Department of Defense
Fiscal Year (FY) 2022 Budget Estimates

May 2021

Defense Contract Management Agency

Defense-Wide Justification Book Volume 5 of 5

Research, Development, Test & Evaluation, Defense-Wide

THIS PAGE INTENTIONALLY LEFT BLANK

Table of Volumes

Volume 5 Table of Contents

THIS PAGE INTENTIONALLY LEFT BLANK

Footnotes

FY 2020 Actuals

Includes Division A, Title IX and X of the Consolidated Appropriations Act, 2020 (P.L. 116-93), Division F, Title IV and V from the Further Consolidated Appropriations Act, 2020 (P.L. 116-94) and the Coronavirus Aid, Relief, and Economic Security Act (P.L. 116-136).

FY 2021 Enacted

Includes Division C, Title IX and Division J, Title IV of the Consolidated Appropriations Act, 2021 (P.L. 116-260).

THIS PAGE INTENTIONALLY LEFT BLANK

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)

Appropriation	FY 2020 Actual*	FY 2021 Enacted**	FY 2022 Request
Research, Development, Test & Eval, DW	3,495	1,441	4,265
Total Research, Development, Test & Evaluation	3,495	1,441	4,265

R-122BAS: FY 2022 President's Budget (Total Base Published Version), as of May 5, 2021 at 10:14:39

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

	FY 2020 Actual*	FY 2021 Enacted**	FY 2022 Request
Summary Recap of Budget Activities			
System Development & Demonstration	3,495	1,441	4,265
Total Research, Development, Test & Evaluation	3,495	1,441	4,265
Summary Recap of FYDP Programs			
Intelligence and Communications	425		
Research and Development	3,070	1,441	4,265
Total Research, Development, Test & Evaluation	3,495	1,441	4,265

R-122BAS: FY 2022 President's Budget (Total Base Published Version), as of May 5, 2021 at 10:14:39

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

05 May 2021

Summary Recap of Budget Activities	FY 2020 Actual*	FY 2021 Enacted**	FY 2022 Request
System Development & Demonstration	3,495	1,441	4,265
Total Research, Development, Test & Evaluation	3,495	1,441	4,265

Summary Recap of FYDP Programs			
Intelligence and Communications	425		
Research and Development	3,070	1,441	4,265
Total Research, Development, Test & Evaluation	3,495	1,441	4,265

R-122BAS: FY 2022 President's Budget (Total Base Published Version), as of May 5, 2021 at 10:14:39

Defense-Wide
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
Defense Contract Management Agency	3,495	1,441	4,265
Total Research, Development, Test & Evaluation	3,495	1,441	4,265

R-122BAS: FY 2022 President's Budget (Total Base Published Version), as of May 5, 2021 at 10:14:39

Defense-Wide
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
--	------	----	---	----------	----------	----------	-
132	0605013BL	Information Technology Development	05	3,070	1,441	4,265	U
145	0303140BL	Information Systems Security Program	05	425			U
		System Development & Demonstration	.	3,495	1,441	4,265	
		Total Research, Development, Test & Eval, DW		3,495	1,441	4,265	

R-122BAS: FY 2022 President's Budget (Total Base Published Version), as of May 5, 2021 at 10:14:39

Defense Contract Management 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
132	0605013BL	Information Technology Development	05	3,070	1,441	4,265	U
145	0303140BL	Information Systems Security Program	05	425			U
		System Development & Demonstration		3,495	1,441	4,265	
		Total Defense Contract Management Agency		3,495	1,441	4,265	

R-122BAS: FY 2022 President's Budget (Total Base Published Version), as of May 5, 2021 at 10:14:39

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

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

THIS PAGE INTENTIONALLY LEFT BLANK

Defense Contract Management Agency • Budget Estimates FY 2022 • RDT&E Program

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

THIS PAGE INTENTIONALLY LEFT BLANK

Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Defense Contract Management Agency											Date: May 2021	

Appropriation/Budget Activity
0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 5: *System Development & Demonstration (SDD)*

R-1 Program Element (Number/Name)
PE 0605013BL *I Information Technology Development*

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	190.783	3.070	1.441	4.265	-	4.265	-	-	-	-	-	-
01: *Systems Modifications and Development*	190.783	3.070	1.441	4.265	0.000	4.265	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

DCMA is currently engaged in several major initiatives to improve our information technology environment. Information technology is the primary enabling capability our acquisition workforce is reliant upon to communicate with contractors, the DoD acquisition community and our customers. These initiatives are driven by the National Defense Strategy business reform line of effort. On December 21, 2017, the Reform Management Group directed the Information Technology (IT) and Business Systems Reform Lead to review Fourth Estate IT networks, policies, business processes, functions, costs and Chief Information Officer (CIO) organizational structures and manpower requirements. In support of this directive, DCMA is structuring its information technology investments to be in synchronization with the vision of the DoD guidance. One early result of this review is the decision to transfer commodity information technology administrative control to Defense Information Systems Agency (DISA) in FY 2022.

