Department of Defense
Fiscal Year (FY) 2022 Budget Estimates

May 2021

Defense Counterintelligence and Security Agency

Defense-Wide Justification Book Volume 5 of 5

Research, Development, Test & Evaluation, Defense-Wide

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Department of Defense
FY 2022 President's Budget
Exhibit R-1 FY 2022 President's Budget
Total Obligational Authority
(Dollars in Thousands)

05 May 2021

Appropriation	FY 2020 Actual*	FY 2021 Enacted**	FY 2022 Request
Research, Development, Test & Eval, DW	14,431	133,167	158,595
Total Research, Development, Test & Evaluation	14,431	133,167	158,595

R-122BAS: FY 2022 President's Budget (Total Base Published Version), as of May 5, 2021 at 10:00:22

Department of Defense
FY 2022 President's Budget
Exhibit R-1 FY 2022 President's Budget
Total Obligational Authority   05 May 2021
(Dollars in Thousands)

Summary Recap of Budget Activities	FY 2020 Actual*	FY 2021 Enacted**	FY 2022 Request
Operational Systems Development	14,431	23,491	35,025
Software And Digital Technology Pilot Programs		109,676	123,570
Total Research, Development, Test & Evaluation	14,431	133,167	158,595

Summary Recap of FYDP Programs			
Intelligence and Communications	4,364	8,700	27,946
Research and Development	9,653	124,054	128,925
Classified Programs	414	413	1,724
Total Research, Development, Test & Evaluation	14,431	133,167	158,595

R-122BAS: FY 2022 President's Budget (Total Base Published Version), as of May 5, 2021 at 10:00:22

Defense-Wide
FY 2022 President's Budget
Exhibit R-1 FY 2022 President's Budget
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R-122BAS: FY 2022 President's Budget (Total Base Published Version), as of May 5, 2021 at 10:00:22

Defense-Wide
FY 2022 President's Budget
Exhibit R-1 FY 2022 President's Budget
Total Obligational Authority   05 May 2021
(Dollars in Thousands)

Appropriation	FY 2020 Actual*	FY 2021 Enacted**	FY 2022 Request

Defense Counterintelligence & Security Agency

    Total Research, Development, Test & Evaluation

R-122BAS: FY 2022 President's Budget (Total Base Published Version), as of May 5, 2021 at 10:00:22

Defense-Wide
FY 2022 President's Budget
Exhibit R-1 FY 2022 President's Budget
Total Obligational Authority   05 May 2021
(Dollars in Thousands)

Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2020 Actual*	FY 2021 Enacted**	FY 2022 Request	Sec
200	0604130V	Enterprise Security System (ESS)	07	9,653	14,378	5,355	U
224	0303430V	Federal Investigative Services Information Technology	07			15,326	U
230	0305128V	Security and Investigative Activities	07	2,400	5,700	8,800	U
233	0305146V	Defense Joint Counterintelligence Activities	07			3,820	U
244	0305327V	Insider Threat	07	1,964	3,000		U
9999	9999999999	Classified Programs		414	413	1,724	U
		Operational Systems Development		14,431	23,491	35,025	
271	0608197V	National Background Investigation Services - Software Pilot Program	08		109,676	123,570	U
		Software And Digital Technology Pilot Programs			109,676	123,570	
		Total Research, Development, Test & Eval, DW		14,431	133,167	158,595	

R-122BAS: FY 2022 President's Budget (Total Base Published Version), as of May 5, 2021 at 10:00:22

Defense Counterintelligence & Security Agency
FY 2022 President's Budget
Exhibit R-1 FY 2022 President's Budget
Total Obligational Authority
(Dollars in Thousands)

05 May 2021

Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2020 Actual*	FY 2021 Enacted**	FY 2022 Request	Sec
200	0604130V	Enterprise Security System (ESS)	07	9,653	14,378	5,355	U
224	0303430V	Federal Investigative Services Information Technology	07			15,326	U
230	0305128V	Security and Investigative Activities	07	2,400	5,700	8,800	U
233	0305146V	Defense Joint Counterintelligence Activities	07			3,820	U
244	0305327V	Insider Threat	07	1,964	3,000		U
		Operational Systems Development		14,017	23,078	33,301	
271	0608197V	National Background Investigation Services - Software Pilot Program	08		109,676	123,570	U
		Software And Digital Technology Pilot Programs			109,676	123,570	
		Total Defense Counterintelligence & Security Agency		14,017	132,754	156,871	

R-122BAS: FY 2022 President's Budget (Total Base Published Version), as of May 5, 2021 at 10:00:22

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Program Element Table of Contents (by Budget Activity then Line Item Number)

Appropriation 0400: Research, Development, Test & Evaluation, Defense-Wide

Appropriation 0400: Research, Development, Test & Evaluation, Defense-Wide

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Program Element Table of Contents (Alphabetically by Program Element Title)

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Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Defense Counterintelligence and Security Agency										Date: May 2021	

Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*					R-1 Program Element (Number/Name) PE 0604130V I *Enterprise Security System (ESS)*						

COST ($ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
Total Program Element	132.595	9.653	14.378	5.355	-	5.355	-	-	-	-	Continuing	Continuing
000: *Enterprise Security System (ESS)*	132.595	9.653	14.378	5.355	-	5.355	-	-	-	-	Continuing	Continuing

Note
 The decrease is a realignment of funding for the DISS to PE 0303430V and ADX funding to PE 0305146V.

A. Mission Description and Budget Item Justification
 The Defense Counterintelligence Security Agency (DCSA) is a strategic asset to the nation and our allies – continuously ensuring a trusted federal, industrial, and affiliated workforce, and enabling industry's delivery of uncompromised capabilities by leveraging advanced technologies and innovation. DCSA uniquely blends critical technology protection, trusted personnel vetting, counterintelligence, and professional education and certification to advance and preserve America's strategic edge.

B. Program Change Summary ($ in Millions)

	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Previous President's Budget	7.945	14.378	14.632	-	14.632
Current President's Budget	9.653	14.378	5.355	-	5.355
Total Adjustments	1.708	0.000	-9.277	-	-9.277
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	0.000	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Element Realignment	1.708	-	-9.277	-	-9.277

Change Summary Explanation
 National Industrial Security System (NISS) development effort consists of continued enhancements in response to user community requirements. These requirements include enhancements to Key Management Personnel (KMP) monitoring, NATO Control Point Inspection Triage Outreach Program, NISP Oversight Report, Outgoing Foreign Visits and enabling Industry to initiate Facility Profile updates. A separate, parallel development effort will facilitate a SIPR NISS baseline to allow alternative Single Sign-On (SSO) capability to National Industrial Security Program (NISP) Central Access Information Security System (NCAISS), as well as Cross Domain Solution (CDS) for movement of NIPR-based data to SIPR for subsequent reporting and data aggregation. Development activities will include interface work between NISS and the Defense Information System for Security (DISS), NISP Contracts Classification System (NCCS)

PE 0604130V: *Enterprise Security System (ESS)*
Defense Counterintelligence and Security Agency

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Exhibit R-2, **RDT&E Budget Item Justification:** PB 2022 Defense Counterintelligence and Security Agency		**Date:** May 2021
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*	**R-1 Program Element (Number/Name)** PE 0604130V *I Enterprise Security System (ESS)*	

and Enterprise Mission Assurance Support Service (eMASS) systems as well as initial planning for refactoring of NISS functionality into National Background Investigative Services (NBIS).

PE 0604130V: *Enterprise Security System (ESS)*
Defense Counterintelligence and Security Agency

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Defense Counterintelligence and Security Agency											Date: May 2021	
Appropriation/Budget Activity 0400 *I* 7					**R-1 Program Element (Number/Name)** PE 0604130V *I Enterprise Security System (ESS)*					**Project (Number/Name)** 000 *I Enterprise Security System (ESS)*		
COST ($ in Millions)	**Prior Years**	**FY 2020**	**FY 2021**	**FY 2022 Base**	**FY 2022 OCO**	**FY 2022 Total**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**Cost To Complete**	**Total Cost**
000: *Enterprise Security System (ESS)*	132.595	9.653	14.378	5.355	-	5.355	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Defense Counterintelligence Security Agency (DCSA) manages the Enterprise Security System (ESS) to provide effective, real-time, security support capabilities for Military Departments, DoD Agencies, the NISP, and other Federal Agencies. In compliance with the Expanded Electronic Government, President's Management Agenda, and the DoD Enterprise Architecture Framework, Enterprise Security System (ESS) is the unified offering of security mission systems to facilitate and automate improved national investigative standards, streamline security processes, and increase DoD community collaboration.

