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Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Army **Date:** April 2022

Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 6: RDT&E Management Support</i>	R-1 Program Element (Number/Name) PE 0605601A / <i>Army Test Ranges and Facilities</i>
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	-	390.366	367.125	401.643	-	401.643	370.357	377.441	381.623	384.654	0.000	2,673.209
F30: <i>Army Test Ranges & Facilities</i>	-	390.366	367.125	401.643	-	401.643	370.357	377.441	381.623	384.654	0.000	2,673.209

A. Mission Description and Budget Item Justification

This funding line supports testing of Army Modernization Priority Programs.

This Program Element (PE) provides the institutional funding required to operate test activities in accordance with Public Law 107-314 (National Defense Authorization Act for Fiscal Year 2003) Section 232 ("Objective for institutional funding of test and evaluation facilities") in support of Department of Defense (DoD) Program Executive Officers, Program and Product Managers, Research, Development, and Engineering Centers and to the Army Futures Command (AFC). Resources provided by this PE operate six elements of the DoD Major Range and Test Facility Base (MRTFB): White Sands Test Center (WSTC) - White Sands Missile Range (WSMR), New Mexico; Aberdeen Test Center (ATC) - Aberdeen Proving Ground (APG), Maryland; Electronic Proving Ground (EPG) - Fort Huachuca, Arizona; Yuma Test Center (YTC) - Yuma Proving Ground (YPG), Arizona; Cold Regions Test Center (CRTC) - Fort Greely, Alaska; and Tropic Regions Test Centers (TRTC) at various locations. This PE also funds the Army's test capability at Redstone Test Center (RTC) - Redstone Arsenal, Alabama.

This PE finances the overhead (institutional) test operating costs not billable to DoD test customers per DoD Instruction (DoDI) 3200.18 and DoD Financial Management Regulation (DoDFMR) 7000.14-R, which include: recurring test infrastructure/capability sustainment requirements; replacement of test equipment; test operating procedures; and test revitalization/upgrade projects to maintain \$8.7 billion of testing capabilities; and improvements to the safety, environmental protection, and efficiency of test operations. The test capabilities at these ranges have been uniquely established, and are designated as national assets needed to support test and evaluation (T&E) requirements of funded acquisition programs, and are required to assure technical performance, adherence to safety requirements, reliability, logistics supportability, Title 10 Live Fire Test and Evaluation, transportability, environmental effects, cyber, electromagnetic effects, and quality of materiel in development and in production.

This PE sustains the T&E capability required to support Army Modernization as well as other Army, Joint, or Other Service systems, materiel, and technologies. Types of systems scheduled for testing include, but are not limited to: Aircraft, Air Delivery, Unmanned Aerial Systems, Counter Unmanned Aerial Systems, Air and Missile Defense Systems, Engineering Equipment, Direct fire, Indirect fire, Ammunition, Automotive Systems both manned and unmanned, Intelligence Surveillance and Reconnaissance, Ground Soldier Systems, Missiles, Rockets, Mission Command Network, Tactical Command, Control, and Communications, Robotics/Unmanned Autonomous Systems, Soldier Lethality, Assured Position, Navigation and Timing, Title 10 Live-Fire Survivability, Nuclear survivability, directed energy, and extreme natural environments. These T&E capabilities enable Army Futures Command modernization efforts and readiness.

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Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 6: RDT&E Management Support</i>	R-1 Program Element (Number/Name) PE 0605601A / <i>Army Test Ranges and Facilities</i>
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B. Program Change Summary (\$ in Millions)	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
Previous President's Budget	390.351	354.227	0.000	-	0.000
Current President's Budget	390.366	367.125	401.643	-	401.643
Total Adjustments	0.015	12.898	401.643	-	401.643
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	13.000			
• Congressional Directed Transfers	-	-			
• Reprogrammings	0.015	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-	-	401.643	-	401.643
• FFRDC Transfer	-	-0.102	-	-	-

Congressional Add Details (\$ in Millions, and Includes General Reductions)

Project: F30: Army Test Ranges & Facilities

Congressional Add: *Integrated Directed Energy Testing*

Congressional Add: *Distributed Environment for System-of-System Cybersecurity Testing*

Congressional Add: *Program Increase: Counter-Unmanned Aerial System High Energy Laser Platform Integration*

Congressional Add: *Environmental Characterization for Test Operations*

Congressional Add Subtotals for Project: F30

Congressional Add Totals for all Projects

	FY 2021	FY 2022
	15.000	-
	25.000	-
	-	10.000
	-	3.000
Congressional Add Subtotals for Project: F30	40.000	13.000
Congressional Add Totals for all Projects	40.000	13.000

Change Summary Explanation

FY 2023 funding increase reflects the fact that the FY 2022 President's Budget request did not include out-year funding.