DCMA's IT investment strategy is being driven by the Director's initiatives to: 1) Develop Mission Business Systems; 2) Leverage Commodity IT Buying Power Through DISA; and 3) Focus On The Last Tactical Mile. These initiatives directly align and support the Optimization and Modernization efforts of the DoD CIO, which include: 1) Network Optimization; 2) Data Center Optimization; 3) Mission Partner Engagement; 4) Defense Travel Modernization ; 5) Enterprise Collaboration; 6) Consolidation of Cyber and IT Responsibilities; 7) Rationalize Business Systems; 8) Streamline IT Commodity Purchasing.

Development and research initiatives are a core component in DCMA's ability to align efforts appropriately to the DoD CIO IT Reform Initiative. In order to meet the needs of the DoD community, DCMA's current efforts are focused on the development of investments in two core areas: 1) Modernization and Analytics Initiative (formerly called DCMA App Store) and 2) Procurement Integrated Enterprise Environment (PIEE) (hosts Wide Area WorkFlow (WAWF)).

These initiatives will empower mobile and fixed users' ability to utilize DoD enterprise capabilities with the same level or better efficiency and effectiveness. DCMA also has a mandate to align with DoD strategy for digital modernization of enterprise capabilities. This involves migrating DCMA application infrastructure to enterprise hosting environments and modern technology platforms, rationalizing existing applications to ensure capabilities align with mission requirements, and adopting new DoD strategies for modern software development methodologies. These solutions will improve process gaps in order to streamline/simplify automated contract administration, provide real-time data visibility, eliminate manual intervention and provide effective, regulatory based tools for use across the Department.

PE 0605013BL: *Information Technology Development*
Defense Contract Management Agency

UNCLASSIFIED
Page 1 of 23

R-1 Line #132

Volume 5 - 1

Exhibit R-2, **RDT&E Budget Item Justification:** PB 2022 Defense Contract Management Agency	**Date:** May 2021
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 5: *System Development & Demonstration (SDD)*	**R-1 Program Element (Number/Name)** PE 0605013BL *I Information Technology Development*

B. Program Change Summary ($ in Millions)	**FY 2020**	**FY 2021**	**FY 2022 Base**	**FY 2022 OCO**	**FY 2022 Total**
Previous President's Budget	3.070	1.441	0.000	-	0.000
Current President's Budget	3.070	1.441	4.265	-	4.265
Total Adjustments	0.000	0.000	4.265	-	4.265
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Program Adjustment: MAI and PIEE solutions	-	-	4.265	-	4.265

PE 0605013BL: *Information Technology Development*
Defense Contract Management Agency

UNCLASSIFIED
Page 2 of 23

R-1 Line #132

Volume 5 - 2

Exhibit R-2A, **RDT&E Project Justification:** PB 2022 Defense Contract Management Agency											**Date:** May 2021	
Appropriation/Budget Activity 0400 *I* 5				**R-1 Program Element (Number/Name)** PE 0605013BL *I Information Technology Development*						**Project (Number/Name)** 01 *I Systems Modifications and Development*		
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**
01: *Systems Modifications and Development*	190.783	3.070	1.441	4.265	0.000	4.265	-	-	-	-	-	-
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Development and research initiatives are a core component in DCMA's ability to align efforts appropriately to the DoD CIO IT Reform Initiative. DCMA has a mandate to align with DoD strategy for digital modernization of enterprise capabilities. This involves migrating DCMA application infrastructure to enterprise hosting environments and modern technology platforms, rationalizing existing applications to ensure capabilities align with mission requirements, and adopting new DoD strategies for modern software development methodologies. This will ensure delivery of secure, interoperable, and optimized solutions. In order to meet the needs of the DoD community, DCMA's current effort is to develop the DCMA App Store.

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2020**	**FY 2021**	**FY 2022**
Title: System Modifications and Development *Description:* The DCMA will use the system and modifications program to focus on two main efforts: 1) DCMA's Modernization and Analytics Initiatives (MAI) (formerly DCMA App Store) and Procurement Integrated Enterprise Environment (PIEE) (hosts Wide Area WorkFlow (WAWF). MAI intends to utilize commercial innovations such as Platform as a Service (PaaS), Software as a Service (SaaS), artificial Intelligence (AI) and Machine Learning (ML) with cost-effective solutions. Implementation is paramount to ensuring future Contract Management oversight to the DoD base by: (i) aligning DCMA's modernization strategy to the DoD Digital Moderation Strategy (2019), DoD Cloud Strategy (2018) and IT Reform Initiatives (2017) (ii) and implementing a robust environment that enables development of enterprise solutions and environment to enhance DCMA's Contract Administration Support mission. This approach promotes the tenets of reusable code, pre-built applications, a no code/low code environment, and industry built solutions that can ride on the same platform. This enterprise environment will encompass data analytics across multiple sources and enable business-process driven citizen development of low code applications to provide DoD instantaneous and dynamic business insight of Contract Management data. PIEE is an existing Defense Business System that provides an information technology platform of enterprise services, capabilities, and systems grouped into modules with the objective of seamlessly supporting the end-to-end Procure-to-Pay (P2P) business processes for the Department of Defense (DoD). Leveraging role-based access, PIEE provides users with the access to many of the critical enterprise capabilities used every day by hundreds of thousands of users spanning all Services, Defense Agencies, and Industry such as the Department's e-Invoicing, contracts repository, and contract surveillance tools. It is DCMA's intent to	3.070	1.441	4.265

