Exhibit R-2, **RDT&E Budget Item Justification:** PB 2020 Defense Contract Management Agency										**Date:** March 2019	

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	Cost To Complete	Total Cost
Total Program Element	169.848	8.947	11.988	3.070	-	3.070	7.140	7.283	7.428	7.729	Continuing	Continuing
01: *Systems Modifications and Development*	169.848	8.947	11.988	3.070	-	3.070	7.140	7.283	7.428	7.729	Continuing	Continuing

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 across the Fourth Estate. 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).

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) DCMA App Store; and 2) Wide Area Work-Flow (WAWF).

These initiatives will empower mobile and fixed users ability to utilize DoD enterprise capabilities with the same level or better of efficiency and effectiveness.

Exhibit R-2, **RDT&E Budget Item Justification:** PB 2020 Defense Contract Management Agency				**Date:** March 2019	
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 2018**	**FY 2019**	**FY 2020 Base**	**FY 2020 OCO**	**FY 2020 Total**
Previous President's Budget	12.322	11.988	3.070	-	3.070
Current President's Budget	8.947	11.988	3.070	-	3.070
Total Adjustments	-3.375	0.000	0.000	-	0.000
• Congressional General Reductions	-1.000	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-2.375	-			
• SBIR/STTR Transfer	-	-			

| **Exhibit R-2A**, **RDT&E Project Justification:** PB 2020 Defense Contract Management Agency | | | | | | | | | | **Date:** March 2019 | |

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

COST ($ in Millions)	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	Cost To Complete	Total Cost
01: *Systems Modifications and Development*	169.848	8.947	11.988	3.070	-	3.070	7.140	7.283	7.428	7.729	Continuing	Continuing
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. In order to meet the needs of the DoD community, DCMA's current efforts include development investments in two core areas: 1) DCMA App Store; and 2) Wide Area Work-Flow (WAWF).

B. Accomplishments/Planned Programs ($ in Millions)	FY 2018	FY 2019	FY 2020
Title: System Modifications and Development	8.947	11.988	3.070

Description: The DCMA will use the systems and modifications program to focus on two main efforts which support: 1) messaging and collaboration (DCMA App Store); and 2) invoicing, receipt, acceptance and property transfer capabilities (WAWF). The DCMA App Store is required to centralize DCMA's acquisition mission specific applications into one application platform that will be housed on a DISA existing Impact Level 4 accredited cloud platform. The DCMA's second development effort will support Defense Logistics Agency's Wide area Workflow e-business suite by developing collaborative efficiencies in the invoicing effort between Defense Finance and Accounting Services (DFAS), DCMA, and vendors.

FY 2019 Plans:
MOCAS
In FY 2019 the MOCAS JPMO's focus will transition from modernizing business processes to implementing the modernized conceptual design architectures. The JPMO anticipates the legacy MOCAS architecture transition will commence through prototyping and analysis of detailed designs of early development focused on three key enterprise service segments; Data Migration and Stabilization, Enhanced Reporting and User Workflow Automation. Additionally, in parallel, the MOCAS JPMO working through the DoD-wide enterprise governance model will continue to study, select, design, develop, test, and implement critical System Change Requests (SCRs) to further yield efficiency within the DoD's Procure to Pay (P2P) Business Process.

IWMS
IWMS will complete development and deployment of contract close-out and subsequently integrate with The Defense Contract Audit Agency (DCAA) and DCMA's Contract Business Analysis Repository to provide a "one stop shop" for DOD contract integration and close-out capabilities.

Business Intelligence (BI) Modernization

Exhibit R-2A, RDT&E Project Justification: PB 2020 Defense Contract Management Agency		Date: March 2019
Appropriation/Budget Activity 0400 / 5	**R-1 Program Element (Number/Name)** PE 0605013BL / *Information Technology Development*	**Project (Number/Name)** 01 / *Systems Modifications and Development*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2018	FY 2019	FY 2020
BI Modernization will continue to provide internal DCMA end users self-service customization allowing for the creation and modification of canned and unique dashboards, displays, workspaces, and reporting across a multitude of DCMA functional capabilities. This cost category also includes online analytical processing (OLAP) which is a broader category of business intelligence which can be used for report writing. *FY 2020 Plans:* DCMA App Store Development and testing for a new DCMA App Store capability which will replace DCMA's current Legacy eTools through rationalization and modernization. This investment transfers legacy application hosting and management of business requirements to an Impact Level 4/5 (IL4/IL5) cloud platform supported by Defense Information Systems Agency's (DISA) Enterprise solution. WAWF This effort will provide a more efficient way to retrieve accepted receiving report information for their active Commercial and Government Entity (CAGE) Codes and applicable extensions when initiating invoices for WAWF direct and vendor direct-shipping deliveries. It will reduce significant manual processes as an electronic solution is currently unavailable. In addition, funding will be used to develop processes to increase electronic submissions and decrease manual labor to create paper corrected receiving reports and prevent delays due to manual processing of documents. Requested changes for Wide Area WorkFlow were submitted to the Operational Requirements Committee (ORC) for review and approval. This committee is chaired by Defense Procurement and Acquisition Policy Directorate (DPAP) and the DoD Comptroller. *FY 2019 to FY 2020 Increase/Decrease Statement:* Explanation of change from FY 2019 to FY 2020 decreases result from a complete review of DCMA's IT environment requested by The Agency Director and new Chief Information Officer. DCMA conducted a requirements acquisition strategy review ensuring future development be aligned to the current DoD Enterprise and Agency strategic goals and objectives. As a result of this review and the DoD directive to complete the 4th Estate IT network optimization effort and transfer commodity management to DISA, DCMA is temporarily restricting focus of development to a few key projects.			
Accomplishments/Planned Programs Subtotals	8.947	11.988	3.070

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

Exhibit R-2A, **RDT&E Project Justification:** PB 2020 Defense Contract Management Agency		**Date:** March 2019
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*

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.