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Army										Date: April 2022		
Appropriation/Budget Activity 2040 / 6					R-1 Program Element (Number/Name) PE 0605601A / Army Test Ranges and Facilities				Project (Number/Name) F30 / Army Test Ranges & Facilities			
COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
F30: Army Test Ranges & Facilities	-	390.366	367.125	401.643	-	401.643	370.357	377.441	381.623	384.654	0.000	2,673.209
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This Project provides the institutional funding required to operate test activities IAW Public Law 107-314 (National Defense Authorization Act for Fiscal Year 2003) Section 232 ("Objective for institutional funding of test and evaluation facilities") in support of DoD Program Executive Officers, Program and Product Managers, Research, Development, and Engineering Centers and to the AFC. Resources provided by this Project operate six elements of the DoD MRTFB: WSTC - WSMR, New Mexico; ATC - APG, Maryland; EPG - Fort Huachuca, Arizona; YTC - YPG, Arizona; CRTC - Fort Greely, Alaska; and TRTC at various locations. This Project also funds the Army's test capability at RTC - Redstone Arsenal, Alabama.

This Project finances the overhead (institutional) test operating costs not billable to DoD test customers per DoDI 3200.18 and DoDFMR 7000.14-R, which include: recurring test infrastructure/capability sustainment requirements; replacement of test equipment; test operating procedures; test revitalization/upgrade projects to maintain \$8.7 billion of testing capabilities; and improvements to the safety, environmental protection, and efficiency of test operations. The test capabilities at these ranges have been uniquely established, are considered national assets, and are in place to support T&E requirements of funded acquisition programs, and are required to assure technical performance, adherence to safety requirements, reliability, logistics supportability, Title 10 Live Fire Test and Evaluation, transportability, environmental effects, cyber, electromagnetic effects, and quality of materiel in development and in production.

This Project sustains the T&E capability required to support Army Modernization as well as other Army, Joint, or Other Service systems, materiel, and technologies. Types of systems scheduled for testing include, but are not limited to: Aircraft, Air Delivery, Unmanned Aerial Systems, Counter Unmanned Aerial Systems, Air and Missile Defense Systems, Engineering Equipment, Direct fire, Indirect fire, Ammunition, Automotive Systems both manned and unmanned, Intelligence Surveillance and Reconnaissance, Ground Soldier Systems, Missiles, Rockets, Mission Command Network, Tactical Command, Control, and Communications, Robotics/Unmanned Autonomous Systems, Soldier Lethality, Assured Position, Navigation and Timing, Title 10 Live-Fire Survivability, Nuclear survivability, directed energy, and extreme natural environments. These T&E capabilities enable Army Futures Command modernization efforts and readiness.

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

	FY 2021	FY 2022	FY 2023
Title: Mission Support	80.987	80.097	94.048
Description: Funds support: test capability sustainment and maintenance of equipment, test facility maintenance, calibration requirements, handling and disposal of hazardous materials, transportation, postage, administrative supplies, tools, software, spare parts, test support vehicle maintenance, mission unique installation costs, temporary duty/training of civilian and contractor personnel, certifications, printing and reproduction, communications, land leases, and range road maintenance. Funding supports			