Exhibit R-2A, **RDT&E Project Justification:** PB 2022 Defense Contract Management Agency		**Date:** May 2021
Appropriation/Budget Activity 0400 *I* 5	**R-1 Program Element (Number/Name)** PE 0605013BL *I Information Technology Development*	**Project (Number/Name)** 01 *I Systems Modifications and Development*

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2020**	**FY 2021**	**FY 2022**
partner with DLA in order to modernize unsustainable capabilities within the PIEE environment making DCMA's capabilities available to the Department user base. *FY 2021 Plans:* MAI (formerly DCMA App Store) FY 2021 RDT&E will be used for activities in the material solution analysis and technology maturation and risk reduction phases of the acquisition life cycle, including Analysis of Alternatives, initial lifecycle sustainment plan, and initial concept of operations, system engineering plan, high level system design, prototyping, test and evaluation master plan. *FY 2022 Plans:* MAI FY 2022 RDT&E will support the following capabilities for development and implementation: 1) Department of Defense Activity Address Code (DoDAAC) Insight/Enhanced Contract View (MAI): DoDAAC Insight which provides the ability to view all contracts administered by DCMA and the ability to view contract information collected by DCMA to include contract metadata, tasks generated, requirements identified during contract review, records, contract Management Team, and comments. 2) Industrial Base Integrated Data System (IBIDS) (MAI): This is a repository of defense industry data used to manage data pertaining to suppliers, products, capabilities, and their associated relationships throughout the Defense Industrial Base. 3) Program Support Collaboration & Reporting Tool (PSCRT): This tool provides the Program Support Community with one location to navigate all program support resources. PIEE FY 2022 RDT&E will support the following capabilities for development and implementation: 1) Modifications and Delivery Orders (MDO) (PIEE) which allows users to modify existing contracts and issue delivery orders. 2) Combined Audit Tracking and Action Tool (CA-TAT) (PIEE): This tool combines legacy capabilitiesCAFU, AIT, Form 1, OH Negotiations, and Forward Pricing Rate Agreement (FPRA) into one effort. CAFU allows the Military Services and Defense Agencies to Track Follow-up Actions on DCAA Audit Findings. AIT which is the Audit Issue Tracking tool provides capability to track cost recovery data for CAS Audits. Form 1 provides tracking of notices of costs suspended and/or disapproved incidents to the audit of contractor costs incurred under a contract. Overhead Negotiating Rate (OVR) which tracks the status of contractor's final overhead settlements and FPRA provides forward pricing support to customers.			

Exhibit R-2A, **RDT&E Project Justification:** PB 2022 Defense Contract Management Agency		**Date:** May 2021
Appropriation/Budget Activity 0400 *I* 5	**R-1 Program Element (Number/Name)** PE 0605013BL *I Information Technology Development*	**Project (Number/Name)** 01 *I Systems Modifications and Development*

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2020**	**FY 2021**	**FY 2022**
3) Contract Property Administration System (CPAS) (PIEE) is a web-based, user friendly tool for the DCMA Property Administrators to receive and review contracts with property, schedule property audits, record results of audits, closeout the property administration portion of contracts in MOCAS and allow reopening of the property administration portion of contracts in MOCAS. 4) Contract Administration DoDAAC Selection (PCM CAO-PAY) (PIEE) which alllows the DoD contracting community to look up the appropriate CAO and associate DoD Activity Code (DoDAAC) by the proposed contractor's Commercial and Government Entity(CAGE) Code, ZIP Code, or country. ***FY 2021 to FY 2022 Increase/Decrease Statement:*** Explanation of change from FY 2021 to FY 2022 support increases resulting from anticipated development of MAI And PIEE capabilities identified to modernize and re-platform DCMA's aging mission applications and technology infrastructure by implementing Business Process Improvements and Data Analytics Tools to generate Contractor cost savings, pricing fraud recovery, and increased productivity.			
Accomplishments/Planned Programs Subtotals	3.070	1.441	4.265

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

D. Acquisition Strategy
 The DoD CIO's strategy addresses Cloud, Cyber and Artificial Intelligence Initiatives and their implementation via the DoD IT Reform Initiative. The DCMA Director has identified three DCMA initiatives in alignment with the DoD CIO's initiatives to include: 1) Off-Ramping IT Services 2) Mission System Development and 3) The Last Tactical Mile.