DCSA Mission Information Technology (IT) systems provide critical service to the major DCSA mission areas for Industrial Security Oversight and Security Education. DCSA performs this function through the operation of its mission production systems to include the National Industrial Security System (NISS) and the DCSA Gateway. RDT&E for DCSA mission systems primarily include pre-planned product enhancements and improvements to the applications, research and improvements to assure information sharing to better posture systems and networks against vulnerabilities, ensure self-defense of systems and networks, and safeguarding data at all stages to increase efficiencies through web-based systems to manage certification and accreditation activities. These IT systems are as follows:

National Industrial Security System (NISS, formerly known as Field Operations System (FOS). NISS is the next generation functional replacement for the Industrial Security Facility Database system (ISFD) and supports end to end facility identification and registration processing, Foreign Ownership Control or Influence (FOCI) mitigation, and supports Personnel Vetting business processes. NISS provides a centralized web-based platform for National Industrial Security Program (NISP) personnel to manage the industrial security facility clearance process; from request initiation to approval (or rejection) storage of all associated data, and provides a centralized process for users to submit, update, search, and view facility verification requests.

National Contract Classification System (NCCS). NCCS is a web-based system that automates the DD Form 254 for contract security classification specification submission; provides submitter with intuitive form of instructions, drop-down selections, and linkage to relevant contract information for completing the form; and provides user access control, query/search, notification, tracking, and reporting capabilities for accountability of all contract security classification specifications. The Federal Acquisition Regulation (FAR) requires a DD Form 254 for each classified contract, and the National Industrial Security Operating Manual (NISPOM)(4-103a) requires a DD 254 be issued by the government with each Invitation for Bid, Request for Proposal, or Request for Quote. The DD Form 254 provides a contractor (or a subcontractor) the security requirements and classification guidance necessary to perform on a classified contract. The purpose of the Contract Security Classification Specification required by DoD 5220.22-4, Industrial Security Regulation and the National Industrial Security Program Operating Manual (NISPOM) is to develop a federated system for the oversight and management of classified information access and guidance to perform on classified contracts. The DD 254, an underlying business process, is critical to ensure access to our Nation's classified information is safeguarded.

PE 0604130V: *Enterprise Security System (ESS)*
Defense Counterintelligence and Security Agency

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Exhibit R-2A, **RDT&E Project Justification:** PB 2022 Defense Counterintelligence and Security Agency		**Date:** May 2021
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0604130V *I Enterprise Security System (ESS)*	**Project (Number/Name)** 000 *I Enterprise Security System (ESS)*

National Industrial Security Program (NISP) DCSA NISP Central Access and Information Security System (NCAISS) a web-based Identity Management (IdM) enterprise portal, PKI compliant point-of-entry to the suite of services offered by DCSA, which controls user service accessibility through single sign-on authentication. User service-level permissions are verified, and authorized services are offered accordingly. Control Access and Information Security System (NCAISS) formerly known as Identity Management (IdM). NCAISS is mandatory for compliance with Department of Defense (DoD) Public Key Infrastructure (PKI) Program Management Office and Office of the Assistant Secretary of Defense for Networks and Information Integration (ASD-NII), Joint Task Force for Global Networks Operations (JTF-GNO) Communications Tasking Order (CTO) 06-02, CTO 07-015, and Office of Management and Budget (OMB) Memo 11-11 (M-11-11), which directed accelerated use of PKI access across the enterprise. This initiative is designed to enable multiple DCSA business systems to have service-accessibility that is controlled through PKI-compliant single sign-on authentication. Potential expanded use of the NCAISS across the DCSA enterprise to provide CAC-based authentication for business support applications on the SIPRNet and JWICS domains, provide enhanced identity and access control analytics. It incorporates any remaining DCSA operated application into the DcSA NCAISS solution.

DCSA is establishing a Controlled Unclassified Information (CUI) program for industry that requires development and implementation of tools that support integration with cybersecurity monitoring, threat indications and warning, and supply chain illumination to protect critical technology. The development of a Security Rating Score (SRS) and its integration with the Contract Performance Assessment System will inform defense acquisition decisions and prioritize DCSA Industrial Security with active monitoring of companies in a single system of record. Funding will purchase data licenses for supply chain illumination tools that can be integrated into CUI cybersecurity assessments and will include business process tools to integrate data and manage DCSA business unit inputs from industrial and personnel security inputs. Funds will also support use of Artificial Intelligence / Machine Learning to accelerate and enhance cyber I&W via predictive analytics.

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2020**	**FY 2021**	**FY 2022**
Title: Systems Enhancement	9.653	14.378	5.355
Description: 1. Deployed NISS Increment 2 IOC. Initiate development of NISS Increment 3. Increment 3 will include enhancements to KMP monitoring, NATO CPI, Triage Outreach Program, NISP Oversight Report, and Outgoing Foreign Visits. Initiate Independent Verification and Validation (IV&V) and Government Acceptance Testing (GAT) of Increment 2. IV&V and GAT findings will be addressed. 2. NCCS. Continue scheduled enhancements through version releases and sustainment. Agile development approach will continue with two release cycles per year. Address any findings/bugs/issues encountered from Independent Verification and Validation (IV&V) and Government Acceptance Testing (GAT). 3. NCAISS. Continue integration and application sustainment costs under the sustainment contract, with some software upgrades.3. NCAISS. Continue integration and application sustainment activities. *FY 2021 Plans:* 1.) NISS. Continue development of NISS NIPR enhancements. Development of NISS SIPR Increment, IOC projected by Q4 FY20. 2.)Initiate development of NISS Cross Domain Solution (CDS)			

PE 0604130V: *Enterprise Security System (ESS)*
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	Date: May 2021

Exhibit R-2A, **RDT&E Project Justification:** PB 2022 Defense Counterintelligence and Security Agency

Appropriation/Budget Activity 0400 *I* 7	R-1 Program Element (Number/Name) PE 0604130V *I Enterprise Security System* *(ESS)*	Project (Number/Name) 000 *I Enterprise Security System (ESS)*

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2020**	**FY 2021**	**FY 2022**
3.) NIPR NISS Enhancements to Key Management Personnel (KMP) monitoring, NATO CPI, Triage Outreach Program, NISP Oversight Report, Outgoing Foreign Visits and Facility Profile. 4.) Refine Processes and Requirements for Critical Threat Protection (CTP). 5.)Initiate Independent Verification and Vaidatoin (IV&V) and Government Acceptance Testing (GAT) of NIPR and SIPR NISS IV&V and GAT findings will be addressed. ***FY 2022 Plans:*** The application will require both MilCloud and alternative cloud instances for National Background Investigative Services (NBIS) refactoring related activities. Hardware and software required for the SIPR NISS instance will double overall development ramp-up costs. NISS interfaces with DISS, NCCS and eMASS will drive additional developer expense, with only initial requirements or Technical Interchanges having been conducted to-date. Development efforts for enhancements (Key Management Personnel (KMP) monitoring, NATO CPI, Triage Outreach Program, NISP Oversight Report, and Outgoing Foreign Visits) were delayed due to a late FOC for NISS NIPR baseline. ***FY 2021 to FY 2022 Increase/Decrease Statement:*** The decrease from FY21 to FY22 is attributed to the realignment of funding for programs DISS to PE (0303430V) and ADX to PE (0305146V).			
Accomplishments/Planned Programs Subtotals	9.653	14.378	5.355

