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

<b>Appropriation/Budget Activity</b> 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development	<b>R-1 Program Element (Number/Name)</b> PE 0303430K I Federal Investigative Services Information Technology
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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	176.613	44.001	0.000	0.000	-	0.000	-	-	-	-	Continuing	Continuing
KA1: Federal Investigative Services Information Technology	176.613	44.001	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 2020</u>	<u>FY 2021</u>	<u>FY 2022 Base</u>	<u>FY 2022 OCO</u>	<u>FY 2022 Total</u>
Previous President's Budget	44.001	0.000	0.000	-	0.000
Current President's Budget	44.001	0.000	0.000	-	0.000
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	-	-			

**Change Summary Explanation**

No vertical change statement required.

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

	FY 2020	FY 2021	FY 2022
<b>Title:</b> Background Investigation Information Technology Systems	44.001	-	-
<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.			

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<b>C. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
<b>Accomplishments/Planned Programs Subtotals</b>	44.001	-	-

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

<u>Line Item</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u> <u>Base</u>	<u>FY 2022</u> <u>OCO</u>	<u>FY 2022</u> <u>Total</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• 0303430K, O&M: <i>Background Investigation Information Technology Systems</i>	82.046	0.000	0.000	-	0.000	-	-	-	-	82.046	82.046

**Remarks**

**E. Acquisition Strategy**

- Leverage existing secure infrastructure/capabilities coordinated with United States Cyber Command (USCYBERCOM) and Department of Defense (DoD) security functions
- Assess Key Performance Parameter (KPP) of existing Government-Off-The-Shelf (GOTS)/Commercial Off-the-Shelf (COTS) products for enterprise scaling
- Establish support agreements with capability/data providers
- Transition to Cloud Infrastructure and development, security and operations (DevSecOps) pipeline and refactor necessary capabilities for Cloud
- Incrementally test and release the 7 core capabilities using Agile software development methodology
- Government is the Lead System Integrator
- Contract Strategy
- Integrated Management (IM) prototype capability using Other Transactional Authority (Section 815 NDAA 2015/2016)
- Re-use / extend successes from the IM prototype
- Leverage investment in Defense Manpower Data Center (DMDC) developed capabilities for initial deployments:
- Fingerprint and biometrics processing (Continue to leverage)
- Automated records checking (ARC) (Transition to system agnostic data broker & Sunset)
- Adjudication (Transition to integrated architecture with case management and Sunset)
- Continuous evaluation (CE) (Transition to system agnostic data broker & Sunset)
- Initiate Security Enterprise Architecture leveraging IdAM, Modular Workflow Engines, Artificial Intelligence, Machine Learning, and Natural Language Processing capabilities
- Re-factor ARC, CE, and Adjudication capabilities



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**Exhibit R-4, RDT&E Schedule Profile:** PB 2022 Defense Information Systems Agency **Date:** May 2021

<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>
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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
<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 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
<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 2022 Defense Information Systems Agency		<b>Date:</b> May 2021
<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