PE 0605013BL: *Information Technology Development*
Defense Contract Management Agency

UNCLASSIFIED
Page 5 of 23

R-1 Line #132

Volume 5 - 5

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

Appropriation/Budget Activity 0400 **/** 5	**R-1 Program Element (Number/Name)** PE 0605013BL **/** *Information Technology Development*	**Project (Number/Name)** 01 **/** *Systems Modifications and Development*

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
DCMA Modernization and Analytics Initiatives (MAI) (formerly DCMA App Store)	C/FFP	Various : Various	-	2.270	Jan 2020	1.441	Sep 2021	-		-		-	-	-	3.712
WAWF	C/FFP	Various : Various	-	0.800	Jan 2020	-		-		-		-	-	-	0.800
Other Programs	C/FFP	Various : Various	190.783	-		-		-		-		-	-	-	-
DoDAAC Insight/Enhanced Contract View: DoDAAC Insight (MAI)	C/FFP	Various : Various	-	-		-		0.951	Jun 2022	-		0.951	-	-	0.951
Industrial Base Integrated Data System (IBIDS) (MAI)	C/FFP	Various : Various	-	-		-		0.951	Jun 2022	-		0.951	-	-	0.951
Program Support Collaboration & Reporting Tool (PSCRT) (MAI)	C/FFP	Various : Various	-	-		-		1.163	Jun 2022	-		1.163	-	-	1.163
Modifications and Delivery Orders (MDO) (PIEE)	C/FFP	Various : Various	-	-		-		0.500	Dec 2021	-		0.500	-	-	0.500
Combined Audit Tracking and Action Tool (CA-TAT) (PIEE)	C/FFP	Various : Various	-	-		-		0.200	Dec 2021	-		0.200	-	-	0.200
Contract Property Administration System (CPAS) (PIEE)	C/FFP	Various : Various	-	-		-		0.475	Dec 2021	-		0.475	-	-	0.475
Contract Administration DoDAAC Selection (PCM CAO-PAY) (PIEE)	C/FFP	Various : Various	-	-		-		0.025	Dec 2021	-		0.025	-	-	0.025
Subtotal			190.783	3.070		1.441		4.265		-		4.265	-	-	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	190.783	3.070		1.441		4.265		-		4.265	-	-	N/A

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

| **Appropriation/Budget Activity**
0400 *I* 5 | | **R-1 Program Element (Number/Name)**
PE 0605013BL *I Information Technology Development* | | **Project (Number/Name)**
01 *I Systems Modifications and Development* | | | | | |

	Prior Years	**FY 2020**	**FY 2021**	**FY 2022 Base**	**FY 2022 OCO**	**FY 2022 Total**	**Cost To Complete**	**Total Cost**	**Target Value of Contract**

Remarks

The DCMA Information Technology supports the Agency's CAS mission by capitalizing on IT investment innovations that leverage technology to achieve an agile enterprise architecture that improves its contract management workforce's productivity, efficiency, and effectiveness.

PE 0605013BL: *Information Technology Development*
Defense Contract Management Agency
UNCLASSIFIED
Page 7 of 23
R-1 Line #132
Volume 5 - 7

Exhibit R-4, RDT&E Schedule Profile: PB 2022 Defense Contract Management Agency		Date: May 2021
Appropriation/Budget Activity 0400 / 5	**R-1 Program Element (Number/Name)** PE 0605013BL / Information Technology Development	**Project (Number/Name)** 01 / Systems Modifications and 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
WAWF																												
Requirement		■																										
Development		■	■	■																								
MAI (formerly DCMA App Store)																												
Design					■	■																						
Development						■	■																					
Testing							■																					
Deployment									■	■																		
DoDAAC Insight/Enhanced Contract View: DoDAAC Insight (MAI)																												
Design										■																		
Development										■																		
Testing										■																		
Deployment										■	■																	
Industrial Base Integrated Data System (IBIDS) (MAI)																												
Design										■																		
Development										■																		
Testing										■																		
Deployment										■	■																	
Program Support Collaboration & Reporting Tool (PSCRT) (MAI)																												
Design										■																		
Development										■																		
Testing										■																		

PE 0605013BL: *Information Technology Development*
Defense Contract Management Agency

UNCLASSIFIED
Page 8 of 23

R-1 Line #132

Volume 5 - 8

Exhibit R-4, **RDT&E Schedule Profile:** PB 2022 Defense Contract Management Agency		**Date:** May 2021
Appropriation/Budget Activity 0400 *I* 5	**R-1 Program Element (Number/Name)** PE 0605013BL *I Information Technology Development*	**Project (Number/Name)** 01 *I Systems Modifications and 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
Deployment											█	█	█															
Modifications and Delivery Orders (MDO) (PIEE)																												
Design										█	█																	
Development										█	█	█	█	█	█													
Testing														█	█	█												
Deployment														█	█	█												
Combined Audit Tracking and Action Tool (CA-TAT) (PIEE)																												
Design										█	█																	
Development										█	█	█	█	█	█	█												
Testing														█	█													
Deployment														█	█													
Contract Property Administration System (CPAS) (PIEE)																												
Design										█	█																	
Development										█	█	█	█	█	█													
Testing														█	█													
Deployment														█	█													
Contract Administration DoDAAC Selection (PCM CAO-PAY) (PIEE)																												
Design										█	█																	
Development										█	█	█	█	█	█	█												
Testing														█	█													
Deployment														█	█													
Customer Satisfaction Survey Tool (CSST) (MAI)																												