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Appropriation/Budget Activity 2040 / 6	R-1 Program Element (Number/Name) PE 0605601A / Army Test Ranges and Facilities	Project (Number/Name) F30 / Army Test Ranges & Facilities		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2021	FY 2022	FY 2023
<p>indirect costs for MRTFB Activities (ATC, EPG, WSTC, YTC (including CRTC & TRTC)) IAW DoDI 3200.18 and DoDFMR 7000.14-R.</p> <p>FY 2022 Plans: Funds will continue to support test capability sustainment and maintenance of equipment, test facility maintenance, calibration requirements, handling and disposal of hazardous materials, transportation, postage, administrative supplies, tools, software, spare parts, test support vehicle maintenance, mission unique installation costs, temporary duty/training of civilian and contractor personnel, certifications, printing and reproduction, communications, land leases, and range road maintenance. Funding supports indirect costs for MRTFB Activities (ATC, EPG, WSTC, YTC (including CRTC & TRTC)) IAW DODI 3200.18 and DODFMR 7000.14-R.</p> <p>FY 2023 Plans: Funds will modernize test capability technology, sustainment and maintenance of equipment, test facility maintenance, calibration requirements, handling and disposal of hazardous materials, transportation, postage, administrative supplies, tools, software, spare parts, test support vehicle maintenance, mission unique installation costs, temporary duty/training of civilian and contractor personnel, certifications, printing and reproduction, communications, land leases, and range road maintenance. Funding supports indirect costs for MRTFB Activities (ATC, EPG, WSTC, YTC (including CRTC & TRTC)) IAW DODI 3200.18 and DODFMR 7000.14-R.</p> <p>FY 2022 to FY 2023 Increase/Decrease Statement: Increase funds will modernize warfighting test capability technology to support future testing in support of Army modernization and to address a portion of the backlog of sustainment and maintenance of test capabilities.</p>				
<p>Title: T&E Civilian Pay</p> <p>Description: This funding supports the overhead costs of the civilian labor for Program Budget Guidance (PBG) authorizations. The balance is customer funded. The test customer pays all direct costs that are directly attributable to the use of a test facility or resource for testing of a particular program. Funding is essential to maintain core T&E skills as part of the Government civilian workforce used in support of Army modernization.</p> <p>FY 2022 Plans: Funds will continue to support the overhead costs of the civilian labor for PBG authorizations. The balance will be customer funded. The test customer will pay all direct costs directly attributable to the use of a test facility or resource for testing of a particular program. Funding will be essential to maintain core T&E skills as part of the Government civilian workforce.</p> <p>FY 2023 Plans:</p>		154.931	163.947	169.029

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2021	FY 2022	FY 2023
<p>Funds will continue to support the overhead costs of the civilian labor for PBG authorizations. The balance will be customer funded. The test customer will pay all direct costs directly attributable to the use of a test facility or resource for testing of a particular program. Funding will be essential to maintain core T&E skills as part of the Government civilian workforce.</p> <p>FY 2022 to FY 2023 Increase/Decrease Statement: Increase due to inflation for civilian pay; the majority of the workforce is in the Acquisition Demonstration Program.</p>				
<p>Title: Contractor Support</p> <p>Description: This funding supports contractor labor costs not billable to customers. Contract labor is essential to augment core civilian T&E personnel with additional capabilities and/or capacity. Functions performed include range operations, automotive test support, radar maintenance, warehousing support, project management, maintenance of support fleet aircraft, recurring/general maintenance to test facilities and data acquisition support.</p> <p>FY 2022 Plans: Funds will continue to support contractor labor costs not billable to the customer. Contract labor will be essential to augment core civilian T&E personnel. Functions performed will include range operations, automotive test support, radar maintenance, warehousing support, project management, maintenance of support fleet aircraft, recurring/general maintenance to test facilities and data acquisition support.</p> <p>FY 2023 Plans: Funds will continue to support contractor labor costs not billable to the customer. Contract labor will be essential to augment core civilian T&E personnel. Functions performed will include range operations, automotive test support, radar maintenance, warehousing support, project management, maintenance of support fleet aircraft, recurring/general maintenance to test facilities and data acquisition support.</p> <p>FY 2022 to FY 2023 Increase/Decrease Statement: Increase due to inflation.</p>		58.689	60.535	62.412
<p>Title: Revitalization/Upgrade</p> <p>Description: Funds support the revitalization/upgrade of critical test infrastructure and capabilities. MRTFB elements are required to use institutional funding to sustain, upgrade or create capabilities that support multiple customers. Funding will be focused on improving T&E capabilities for Army Modernization Programs and other high priority acquisition systems.</p> <p>FY 2023 Plans: Funds will continue to support the revitalization/upgrade of critical test infrastructure and capabilities. MRTFB elements will be required to use institutional funding to sustain or upgrade capabilities that support multiple customers. Funding will be focused on</p>		18.740	-	21.022

