

UNCLASSIFIED

**Department of Defense
Fiscal Year (FY) 2021 Budget Estimates**

February 2020



Defense Contract Audit Agency

Defense-Wide Justification Book Volume 5 of 5

Research, Development, Test & Evaluation, Defense-Wide

UNCLASSIFIED

UNCLASSIFIED

THIS PAGE INTENTIONALLY LEFT BLANK

UNCLASSIFIED

UNCLASSIFIED

Defense Contract Audit Agency • Budget Estimates FY 2021 • RDT&E Program

Table of Volumes

Defense Advanced Research Projects Agency.....	Volume 1
Missile Defense Agency.....	Volume 2
Office of the Secretary Of Defense.....	Volume 3
Chemical and Biological Defense Program.....	Volume 4
Defense Contract Audit Agency.....	Volume 5
Defense Contract Management Agency.....	Volume 5
Defense Counterintelligence and Security Agency.....	Volume 5
Defense Information Systems Agency.....	Volume 5
Defense Logistics Agency.....	Volume 5
Defense Security Cooperation Agency.....	Volume 5
Defense Technical Information Center.....	Volume 5
Defense Threat Reduction Agency.....	Volume 5
DoD Human Resources Activity.....	Volume 5
Operational Test and Evaluation, Defense.....	Volume 5
Space Development Agency.....	Volume 5
The Joint Staff.....	Volume 5

UNCLASSIFIED

UNCLASSIFIED

Defense Contract Audit Agency • Budget Estimates FY 2021 • RDT&E Program

United States Special Operations Command.....Volume 5

Washington Headquarters Services.....Volume 5

UNCLASSIFIED

Defense Contract Audit Agency • Budget Estimates FY 2021 • RDT&E Program

Volume 5 Table of Contents

Comptroller Exhibit R-1..... Volume 5 - v

Program Element Table of Contents (by Budget Activity then Line Item Number).....Volume 5 - xvii

Program Element Table of Contents (Alphabetically by Program Element Title).....Volume 5 - xix

Exhibit R-2s..... Volume 5 - 1

UNCLASSIFIED

THIS PAGE INTENTIONALLY LEFT BLANK

UNCLASSIFIED

UNCLASSIFIED

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

08 Jan 2020

Appropriation -----	FY 2019 (Base + OCO)	FY 2020 Base Enacted	FY 2020 OCO Enacted	FY 2020 Emergency	FY 2020 Total Enacted
-----	-----	-----	-----	-----	-----
Research, Development, Test & Eval, DW	2,600	1,600			1,600
Total Research, Development, Test & Evaluation	2,600	1,600			1,600

UNCLASSIFIED

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

08 Jan 2020

Appropriation -----	FY 2021 Base	FY 2021 OCO for Base Requirements	FY 2021 OCO for Direct War and Enduring Costs	FY 2021 Total OCO	FY 2021 Total (Base + OCO)
-----	-----	-----	-----	-----	-----
Research, Development, Test & Eval, DW	2,198				2,198
Total Research, Development, Test & Evaluation	2,198				2,198

UNCLASSIFIED

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

08 Jan 2020

Summary Recap of Budget Activities -----	FY 2019 (Base + OCO)	FY 2020 Base Enacted	FY 2020 OCO Enacted	FY 2020 Emergency	FY 2020 Total Enacted
-----	-----	-----	-----	-----	-----
Advanced Component Development & Prototypes	2,600	1,600			1,600
Total Research, Development, Test & Evaluation	2,600	1,600			1,600
Summary Recap of FYDP Programs -----					
Intelligence and Communications	2,600	1,600			1,600
Total Research, Development, Test & Evaluation	2,600	1,600			1,600

UNCLASSIFIED

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

08 Jan 2020

	FY 2021 Base	FY 2021 OCO for Base Requirements	FY 2021 OCO for Direct War and Enduring Costs	FY 2021 Total OCO	FY 2021 Total (Base + OCO)
Summary Recap of Budget Activities -----					
Advanced Component Development & Prototypes	2,198				2,198
Total Research, Development, Test & Evaluation	2,198				2,198
Summary Recap of FYDP Programs -----					
Intelligence and Communications	2,198				2,198
Total Research, Development, Test & Evaluation	2,198				2,198

UNCLASSIFIED

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

08 Jan 2020

Summary Recap of Budget Activities -----	FY 2019 (Base + OCO)	FY 2020 Base Enacted	FY 2020 OCO Enacted	FY 2020 Emergency	FY 2020 Total Enacted
-----	-----	-----	-----	-----	-----
Advanced Component Development & Prototypes	2,600	1,600			1,600
Total Research, Development, Test & Evaluation	2,600	1,600			1,600
Summary Recap of FYDP Programs -----					
Intelligence and Communications	2,600	1,600			1,600
Total Research, Development, Test & Evaluation	2,600	1,600			1,600

