The program will continue technology transitions and transferring sites to services.			

Exhibit R-2A, RDT&E Project Justification: PB 2025 Office of the Secretary Of Defense		Date: March 2024
Appropriation/Budget Activity 0400 / 4	**R-1 Program Element (Number/Name)** PE 0604011D8Z / *Next Generation Information Communications Technology (5G)*	**Project (Number/Name)** 724 / *Dual Use 5G Use Cases*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Dual-use prototyping and experimentation projects at Joint Base Pearl Harbor - Hickam, Naval Station Norfolk, Camp Pendleton, the National Training Center, and Joint Base San Antonio will continue. Localized full scale 5G mobile cellular networks will continue to support the dual-use military application experimentation at these DoD Service sites. The sites will continue experimentation with AR/VR for aircraft readiness, ship-wide and pier-side connectivity, rapidly deployable 5G for tactical command and control centers, and AR/VR for medical applications to include training. DoD will further development of Open RAN standards and technologies that accelerate the adoption of open interfaces, interoperable subsystems, and modular, multi-vendor solutions, as well as leverage new technology components (e.g., distributed MIMO, DSA, SDR) to create new ICT systems. ***FY 2025 Plans:*** The DoD will continue conclusion and transition of prototyping and experimentation activities at the remaining 5G experiment sites. The program will continue technology transitions and transferring sites to services through collaboration with DoD 5G CFT. These dual-use prototyping and experimentation projects include efforts at Joint Base Pearl Harbor - Hickam, Naval Station Norfolk, Nellis AFB, Camp Pendleton,and the Aberdeen Proving Ground.. Localized full scale 5G mobile cellular networks will continue to support the dual-use military application experimentation at these DoD Service sites. The sites will continue experimentation with AR/VR for aircraft readiness, ship-wide and pier-side connectivity, mobile 5G infrastructure, and rapidly deployable 5G for tactical command and control centers. DoD will further continue development of Open RAN standards and technologies that accelerate the adoption of open interfaces, interoperable subsystems, and modular, multi-vendor solutions, as well as leverage new technology components (e.g., distributed MIMO, DSA, SDR) to create new ICT systems. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** The decrease of $40.798 million between FY 2024 to FY 2025 reflects the conclusion of several experimental sites, the elimination of sites that were not meeting expectations, and transition of successful efforts. The effort at Joint Base San Antonio was not meeting expectations due to a lack of progress at the site and advances occurring elsewhere in industry. As a result, this effort was concluded. Other sites such as efforts on smart warehouses reached their planned successful conclusion. In several cases, the experiments resulted in successful project demonstration and the focus shifts to transition of these experiments to the services. The effort at Fort Cavazos concluded after a culminating exercise in October 2023 and will not continue until the Department identifies a transition partner. Due to a combination of funding availability and operational ship movements, the experiment at Norfolk was rescoped to reduce the onboard/pier-side efforts and focus primarily on the shore connectivity. The combination of experiments reaching their natural conclusions and evaluations of ongoing experiments reduced the overall number of continuing experimental sites and corresponding funds. A $6.330 million realignment to PE 0603379D8Z Advanced			

Exhibit R-2A, RDT&E Project Justification: PB 2025 Office of the Secretary Of Defense		Date: March 2024
Appropriation/Budget Activity 0400 / 4	**R-1 Program Element (Number/Name)** PE 0604011D8Z / *Next Generation Information Communications Technology (5G)*	**Project (Number/Name)** 724 / *Dual Use 5G Use Cases*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Technical Integration and a $.867 million reduction were applied to meet DoD overall funding reductions, which were spread to mitigate impact. The $12.524 million decrease from FY 2024 to FY 2025 reflects the realignment of the 5G CFT to DoD CIO.			
Title: 5G Cross Functional Team (CFT) Support ***Description:*** Provide coordination of joint warfighting concepts, research and development, policy and program integration, acquisition and transition, and secure operations of 5G in DoD. ***FY 2024 Plans:*** Provide coordination of joint warfighting concepts, research and development, policy and program integration, acquisition and transition, and secure operations of 5G in DoD. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** The decrease of $10.266 million from FY 2024 to FY 2025 reflects the realignment of the 5G CFT to DoD CIO starting in FY 2025.	-	10.266	-
Accomplishments/Planned Programs Subtotals	164.385	149.600	79.682

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Office of the Secretary Of Defense			Date: March 2024
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604011D8Z / *Next Generation Information Communications Technology (5G)*	Project (Number/Name) 724 / *Dual Use 5G Use Cases*	