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2021	FY 2022	FY 2023
<p>improving T&E capabilities for the highest priority Army modernization efforts such as Air and Missile Defense (AMD), Long Range Precision Fires (LRPF), Assured Position, Navigation, and Timing (APNT), Future Vertical Lift (FVL), and Unified Network.</p> <p>FY 2022 to FY 2023 Increase/Decrease Statement: FY22 decrease of \$5M is the result of FY22 SBIR/STTR funding transferred in accordance with Title 15 USC 7638 (\$4.898M) and FFRDC reductions (\$.102M). FY23 increase funds 13 revitalization/upgrade projects of critical test infrastructure and capabilities supporting Army modernization across five MRTFB elements. Examples include Non-Conductive Covered Electromagnetic (EM) Test Pads at RTC supporting Future Vertical Lift (FVL), Global Positioning System (GPS) Dynamic Array Test Facility at EPG supporting Assured Position, Navigation, and Timing (APNT), and Fort Wingate Launch and Test Site Revitalization at WSTC supporting Long Range Precision Fires (LRPF).</p>				
<p>Title: Physical Security Guards and Equipment</p> <p>Description: Funding supports security guard forces mandated by regulations and annual vulnerability assessments for ATEC's surety-related test sites which are positioned on isolated and remote locations. Funding supports required training and exercises, to include annual vulnerability assessments and guard force support to Nuclear Accident or Incident Response and Assistance (NAIRA) and Chemical Accident or Incident Response and Assistance (CARIA). These guards secure and protect ATEC's Fast Burst Nuclear Reactor (FBR) at White Sands Test Center (WSTC) located at White Sands Missile Range (WSMR) IAW Army Regulation (AR) 190-54 (Security of Nuclear Reactors and Special Nuclear Materials). The guards also secure and protect the Chemical and Biological (Chem/Bio) facilities at West Desert Test Center (WDTC) located at Dugway Proving Ground (DPG) IAW AR 190-59 (Chemical Agent Security Program) and AR 190-17 (Biological Agents and Toxins Security Program). These surety facilities maintain chemical, biological, radiological, nuclear, and explosive (CBRNE) materials and agents in order to test the effects and effectiveness of defensive or protective equipment and measures. Physical security equipment consists of electronic security systems (ESS) composed of access/egress control systems, various camera systems, sensors and detection arrays, and Intrusion Detection Systems (IDS). Costs include sustainment of maintenance contracts for equipment not included in the Army inventory. This equipment is necessary to secure arms rooms, ammunition, explosives (AA&E) storage facilities at the FBR, and Chem/Bio surety sites. Physical security equipment is critical to maintain current security requirements as directed in: AR 190-54, AR 190-56, AR 190-59, AR 190-17, AR 190-11, AR 190-13, and AR 190-51. Funding enables ATEC to sustain support to Army Modernization and its expanded requirements to include large increases in volume of test planning and test. Additionally, funding addresses increases in physical security and guard force requirements in support of ATEC's assignment of direct support mission to Army Futures Command (AFC) and associated requirements to include support to major exercises including Project Convergence and EDGE. Funding provides training and certification of guards to operate and maintain ESS equipment and qualification of all weapon systems and surety-related personal protective equipment (PPE) requisite to their surety security missions.</p> <p>FY 2022 Plans:</p>		11.492	11.836	12.203