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

D. Acquisition Strategy
 DCSA will use a variety of acquisition strategies such as Indefinite Delivery, Indefinite Quantity (IDIQ), Blanket Purchase Agreements (BPA), and multiple or single award contracts for the development of new applications, enhancement of other applications, and perform system integration with COTS and GOTS solutions and technology. These efforts will reduce the contract award process lead time and contract overhead, improve technical solutions, deployments, and deliver more effective and efficient automation projects for DCSA and the NISP community.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2022 Defense Counterintelligence and Security Agency													Date: May 2021	
Appropriation/Budget Activity 0400 *I* 7						**R-1 Program Element (Number/Name)** PE 0604130V *I Enterprise Security System (ESS)*						**Project (Number/Name)** 000 *I Enterprise Security System (ESS)*		

Product Development ($ in Millions)				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 Total				
Cost Category Item	**Contract Method & Type**	**Performing Activity & Location**	**Prior Years**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Cost To Complete**	**Total Cost**	**Target Value of Contract**
NISS Development	C/TBD	TBD : TBD	122.245	8.311	May 2020	5.784		4.615		-		4.615	Continuing	Continuing	-
NISS Development/ MilCloud	MIPR	DISA : Pensacola, FL	1.100	0.500	May 2020	0.000		0.500		-		0.500	Continuing	Continuing	-
NCAISS Development	Option/ BPA	Deloitt : Arlington VA	3.740	0.000		0.000		-		-		-	Continuing	Continuing	-
NCCS Development	MIPR	DLA : Philadelphia, PA	3.912	0.600	Oct 2019	0.000	Oct 2020	-		-		-	Continuing	Continuing	-
SBIR/STTR	MIPR	AT&L : Arlington, VA	1.598	0.242	May 2020	-		0.240	May 2021	-		0.240	Continuing	Continuing	-
ADX/JCITS	Option/ TBD	TBD : TBD	-	-		4.000	Apr 2020	-		-		-	Continuing	Continuing	-
DISS Development	TBD	TBD : TBD	-	-		4.594		-		-		-	Continuing	Continuing	-
		Subtotal	132.595	9.653		14.378		5.355		-		5.355	Continuing	Continuing	N/A

	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	**Cost To Complete**	**Total Cost**	**Target Value of Contract**
Project Cost Totals	132.595	9.653	14.378	5.355	-	5.355	Continuing	Continuing	N/A

Remarks

The Enterprise Security System supports development efforts of the next generation of integrated enterprise automated security solutions to replace DSS legacy IT systems to provide seamless integration of applications.

Exhibit R-4, **RDT&E Schedule Profile:** PB 2022 Defense Counterintelligence and Security Agency		**Date:** May 2021
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0604130V *I Enterprise Security System (ESS)*	**Project (Number/Name)** 000 *I Enterprise Security System (ESS)*

	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Enterprise Security System																												
Production and Deployment of Appllications																	▮	▮	▮	▮	▮	▮	▮	▮	▮	▮	▮	▮

	FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Enterprise Security System																												
Production and Deployment of Appllications	▮	▮	▮	▮	▮	▮	▮	▮	▮	▮	▮	▮	▮	▮	▮	▮	▮	▮	▮	▮	▮	▮						

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Exhibit R-4A, **RDT&E Schedule Details:** PB 2022 Defense Counterintelligence and Security Agency		**Date:** May 2021
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0604130V *I Enterprise Security System (ESS)*	**Project (Number/Name)** 000 *I Enterprise Security System (ESS)*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Enterprise Security System				
Production and Deployment of Appllications	1	2017	4	2025

PE 0604130V: *Enterprise Security System (ESS)*
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Exhibit R-2, **RDT&E Budget Item Justification:** PB 2022 Defense Counterintelligence and Security Agency		**Date:** May 2021
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*	**R-1 Program Element (Number/Name)** PE 0303430V *I Federal Investigative Services Information Technology*	

COST ($ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
Total Program Element	-	-	-	15.326	-	15.326	-	-	-	-	Continuing	Continuing
000: *Defense Information System for Security (DISS)*	-	0.000	0.000	15.326	-	15.326	-	-	-	-	Continuing	Continuing

A. Mission Description and Budget Item Justification

The Defense Counterintelligence Security Agency (DCSA) is a strategic asset to the nation and our allies – continuously ensuring a trusted federal, industrial, and affiliated workforce, and enabling industry's delivery of uncompromised capabilities by leveraging advanced technologies and innovation. DCSA uniquely blends critical technology protection, trusted personnel vetting, counterintelligence, and professional education and certification to advance and preserve America's strategic edge.
The Defense Information System for Security (DISS) transferred to DCSA from DHRA/ DMDC in FY2021. The DISS consolidates the DoD personnel security mission into an enterprise adjudicative case management system that will automate and improve national investigative and adjudicative standards to eliminate costly and inefficient work processes and increase information collaboration across the community. DISS provides comprehensive capabilities to perform processing and verification of security clearances for all DoD military personnel, civilians and contractors including the technology and processes to implement Continuous Evaluation.

The Continuous Evaluations IT System for NBIS funds sustained requirements for mandated unclassified and classified cross-domain automated data feeds for CE and modifies systems to enhance vetting with access to multi-domain data sources. Allows CE/CV across all three network fabrics as mandated in national personnel vetting strategy entitled Trusted Workforce 2.0. Expands IT capacity providing DCSA capability to conduct continuous vetting for the national security population for the entire Federal government.

B. Program Change Summary ($ in Millions)

	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	15.326	-	15.326
Total Adjustments	0.000	0.000	15.326	-	15.326
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Element Realignment	-	-	15.326	-	15.326

PE 0303430V: *Federal Investigative Services Informati...*
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Exhibit R-2A, **RDT&E Project Justification:** PB 2022 Defense Counterintelligence and Security Agency										**Date:** May 2021	
Appropriation/Budget Activity 0400 *I* 7				**R-1 Program Element (Number/Name)** PE 0303430V *I Federal Investigative Services Information Technology*						**Project (Number/Name)** 000 *I Defense Information System for Security (DISS)*	

COST ($ in Millions)	**Prior Years**	**FY 2020**	**FY 2021**	**FY 2022 Base**	**FY 2022 OCO**	**FY 2022 Total**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**Cost To Complete**	**Total Cost**
000: *Defense Information System for Security (DISS)*	-	0.000	0.000	15.326	-	15.326	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Defense Counterintelligence Security Agency (DCSA) is a strategic asset to the nation and our allies – continuously ensuring a trusted federal, industrial, and affiliated workforce, and enabling industry's delivery of uncompromised capabilities by leveraging advanced technologies and innovation. DCSA uniquely blends critical technology protection, trusted personnel vetting, counterintelligence, and professional education and certification to advance and preserve America's strategic edge. The Defense Information System for Security (DISS) transferred to DCSA from DHRA/ DMDC in FY2021. The DISS consolidates the DoD personnel security mission into an enterprise adjudicative case management system that will automate and improve national investigative and adjudicative standards to eliminate costly and inefficient work processes and increase information collaboration across the community. DISS provides comprehensive capabilities to perform processing and verification of security clearances for all DoD military personnel, civilians and contractors including the technology and processes to implement Continuous Evaluation.

The Continuous Evaluations IT System for National Background Investigation Service (NBIS) funds sustained requirements for mandated unclassified and classified cross-domain automated data feeds for Continuous Evaluation (CE) and modifies systems to enhance vetting with access to multi-domain data sources. Allows CE/CV across all three network fabrics as mandated in national personnel vetting strategy entitled Trusted Workforce 2.0. Expands IT capacity providing DCSA capability to conduct continuous vetting for the national security population for the entire Federal government.