Exhibit R-4, RDT&E Schedule Profile: PB 2022 Defense Contract Management Agency		Date: May 2021
Appropriation/Budget Activity 0400 / 5	**R-1 Program Element (Number/Name)** PE 0605013BL / *Information Technology Development*	**Project (Number/Name)** 01 / *Systems Modifications and 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
Design															█	█												
Development															█	█												
Testing															█	█												
Deployment															█	█	█											
First Level Supervisor Review (MAI)																												
Design															█	█												
Development															█	█												
Testing															█	█												
Deployment															█	█	█											
Contract Inquires/Pricing & Negotiations (MAI)																												
Design															█	█												
Development															█	█												
Testing															█	█												
Deployment															█	█	█											
Program Integration (MAI)																												
Design																		█	█									
Development																		█	█									
Testing																		█	█									
Deployment																		█	█	█								
Termination Cases																												
Design																		█	█									
Development																		█	█									
Testing																		█	█									
Deployment																		█	█	█								
General Council Enablers (MAI)																												

PE 0605013BL: *Information Technology Development*
Defense Contract Management Agency

UNCLASSIFIED
Page 10 of 23

R-1 Line #132

Volume 5 - 10

Exhibit R-4, RDT&E Schedule Profile: PB 2022 Defense Contract Management Agency		**Date:** May 2021
Appropriation/Budget Activity 0400 *I* 5	**R-1 Program Element (Number/Name)** PE 0605013BL *I Information Technology Development*	**Project (Number/Name)** 01 *I Systems Modifications and 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
Design																			█	█								
Development																			█	█								
Testing																			█	█								
Deployment																			█	█	█							
Information Technology EnablersInformation Technology Enablers (MAI)																												
Design																						█	█					
Development																						█	█					
Testing																						█	█					
Deployment																						█	█	█				
Inspector General Enablers																												
Design																						█	█					
Development																						█	█					
Testing																						█	█					
Deployment																						█	█	█				
Talent Managers Enablers/Total Force Enablers (MAI)																												
Design																						█	█					
Development																						█	█					
Testing																						█	█					
Deployment																						█	█	█				
Contract Property Administration System (CPAS) (PIEE) Part 2																												
Design and Development										█	█																	
Testing										█	█	█	█															

Exhibit R-4, RDT&E Schedule Profile: PB 2022 Defense Contract Management Agency		Date: May 2021	
Appropriation/Budget Activity 0400 / 5	**R-1 Program Element (Number/Name)** PE 0605013BL / Information Technology Development	**Project (Number/Name)** 01 / Systems Modifications and 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
Deployment													▮	▮	▮	▮	▮	▮										
Delivery Schedule Manager (DSM) (PIEE)																												
Design													▮	▮														
Development													▮	▮														
Testing													▮	▮	▮	▮	▮	▮										
Deployment													▮	▮	▮	▮	▮	▮										
Canceling Funds (PIEE)																												
Design													▮	▮														
Development													▮	▮	▮	▮	▮	▮										
Testing													▮	▮	▮	▮	▮	▮										
Deployment													▮	▮	▮	▮	▮	▮										
Modifications and Delivery Orders (MDO) (PIEE) Part 2																												
Design and Development															▮	▮												
Testing															▮	▮	▮	▮	▮	▮								
Deployment															▮	▮	▮	▮	▮	▮								
Delivery Schedule Manager (DSM) (PIEE) Part 2																												
Design and Development															▮	▮												
Testing															▮	▮	▮	▮	▮	▮								
Deployment															▮	▮	▮	▮	▮	▮								
Canceling Funds (PIEE) Part 2																												
Design and Development															▮	▮												
Testing															▮	▮	▮	▮	▮	▮								
Deployment															▮	▮	▮	▮	▮	▮								
Pre-Award Survey System (PASS) (PIEE)																												

PE 0605013BL: *Information Technology Development*
Defense Contract Management Agency