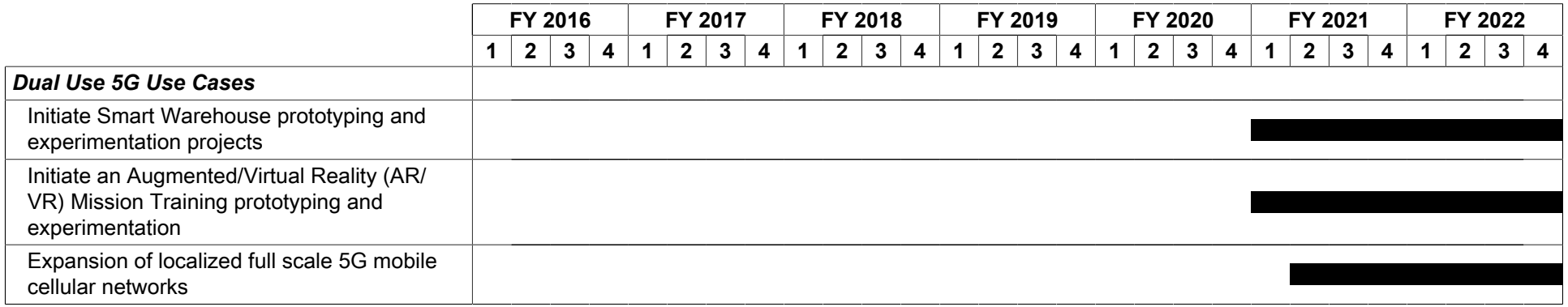
Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Dual Use 5G Use Cases	MIPR	Army, Navy, Air Force, etc. : Various	203.323	164.385	Jun 2023	149.600	Jun 2024	79.682	Jun 2025	-		79.682	Continuing	Continuing	-
		Subtotal	203.323	164.385		149.600		79.682		-		79.682	Continuing	Continuing	N/A

	Prior Years	FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	203.323	164.385		149.600		79.682		-		79.682	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Office of the Secretary Of Defense		Date: March 2024
Appropriation/Budget Activity 0400 / 4	**R-1 Program Element (Number/Name)** PE 0604011D8Z / *Next Generation Information Communications Technology (5G)*	**Project (Number/Name)** 724 / *Dual Use 5G Use Cases*



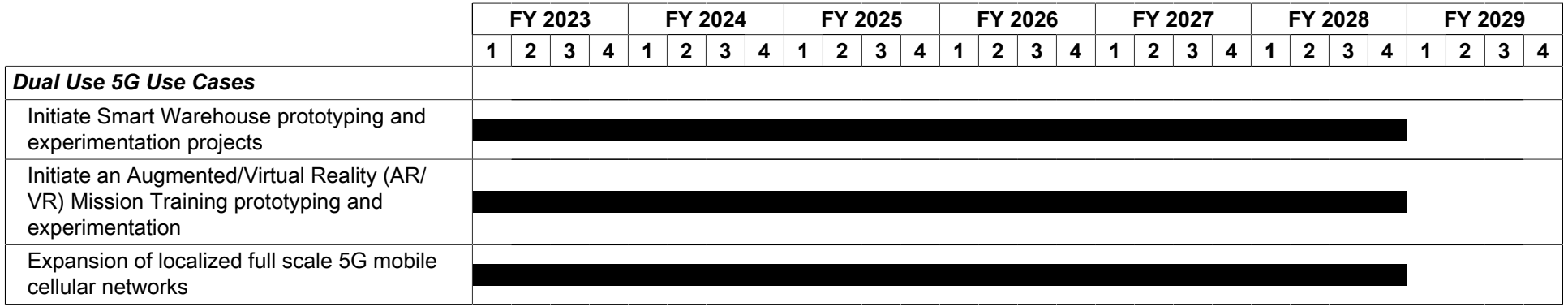


Exhibit R-4A, RDT&E Schedule Details: PB 2025 Office of the Secretary Of Defense		Date: March 2024
Appropriation/Budget Activity 0400 / 4	**R-1 Program Element (Number/Name)** PE 0604011D8Z / *Next Generation Information Communications Technology (5G)*	**Project (Number/Name)** 724 / *Dual Use 5G Use Cases*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Dual Use 5G Use Cases				
Initiate Smart Warehouse prototyping and experimentation projects	1	2021	4	2028
Initiate an Augmented/Virtual Reality (AR/VR) Mission Training prototyping and experimentation	1	2021	4	2028
Expansion of localized full scale 5G mobile cellular networks	2	2021	4	2028