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2020**	**FY 2021**	**FY 2022**
Title: Defense Information System for Security (DISS)/ Continuous Evaluations Data Feeds *Description:* The Defense Information System for Security (DISS) consolidates the DoD personnel security mission into an enterprise adjudicative case management system that will automate and improve national investigative and adjudicative standards to eliminate costly and inefficient work processes and increase information collaboration across the community to provide comprehensive capabilities to perform processing and verification of security clearances for all DoD military personnel, civilians, and contractors including the technology and processes that need to be addressed in order to implement Continuous Evaluation. *FY 2022 Plans:* DCSA will move to a limited operational environment to allow the transition of the JPAS customers and data to DISS to support the sunset of JPAS and provide continuing enhancements required by the DoD, Federal, and industrial customer base.	-	-	15.326

Exhibit R-2A, **RDT&E Project Justification:** PB 2022 Defense Counterintelligence and Security Agency		**Date:** May 2021
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0303430V *I Federal Investigative Services Information Technology*	**Project (Number/Name)** 000 *I Defense Information System for Security (DISS)*

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2020**	**FY 2021**	**FY 2022**
Sustains and modifies systems to enhance vetting with access to multi-domain data sources. Data feeds are required to comply with policy from the Office of the Director of National Intelligence for reciprocity. ***FY 2021 to FY 2022 Increase/Decrease Statement:*** 1. There is no growth in program funding for DISS realigned from PE 0604130V 2. Provides funding for CE data feeds to provide multi-domain data sources.			
Accomplishments/Planned Programs Subtotals	-	-	15.326
Defense Information System for Security (DISS)	0.000	0.000	0.000
Defense Counterintelligence and Security Agency Subtotals	-	-	15.326

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

D. Acquisition Strategy
 DCSA will use a variety of acquisition strategies such Blanket Purchase Agreements (BPA), and multiple or single award contracts for the development of new applications, enhancement of other applications, and perform system integration with COTS and GOTS solutions and technology. These efforts will reduce the contract award process lead time and contract overhead, improve technical solutions, deployments, and deliver more effective and efficient automation projects for DCSA.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2022 Defense Counterintelligence and Security Agency														Date: May 2021	

Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0303430V / Federal Investigative Services Information Technology	Project (Number/Name) 000 / Defense Information System for Security (DISS)

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2020 Cost	FY 2020 Award Date	FY 2021 Cost	FY 2021 Award Date	FY 2022 Base Cost	FY 2022 Base Award Date	FY 2022 OCO Cost	FY 2022 OCO Award Date	FY 2022 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Defense Information System for Security (DISS)	Option/ TBD	TBD : TBD	-	-		-		4.426	Jul 2022	-		4.426	Continuing	Continuing	-
CE Data Feeds	TBD	TBD : TBD	-	-		-		10.900		-		10.900	Continuing	Continuing	-
Subtotal			-	-		-		15.326		-		15.326	Continuing	Continuing	N/A

	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Subtotals	-	-	0.000	15.326	-	15.326	Continuing	Continuing	N/A
Defense Information System for Security (DISS)	-	0.000	0.000	0.000	0.000	0.000			-
Project Cost Totals	-	-	-	15.326	-	15.326	0.000	0.000	-

Remarks

Exhibit R-4, **RDT&E Schedule Profile:** PB 2022 Defense Counterintelligence and Security Agency		**Date:** May 2021
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0303430V *I Federal Investigative Services Information Technology*	**Project (Number/Name)** 000 *I Defense Information System for Security (DISS)*

	FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Defense Information System for Security (DISS)																												
Defense Information System for Security (DISS)												███	███	███	███	███	███	███	███	███	███	███	███	███	███			
CE DATA FEEDS																												
CE DATA FEEDS												███	███	███	███	███	███	███	███	███								

Exhibit R-4A, **RDT&E Schedule Details:** PB 2022 Defense Counterintelligence and Security Agency		**Date:** May 2021
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0303430V *I Federal Investigative Services Information Technology*	**Project (Number/Name)** 000 *I Defense Information System for Security (DISS)*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Defense Information System for Security (DISS)				
Defense Information System for Security (DISS)	4	2022	3	2026
CE DATA FEEDS				
CE DATA FEEDS	4	2022	3	2024

PE 0303430V: *Federal Investigative Services Informati...*
Defense Counterintelligence and Security Agency

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Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Defense Counterintelligence and Security Agency											Date: May 2021	

Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*						R-1 Program Element (Number/Name) PE 0305128V *I Security and Investigative Activities*						

COST ($ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
Total Program Element	0.000	2.400	5.700	8.800	-	8.800	-	-	-	-	Continuing	Continuing
000: *Social Media*	0.000	2.400	5.700	8.800	-	8.800	-	-	-	-	Continuing	Continuing

A. Mission Description and Budget Item Justification

Starting in FY 2022, the Vetting Risk Operations Center (VROC) develops and implements a scalable capability to include Publicly Available Electronic Information (PAEI), including social media, into background investigations in accordance with Security Executive Agent Directive 5 (SEAD-5) and aligned to the Trusted Workforce 2.0 personnel vetting reform initiative. VROC access to PAEI also fulfills the Secretary's requirements to improve the vetting of International Military Students who intend to or are currently receiving training within the continental U.S. The investment develops collection, analysis, and reporting tools for PAEI, including as social media, in support of national security eligibility determinations. DoD studies have identified PAEI as a unique data source to identify key behaviors that are potentially derogatory under the Allegiance, Foreign Influence, Foreign Preference, and Personal Conduct guidelines of the National Security Adjudication Guidelines. Data received from PAEI is often not found anywhere else in the course of the personnel vetting cycle. To utilize PAEI within the Department, on a national security population of ~3.6M individuals, the Department is developing a scalable, cost-effective, and automated capability. A PAEI investment will deliver a capability flexible to changing cultural conditions, policy requirements, and emerging threats, while simultaneously able to constantly monitor millions of people on hundreds of social media platforms with billions of individual data points, aggregate and curate that data, identify potential risk, and seamlessly provide notification in a digestible analytical product to a human for risk mitigation.

B. Program Change Summary ($ in Millions)

	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Previous President's Budget	2.400	5.700	8.800	-	8.800
Current President's Budget	2.400	5.700	8.800	-	8.800
Total Adjustments	0.000	0.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			

PE 0305128V: *Security and Investigative Activities*
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Exhibit R-2A, RDT&E Project Justification: PB 2022 Defense Counterintelligence and Security Agency											Date: May 2021	

| Appropriation/Budget Activity 0400 / 7 | | | | R-1 Program Element (Number/Name) PE 0305128V / *Security and Investigative Activities* | | | | | | | Project (Number/Name) 000 / *Social Media* | |

COST ($ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
000: *Social Media*	0.000	2.400	5.700	8.800	-	8.800	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Starting in FY 2022, the Vetting Risk Operations Center (VROC) develops and implements a scalable capability to include Publicly Available Electronic Information (PAEI), including social media, into background investigations in accordance with Security Executive Agent Directive 5 (SEAD-5) and aligned to the Trusted Workforce 2.0 personnel vetting reform initiative. VROC access to PAEI also fulfills the Secretary's requirements to improve the vetting of International Military Students who intend to or are currently receiving training within the continental U.S. The investment develops collection, analysis, and reporting tools for PAEI, including as social media, in support of national security eligibility determinations. DoD studies have identified PAEI as a unique data source to identify key behaviors that are potentially derogatory under the Allegiance, Foreign Influence, Foreign Preference, and Personal Conduct guidelines of the National Security Adjudication Guidelines. Data received from PAEI is often not found anywhere else in the course of the personnel vetting cycle. To utilize PAEI within the Department, on a national security population of ~3.6M individuals, the Department is developing a scalable, cost-effective, and automated capability. A PAEI investment will deliver a capability flexible to changing cultural conditions, policy requirements, and emerging threats, while simultaneously able to constantly monitor millions of people on hundreds of social media platforms with billions of individual data points, aggregate and curate that data, identify potential risk, and seamlessly provide notification in a digestible analytical product to a human for risk mitigation

The Risk Rating Tool (RRT) identifies individuals with high risk stressors mapped to the 13 Adjudicative guidelines. Use of the Risk Rating Tool for case management and enrollment into High, Medium, Low Continuous Vetting Tier management is projected to generate cost avoidance in data acquisition by focusing resources on high risks rather than a randomly selected process. Execution of small scale prototypes or pilots will facilitate demonstrating value added before full scale integration, ensuring funds are not executed on an effort that cannot scale or meet all requirements. The Risk Rating Tool funds the development of data focused on individuals demonstrating high risk behaviors as identified by machine learning modeling approaches.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2020	FY 2021	FY 2022
Title: Social Media	2.400	5.700	8.800
Description: Starting in FY 2022, the Vetting Risk Operations Center (VROC) develops and implements a scalable capability to include Publicly Available Electronic Information (PAEI), including social media, into background investigations in accordance with Security Executive Agent Directive 5 (SEAD-5) and aligned to the Trusted Workforce 2.0 personnel vetting reform initiative. VROC access to PAEI also fulfills the Secretary's requirements to improve the vetting of International Military Students who intend to or are currently receiving training within the continental U.S. The investment develops collection, analysis, and reporting tools for PAEI, including as social media, in support of national security eligibility determinations. DoD studies have identified PAEI as a unique data source to identify key behaviors that are potentially derogatory under the Allegiance, Foreign Influence, Foreign Preference, and Personal Conduct guidelines of the National Security Adjudication Guidelines. Data received from PAEI			