UNCLASSIFIED

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

08 Jan 2020

	FY 2021 Base	FY 2021 OCO for Base Requirements	FY 2021 OCO for Direct War and Enduring Costs	FY 2021 Total OCO	FY 2021 Total (Base + OCO)
Summary Recap of Budget Activities -----					
Advanced Component Development & Prototypes	2,198				2,198
Total Research, Development, Test & Evaluation	2,198				2,198
Summary Recap of FYDP Programs -----					
Intelligence and Communications	2,198				2,198
Total Research, Development, Test & Evaluation	2,198				2,198

UNCLASSIFIED

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

08 Jan 2020

Appropriation -----	FY 2019 (Base + OCO)	FY 2020 Base Enacted	FY 2020 OCO Enacted	FY 2020 Emergency	FY 2020 Total Enacted
-----	-----	-----	-----	-----	-----
Defense Contract Audit Agency	2,600	1,600			1,600
Total Research, Development, Test & Evaluation	2,600	1,600			1,600

UNCLASSIFIED

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

08 Jan 2020

Appropriation	FY 2021 Base	FY 2021 OCO for Base Requirements	FY 2021 OCO for Direct War and Enduring Costs	FY 2021 Total OCO	FY 2021 Total (Base + OCO)
-----	-----	-----	-----	-----	-----
Defense Contract Audit Agency	2,198				2,198
Total Research, Development, Test & Evaluation	2,198				2,198

UNCLASSIFIED

UNCLASSIFIED

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

08 Jan 2020

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

Line No	Program Element Number	Item	Act	FY 2019 (Base + OCO)	FY 2020 Base Enacted	FY 2020 OCO Enacted	FY 2020 Emergency	FY 2020 Total Enacted	S e c
--	-----	----	---	-----	-----	-----	-----	-----	-
118	0300206R	Enterprise Information Technology Systems	04	2,600	1,600			1,600	U
		Advanced Component Development & Prototypes		2,600	1,600			1,600	
Total Research, Development, Test & Eval, DW				2,600	1,600			1,600	

UNCLASSIFIED

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

08 Jan 2020

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

Line No	Program Element Number	Item	Act	FY 2021 Base	FY 2021 OCO for Base Requirements	FY 2021 OCO for Direct War and Enduring Costs	FY 2021 Total OCO	FY 2021 Total (Base + OCO)	S e c
--	-----	----	---	-----	-----	-----	-----	-----	-
118	0300206R	Enterprise Information Technology Systems	04	2,198				2,198	U
		Advanced Component Development & Prototypes		2,198				2,198	
				2,198				2,198	
		Total Research, Development, Test & Eval, DW		2,198				2,198	

UNCLASSIFIED

Defense Contract Audit Agency
 FY 2021 President's Budget
 Exhibit R-1 FY 2021 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

08 Jan 2020

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

Line	Program Element	Item	Act	FY 2019 (Base + OCO)	FY 2020 Base Enacted	FY 2020 OCO Enacted	FY 2020 Emergency	FY 2020 Total Enacted	S e c
--	-----	----	---	-----	-----	-----	-----	-----	-
118	0300206R	Enterprise Information Technology Systems	04	2,600	1,600			1,600	U
		Advanced Component Development & Prototypes		2,600	1,600			1,600	
		Total Defense Contract Audit Agency		2,600	1,600			1,600	

UNCLASSIFIED

Defense Contract Audit Agency
 FY 2021 President's Budget
 Exhibit R-1 FY 2021 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

08 Jan 2020

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

Line	Program Element No Number	Item	Act	FY 2021 Base	FY 2021 OCO for Base Requirements	FY 2021 OCO for Direct War and Enduring Costs	FY 2021 Total OCO	FY 2021 Total (Base + OCO)	S e c
---	-----	----	---	-----	-----	-----	-----	-----	-
118	0300206R	Enterprise Information Technology Systems	04	2,198				2,198	U
		Advanced Component Development & Prototypes		2,198				2,198	
		Total Defense Contract Audit Agency		2,198				2,198	

UNCLASSIFIED

Defense Contract Audit Agency • Budget Estimates FY 2021 • RDT&E Program

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

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

Line #	Budget Activity	Program Element Number	Program Element Title	Page
118	04	0300206R	Enterprise Information Technology System.....	Volume 5 - 1

UNCLASSIFIED

THIS PAGE INTENTIONALLY LEFT BLANK

UNCLASSIFIED

UNCLASSIFIED

Defense Contract Audit Agency • Budget Estimates FY 2021 • RDT&E Program

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

Program Element Title	Program Element Number	Line #	BA	Page
Enterprise Information Technology System	0300206R	118	04.....	Volume 5 - 1

UNCLASSIFIED

THIS PAGE INTENTIONALLY LEFT BLANK

UNCLASSIFIED

UNCLASSIFIED

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

Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
0400: Research, Development, Test & Evaluation, Defense-Wide / BA 4: Advanced Component Development & Prototypes (ACD&P)					PE 0300206R / Enterprise Information Technology System							
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	0.000	2.600	1.600	2.198	-	2.198	1.698	1.698	1.698	1.698	Continuing	Continuing
000001: Enterprise Information Technology System	0.000	2.600	1.600	2.198	-	2.198	1.698	1.698	1.698	1.698	Continuing	Continuing

A. Mission Description and Budget Item Justification

This was a new start in FY19. Funding is required for the software development of a prototype capability to streamline the assembly, transmission, routing, processing, and tracking of the large volume of contractor submissions received annually by the federal government which will become CSP (Contractor Submission Portal) as well as DCAA Management Information System (DMIS) replacement analysis and the System of Systems redesign.