UNCLASSIFIED
Page 12 of 23

R-1 Line #132

Volume 5 - 12

Exhibit R-4, **RDT&E Schedule Profile:** PB 2022 Defense Contract Management Agency		**Date:** May 2021
Appropriation/Budget Activity 0400 / 5	**R-1 Program Element (Number/Name)** PE 0605013BL / *Information Technology Development*	**Project (Number/Name)** 01 / *Systems Modifications and 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
Design																	█	█	█									
Development																	█	█	█	█	█	█	█					
Testing																	█	█	█	█	█	█	█					
Deployment																	█	█	█	█	█	█	█					
Pricing Management Capability (PMC) (PIEE)																												
Design																	█	█										
Development																	█	█	█	█	█	█	█					
Testing																	█	█	█	█	█	█	█					
Deployment																	█	█	█	█	█	█	█					
Commercial Item Determination (PIEE)																												
Design and Development																	█	█										
Testing																	█	█	█	█	█	█	█					
Deployment																	█	█	█	█	█	█	█					
Property LossProperty Loss (PIEE)																												
Design and Development																	█	█	█									
Testing																	█	█	█	█	█	█	█					
Deployment																	█	█	█	█	█	█	█					
Modifications and Delivery Orders (MDO) (PIEE) Part 3																												
Design and Development																					█	█	█					
Testing																					█	█	█	█	█	█	█	
Deployment																					█	█	█	█	█	█	█	
Pre-Award Survey System (PASS) (PIEE) Part 2																												
Design and Development																					█	█	█					

PE 0605013BL: *Information Technology Development*
 Defense Contract Management Agency
    UNCLASSIFIED
 Page 13 of 23   R-1 Line #132
    Volume 5 - 13

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

Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0605013BL / Information Technology Development	Project (Number/Name) 01 / Systems Modifications and Development

Activity	FY2020				FY2021				FY2022				FY2023				FY2024				FY2025				FY2026			
	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
Testing																			█	█	█	█	█	█	█	█	█	
Deployment																			█	█	█	█	█	█	█	█	█	
Pricing Management Capability (PMC) (PIEE) Part 2																												
Design and Development																			█	█	█	█						
Testing																			█	█	█	█	█	█	█	█	█	
Deployment																			█	█	█	█	█	█	█	█	█	
Shipping Instructions Request (SIR) (PIEE)																												
Design																			█	█	█	█						
Development																			█	█	█	█	█	█	█	█	█	
Testing																			█	█	█	█	█	█	█	█	█	
Deployment																			█	█	█	█	█	█	█	█	█	
Contract Administration DoDAAC Selection (PCM CAO-PAY) (PIEE) Part 2																												
Design and Development																			█	█	█	█						
Testing																			█	█	█	█	█	█	█	█	█	
Deployment																			█	█	█	█	█	█	█	█	█	
Delivery Schedule Manager (DSM) (PIEE) Part 3																												
Design and Development																								█	█	█	█	
Testing																								█	█	█	█	
Deployment																								█	█	█	█	
Pricing Management Capability (PMC) (PIEE) Part 3																												
Design and Development																								█	█	█	█	
Testing																								█	█	█	█	

Exhibit R-4, **RDT&E Schedule Profile:** PB 2022 Defense Contract Management Agency		**Date:** May 2021
Appropriation/Budget Activity 0400 *I* 5	**R-1 Program Element (Number/Name)** PE 0605013BL *I Information Technology Development*	**Project (Number/Name)** 01 *I Systems Modifications and 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
Deployment																									█	█		
Shipping Instructions Request (SIR) (PIEE) Part 2																												
Design and Development																									█	█	█	
Testing																									█	█		
Deployment																									█	█	█	
Duty Free Entry (DFE) (PIEE)																												
Design																									█	█	█	
Development																									█	█	█	
Testing																									█	█		
Deployment																									█	█	█	
Commercial Item Market Research																												
Design																									█	█	█	
Development																									█	█	█	
Testing																									█	█		
Deployment																									█	█	█	

PE 0605013BL: *Information Technology Development*
Defense Contract Management Agency

UNCLASSIFIED
Page 15 of 23

R-1 Line #132

Volume 5 - 15

Exhibit R-4A, **RDT&E Schedule Details:** PB 2022 Defense Contract Management Agency		**Date:** May 2021
Appropriation/Budget Activity 0400 **/** 5	**R-1 Program Element (Number/Name)** PE 0605013BL **/** *Information Technology Development*	**Project (Number/Name)** 01 **/** *Systems Modifications and Development*

Schedule Details

Events by Sub Project	Start		End	
	Quarter	**Year**	**Quarter**	**Year**
WAWF				
Requirement	2	2020	2	2020
Development	2	2020	4	2020
MAI (formerly DCMA App Store)				
Design	3	2020	1	2021
Development	1	2021	3	2021
Testing	3	2021	3	2021
Deployment	2	2022	4	2022
DoDAAC Insight/Enhanced Contract View: DoDAAC Insight (MAI)				
Design	3	2022	1	2023
Development	3	2022	1	2023
Testing	3	2022	1	2023
Deployment	3	2022	2	2023
Industrial Base Integrated Data System (IBIDS) (MAI)				
Design	3	2022	1	2023
Development	3	2022	1	2023
Testing	3	2022	1	2023
Deployment	3	2022	2	2023
Program Support Collaboration & Reporting Tool (PSCRT) (MAI)				
Design	3	2022	1	2023
Development	3	2022	1	2023
Testing	3	2022	1	2023