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2021	FY 2022	FY 2023
<p>Funds will support physical security guard operations, mandatory training and qualifications and for maintenance and sustainment of equipment at the FBR at WSTC located at WSMR and Chem/Bio facilities at WDTC located at DPG.</p> <p>FY 2023 Plans: Funds will support physical security guard operations, mandatory training and qualifications and for maintenance and sustainment of equipment at the FBR at WSTC located at WSMR and Chem/Bio facilities at WDTC located at DPG. Funding supports Army priorities shift to modernization and associated expansion of test mission and support to AFC-led RDT&E major events (Project Convergence and Edge).</p> <p>FY 2022 to FY 2023 Increase/Decrease Statement: Increase due to inflation for civilian pay and routine program adjustments.</p>				
<p>Title: UH-60 Aircraft</p> <p>Description: This funding supports the Aviation Restructure Initiative endorsed by the SECDEF. Funding supports aircraft maintenance, aircrew labor, mandatory training, and aircraft flying hours. IAW DoDI 3200.18 and DoDFMR 7000.14-R, these costs are not billable to the test customers. UH-60 helicopters are used to provide essential logistical, sensor platform and aerial photo/video documentation support for developmental testing.</p> <p>FY 2022 Plans: Funds will support UH-60 helicopter maintenance, aircrew labor, mandatory training and aircraft flying hours.</p> <p>FY 2023 Plans: Funds will support UH-60 helicopter maintenance, aircrew labor, mandatory training and aircraft flying hours.</p> <p>FY 2022 to FY 2023 Increase/Decrease Statement: Increase due to inflation and program requirements.</p>		5.246	5.325	5.645
<p>Title: Network Enterprise Center (NEC)</p> <p>Description: This funding supports the NEC operations for WSMR and YPG. Funding supports manpower and contracts, support equipment and associated costs specifically identified and measurable to plan, manage, coordinate, and execute Communication, Network, and Information Technology Services Management.</p> <p>FY 2022 Plans: Funds will continue to support all labor, support equipment, and training required for the NEC operations at WSMR and YPG.</p> <p>FY 2023 Plans:</p>		13.786	14.002	14.422

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2021	FY 2022	FY 2023
Funds will continue to support all labor, support equipment, and training required for the NEC operations at WSMR and YPG.				
FY 2022 to FY 2023 Increase/Decrease Statement: Increase due to inflation and program requirements.				
Title: Cybersecurity Service Provider (CSSP)		1.679	1.704	2.020
Description: This requirement supports compliance with DoD Directive (DoDD) 8530.1 and DoDI, which directed that all component information systems and computer networks be assigned to a certified CSSP and that all information systems and computer networks must enter into a service agreement with a CSSP. United States (U.S.) Army Cyber Command (ARCYBER) Operations Order (OPORD) 2014-224 directed all Commands/Direct Reporting Units (DRU) to take immediate measures to ensure Army assets connected to Defense Research and Engineering Network (DREN) and Secure Defense Research and Engineering Network (SDREN) enclaves are aligned with the U.S. Army Research Laboratory as their CSSP to ensure cyber defense oversight and information security continuous monitoring going forward.				
FY 2022 Plans: Funds will continue to support cyber defense oversight and continuous monitoring of information security.				
FY 2023 Plans: Funds will continue to support cyber defense oversight and continuous monitoring of information security.				
FY 2022 to FY 2023 Increase/Decrease Statement: Funding increase due to inflation and program requirements.				
Title: Military Construction Mission Unique Equipment (MUE)		0.064	6.950	14.623
Description: ATEC was programmed one MILCON project a year from FY18 through FY20. MUE includes items that are movable and not affixed as an integral part of the MILCON facility, but are required to perform the mission of the facility and are required to be provided by the mission activity. In 2019, ATEC's FY18 and FY19 MILCON projects were deferred due to the National Emergency at the Southern Border, but were subsequently restored by the SECDEF; one each in FY20 and FY21.				
FY 2022 Plans: Funds will provide for the EPG Ground Transport Equipment Building (GTEB), the WSTC Information Systems Facility long lead items, and the RTC Aircraft Test Instrumentation and Integration Facility (ATIIF) programmed MILCON projects in FY22. The ATIIF will play a vital role in RTC's ability to support three high priority programs - all related to Future Vertical Lift (FVL). The programs are the Future Attack Reconnaissance Aircraft (FARA), Future Long-Range Assault Aircraft (FLRAA), and Improved				

