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Exhibit R-2, RDT&E Budget Item Justification: PB 2021 Army **Date:** February 2020

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>							
COST (\$ in Millions)	Prior Years	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost
Total Program Element	-	311.027	336.468	350.359	-	350.359	352.011	387.866	363.417	340.779	0.000	2,441.927
F30: <i>Army Test Ranges & Facilities</i>	-	311.027	336.468	350.359	-	350.359	352.011	387.866	363.417	340.779	0.000	2,441.927

A. Mission Description and Budget Item Justification

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, are in place 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 capabilities required to support Army as well as Joint Service 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, Unmanned Ground Vehicles, Air and Missile Defense Systems, Engineering Equipment, Direct fire, Indirect fire, Nonlethal weapons, Ammunition, Automotive Systems, Intelligence Surveillance and Reconnaissance, Ground Soldier Systems, Missiles, Rockets, Mission Command Network, Tactical Command, Control, and Communications, and Robotics/Unmanned Autonomous Systems. These T&E capabilities enable AFC modernization efforts and readiness.

Specific systems supported in Fiscal Year (FY) 2020 with continued support in FY 2021 include: 105-mm Mobile Wheeled Howitzer; 30mm/40mm ammunition; Active Protection System (APS); AH-64 Block III; AN/MPQ-64A3 Sentinel 3-D Radar; APR-39C(V)1 Radar; Armored Multi-Purpose Vehicle (AMPV); Army Integrated Air-Missile Defense (AIAMD); Army Tactical Missile System (ATACMS); CH-47F Chinook; Common Infrared Counter Measures (CIRCM); Common Robotic System-Individual (CRS-I); Counter Unmanned Aircraft System (c-UAS); Counter Rocket Artillery Mortar (C-RAM); Enhanced Heavy Equipment Transporter System (EHETS)/Medium Equipment Trailer (MET); Enhanced Night Vision Goggle - Binocular (ENVG-B); Expedient Leader Follower; Extended Range Cannon Artillery (ERCA); Family of Medium Tactical Vehicles (FMTV); Guided Multiple Launch Rocket System (GMLRS); Hypervelocity Gun Weapon System; Integrated Tactical Network (ITN), Javelin; Joint Air-to-Ground Missile (JAGM) for US Navy; Joint Light Tactical Vehicle (JLTV); Leader Radio; M109A7 Paladin/M992A3 Field Artillery Ammunition Supply Vehicle

UNCLASSIFIED

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(FAASV); M1147 Advanced Multi-Purpose X(AMP); M1A2 Abrams SEPv2 Next Evolution Armor (NEA); M-2/3 Bradley Expedited Active Protection System (ExAPS); M-2/3 Bradley Fist; M776 Chrome Tube; M777 Long Range Cannon; Maneuver Short Range Air Defense (M-SHORAD); Mobile Protected Firepower (MPF); Modular Handgun System (MHS); Optionally Manned Fighting Vehicle; Patriot 3 (PAC-3) Precision Guidance Kit (PGK); Precision Strike Missile (PrSM); Robotic Combat Vehicle (RCV); Shadow Tactical Unmanned Aircraft System (TUAS); Squat Multipurpose Equipment Transport (SMET); Stinger Shelf life Extension Program (SLEP); Stryker; Systems for Assured Position, Navigation and Timing (PNT); Terminal High-Altitude Area Defense (THAAD); and UH-60M Black Hawk.

B. Program Change Summary (\$ in Millions)	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
Previous President's Budget	315.634	334.468	341.811	-	341.811
Current President's Budget	311.027	336.468	350.359	-	350.359
Total Adjustments	-4.607	2.000	8.548	-	8.548
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	2.000			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-4.607	-			
• Adjustments to Budget Years	-	-	8.548	-	8.548

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

Project: F30: *Army Test Ranges & Facilities*

Congressional Add: *Cybersecurity Vulnerability and Assessment Test Environment (CVATE)*

Congressional Add: *Soil Research for Army Training Ranges*

Congressional Add Subtotals for Project: F30

Congressional Add Totals for all Projects

	FY 2019	FY 2020
	10.000	-
	-	2.000
Congressional Add Subtotals for Project: F30	10.000	2.000
Congressional Add Totals for all Projects	10.000	2.000

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2021 Army										Date: February 2020		
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 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost
F30: Army Test Ranges & Facilities	-	311.027	336.468	350.359	-	350.359	352.011	387.866	363.417	340.779	0.000	2,441.927
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 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 as well as Joint Service 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, Unmanned Ground Vehicles, Air and Missile Defense Systems, Engineering Equipment, Direct fire, Indirect fire, Nonlethal weapons, Ammunition, Automotive Systems, Intelligence Surveillance and Reconnaissance, Ground Soldier Systems, Missiles, Rockets, Mission Command Network, Tactical Command, Control, and Communications, and Robotics/Unmanned Autonomous Systems. These T&E capabilities enable AFC modernization efforts and readiness.