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Exhibit R-2A, **RDT&E Project Justification:** PB 2022 Defense Counterintelligence and Security Agency		**Date:** May 2021
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0305128V *I Security and Investigative A* *ctivities*	**Project (Number/Name)** 000 *I Social Media*

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2020**	**FY 2021**	**FY 2022**
is often not found anywhere else in the course of the personnel vetting cycle. To utilize PAEI within the Department, on a national security population of ~3.6M individuals, the Department is developing a scalable, cost-effective, and automated capability. A PAEI investment will deliver a capability flexible to changing cultural conditions, policy requirements, and emerging threats, while simultaneously able to constantly monitor millions of people on hundreds of social media platforms with billions of individual data points, aggregate and curate that data, identify potential risk, and seamlessly provide notification in a digestible analytical product to a human for risk mitigation. *FY 2021 Plans:* 1. RRT. Continue development of RRT models with integration of results in future system of use with the national Background Investigation System. 2. Establishment of a Research & innovation Fund for Behavioral Research and policy impacts/recommendations as well as state of the art testing and evaluation of capabilities that can support continuous vetting and provide cost savings *FY 2022 Plans:* Funds development of automated PAEI scraping, stratification, and analysis of PAEI data. Funds graphical user interface to support case management processes, user experience, and efficient analysis and decision-making. Funds the creation and maturation of artificial intelligence to increase automated capabilities. Funds interconnectivity with various government systems to ensure seamless and timely flow of PAEI data and analysis. *FY 2021 to FY 2022 Increase/Decrease Statement:* The increase from FY21 is a realignment of funding from O&M to fund the development and fielding of an automated platform capable of collection, analysis, and reporting of PAEI, including social media, in support of national security eligibility determinations of the highest risk cleared population, while supporting the vetting of both military accessions and international military students.			
Title: NA	0.000	-	-
Accomplishments/Planned Programs Subtotals	2.400	5.700	8.800

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

Remarks

D. Acquisition Strategy
 N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2022 Defense Counterintelligence and Security Agency													**Date:** May 2021	

Appropriation/Budget Activity 0400 / 7		**R-1 Program Element (Number/Name)** PE 0305128V / *Security and Investigative Activities*	**Project (Number/Name)** 000 / *Social Media*

Product Development ($ in Millions)				**FY 2020**		**FY 2021**		**FY 2022 Base**		**FY 2022 OCO**		**FY 2022 Total**			
Cost Category Item	**Contract Method & Type**	**Performing Activity & Location**	**Prior Years**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Cost To Complete**	**Total Cost**	**Target Value of Contract**
Risk Rating Tool - GOTS Model Development	MIPR	Army Analytics Group : Monterey, California	-	2.200	Sep 2019	5.500	Sep 2020	-		-		-	Continuing	Continuing	-
Risk Rating Tool - COTS Model Development	MIPR	Army Analytics Group : Monterey, California	-	0.200	Aug 2019	0.200	Aug 2020	-		-		-	Continuing	Continuing	-
Social Media	C/FFP	TBD : TBD	-	-		-		8.800		-		8.800	Continuing	Continuing	-
Subtotal			-	2.400		5.700		8.800		-		8.800	Continuing	Continuing	N/A

	Prior Years	**FY 2020**		**FY 2021**		**FY 2022 Base**		**FY 2022 OCO**		**FY 2022 Total**	**Cost To Complete**	**Total Cost**	**Target Value of Contract**
Project Cost Totals	-	2.400		5.700		8.800		-		8.800	Continuing	Continuing	N/A

Remarks

Exhibit R-4, **RDT&E Schedule Profile:** PB 2022 Defense Counterintelligence and Security Agency		**Date:** May 2021
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0305128V / *Security and Investigative Activities*	**Project (Number/Name)** 000 / *Social Media*

	FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Risk Rating Tool																												
Production and Deployment			██	██	██	██	██																					
Social Media																												
Production and Deployment										██	██	██	██	██	██	██	██	██	██									

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Exhibit R-4A, **RDT&E Schedule Details:** PB 2022 Defense Counterintelligence and Security Agency		**Date:** May 2021
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0305128V *I Security and Investigative Activities*	**Project (Number/Name)** 000 *I Social Media*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Risk Rating Tool				
Production and Deployment	3	2020	4	2021
Social Media				
Production and Deployment	2	2022	3	2024

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Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Defense Counterintelligence and Security Agency											Date: May 2021	
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*					**R-1 Program Element (Number/Name)** PE 0305146V I *Defense Joint Counterintelligence Activities*							

COST ($ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
Total Program Element	-	-	-	3.820	-	3.820	-	-	-	-	Continuing	Continuing
000: *Adaptive Data Exchange (ADX)*	-	-	-	3.820	-	3.820	-	-	-	-	Continuing	Continuing

Note

The Adaptive Data Exchange (ADX) effort continued from PE 0604130V/Enterprise Security System (ESS).

A. Mission Description and Budget Item Justification

The Defense Counterintelligence Security Agency (DCSA) is a strategic asset to the nation and our allies – continuously ensuring a trusted federal, industrial, and affiliated workforce, and enabling industry's delivery of uncompromised capabilities by leveraging advanced technologies and innovation. DCSA uniquely blends critical technology protection, trusted personnel vetting, counterintelligence, and professional education and certification to advance and preserve America's strategic edge.

B. Program Change Summary ($ in Millions)

	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	3.820	-	3.820
Total Adjustments	0.000	0.000	3.820	-	3.820
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Element Realignment	-	-	3.820	-	3.820

Change Summary Explanation

(CUI) The Adaptive Data Exchange (ADX)- is an Advanced Persistent Threat (APT) focused cyber threat intelligence sensor platform applying advanced, threat adaptive analysis techniques for early alerting and engagement of the cyber adversary across the entire kill chain.

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Defense Counterintelligence and Security Agency										Date: May 2021	
Appropriation/Budget Activity 0400 / 7				R-1 Program Element (Number/Name) PE 0305146V / Defense Joint Counterintelligence Activities					Project (Number/Name) 000 / Adaptive Data Exchange (ADX)		

COST ($ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
000: Adaptive Data Exchange (ADX)	-	-	-	3.820	-	3.820	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

The Adaptive Data Exchange (ADX) effort is funded in PE 0604130V in FY2021.

A. Mission Description and Budget Item Justification

Defense Counterintelligence Security Agency (DCSA) administers ADX funding for cyber protection at cleared defense contractor sites.. Funds are provided to FBI NCIJTF to further develop and integrate a combination of advanced, data adaptive analytic techniques that provide near real-time, high confidence detection across network perimeter, internal and distributed cyber threat activities.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2020	FY 2021	FY 2022
Title: Adaptive Data Exchange (ADX) **Description:** ADX generated multiple technical threat reports disseminated to FBI Field Office and the US Intelligence Community **FY 2022 Plans:** CUI) Enable unclassified teaming and integration with additional government and industry to integrate applications and data; Scale up and out platform architecture, deployments and data centers. **FY 2021 to FY 2022 Increase/Decrease Statement:** FY2022 increase of 3.820 is attributed to the realignment from the ESS PE: 0604130V.	-	-	3.820
Accomplishments/Planned Programs Subtotals	-	-	3.820

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

(CUI) FY 20-21,O&M services, 80%; hardware/software/data, 20%
(CUI) FY 21-22, O&M/R&D Services, 99%; hardware/software/data, 1%
(CUI) FY22-23, O&M/R&D Services, 96.5%; hardware/software/data, 3.5%
(CUI) FY23-24, O&M/R&D Services, 98%; hardware/software/data, 2%