Exhibit R-2A, RDT&E Project Justification: PB 2025 Office of the Secretary Of Defense			Date: March 2024
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604011D8Z / *Next Generation Information Communications Technology (5G)*	Project (Number/Name) 725 / *Congested/Congested Spectrum*	

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
725: *Congested/Congested Spectrum*	-	76.223	23.423	53.355	-	53.355	37.058	18.162	18.541	18.911	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Deliver high availability systems with security assurance across all DoD operational settings. The overall objective is to ensure DoD personnel and systems have access to mobile communications anywhere they operate. This includes the capability to “operate through” existing commercial 5G infrastructure, leveraging dynamic spectrum utilization and controlled manipulation of 5G network security architectures. These capabilities will be based on technologies such as dynamic spectrum utilization to maximize availability and resilience for wireless connectivity, multi-networking across wired and wireless systems for finding and exploiting alternate paths and redundant paths to ensure secure and reliable communication, network monitoring including new artificial intelligence (AI) techniques that use both passive and active measurements to assess security threats and identify potential mitigations. Develop tactical, operational, and strategic networking prototypes to demonstrate capabilities to dynamically balance use of congested spectrum between military systems and commercial wireless networks.

Capabilities will be prototyped and evaluated at-scale within highly dynamic and contested radio frequency (RF) environments. The Congested/Contested Spectrum research, development, and experimentation activities will deliver fieldable prototype capabilities that will remain in place at designated DoD locations. Those that do not perform sufficiently well will still provide lessons learned to promulgate 5G knowledge and tradecraft. These deliverables will inform base/camp/station modernization and recapitalization investments as prototypes transition to enduring infrastructure.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Title: Congested/Contested Spectrum	76.223	23.423	53.355
Description: Demonstrate the capacity to “operate through” in congested/contested environments using dynamic spectrum utilization and by prototyping technologies to both defend and exploit 5G networks. ***FY 2024 Plans:*** Continue congested/contested spectrum prototyping and experimentation activities at Hill AFB. Continue the evaluation of the impact of the 5G network on the airborne radar systems and the radar’s impact on the 5G network to enable co-use or coexistence. Continue development of a network to disaggregate and mobilize command and control architectures at Nellis AFB, to include experimentation with 5G-enabled disaggregated command and control capabilities. ***FY 2025 Plans:*** Transition congested/contested spectrum prototyping and experimentation activities at Hill AFB to an Air Force site in Playas, New Mexico. The work at Hill AFB provided actionable data on sharing spectrum between military systems and commercial mobile			

Exhibit R-2A, RDT&E Project Justification: PB 2025 Office of the Secretary Of Defense		Date: March 2024
Appropriation/Budget Activity 0400 / 4	**R-1 Program Element (Number/Name)** PE 0604011D8Z / *Next Generation Information Communications Technology (5G)*	**Project (Number/Name)** 725 / *Congested/Congested Spectrum*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
network operators. With the completion of the testing at Hill AFB, the Playas site will provide a resource for continuation work to enable co-use or coexistence between military systems and commercial spectrum use. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** The increase of $29.932 between FY 2024 and FY 2025 reflects the continued importance of support for expanded efforts of Open Radio Access Network (Open RAN), distributed multi-input multi-output (MIMO), dynamic spectrum access (DSA), software-defined radio (SDR). Open RAN is a critical technology for industry and Government but requires additional security and functionality. This work allows DOD to address key ORAN security challenges and also allows DOD to add critical functionality enabled by the Realtime Intelligent Controller (RIC). The RIC enables rapid innovation on 5G hardware similar to rapid development on commercial 5G handsets. The foundational work in Open RAN that has now been completed enables new security features and allows new DOD-relevant innovations via the RIC. This work captures two key industry driven aspects. First Open RAN provides an essential avenue for trusted suppliers and US industry as whole to regain influence in the critical area of 5G communications and to meet DoD secure communication requirements. Second, the growing industry demand for spectrum usage directly impinges upon DoD uses such as radars and secure command and control, anticipating and developing solutions to allow secure DoD operations to continue in an increasingly spectrum limited environment is being addressed by this work.			
Accomplishments/Planned Programs Subtotals	76.223	23.423	53.355