Specific systems supported in FY 2020 with continued support in FY 2021 include: 105-mm Mobile Wheeled Howitzer; 30mm/40mm ammunition; APS; AH-64 Block III; AN/MPQ-64A3 Sentinel 3-D Radar; APR-39C(V)1 Radar; AMPV; AIAMD; ATACMS; CH-47F Chinook; CIRCM; CRS-I; c-UAS; C-RAM; EHETS/MET; ENVG-B; Expedient Leader Follower; ERCA; FMTV; GMLRS; Hypervelocity Gun Weapon System; ITN; Javelin; JAGM for US Navy; JLTV; Leader Radio; M109A7 Paladin/ M992A3 FAASV; M1147 AMP X; M1A2 Abrams SEPv2 NEA; M-2/3 Bradley ExAPS; M-2/3 Bradley Fist; M776 Chrome Tube; M777 Long Range Cannon; M-SHORAD; MPF; MHS; Optionally Manned Fighting Vehicle; PAC-3; PGK; PrSM; RCV; Shadow TUAS; SMET; Stinger SLEP; Stryker; Systems for Assured PNT; THAAD; and UH-60M Black Hawk.

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

	FY 2019	FY 2020	FY 2021
Title: Mission Support	65.180	85.906	89.974

UNCLASSIFIED

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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 2019	FY 2020	FY 2021
<p>Description: Funds support: test equipment upgrades and maintenance; 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 2020 Plans: Funds will continue to support test equipment upgrades and maintenance; 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)) in accordance with DODI 3200.18 and DODFMR 7000.14-R.</p> <p>FY 2021 Plans: Funds will continue to support test equipment upgrades and maintenance; 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 2020 to FY 2021 Increase/Decrease Statement: Increase in funding will support sustainment of the 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 2020 Plans:</p>	143.263	149.297	155.038

UNCLASSIFIED

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2019	FY 2020	FY 2021
<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 2021 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 2020 to FY 2021 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 2020 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 2021 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 2020 to FY 2021 Increase/Decrease Statement: Reduction in contract workforce will limit ATEC's ability to support all projected work. AFC has prioritized ATEC workload and all AFC and other high priority programs will not be impacted. ATEC will take risk on lower priority efforts.</p>		53.658	53.914	41.445
Title: Revitalization/Upgrade		8.363	5.000	5.000

UNCLASSIFIED

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2019	FY 2020	FY 2021
<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 2020 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 improving test and evaluation capabilities for the highest priority Army programs.</p> <p>FY 2021 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 improving T&E capabilities for the highest priority Army programs such as PrSM and Future Long Range Assault Aircraft (FLRAA).</p>				
<p>Title: Physical Security Guards and Equipment</p> <p>Description: This funding supports security guards mandated by regulation to guard ATEC's Fast Burst Nuclear Reactor (FBR) at WSTC located at WSMR IAW Army Regulation (AR) 190-54 (Security of Nuclear Reactors and Special Nuclear Materials) and 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. The physical security equipment consists of electronic security systems composed of access/egress control systems, closed-circuit television (CCTV), 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 190-59, AR 190-17, AR 190-11, AR 190-13, and AR 190-51.</p> <p>FY 2020 Plans: Funds will support the physical security guards and equipment for the Fast Burst Nuclear Reactor at WSMR and Chemical Biological facilities at DPG.</p> <p>FY 2021 Plans:</p>		11.157	12.726	12.964

UNCLASSIFIED

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2019	FY 2020	FY 2021
Funds will support the physical security guards and equipment for the FBR at WSTC located at WSMR and CB facilities at WDTC located at DPG.				
FY 2020 to FY 2021 Increase/Decrease Statement: Increase due to inflation for civilian pay and routine program adjustments.				
Title: UH-60 Aircraft		4.516	5.855	5.972
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.				
FY 2020 Plans: Funds will support UH-60 helicopter maintenance, aircrew labor, mandatory training and aircraft flying hours.				
FY 2021 Plans: Funds will support UH-60 helicopter maintenance, aircrew labor, mandatory training and aircraft flying hours.				
FY 2020 to FY 2021 Increase/Decrease Statement: Change is due to program requirement adjustments.				
Title: Network Enterprise Center (NEC)		12.936	12.587	13.786
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.				
FY 2020 Plans: Funds will support all labor, support equipment, and training required for the Network Enterprise Center operations at WSTC and YTC.				
FY 2021 Plans: Funds will support all labor, support equipment, and training required for the NEC operations at WSMR and YPG.				
FY 2020 to FY 2021 Increase/Decrease Statement: Change is due to program requirement adjustments.				
Title: Cybersecurity Service Provider (CSSP)		1.557	1.818	1.836

