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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2021 Defense Information Systems Agency **Date:** February 2020

<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 7: Operational Systems Development</i>	<b>R-1 Program Element (Number/Name)</b> PE 0303430K / <i>Federal Investigative Services Information Technology</i>
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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	116.743	59.870	44.001	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
KA1: <i>Federal Investigative Services Information Technology</i>	116.743	59.870	44.001	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

Develop an enterprise Information Technology (IT) architecture and data strategy for modernizing Investigative capabilities supporting background investigations (BI) (replacing capabilities such as Office of Personnel Management (OPM's) eAdjudication and eApplication). Provides a new, secure infrastructure and investigative support system for Department of Defense (DoD) and Federal Agencies utilizing web/cloud based capabilities and robust cybersecurity. Leverages DoD's cybersecurity capabilities and national security focus to protect government and contractors' personal and investigative information. Supports the distributed adjudication processes with built-in security; active governance structure, and a new national security culture based on process improvement/change management.

**B. Program Change Summary (\$ in Millions)**

	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021 Base</u>	<u>FY 2021 OCO</u>	<u>FY 2021 Total</u>
Previous President's Budget	55.400	44.001	14.500	-	14.500
Current President's Budget	59.870	44.001	0.000	-	0.000
Total Adjustments	4.470	0.000	-14.500	-	-14.500
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-1.467	-			
• Reprogramming	5.937	-	-	-	-
• Adjustments	-	-	-14.500	-	-14.500

**Change Summary Explanation**

The net increase of +\$4.470 in FY 2019 is attributed to (1) a decrease of -\$1.467 which reflects a transfer of funding to Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs and (2) an increase of +\$5.937 for additional support required for eApplication (eAPP) development which is the replacement for Electronic Questionnaires for Investigations Processing (eQIP) and additional prototype development to support investigations management.

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Decrease of -\$14.500 in FY 2021 is due to the transfer of the National Background Investigation Services (NBIS) Program Executive Office (PEO) manpower and funding from DISA to Defense Counterintelligence and Security Agency (DCSA). Ensures compliance with National Defense Authorization Act (NDAA) for Fiscal Year 2018, Section 925.

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

	FY 2019	FY 2020	FY 2021
<b>Title:</b> Background Investigation Information Technology Systems  <b>Description:</b> Implements the decision by the Interagency Deputies Committee and the Office of Management and Budget (OMB) to transfer responsibility for the development and sustainment of new Federal Government background investigation information technology (IT) system(s) from the OPM to the DoD beginning in FY 2017.  <b>FY 2020 Plans:</b> DoD will continue to enhance and improve the capabilities. As part of an Agile development process, the National Background Investigation System will deploy additional releases in FY 2020 to improve automation of the background investigative process, improve analytic to address insider threat analysis and improve continuous evaluation capabilities and develop capabilities to meet additional Federal Agencies requirements. The system will continue to defend against cyber-attacks and improve defensibility by meeting new and evolving threats.  <b>FY 2021 Plans:</b> N/A  <b>FY 2020 to FY 2021 Increase/Decrease Statement:</b> Decrease of -\$44.001 in FY 2021 is due to the transfer of the National Background Investigation Services (NBIS) Program Executive Office (PEO) manpower and funding from DISA to Defense Counterintelligence and Security Agency (DCSA). Ensures compliance with National Defense Authorization Act (NDAA)for Fiscal Year 2018, Section 925.	59.870	44.001	0.000
<b>Accomplishments/Planned Programs Subtotals</b>	59.870	44.001	0.000

**D. Other Program Funding Summary (\$ in Millions)**

<u>Line Item</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2021</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>Cost To</u>	<u>Total Cost</u>
			<u>Base</u>	<u>OCO</u>	<u>Total</u>					<u>Complete</u>	
• 0303430K, O&M: <i>Background Investigation Information Technology Systems</i>	64.745	82.046	0.000	-	0.000	0.000	0.000	0.000	0.000	146.791	146.791

**Remarks**

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<b>E. Acquisition Strategy</b> <ul style="list-style-type: none"><li>- Leverage existing secure infrastructure/capabilities coordinated with United States Cyber Command (USCYBERCOM) and Department of Defense (DoD) security functions</li><li>- Assess Key Performance Parameter (KPP) of existing Government-Off-The-Shelf (GOTS)/Commercial Off-the-Shelf (COTS) products for enterprise scaling</li><li>- Establish support agreements with capability/data providers</li><li>- Transition to Cloud Infrastructure and development, security and operations (DevSecOps) pipeline and refactor necessary capabilities for Cloud</li><li>- Incrementally test and release the 7 core capabilities using Agile software development methodology</li><li>- Government is the Lead System Integrator</li><li>- Contract Strategy<ul style="list-style-type: none"><li>-- Integrated Management (IM) prototype capability using Other Transactional Authority (Section 815 NDAA 2015/2016)</li><li>-- Re-use / extend successes from the IM prototype</li><li>-- Leverage investment in Defense Manpower Data Center (DMDC) developed capabilities for initial deployments:<ul style="list-style-type: none"><li>--- Fingerprint and biometrics processing (Continue to leverage)</li><li>--- Automated records checking (ARC) (Transition to system agnostic data broker &amp; Sunset)</li><li>--- Adjudication (Transition to integrated architecture with case management and Sunset)</li><li>--- Continuous evaluation (CE) (Transition to system agnostic data broker &amp; Sunset)</li></ul></li></ul></li><li>- Initiate Security Enterprise Architecture leveraging IdAM, Modular Workflow Engines, Artificial Intelligence, Machine Learning, and Natural Language Processing capabilities</li><li>- Re-factor ARC, CE, and Adjudication capabilities</li></ul>		



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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2021 Defense Information Systems Agency			<b>Date:</b> February 2020
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0303430K / <i>Federal Investigative Services Information Technology</i>	<b>Project (Number/Name)</b> KA1 / <i>Federal Investigative Services Information Technology</i>	

	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018			
	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
<b>NBIS</b>																												
IOC Testing																												
IOC Implementation																												
FOC Development																												
FOC Testing																												
FOC Implementation																												
<b>Post Deployment Improvement - Scheduled Releases</b>																												
Post Deployment Improvement - Scheduled Releases																												

	FY 2019				FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025			
	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
<b>NBIS</b>																												
IOC Testing																												
IOC Implementation																												
FOC Development																												
FOC Testing																												
FOC Implementation																												
<b>Post Deployment Improvement - Scheduled Releases</b>																												
Post Deployment Improvement - Scheduled Releases																												

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2021 Defense Information Systems Agency		<b>Date:</b> February 2020
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0303430K / <i>Federal Investigative Services Information Technology</i>	<b>Project (Number/Name)</b> KA1 / <i>Federal Investigative Services Information Technology</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>NBIS</b>				
IOC Testing	3	2017	4	2020
IOC Implementation	4	2017	1	2020
FOC Development	4	2017	2	2020
FOC Testing	2	2017	3	2021
FOC Implementation	4	2017	4	2021
<b>Post Deployment Improvement - Scheduled Releases</b>				
Post Deployment Improvement - Scheduled Releases	1	2020	4	2025