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Office of the Secretary Of Defense			Date: March 2024
Appropriation/Budget Activity 0400 / 4	**R-1 Program Element (Number/Name)** PE 0604011D8Z / *Next Generation Information Communications Technology (5G)*	**Project (Number/Name)** 725 / *Congested/Congested Spectrum*	

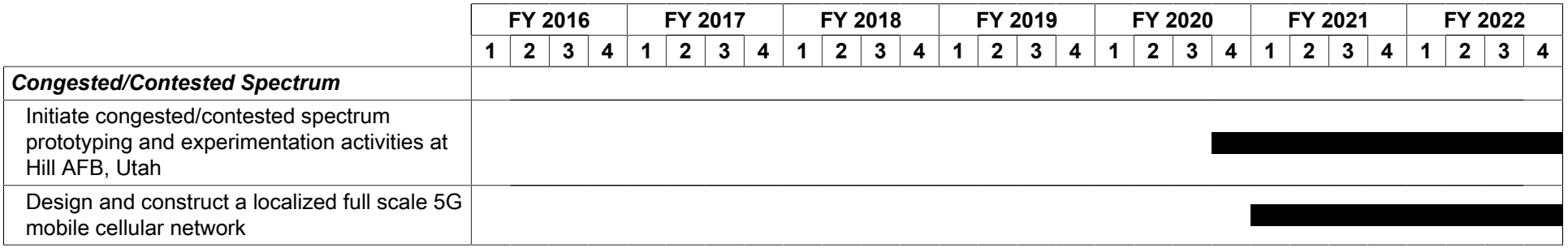
Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Congested/Contested Spectrum	MIPR	Army, Navy, Air Force, Marine Corps, etc. : Various	122.791	76.223	Mar 2023	23.423	Mar 2024	53.355	Mar 2025	-		53.355	Continuing	Continuing	-
		Subtotal	122.791	76.223		23.423		53.355		-		53.355	Continuing	Continuing	N/A

	Prior Years	FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	122.791	76.223		23.423		53.355		-		53.355	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Office of the Secretary Of Defense		Date: March 2024
Appropriation/Budget Activity 0400 / 4	**R-1 Program Element (Number/Name)** PE 0604011D8Z / *Next Generation Information Communications Technology (5G)*	**Project (Number/Name)** 725 / *Congested/Congested Spectrum*



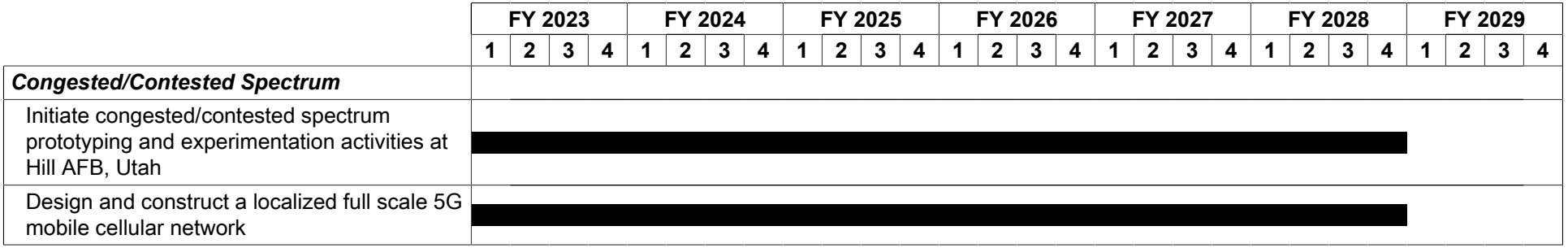


Exhibit R-4A, RDT&E Schedule Details: PB 2025 Office of the Secretary Of Defense		Date: March 2024
Appropriation/Budget Activity 0400 / 4	**R-1 Program Element (Number/Name)** PE 0604011D8Z / *Next Generation Information Communications Technology (5G)*	**Project (Number/Name)** 725 / *Congested/Congested Spectrum*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Congested/Contested Spectrum				
Initiate congested/contested spectrum prototyping and experimentation activities at Hill AFB, Utah	4	2020	4	2028
Design and construct a localized full scale 5G mobile cellular network	1	2021	4	2028

Exhibit R-2A, RDT&E Project Justification: PB 2025 Office of the Secretary Of Defense			Date: March 2024
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604011D8Z / *Next Generation Information Communications Technology (5G)*	Project (Number/Name) 726 / *External Engagement*	