UNCLASSIFIED

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B. Accomplishments/Planned Programs (\$ in Millions)	FY 2019	FY 2020	FY 2021
<p>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.</p> <p>FY 2020 Plans: Funds will support cyber defense oversight and continuous monitoring of information security.</p> <p>FY 2021 Plans: Funds will support cyber defense oversight and continuous monitoring of information security.</p> <p>FY 2020 to FY 2021 Increase/Decrease Statement: Minor change due to inflation adjustments.</p>			
<p>Title: Military Construction Mission Unique Equipment (MUE)</p> <p>Description: In 2017, the Army programmed ATEC's top six Military Construction (MILCON) projects, in response to Congressional interest in the lack of investment and sustainment of MRTFBs and the associated risk to the development of future technology. This unanticipated event has resulted in an emergent requirement for the necessary MUE associated with each project. MUE includes items that are movable and not affixed as an integral part of the facility, but are required to perform the mission of the facility.</p> <p>FY 2020 Plans: Funds will support two MUE projects. The Electronic Proving Ground (EPG) Ground Transport Equipment Building Complex will support vehicle and equipment maintenance and provide platforms for the testing, analysis, and storage of C4I systems and Signal Intelligence, and Electronic Combat (EC)/Electronic Warfare (EW) equipment. The White Sands Test Center (WSTC) Information Systems Facility (ISF) will serve as the main hub to inter-connect internal and external White Sands Missile Range (WSMR) data and voice networks used by all test programs, range operations, and other DOD organizations.</p> <p>FY 2021 Plans: Funds will support two MUE projects. The RTC Aircraft Test, Instrumentation and Integration Facility (ATIIF) will support instrumentation and maintenance operations, provide the necessary security for sensitive test-related items (to include the aircraft and test support equipment), and provide protection from the weather for the assigned aircraft. The ATIIF will play a vital role in</p>	-	7.000	19.900

UNCLASSIFIED

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2019	FY 2020	FY 2021
<p>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 Turbine Engine (ITE) equipment.</p> <p>FY 2020 to FY 2021 Increase/Decrease Statement: Funds are allocated based on program requirements.</p>				
<p>Title: Logistics Readiness Center (LRC)</p> <p>Description: This funding supports logistics activities providing support to WSTC located at WSMR, YTC located at YPG, WDTC located at DPG, and RTC located at Redstone Arsenal. These LRC activities provide a wide range of logistics support 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; 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 2021 Plans: Funds will support logistics activities providing support to WSTC located at WSMR, YTC located at YPG, WDTC located at DPG, and RTC located at Redstone Arsenal. These LRC activities provide a wide range of logistics support 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/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 2020 to FY 2021 Increase/Decrease Statement: Funds are allocated based on program requirements.</p>		-	-	4.068
<p>Title: FY 2018 National Defense Authorization Act (NDAA) Section 825 Major Defense Acquisition Program (MDAP) Cost Overrun</p> <p>Description: FY 2018 NDAA Section 825 MDAP Cost Overrun</p>		0.042	-	-
<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 2020 Plans: The Fort Bliss Network Enterprise Center (NEC) has a new requirement 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</p>		0.203	0.207	0.214

UNCLASSIFIED

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B. Accomplishments/Planned Programs (\$ in Millions)	FY 2019	FY 2020	FY 2021
<p>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 2021 Plans: The Fort Bliss Network Enterprise Center (NEC) will 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 2020 to FY 2021 Increase/Decrease Statement: xxx</p>			
<p>Title: AMC / AFC Physical Security Officer Civ Pay</p> <p>Description: AMC / AFC Physical Security Officer Civ Pay</p> <p>FY 2020 Plans: AMC / AFC Physical Security Officer Civ Pay</p> <p>FY 2021 Plans: AMC / AFC Physical Security Officer Civ Pay</p> <p>FY 2020 to FY 2021 Increase/Decrease Statement: Funding change reflects planned lifecycle of this effort.</p>	0.152	0.158	0.162
Accomplishments/Planned Programs Subtotals	301.027	334.468	350.359

	FY 2019	FY 2020
Congressional Add: Cybersecurity Vulnerability and Assessment Test Environment (CVATE)	10.000	-
FY 2019 Accomplishments: Cybersecurity Vulnerability and Assessment Test Environment (CVATE)		
Congressional Add: Soil Research for Army Training Ranges	-	2.000
FY 2020 Plans: Soil Research for Army Training Ranges		
Congressional Adds Subtotals	10.000	2.000

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

UNCLASSIFIED

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

Remarks

D. Acquisition Strategy
N/A