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| **Exhibit R-3**, **RDT&E Project Cost Analysis:** PB 2022 Defense Counterintelligence and Security Agency | | | | | | | | | | | | | | **Date:** May 2021 | | |

Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0305146V / *Defense Joint Counterintelligence Activities*	**Project (Number/Name)** 000 / *Adaptive Data Exchange (ADX)*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2020 Cost	FY 2020 Award Date	FY 2021 Cost	FY 2021 Award Date	FY 2022 Base Cost	FY 2022 Base Award Date	FY 2022 OCO Cost	FY 2022 OCO Award Date	FY 2022 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Adaptive Data Exchange (ADX)	Option/ TBD	TBD : TBD	-	-		-		3.820	Apr 2022	-		3.820	Continuing	Continuing	-
		Subtotal	-	-		-		3.820		-		3.820	Continuing	Continuing	N/A

	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	-	0.000	3.820	-	3.820	Continuing	Continuing	N/A

Remarks

Exhibit R-4, **RDT&E Schedule Profile:** PB 2022 Defense Counterintelligence and Security Agency	**Date:** May 2021

Appropriation/Budget Activity 0400 I 7	**R-1 Program Element (Number/Name)** PE 0305146V I *Defense Joint Counterintelligence Activities*	**Project (Number/Name)** 000 I *Adaptive Data Exchange (ADX)*

	FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Adaptive Data Exchange (ADX)																												
Adaptive Data Exchange (ADX)									███████████																			

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Exhibit R-4A, **RDT&E Schedule Details:** PB 2022 Defense Counterintelligence and Security Agency			**Date:** May 2021	
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0305146V *I Defense Joint Counterintelligence Activities*		**Project (Number/Name)** 000 *I Adaptive Data Exchange (ADX)*	

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Adaptive Data Exchange (ADX)				
Adaptive Data Exchange (ADX)	3	2022	3	2023

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Exhibit R-2, **RDT&E Budget Item Justification:** PB 2022 Defense Counterintelligence and Security Agency	**Date:** May 2021

Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*	**R-1 Program Element (Number/Name)** PE 0305327V *I Insider Threat*

COST ($ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
Total Program Element	29.456	1.964	3.000	-	-	-	-	-	-	-	Continuing	Continuing
002: *Insider Threat*	29.456	1.964	3.000	-	-	-	-	-	-	-	Continuing	Continuing

A. Mission Description and Budget Item Justification

The two programs which fall under Insider Threat are DoD Insider Threat Management and Analysis Center (DITMAC) and National Center for Credibility Assessment (NCCA)

DITMAC: Oversees the mitigation of insider threats to DoD and U.S. Government installations, facilities, personnel, missions, or resources; assesses enterprise-level risks, refers recommendations for action, synchronizes responses, and oversees resolution of identified issues on the insider threats. Develops enterprise-level risk reporting criteria (thresholds) to facilitate component reporting of potential threat information and assesses the effectiveness of actions taken by reporting elements to address, mitigate, or resolve the threat posed to DoD missions and resources; Supports the Office of the USD(I) in establishing standards to ensure the DoD Insider Threat Program comply with applicable statutes, Executive Orders, and other national and DoD regulations and policies that specify insider threat program requirements. Provides a single repository for enterprise-level DoD insider threat-related information; and promotes the collaboration and sharing of the insider threat information among DoD Components.

NCCA: Conducts credibility assessment training and education, research and development, technical support, and oversight activities for federal polygraph and credibility assessment mission partners. This program is to clinically and scientifically evaluate ocular-motor deception detection capabilities and determine their performance parameters, including how accurately they are able to classify deceptive and non-deceptive individuals. This program is to clinically and scientifically evaluate ocular-motor deception detection capabilities and determine their performance parameters, including how accurately they are able to classify deceptive and non-deceptive individuals. These funds will support the NCCA efforts to collect EyeDetect data from one or more field locations.

B. Program Change Summary ($ in Millions)

	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Previous President's Budget	1.964	0.000	0.000	-	0.000
Current President's Budget	1.964	3.000	0.000	-	0.000
Total Adjustments	0.000	3.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	3.000			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			

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Exhibit R-2A, **RDT&E Project Justification:** PB 2022 Defense Counterintelligence and Security Agency										**Date:** May 2021	
Appropriation/Budget Activity 0400 **/** 7				**R-1 Program Element (Number/Name)** PE 0305327V **/** *Insider Threat*						**Project (Number/Name)** 002 **/** *Insider Threat*	
COST ($ in Millions)	**Prior Years**	**FY 2020**	**FY 2021**	**FY 2022 Base**	**FY 2022 OCO**	**FY 2022 Total**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**Cost To Complete**	**Total Cost**
002: *Insider Threat*	29.456	1.964	3.000	-	-	-	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

DITMAC: Oversees the mitigation of insider threats to DoD and U.S. Government installations, facilities, personnel, missions, or resources; Assesses enterprise-level risks, refers recommendations for action, synchronizes responses, and oversees resolution of identified issues on the insider threats; Develops enterprise-level risk reporting criteria (thresholds) to facilitate component reporting of potential threat information and assess the effectiveness of actions taken by reporting elements to address, mitigate, or resolve the threat posed to DoD missions and resources; Supports the Office of the USD(I) in establishing standards to ensure that the DoD Insider Threat Program comply with applicable statutes, Executive Orders, and other national and DoD regulations and policies that specify insider threat program requirements; Provides a single repository for enterprise-level DoD insider threat-related information; and promotes the collaboration and the sharing of insider threat information among DoD Components.

NCCA: Conducts credibility assessment training and education, research and development, technical support, and oversight activities for federal polygraph and credibility assessment mission partners. This program is to clinically and scientifically evaluate ocular-motor deception detection capabilities and determine their performance parameters, including how accurately they are able to classify deceptive and non-deceptive individuals. These funds will support the NCCA efforts to collect EyeDetect data from one or more field locations.

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2020**	**FY 2021**	**FY 2022**
Title: DITMAC System of System / National Center for Credibility Assessment	1.964	3.000	-
Description: Development of capabilities to better serve the insider threat community, and align with Personnel Vetting mission. Maturing of the systems has facilitated increased use of the DITMAC System of Systems (DSoS) as the case management system for DoD Component's insider threat mission from 11 reported in 2017 to 37 as of 4th quarter 2018. The system redesign provides the next generation platform that can pace and align with the expanding mission. The re-architecture will deliver a new platform that fosters communication/information sharing, adaptability, and an enhanced cyber posture while reducing annual investments in software licensing and technical support. NCCA program is to clinically and scientifically evaluate ocular-motor deception detection capabilities and determine their performance parameters, including how accurately they are able to classify deceptive and non-deceptive individuals. These funds will support the NCCA efforts to collect EyeDetect data from one or more field locations. *FY 2021 Plans:* To continue efforts to collect field data for the purpose of having non-clinical data to evaluate along-side of pristine clinical data collected			

Exhibit R-2A, **RDT&E Project Justification:** PB 2022 Defense Counterintelligence and Security Agency		**Date:** May 2021
Appropriation/Budget Activity 0400 **/** 7	**R-1 Program Element (Number/Name)** PE 0305327V **/** *Insider Threat*	**Project (Number/Name)** 002 **/** *Insider Threat*

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2020**	**FY 2021**	**FY 2022**
as part of project. Also resource the procurement of systems, licenses, software upgrades, and training support, necessary to employ systems in forward deployed and more austere conditions. The NCCA is in the early phases of planning for 1 or 2 field trials to occur within the FY21-22 cycle. This might also involve incorporating the ocular-motor deception Testing (ODT) capability into the Computer-generated Agent (CGA) capability that has recently been identified as a research priority of DCSA. There is no DITMAC System of Systems (DSoS) planned in FY21 due to Full Operational Capability (FOC). ***FY 2021 to FY 2022 Increase/Decrease Statement:*** The increase in FY21 is attributed to a one time Congressional Add to supports NCCA's mission.			
Accomplishments/Planned Programs Subtotals	1.964	3.000	-

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

D. Acquisition Strategy
 N/A

Exhibit R-3, **RDT&E Project Cost Analysis:** PB 2022 Defense Counterintelligence and Security Agency												**Date:** May 2021		

Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0305327V / *Insider Threat*	**Project (Number/Name)** 002 / *Insider Threat*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
DITMAC System Of Systems	C/CPFF	NOVETTA : Mclean, VA	29.456	1.964	Sep 2020	-		-		-		-	-	-	-
National Center for Credibility Assessment	MIPR	DoE : TBD	-	-		3.000	Aug 2021	-		-		-	Continuing	Continuing	-
Subtotal			29.456	1.964		3.000		-		-		-	Continuing	Continuing	N/A

	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	29.456	1.964	3.000	-	-	-	Continuing	Continuing	N/A

Remarks

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Exhibit R-4, **RDT&E Schedule Profile:** PB 2022 Defense Counterintelligence and Security Agency		**Date:** May 2021
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	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Insider Threat																												
Production Development													▉	▉	▉	▉	▉	▉	▉	▉	▉	▉	▉	▉	▉	▉	▉	▉
National Center for Credibility Assessment																												
Production Development																												

	FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Insider Threat																												
Production Development	▉	▉	▉	▉																								
National Center for Credibility Assessment																												
Production Development							▉	▉	▉	▉	▉																	

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Exhibit R-4A, **RDT&E Schedule Details:** PB 2022 Defense Counterintelligence and Security Agency		**Date:** May 2021
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0305327V *I Insider Threat*	**Project (Number/Name)** 002 *I Insider Threat*

<div align="center">Schedule Details</div>

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Insider Threat				
Production Development	4	2015	4	2020
National Center for Credibility Assessment				
Production Development	3	2021	4	2022

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Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Defense Counterintelligence and Security Agency											Date: May 2021	

Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 8: *Software and Digital Technology Pilot Programs*						R-1 Program Element (Number/Name) PE 0608197V *I National Background Investigation Services - Software Pilot Program*						

COST ($ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
Total Program Element	0.000	0.000	109.676	123.570	-	123.570	-	-	-	-	Continuing	Continuing
000: *National Background Investigation Services - Software Pilot Program*	0.000	0.000	109.676	123.570	-	123.570	-	-	-	-	Continuing	Continuing

A. Mission Description and Budget Item Justification

The Defense Counterintelligence and Security Agency (DCSA) acquires, develops, and deploys software to support the development of a modernized Federal Government background investigations information technology (IT) system(s) to replace the current OPM legacy IT systems and provide a highly secured infrastructure. DoD assumed modernization efforts beginning in FY 2017, as decided by the Interagency Deputies Committee and the Office of Management and Budget (OMB). Funds support the development, sustainment, technical refresh of hardware and software, Cloud migration, and program management costs to develop and field a modernized Federal Investigation System. This modernized data architecture will leverage and extend the existing secure Information Technology capabilities inherent to DoD infrastructure to the federal-wide background investigation processes and data archives. This approach will provide essential security information, protect the identities, lives, and livelihoods of the BI applicants and the family members and associates identified as part of BI records. The aim is to avert or eliminate the continuous and dynamic threat of identity theft, financial espionage and other attacks on this personal information, while providing a secure basis for background investigations necessary to Federal and DoD operations.

Using proven data architecture and prioritizing security, DCSA will leverage critical and inherent information technology (IT) security capabilities; identify means and methods to efficiently and securely access digital services; enhance systems necessary to operate the background investigation processes and associated vast reservoirs of data and interfaces; provide Government-wide tools to assist agencies with workforce management; and, develop and provide investigative products that comply with the new, Federal Investigations Standards and Workforce 2.0. Resources will be used to implement and sustain agency network upgrades and security software maintenance to ensure a stronger, more reliable, and better protected network architecture for conducting background investigations. Costs include program management activities, payroll for security specialists, engineers, data architects, and business process management activities to develop, test, and deploy the new capability. As capabilities are fielded NBIS and DCSA will provide system maintenance, security licenses and operational support to the system and users worldwide.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Defense Counterintelligence and Security Agency				Date: May 2021	
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 8: *Software and Digital Technology Pilot Programs*			**R-1 Program Element (Number/Name)** PE 0608197V *I National Background Investigation Services - Software Pilot Program*		

B. Program Change Summary ($ in Millions)	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Previous President's Budget	0.000	121.676	123.570	-	123.570
Current President's Budget	0.000	109.676	123.570	-	123.570
Total Adjustments	0.000	-12.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-12.000			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			

Change Summary Explanation

The NBIS will provide a secure end-to-end IT architecture for USG Personnel Vetting Enterprise. The increase from FY2021 provides investigative, adjudicative and continuous vetting capabilities consistent with emerging Trusted Workforce 2.0 requirements. Fielding phased NBIS-based capabilities will reduce and then eliminate the inefficient and more costly manual processes by employing state of the art workflow systems and automated record checking. NBIS eliminates security vulnerabilities and incorporates enhanced security architecture and processes. This allows NBIS to integrate deferred capabilities due to the FY21 reduction into the four releases scheduled in FY2022. The DoD and Federal customers have identified requirements for Mirador migration and integration, alert management, identity validation, case management for levels 1-3, automated records check of data sources, predictive analytics, and automated decision tools. This increase facilitates accomplishing Background Investigations Initial Operating Capability in late 3QFY22.

Exhibit R-2A, RDT&E Project Justification: PB 2022 Defense Counterintelligence and Security Agency											**Date:** May 2021	
Appropriation/Budget Activity 0400 *I* 8						**R-1 Program Element (Number/Name)** PE 0608197V *I National Background Investigation Services - Software Pilot Program*					**Project (Number/Name)** 000 *I National Background Investigation Services - Software Pilot Program*	

COST ($ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
000: *National Background Investigation Services - Software Pilot Program*	0.000	0.000	109.676	123.570	-	123.570	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Defense Counterintelligence and Security Agency acquires, develops, and deploys software and manages digital talent. The National Background Investigation Services (NBIS) will be used in support of the government-wide background investigation process; replacing the OPM's case management legacy systems that were breached in 2015. The NBIS enhances security, meets new policy requirements, reduces the backlog of pending cases, and realizes cost avoidance as legacy systems are retired. The system establishes and streamlines the requirements intake (software factory model), implements the DevSecOps pipeline, standardizes test processes, automates unit component, and integration testing, implements cyber processes to achieve continuous ATO, consolidates help desk activities, and enhances monitoring capabilities.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2020	FY 2021	FY 2022
Title: Software Pilot Program	-	109.676	123.570
Description: The Defense Counterintelligence and Security Agency acquires, develops, and deploys software and manages digital talent. The National Background Investigation Services (NBIS) will be used in support of government-wide background investigation process; replacing the OPM's legacy systems that were breached in 2015. The objectives of NBIS enhances security, meets new policy requirements, reduces the backlog of pending cases, and realizes cost avoidance as legacy systems are retired. The system establishes and streamlines the requirements intake (software factory model), implements the DevSecOps pipeline, standardizes test processes, automates unit component, and integration testing, implements cyber processes to achieve continuous ATO, consolidates help desk activities, and enhances monitoring capabilities. *FY 2021 Plans:* FY 2021 O&M Plans: $83.176 NBIS will continue to provide support functions for DMDC capabilities that are running in the DISA Data Centers along with the COOP to ensure continuous operations in event of system failure. NBIS will leverage programmatic, operations and support contracts to provide Program Control, Financial and Budget support as well as the Operations functions to support the Cloud environment and transition of existing and new services into the Gov Cloud environments. NBIS will provide travel, non-centralized training, credit card, supplies, new laptops, Joint Enterprise Licensing Agreement (JELA) costs, and common licensing costs in support of running a PEO and Program Office. Finally, in FY2021 NBIS will pay any residual moving costs required for the			