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
726: *External Engagement*	-	0.200	6.255	6.390	-	6.390	8.121	8.764	9.001	9.180	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Funding from this project will be used to externally engage across Government and beyond to influence statutes, policies, regulations, and standards within DoD, the U.S. Government, and international bodies for the global deployment and use of 5G to Next G technologies. DoD will conduct active and passive security vulnerability assessments of 5G prototypes in order to support zero-trust security designs for military 5G applications.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Title: External Engagement	0.200	6.255	6.390
Description: Develop policies, regulations, and standards for streamlined deployment of protected, resilient Government and commercial networks. Conduct active and passive security vulnerability assessments to support 5G security capabilities. ***FY 2024 Plans:*** Maintain efforts to inform and influence statutes, policies, regulations, and standards within DoD, the U.S. Government, and international bodies supporting a forward-thinking Next-G position. ***FY 2025 Plans:*** Maintain efforts to inform and influence statutes, policies, regulations, and standards within DoD, the U.S. Government, and international bodies supporting a forward-thinking Next-G position. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** The increase of $0.135M between FY 2024 and FY 2025 reflects increased travel costs.			
Accomplishments/Planned Programs Subtotals	0.200	6.255	6.390

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Office of the Secretary Of Defense			Date: March 2024
Appropriation/Budget Activity 0400 / 4	**R-1 Program Element (Number/Name)** PE 0604011D8Z / *Next Generation Information Communications Technology (5G)*	**Project (Number/Name)** 726 / *External Engagement*	

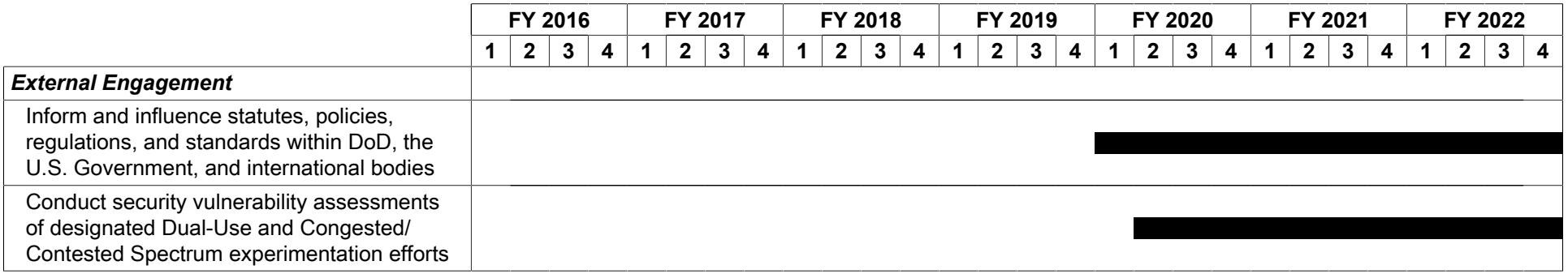
Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
External Engagement	MIPR	Army, Navy, Air Force, Marine Corps, etc. : Various	0.100	0.200	Mar 2023	6.255	Mar 2024	6.390	Mar 2025	-		6.390	Continuing	Continuing	-
		Subtotal	0.100	0.200		6.255		6.390		-		6.390	Continuing	Continuing	N/A

	Prior Years	FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.100	0.200		6.255		6.390		-		6.390	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Office of the Secretary Of Defense		Date: March 2024
Appropriation/Budget Activity 0400 / 4	**R-1 Program Element (Number/Name)** PE 0604011D8Z / *Next Generation Information Communications Technology (5G)*	**Project (Number/Name)** 726 / *External Engagement*



