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**Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Army** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 2040: <i>Research, Development, Test &amp; Evaluation, Army / BA 6: RDT&amp;E Management Support</i>	<b>R-1 Program Element (Number/Name)</b> PE 0605712A / <i>Support of Operational Testing</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
Total Program Element	-	69.879	75.133	76.088	-	76.088	76.225	77.058	77.908	78.688	0.000	530.979
V02: <i>ATEC Activities</i>	-	69.879	75.133	76.088	-	76.088	76.225	77.058	77.908	78.688	0.000	530.979

**A. Mission Description and Budget Item Justification**

This funding line supports testing of Army Modernization Priority Programs.

This Program Element (PE) provides resources to the United States (U.S.) Army Test and Evaluation Command (ATEC) to operate the Army's Operational Test Command (OTC). OTC conducts independent operational tests that provide significant data to Army decision-makers on key Army systems and concepts. This PE finances recurring costs for OTC that are essential for conducting realistic and continuous testing in the critical areas of equipment, doctrine, force design and training. These recurring costs include civilian pay, requirements for test support contracts, sustainment of test technology, network support, temporary duty, training, supplies, and equipment.

<b><u>B. Program Change Summary (\$ in Millions)</u></b>	<b><u>FY 2023</u></b>	<b><u>FY 2024</u></b>	<b><u>FY 2025 Base</u></b>	<b><u>FY 2025 OCO</u></b>	<b><u>FY 2025 Total</u></b>
Previous President's Budget	70.718	75.133	75.901	-	75.901
Current President's Budget	69.879	75.133	76.088	-	76.088
Total Adjustments	-0.839	0.000	0.187	-	0.187
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.839	-			
• Adjustments to Budget Years	-	-	0.187	-	0.187

**Change Summary Explanation**

Increased funding due to economic assumptions supporting civilian pay.

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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
V02: ATEC Activities	-	69.879	75.133	76.088	-	76.088	76.225	77.058	77.908	78.688	0.000	530.979
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**A. Mission Description and Budget Item Justification**

This Project provides funding to the Army Test and Evaluation Command (ATEC) to operate the Operational Test Command (OTC) which conducts independent operational tests that provide significant data to Army decision makers on key systems in support of the Army's modernization priorities. These operational tests are required by public law (Title 10 USC 2399). This Project finances recurring costs for OTC that are essential to conduct realistic and continuous testing in the critical areas of equipment, doctrine, force design and training. These recurring costs include civilian pay, requirements for test support contracts, sustainment of test technology, network support, training, supplies, equipment, and temporary duty travel.

OTC consists of four forward Test Directorates (Airborne and Special Operations Test Directorate, Fort Liberty, North Carolina; Air and Missile Defense Test Directorate, Fort Bliss, Texas; Fires Support Test Directorate, Fort Sill, Oklahoma; and the Intelligence Electronic Warfare Test Directorate, Fort Huachuca, Arizona) together with four additional Test Directorates (Aviation; Maneuver; Mission Command; Maneuver Support and Sustainment) and OTC Headquarters at Fort Cavazos, Texas. These activities support the development and fielding cycle of all Army acquisition programs including rapid fielding initiatives in support of the Army's signature modernization priorities. The primary mission of these test directorates is to perform detailed planning, execution, and reporting of Customer Tests, Early User Tests, Limited User Tests (LUT), Initial Operational Test and Evaluation (IOTE), and Follow-On Operational Tests (FOT) in support of the Army's Signature Modernization Efforts. OTC also supports Army Futures Command's Soldier Touch Points and other early assessments of potential new systems the Army seeks to acquire in support of Army Modernization. Funding provides essential sustainment of models, simulations, and instrumentation for operational testing of airborne/aviation systems, mission command systems, fires systems, intelligence systems, real-time casualty assessment (RTCA), and common live-virtual-constructive (LVC) tools.

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

	FY 2023	FY 2024	FY 2025
<b>Title:</b> Operational Test Command Civilian Pay	44.497	47.756	48.253
<b>Description:</b> This funding supports the cost of civilian labor for OTC authorizations.			
<b>FY 2024 Plans:</b> Will continue to support the costs of civilian labor for OTC authorizations.			
<b>FY 2025 Plans:</b> Will continue to support the costs of civilian labor for OTC Program Budget Guidance (PBG) authorizations.			
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Increase due to civilian pay raise assumptions.			
<b>Title:</b> Operational Test Command Operations Support	12.171	13.512	13.807

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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<p><b>Description:</b> OTC operational costs including mission support and information technology contracts, logistics training, equipment, travel, facility maintenance and supplies.</p> <p><b>FY 2024 Plans:</b> Continue to support operational costs including mission support and information technology contracts, logistics, training, equipment, travel, and supplies that are required to conduct the operational test mission. Contracted support includes test support requirements; information technology (IT) and network support and licensing; facilities maintenance and technology modernization updates.</p> <p><b>FY 2025 Plans:</b> Continue to support operational costs including mission support and information technology contracts, logistics, training, equipment, travel, and supplies that are required to conduct the operational test mission. Contracted support includes test support requirements; information technology (IT) and network support and licensing; facilities maintenance and technology modernization updates.</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Increase in funding is due to cost for non-pay and non-fuel purchases.</p>				
<p><b>Title:</b> Test Technology Sustainment</p> <p><b>Description:</b> This project sustains the capabilities to create a realistic multi-domain operational (MDO) test environment with modern threat effects, provide test monitoring and control, and data analysis. This project sustains the expertise to employ modeling and simulation tools and the expertise to adapt/integrate current Army training simulation capabilities and other tools to function with new Army systems and sustains operational test (OT)-unique simulation and instrumentation systems. By sustaining the models and simulation tools and expertise, this project reduces test costs and the demand for Army test units by simulating tactical engagements, adjacent and higher headquarters units, mission command message traffic, and battlefield kinetic and non-kinetic effects. This project sustains video equipment, appended data collection devices, and embedded software used to collect and analyze system performance during test. The project also funds the technical expertise and hardware to sustain cyber security of OTC's technology capabilities; technology tools across OTC require Risk Management Framework (RMF) accreditation.</p> <p><b>FY 2024 Plans:</b> Funds support all OTC Test Technology Support Service contracts that sustain existing technology systems to provide a realistic multi-domain operational environment with modern kinetic and non-kinetic battlefield effects, provide test monitoring and control,</p>		13.211	13.865	14.028

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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
and provide the data collection and analysis tools for the Army modernization efforts at OTC's all five geographical locations at Fort Hood, Fort Bragg, Fort Bliss, Fort Sill and Fort Huachuca.  <b><i>FY 2025 Plans:</i></b> Funds support all OTC Test Technology Support Service contracts that sustain existing technology systems to provide a realistic multi-domain operational environment with modern kinetic and non-kinetic battlefield effects, provide test monitoring and control, and provide the data collection and analysis tools for the Army modernization efforts at OTC's all five geographical locations at Fort Cavazos, Fort Liberty, Fort Bliss, Fort Sill and Fort Huachuca.  <b><i>FY 2024 to FY 2025 Increase/Decrease Statement:</i></b> Increase due to planned Lifecycle effort and fuel pricing.				
<b>Accomplishments/Planned Programs Subtotals</b>		69.879	75.133	76.088
<b>C. Other Program Funding Summary (\$ in Millions)</b> N/A				
<b>Remarks</b>				
<b>D. Acquisition Strategy</b> N/A				