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2021	FY 2022	FY 2023
<p>Turbine Engine (ITE) equipment. The GTEB will support the testing, evaluation, instrumentation, and integration of all ground support equipment with electronic warfare and intelligence, surveillance and reconnaissance systems.</p> <p>FY 2023 Plans: Funds will provide the bulk of the MUE (\$14.623) for the WSTC Information Systems Facility (ISF) funded MILCON project. The MUE must be procured starting in FY23 in order to be on hand to transfer data lines to new systems after physical construction is completed. Delay in USG receipt/provision of MUE puts the ISF ability to be fully mission capable at risk, while existing legacy systems and facility will need to maintain full functionality at increased costs.</p> <p>FY 2022 to FY 2023 Increase/Decrease Statement: Funding increase due to project specific needs. The FY23 request is for the majority of the MUE for the WSTC ISF MILCON project.</p>				
<p>Title: MRTFB Organizational Logistics Activities</p> <p>Description: In FY20, Army policy changed requiring organizational logistics functions be funded by organizational units and not LRCs. This funding supports those organizational logistics activities previously provided by LRCs to WSTC located at WSMR, YTC located at YPG and WDTC located at DPG. These activities provide a wide range of logistics support services including but not limited to asset management/property book support; equipment maintenance/ repair of ATEC owned maintenance significant items; small arms gaging and repair, dispatch of Army Owned/General Services Administration (GSA) vehicles and equipment; retail fuel support for vehicles and ground power generation equipment; driver's licensing; and transportation support for inbound and outbound equipment, freight and cargo.</p> <p>FY 2022 Plans: Funds will support organizational logistics requirements for WSTC located at WSMR, YTC located at YPG and WDTC located at DPG that were previously funded by LRCs. These organizational logistics requirements include but are not limited to asset management/ property book support; equipment maintenance/repair of ATEC owned maintenance significant items; small arms gaging and repair, dispatch of Army Owned/GSA vehicles and equipment; forward fuel support for vehicles and ground power generation equipment; driver's licensing; and transportation support for inbound and outbound equipment, freight and cargo.</p> <p>FY 2023 Plans: This funding supports MRTFB organizational logistics activities providing support to WSTC located at WSMR, YTC located at YPG and WDTC located at DPG. These activities provide a wide range of organizational logistics support services including but not limited to asset management/property book support; equipment maintenance/repair of ATEC owned maintenance significant items; small arms gaging and repair, dispatch of Army Owned/General Services Administration (GSA) vehicles and equipment;</p>		4.369	4.459	5.593

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2021	FY 2022	FY 2023
<p>retail fuel support for vehicles and ground power generation equipment; driver's licensing; and transportation support for inbound and outbound equipment, freight and cargo.</p> <p>FY 2022 to FY 2023 Increase/Decrease Statement: Funds are allocated based on program requirements. Increase in funding in support of Quality Assurance Specialist Ammunition Surveillance (QASAS) required at test ranges and actual cost of the level of effort.</p>				
<p>Title: ARCYBER- C4IM Services Support to WSMR</p> <p>Description: 3 CMEs- Provide contract support (C4IM services) at WSMR to non-Defense Research and Engineering Network (DREN) customers IAW MOA with ATEC. Supports IMCS contract for touch labor.</p> <p>FY 2022 Plans: The Fort Bliss Network Enterprise Center (NEC) shall continue to migrate users and services from the White Sands network to the Fort Bliss Network. Fort Bliss does not have enough storage and computing capacity to migrate all the Servers and User Data to Fort Bliss. The NEC requires additional storage and computing capacity to support these requirements. The system must integrate into the existing VMware platform, IFN architecture, and GFN architecture.</p> <p>FY 2023 Plans: The Fort Bliss Network Enterprise Center (NEC) shall continue to migrate users and services from the White Sands network to the Fort Bliss Network. Fort Bliss does not have enough storage and computing capacity to migrate all the Servers and User Data to Fort Bliss. The NEC requires additional storage and computing capacity to support these requirements. The system must integrate into the existing VMware platform, IFN architecture, and GFN architecture.</p> <p>FY 2022 to FY 2023 Increase/Decrease Statement: Change is due to program requirement adjustments.</p>		0.220	0.202	0.224
<p>Title: AMC / AFC Physical Security Officer Civ Pay</p> <p>Description: AMC / AFC Physical Security Officer Civ Pay</p> <p>FY 2022 Plans: AMC / AFC Physical Security Officer Civ Pay</p> <p>FY 2023 Plans: AMC / AFC Physical Security Officer Civ Pay</p> <p>FY 2022 to FY 2023 Increase/Decrease Statement:</p>		0.163	0.156	0.173