<u>B. Program Change Summary (\$ in Millions)</u>	<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	2.600	1.600	1.600	-	1.600
Current President's Budget	2.600	1.600	2.198	-	2.198
Total Adjustments	0.000	0.000	0.598	-	0.598
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Technical Adjustment	-	-	0.598	-	0.598

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

Project: 000001: Enterprise Information Technology System

Congressional Add: N/A

Congressional Add Subtotals for Project: 000001

Congressional Add Totals for all Projects

FY 2019	FY 2020
0.000	-
0.000	-
0.000	-

Change Summary Explanation

This additional funding permits enhanced capability development for the Defense Contract Audit Agency's legacy auditor information systems replacement effort. Funding was originally requested as O&M funds; however, upon further review, it was determined this requirement should be funded with RDT&E funds.

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2021 Defense Contract Audit Agency										Date: February 2020		
Appropriation/Budget Activity 0400 / 4					R-1 Program Element (Number/Name) PE 0300206R / Enterprise Information Technology System				Project (Number/Name) 000001 / Enterprise Information Technology System			
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
000001: Enterprise Information Technology System	0.000	2.600	1.600	2.198	-	2.198	1.698	1.698	1.698	1.698	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This was a new start in FY19. Funding is required for the software development of a prototype capability to streamline the assembly, transmission, routing, processing, and tracking of the large volume of contractor submissions received annually by the federal government which will become CSP (Contractor Submission Portal) as well as DMIS replacement analysis and the System of Systems redesign.

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

	FY 2019	FY 2020	FY 2021
Title: Enterprise Information Technology System	2.600	1.600	2.198
Description: - Develop CSP (Contractor Submission portal) requirements and design the technical architecture that will support the CSP business and technical requirements - Lead the software development and testing of an initial CSP prototype - Deploy the initial CSP prototype in a web environment accessible to the public - Develop the SoS (System of System) design requirements and translate business requirements into technical requirements - Collaborate with the Government in the development of mock-ups and demonstrations - Develop and test the refined SoS prototype - Conduct unit testing, system testing, user acceptance testing, and other software testing in order to ensure functionality meets all requirements - Produce SoS Planning module and the assignment module Intranet Functional and Technical Design			
FY 2020 Plans: Additional modules will continue to be developed from FY20 through FY23. Staffing and funding levels will return to their original levels once the enhancement is complete.			
FY 2021 Plans: This effort will remain in a steady state from FY21 through FY25 as additional modules continue to be developed. Once the enhancement is complete, the staffing and funding levels return to their original levels.			
FY 2020 to FY 2021 Increase/Decrease Statement:			

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2021 Defense Contract Audit Agency		Date: February 2020	
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0300206R / <i>Enterprise Information Technology System</i>	Project (Number/Name) 000001 / <i>Enterprise Information Technology System</i>	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2019	FY 2020
This additional funding permits enhanced capability development for the Defense Contract Audit Agency's legacy auditor information systems replacement effort. Funding was originally requested as O&M funds; however, upon further review, it was determined this requirement should be funded with RDT&E funds			
Accomplishments/Planned Programs Subtotals		2.600	1.600
		FY 2019	FY 2020
Congressional Add: N/A		0.000	-
FY 2019 Accomplishments: N/A			
Congressional Adds Subtotals		0.000	-
C. Other Program Funding Summary (\$ in Millions)			
N/A			
Remarks			
D. Acquisition Strategy			
N/A			

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2021 Defense Contract Audit Agency												Date: February 2020		
Appropriation/Budget Activity 0400 / 4						R-1 Program Element (Number/Name) PE 0300206R / <i>Enterprise Information Technology System</i>				Project (Number/Name) 000001 / <i>Enterprise Information Technology System</i>				

Product Development (\$ in Millions)				FY 2019		FY 2020		FY 2021 Base		FY 2021 OCO		FY 2021 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	
Software Development Cost	TBD	Defene Contract Audit Agency : Fort Belvoir, Virginia	-	2.600		1.600		2.198		-		2.198	Continuing	Continuing	-	
Subtotal			-	2.600		1.600		2.198		-		2.198	Continuing	Continuing	N/A	

			Prior Years	FY 2019		FY 2020		FY 2021 Base		FY 2021 OCO		FY 2021 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			-	2.600		1.600		2.198		-		2.198	Continuing	Continuing	N/A

Remarks

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2021 Defense Contract Audit Agency										Date: February 2020			
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)			
0400 / 4					PE 0300206R / Enterprise Information Technology System					000001 / Enterprise Information Technology System			

	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
Software Development																												
Software Development																												

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2021 Defense Contract Audit Agency		Date: February 2020
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0300206R / Enterprise Information Technology System	Project (Number/Name) 000001 / Enterprise Information Technology System

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Software Development				
Software Development	1	2019	4	2024