PE 0605013BL: *Information Technology Development*
Defense Contract Management Agency

UNCLASSIFIED
Page 16 of 23

R-1 Line #132

Volume 5 - 16

Exhibit R-4A, **RDT&E Schedule Details:** PB 2022 Defense Contract Management Agency				**Date:** May 2021	
Appropriation/Budget Activity 0400 **/** 5		**R-1 Program Element (Number/Name)** PE 0605013BL **/** *Information Technology Development*		**Project (Number/Name)** 01 **/** *Systems Modifications and Development*	

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Deployment	3	2022	2	2023
Modifications and Delivery Orders (MDO) (PIEE)				
Design	1	2022	3	2022
Development	1	2022	3	2023
Testing	1	2023	3	2023
Deployment	1	2023	3	2023
Combined Audit Tracking and Action Tool (CA-TAT) (PIEE)				
Design	1	2022	3	2022
Development	1	2022	3	2023
Testing	1	2023	3	2023
Deployment	1	2023	3	2023
Contract Property Administration System (CPAS) (PIEE)				
Design	1	2022	3	2022
Development	1	2022	3	2023
Testing	1	2023	3	2023
Deployment	1	2023	3	2023
Contract Administration DoDAAC Selection (PCM CAO-PAY) (PIEE)				
Design	1	2022	3	2022
Development	1	2022	3	2023
Testing	1	2023	3	2023
Deployment	1	2023	3	2023
Customer Satisfaction Survey Tool (CSST) (MAI)				
Design	3	2023	1	2024
Development	3	2023	1	2024
Testing	3	2023	1	2024

Exhibit R-4A, RDT&E Schedule Details: PB 2022 Defense Contract Management Agency				Date: May 2021	

Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0605013BL / Information Technology Development	Project (Number/Name) 01 / Systems Modifications and Development

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Deployment	3	2023	2	2024
First Level Supervisor Review (MAI)				
Design	3	2023	1	2024
Development	3	2023	1	2024
Testing	3	2023	1	2024
Deployment	3	2023	2	2024
Contract Inquires/Pricing & Negotiations (MAI)				
Design	3	2023	1	2024
Development	3	2023	1	2024
Testing	3	2023	1	2024
Deployment	3	2023	2	2024
Program Integration (MAI)				
Design	3	2024	1	2025
Development	3	2024	1	2025
Testing	3	2024	1	2025
Deployment	3	2024	2	2025
Termination Cases				
Design	3	2024	1	2025
Development	3	2024	1	2025
Testing	3	2024	1	2025
Deployment	3	2024	2	2025
General Council Enablers (MAI)				
Design	3	2024	1	2025
Development	3	2024	1	2025
Testing	3	2024	1	2025

PE 0605013BL: *Information Technology Development*
Defense Contract Management Agency

UNCLASSIFIED
Page 18 of 23

R-1 Line #132

Volume 5 - 18

Exhibit R-4A, **RDT&E Schedule Details:** PB 2022 Defense Contract Management Agency				**Date:** May 2021	
Appropriation/Budget Activity 0400 *I* 5		**R-1 Program Element (Number/Name)** PE 0605013BL *I Information Technology Development*		**Project (Number/Name)** 01 *I Systems Modifications and Development*	

	Start		**End**	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Deployment	3	2024	2	2025
Information Technology EnablersInformation Technology Enablers (MAI)				
Design	3	2025	1	2026
Development	3	2025	1	2026
Testing	3	2025	1	2026
Deployment	3	2025	2	2026
Inspector General Enablers				
Design	3	2025	1	2026
Development	3	2025	1	2026
Testing	3	2025	1	2026
Deployment	3	2025	2	2026
Talent Managers Enablers/Total Force Enablers (MAI)				
Design	3	2025	1	2026
Development	3	2025	1	2026
Testing	3	2025	1	2026
Deployment	3	2025	2	2026
Contract Property Administration System (CPAS) (PIEE) Part 2				
Design and Development	1	2023	3	2023
Testing	1	2023	3	2024
Deployment	1	2023	3	2024
Delivery Schedule Manager (DSM) (PIEE)				
Design	1	2023	3	2023
Development	1	2023	3	2023
Testing	1	2023	3	2024
Deployment	1	2023	3	2024

Exhibit R-4A, **RDT&E Schedule Details:** PB 2022 Defense Contract Management Agency				**Date:** May 2021	
Appropriation/Budget Activity 0400 / 5		**R-1 Program Element (Number/Name)** PE 0605013BL / *Information Technology Development*		**Project (Number/Name)** 01 / *Systems Modifications and Development*	