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2021	FY 2022	FY 2023
Funding change reflects planned lifecycle of this effort.				
<p>Title: Army Enterprise Business Systems (EBS) Consolidation ? SOMARDS Financial Management Information System (SOFIMS)</p> <p>Description: The Army consolidated Enterprise Business Systems (EBS) under the Acquisition Domain. The consolidation resulted in the transfer of funding \$229K to support the SOMARDS Financial Management Information System (SOFIMS). SOFIMS is the system utilized by ATEC to manager contractor time in tracking completion of test and evaluation projects. It serves as a data entry portal for contractor and time and costs in the Army?s General Fund Enterprise Business System (GFEBS).</p> <p>FY 2023 Plans: SOFIMS is due to sunset at the end of FY23 and be subsumed into a new business system, the ATEC Integrated Mission Management System (AIMMS).</p> <p>FY 2022 to FY 2023 Increase/Decrease Statement: Increase of funding provides SOFIMS contractor support to allow continued data collection.</p>		-	-	0.229
<p>Title: SBIR/STTR Transfer</p> <p>Description: Funding transferred in accordance with Title 15 USC ?638.</p> <p>FY 2022 Plans: Funding transferred in accordance with Title 15 USC ?638.</p> <p>FY 2022 to FY 2023 Increase/Decrease Statement: Funding transferred in accordance with Title 15 USC ?638.</p>		-	4.912	-
Accomplishments/Planned Programs Subtotals		350.366	354.125	401.643
		FY 2021	FY 2022	
<p>Congressional Add: Integrated Directed Energy Testing</p> <p>FY 2021 Accomplishments: Program increase supported management support for test, and evaluation efforts and funds to sustain and/or modernize test ranges by creating a center for high energy laser testing at White Sands Missile Range.</p> <p>Immediate upgrades were required to meet increased demand to enable T&E and experimentation of advanced directed energy weapon systems. Funding provided new equipment and infrastructure needed to meet imminent</p>		15.000	-	

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Army		Date: April 2022	
Appropriation/Budget Activity 2040 / 6	R-1 Program Element (Number/Name) PE 0605601A / Army Test Ranges and Facilities	Project (Number/Name) F30 / Army Test Ranges & Facilities	
		FY 2021	FY 2022
time frames to address three of the six Army modernization priorities, while delivering a foundation for more comprehensive long term solutions to meet future requirements.			
Work executed under the direction of the Rapid Capabilities and Critical Technologies Office.			
Congressional Add: Distributed Environment for System-of-System Cybersecurity Testing FY 2021 Accomplishments: Congressional Add supported Cybersecurity Vulnerability and Assessment Test Environment (CVATE) at Redstone Test Center.		25.000	-
Congressional Add: Program Increase: Counter-Unmanned Aerial System High Energy Laser Platform Integration FY 2022 Plans: Program increase for management support for test and evaluation efforts in support of Counter-Unmanned Aerial System High Energy Laser Platform Integration. This project provides an integrated government-owned Counter-small Unmanned Aerial System (C-sUAS) capability for combat system experimentation and analysis to inform Tactics, Techniques, and Procedures for testing, training, and operational employment of high energy lasers for negating Unmanned Aerial System (UAS) threat systems. This project develops two assets, provides a training and test architecture and environment for soldier centered training and experimentation in an operational environment. Work performed by the Rapid Capabilities and Critical Technologies Office (RCCTO), in Huntsville, Alabama.		-	10.000
Congressional Add: Environmental Characterization for Test Operations FY 2022 Plans: Congressional Add for Environmental Characterization for Test Operations.		-	3.000
Congressional Adds Subtotals		40.000	13.000
C. Other Program Funding Summary (\$ in Millions)			
N/A			
Remarks			
D. Acquisition Strategy			
N/A			