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Defense Counterintelligence and Security Agency		Date: May 2021
Appropriation/Budget Activity 0400 *I* 8	**R-1 Program Element (Number/Name)** PE 0608197V *I National Background Invest igation Services - Software Pilot Program*	**Project (Number/Name)** 000 *I National Background Investigation Services - Software Pilot Program*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2020	FY 2021	FY 2022
transition from the DISA campus to a DCSA facility. Additionally, under Budget Authority (BA) 8, the previous BA4 funds will be capitalized to offset the shortfalls in the previous BA7 funds to continue development of the evolving Investigation Services. FY 2021 RDT&E Plans: $38.500 DoD will continue to develop, enhance and improve the capabilities. As part of an Agile development process, the National Background Investigation System (NBIS) will deploy additional releases in FY21 to improve automation of the background investigation process, improve analytics to address insider threat analysis, improve continuous evaluation capabilities, and develop capabilities to meet additional Federal Agency requirements (e.g., Trusted Workforce 2.0). The system will continue to defend against cyber-attacks and improve defensibility by meeting new and evolving threats. Specifically, NBIS will continue to support Investigation Management (IM) Development for automation, new models, rules engines, and algorithms for optimization of assignments (i.e., continuous development); continue evolving the automation of IT infrastructure and DevSecOps tools and processes; implement Security Enterprise Architecture and Data Services to develop the capability to re-use data and analytics across multiple security missions, all while, simplifying system security and user access; supporting business transformation and late-derived requirements, technology change management, and Tier support for the NBIS Customers; identifying, developing, and testing multiple prototype efforts; and continuing to evolve and execute the adjusted implementation strategy based on lessons learned from prototype efforts and results of independent assessments. *FY 2022 Plans:* FY 2022 O&M Plans: $57,767 NBIS will continue to support DMDC capabilities that are running in the DISA Data Centers used by the NBIS and legacy services along with the COOP function. The PEO NBIS will continue to fund programmatic and operations and support contracts to provide Program Control, Financial and Budget support as well as the Operations functions to support the Cloud environment and transition of existing and new services into the GovCloud platform. NBIS will fund travel, non-centralized training, credit card, supplies, new laptops, Joint Enterprise Licensing Agreement (JELA) costs, and common licensing costs in support of running a PEO and Program Office. FY2022 RDT&E Plans: $65,803 The NBIS Investigations Management services will be supporting investigations and adjudications while additional development is being performed to optimize workflows, implement customer required enhancements, and refine existing analytics and develop additional analytics to meet customer requirements. Processes and services will be developed to safely, securely, and completely transfer completed investigation and adjudication data from the legacy systems into the secure NBIS data repositories. Development will continue for the transfer of Fingerprint operations from legacy services and data repositories into the Gov			

Exhibit R-2A, **RDT&E Project Justification:** PB 2022 Defense Counterintelligence and Security Agency		**Date:** May 2021
Appropriation/Budget Activity 0400 *I* 8	**R-1 Program Element (Number/Name)** PE 0608197V *I National Background Invest igation Services - Software Pilot Program*	**Project (Number/Name)** 000 *I National Background Investigation Services - Software Pilot Program*

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2020**	**FY 2021**	**FY 2022**
Cloud environments data repositories and the on-boarding of Data Sources will continue. NBIS will continue work on the multi-classification environment to place NBIS services on the main DoD networks while also supporting the Federal workforce. ***FY 2021 to FY 2022 Increase/Decrease Statement:*** The NBIS will provide a secure end-to-end IT architecture for USG Personnel Vetting Enterprise. The increase from FY2021 provides investigative, adjudicative and continuous vetting capabilities consistent with emerging Trusted Workforce 2.0 requirements. Fielding phased NBIS-based capabilities will reduce and then eliminate the inefficient and more costly manual processes by employing state of the art workflow systems and automated record checking. NBIS eliminates security vulnerabilities and incorporates enhanced security architecture and processes.			
Accomplishments/Planned Programs Subtotals	-	109.676	123.570

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

D. Acquisition Strategy
 N/A

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| **Exhibit R-3**, **RDT&E Project Cost Analysis:** PB 2022 Defense Counterintelligence and Security Agency | | | | | | | | | | | | | | | **Date:** May 2021 |

| **Appropriation/Budget Activity** 0400 / 8 | **R-1 Program Element (Number/Name)** PE 0608197V / *National Background Investigation Services - Software Pilot Program* | **Project (Number/Name)** 000 / *National Background Investigation Services - Software Pilot Program* |

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2020 Cost	FY 2020 Award Date	FY 2021 Cost	FY 2021 Award Date	FY 2022 Base Cost	FY 2022 Base Award Date	FY 2022 OCO Cost	FY 2022 OCO Award Date	FY 2022 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Key Capability Development	TBD	TBD : TBD	-	-		60.596		59.037		-		59.037	Continuing	Continuing	-
Testing & Cyber Assessment	MIPR	DISA : JITC	-	-		5.873		5.887		-		5.887	Continuing	Continuing	-
Infrastructure	MIPR	TBD : TBD	-	-		25.566		30.592		-		30.592	Continuing	Continuing	-
Mission Support	TBD	TBD : TBD	-	-		9.082		17.669		-		17.669	Continuing	Continuing	-
Program Management Support	TBD	TBD : TBD	-	-		8.559		10.385		-		10.385	Continuing	Continuing	-
Subtotal			-	-		109.676		123.570		-		123.570	Continuing	Continuing	N/A

Remarks

The Defense Counterintelligence and Security Agency (DCSA) acquires, develops, and deploys software to support the agile development of a modernized Federal Government background investigations information technology (IT) system(s) to replace the legacy OPM background investigative legacy IT systems, and provide a highly secured infrastructure. DoD assumed modernization efforts beginning in FY 2017, as decided by the Interagency Deputies Committee and the Office of Management and Budget (OMB). These Funds support the DevSecOps development, sustainment, technical refresh of hardware and software, Cloud migration, and program management costs to develop and field a modernized digital Federal Investigation System (FIS). This modernized data architecture leverages and extends the existing secure cloud-based Information Technology capabilities inherent to DoD infrastructure for the FIS enterprise service to the other Federal Agencies for their federal-wide background investigation processes and data archive purposes. This approach will securely provide essential security information and protect the identities, lives, and livelihoods of the BI applicants, their family members, and associates who are identified as part of BI records. The aim is to avert the continuous and dynamic threat of identity theft, financial espionage and other attacks on personal information, while providing a secure basis for background investigations necessary to Federal and DoD operations.

	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	-	109.676	123.570	-	123.570	Continuing	Continuing	N/A

Remarks

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Exhibit R-4, **RDT&E Schedule Profile:** PB 2022 Defense Counterintelligence and Security Agency		**Date:** May 2021
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	FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Key Capability Development																												
Key Capability Development								█	█	█	█	█	█	█														
Testing & Cyber Assessment																												
Testing & Cyber Assessment								█	█	█	█	█	█															
Infrastructure																												
Infrastructure								█	█	█	█	█	█	█														
Mission Support																												
Mission Support								█	█	█	█	█	█	█														
Program Management Support																												
Program Management Support								█	█	█	█	█	█	█														
Program Support																												
Program Management Support									█	█	█	█	█	█	█	█	█											
Capability Development																												
Key Capability Development										█	█	█	█	█	█	█	█	█	█	█	█	█	█					
Cyber Assessment & testing																												
Cyber Assessment & testing									█	█	█	█	█	█	█	█	█											
Infrastructure support																												
Infrastructure support										█	█	█	█	█	█	█	█	█	█	█	█	█	█					
Support Mission																												
Support Mission										█	█	█	█	█	█	█	█	█	█									

Exhibit R-4A, **RDT&E Schedule Details:** PB 2022 Defense Counterintelligence and Security Agency		**Date:** May 2021
Appropriation/Budget Activity 0400 *I* 8	**R-1 Program Element (Number/Name)** PE 0608197V *I National Background Investigation Services - Software Pilot Program*	**Project (Number/Name)** 000 *I National Background Investigation Services - Software Pilot Program*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Key Capability Development				
Key Capability Development	4	2021	4	2023
Testing & Cyber Assessment				
Testing & Cyber Assessment	4	2021	3	2023
Infrastructure				
Infrastructure	4	2021	4	2023
Mission Support				
Mission Support	4	2021	4	2023
Program Management Support				
Program Management Support	4	2021	4	2023
Program Support				
Program Management Support	2	2022	4	2024
Capability Development				
Key Capability Development	3	2022	3	2025
Cyber Assessment & testing				
Cyber Assessment & testing	2	2022	3	2024
Infrastructure support				
Infrastructure support	3	2022	3	2025
Support Mission				
Support Mission	2	2022	4	2024

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