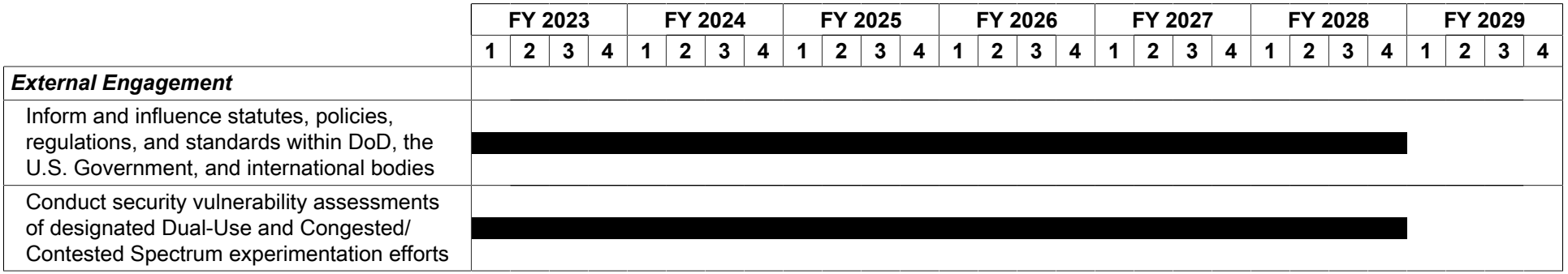


Exhibit R-4A, RDT&E Schedule Details: PB 2025 Office of the Secretary Of Defense		Date: March 2024
Appropriation/Budget Activity 0400 / 4	**R-1 Program Element (Number/Name)** PE 0604011D8Z / *Next Generation Information Communications Technology (5G)*	**Project (Number/Name)** 726 / *External Engagement*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
External Engagement				
Inform and influence statutes, policies, regulations, and standards within DoD, the U.S. Government, and international bodies	1	2020	4	2028
Conduct security vulnerability assessments of designated Dual-Use and Congested/ Contested Spectrum experimentation efforts	2	2020	4	2028

Exhibit R-2A, RDT&E Project Justification: PB 2025 Office of the Secretary Of Defense			Date: March 2024
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604011D8Z / *Next Generation Information Communications Technology (5G)*	Project (Number/Name) 729 / *5G Cross Functional Team*	

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
729: *5G Cross Functional Team*	-	5.650	-	-	-	-	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The 5G Cross Functional Team will provide coordination of joint warfighting concepts, research and development, policy and program integration, acquisition and transition, and secure operations of 5G in DoD.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Title: 5G Cross Functional Team (CFT) Support	5.650	-	-
Accomplishments/Planned Programs Subtotals	5.650	-	-

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Office of the Secretary Of Defense			Date: March 2024
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604011D8Z / *Next Generation Information Communications Technology (5G)*	Project (Number/Name) 729 / *5G Cross Functional Team*	

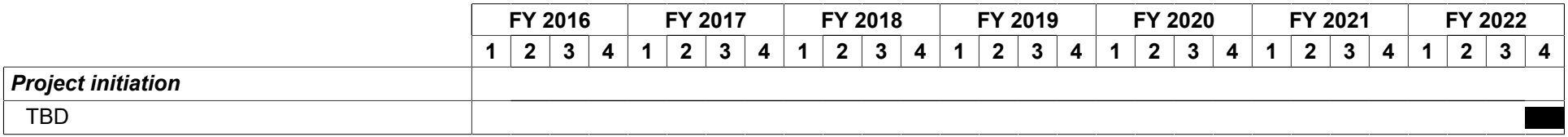
Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
5G Cross Functional Team (CFT) Support	MIPR	TBD : TBD	1.500	5.650	Mar 2023	-		-		-		-	Continuing	Continuing	-
		Subtotal	1.500	5.650		-		-		-		-	Continuing	Continuing	N/A

	Prior Years	FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	1.500	5.650		-		-		-		-	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Office of the Secretary Of Defense		Date: March 2024
Appropriation/Budget Activity 0400 / 4	**R-1 Program Element (Number/Name)** PE 0604011D8Z / *Next Generation Information Communications Technology (5G)*	**Project (Number/Name)** 729 / *5G Cross Functional Team*



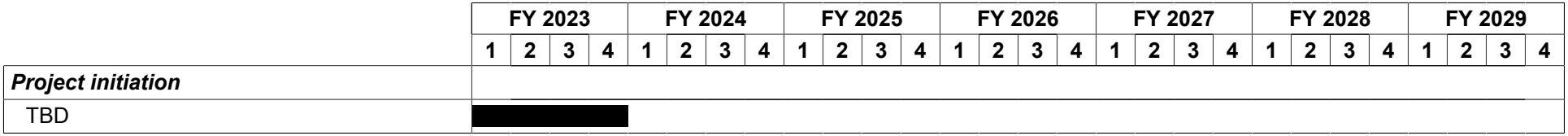


Exhibit R-4A, RDT&E Schedule Details: PB 2025 Office of the Secretary Of Defense		Date: March 2024
Appropriation/Budget Activity 0400 / 4	**R-1 Program Element (Number/Name)** PE 0604011D8Z / *Next Generation Information Communications Technology (5G)*	**Project (Number/Name)** 729 / *5G Cross Functional Team*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Project initiation				
TBD	4	2022	4	2023