	Start		**End**	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Canceling Funds (PIEE)				
Design	1	2023	3	2023
Development	1	2023	3	2024
Testing	1	2023	3	2024
Deployment	1	2023	3	2024
Modifications and Delivery Orders (MDO) (PIEE) Part 2				
Design and Development	1	2024	3	2024
Testing	1	2024	3	2025
Deployment	1	2024	3	2025
Delivery Schedule Manager (DSM) (PIEE) Part 2				
Design and Development	1	2024	3	2024
Testing	1	2024	3	2025
Deployment	1	2024	3	2025
Canceling Funds (PIEE) Part 2				
Design and Development	1	2024	3	2024
Testing	1	2024	3	2025
Deployment	1	2024	3	2025
Pre-Award Survey System (PASS) (PIEE)				
Design	1	2024	3	2024
Development	1	2024	3	2025
Testing	1	2024	3	2025
Deployment	1	2024	3	2025
Pricing Management Capability (PMC) (PIEE)				
Design	1	2024	3	2024
Development	1	2024	3	2025

PE 0605013BL: *Information Technology Development*
Defense Contract Management Agency

UNCLASSIFIED
Page 20 of 23

R-1 Line #132

Volume 5 - 20

Exhibit R-4A, RDT&E Schedule Details: PB 2022 Defense Contract Management Agency					**Date:** May 2021	
Appropriation/Budget Activity 0400 / 5		**R-1 Program Element (Number/Name)** PE 0605013BL / *Information Technology Development*			**Project (Number/Name)** 01 / *Systems Modifications and Development*	

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Testing	1	2024	3	2025
Deployment	1	2024	3	2025
Commercial Item Determination (PIEE)				
Design and Development	1	2024	3	2024
Testing	1	2024	3	2025
Deployment	1	2024	3	2025
Property LossProperty Loss (PIEE)				
Design and Development	1	2024	3	2024
Testing	1	2024	3	2025
Deployment	1	2024	3	2025
Modifications and Delivery Orders (MDO) (PIEE) Part 3				
Design and Development	1	2025	3	2025
Testing	1	2025	3	2026
Deployment	1	2025	3	2026
Pre-Award Survey System (PASS) (PIEE) Part 2				
Design and Development	1	2025	3	2025
Testing	1	2025	3	2026
Deployment	1	2025	3	2026
Pricing Management Capability (PMC) (PIEE) Part 2				
Design and Development	1	2025	3	2025
Testing	1	2025	3	2026
Deployment	1	2025	3	2026
Shipping Instructions Request (SIR) (PIEE)				
Design	1	2025	3	2025
Development	1	2025	3	2026

PE 0605013BL: *Information Technology Development*
Defense Contract Management Agency

UNCLASSIFIED
Page 21 of 23

R-1 Line #132

Volume 5 - 21

Exhibit R-4A, **RDT&E Schedule Details:** PB 2022 Defense Contract Management Agency				**Date:** May 2021	
Appropriation/Budget Activity 0400 *I* 5		**R-1 Program Element (Number/Name)** PE 0605013BL *I Information Technology Development*		**Project (Number/Name)** 01 *I Systems Modifications and Development*	

	Start		**End**	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Testing	1	2025	3	2026
Deployment	1	2025	3	2026
Contract Administration DoDAAC Selection (PCM CAO-PAY) (PIEE) Part 2				
Design and Development	1	2025	3	2025
Testing	1	2025	3	2026
Deployment	1	2025	3	2026
Delivery Schedule Manager (DSM) (PIEE) Part 3				
Design and Development	1	2026	3	2026
Testing	1	2026	4	2026
Deployment	1	2026	4	2026
Pricing Management Capability (PMC) (PIEE) Part 3				
Design and Development	1	2026	3	2026
Testing	1	2026	4	2026
Deployment	1	2026	4	2026
Shipping Instructions Request (SIR) (PIEE) Part 2				
Design and Development	1	2026	3	2026
Testing	1	2026	4	2026
Deployment	1	2026	4	2026
Duty Free Entry (DFE) (PIEE)				
Design	1	2026	3	2026
Development	1	2026	3	2026
Testing	1	2026	4	2026
Deployment	1	2026	4	2026
Commercial Item Market Research				
Design	1	2026	3	2026

PE 0605013BL: *Information Technology Development*
Defense Contract Management Agency

UNCLASSIFIED
Page 22 of 23

R-1 Line #132

Volume 5 - 22

Exhibit R-4A, **RDT&E Schedule Details:** PB 2022 Defense Contract Management Agency	**Date:** May 2021

Appropriation/Budget Activity 0400 *I* 5	**R-1 Program Element (Number/Name)** PE 0605013BL *I Information Technology Development*	**Project (Number/Name)** 01 *I Systems Modifications and Development*

Events by Sub Project	**Start**		**End**	
	Quarter	**Year**	**Quarter**	**Year**
Development	1	2026	3	2026
Testing	1	2026	4	2026
Deployment	1	2026	4	2026

THIS PAGE INTENTIONALLY LEFT BLANK