E. Performance Metrics

To deliver on our mission and vision, the Agency is focused on five primary strategic goals: 1) Enhance Lethality through On-Time Delivery of quality products; 2) Enhance Lethality through Affordability; 3) Ensure Agency funds are used in alignment with Department guidance and executed in a transparent, accountable manner; 4) Reform the Agency business practices by working smarter not harder; and 5) Enhance and Strengthen the skills, readiness, and effectiveness of the total workforce. All five of these strategic goals align to the current three pillars of the National Defense strategy to: 1) Build a More Lethal Force; 2) Strengthen Our Alliances and Attract New Partners; and 3) Reform the Department's business practices for greater performance and affordability. The Agency will assess each of these primary strategic goals identifying measurable capability improvements leading to enhanced Warfighter Lethality through timely delivery of quality products, and acquisition insight supporting affordability and readiness.

Exhibit R-3, **RDT&E Project Cost Analysis:** PB 2020 Defense Contract Management Agency										**Date:** March 2019		
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*		

Product Development ($ in Millions)				**FY 2018**		**FY 2019**		**FY 2020 Base**		**FY 2020 OCO**		**FY 2020 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**
DCMA App Store	C/FFP	Various : Various	-	-		-		2.270	Jan 2020	-		2.270	Continuing	Continuing	2.270
WAWF	C/FFP	Various : Various	-	-		-		0.800	Jan 2020	-		0.800	Continuing	Continuing	0.800
Other Programs	C/FFP	Various : Various	169.848	8.947		11.988		-		-		-	Continuing	Continuing	-
		Subtotal	169.848	8.947		11.988		3.070		-		3.070	Continuing	Continuing	N/A

	Prior Years	**FY 2018**		**FY 2019**		**FY 2020 Base**	**FY 2020 OCO**	**FY 2020 Total**	**Cost To Complete**	**Total Cost**	**Target Value of Contract**
Project Cost Totals	169.848	8.947		11.988		3.070	-	3.070	Continuing	Continuing	N/A

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.

Exhibit R-4, **RDT&E Schedule Profile:** PB 2020 Defense Contract Management Agency		**Date:** March 2019
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 2018				FY 2019				FY 2020				FY 2021				FY 2022				FY 2023				FY 2024			
	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										■	■	■																
Testing													■															
Deploy													■	■														
Other Programs																												
Requirement	■	■	■	■	■	■																						
Integrated Workload Management System (IWMS) Delegation Capability																												
Requirement														■														
Develop, Test, Deploy															■													
Integrated Workload Management System (IWMS) Surveillance Events Planning Capability																												
Requirement											■																	
Development													■	■														
Test and Deploy																■												
Integrated Workload Management System (IWMS) Contract Closeout Capability																												
Requirement																■												
Development																	■											
Test																			■									
Deploy																				■								
Mechanization of Contract Administration Services (MOCAS)																												
Requirement										■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

Exhibit R-4, RDT&E Schedule Profile: PB 2020 Defense Contract Management Agency		Date: March 2019
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 2018				FY 2019				FY 2020				FY 2021				FY 2022				FY 2023				FY 2024			
	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
Develop, Test, Deploy (MOCAS Modernization Release 1)																	███	███										
Develop, Test, Deploy (MOCAS Modernization Release 2)																	███	███	███	███	███	███	███	███	███	███	███	
Develop, Test, Deploy (MOCAS Modernization Release 3)																					███	███	███	███	███	███	███	
Develop, Test, Deploy (MOCAS Modernization Release 4)																									███	███		
DCMA App Store Capability Release Sprint 1																												
Development										███	███																	
Testing											███	███																
Deploy											███	███																
DCMA App Store Capability Release Sprint 2																												
Requirement																	███	███										
Devlop, Test, Deploy																		███	███									
DCMA App Store Capability Release Sprint 3																												
Requirement																									███	███		
Devlop, Test, Deploy																										███	███	

Exhibit R-4A, RDT&E Schedule Details: PB 2020 Defense Contract Management Agency		Date: March 2019
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
Testing	1	2021	1	2021
Deploy	1	2021	2	2021
Other Programs				
Requirement	1	2018	4	2019
Integrated Workload Management System (IWMS) Delegation Capability				
Requirement	3	2021	3	2021
Develop, Test, Deploy	4	2021	4	2021
Integrated Workload Management System (IWMS) Surveillance Events Planning Capability				
Requirement	2	2021	2	2021
Development	3	2021	4	2021
Test and Deploy	1	2022	1	2022
Integrated Workload Management System (IWMS) Contract Closeout Capability				
Requirement	1	2022	1	2022
Development	2	2022	2	2022
Test	3	2022	3	2022
Deploy	4	2022	4	2022
Mechanization of Contract Administration Services (MOCAS)				
Requirement	1	2021	4	2024

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Exhibit R-4A, RDT&E Schedule Details: PB 2020 Defense Contract Management Agency				Date: March 2019	
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**
Develop, Test, Deploy (MOCAS Modernization Release 1)	1	2022	4	2022
Develop, Test, Deploy (MOCAS Modernization Release 2)	1	2022	4	2024
Develop, Test, Deploy (MOCAS Modernization Release 3)	1	2023	4	2024
Develop, Test, Deploy (MOCAS Modernization Release 4)	1	2024	4	2024
DCMA App Store Capability Release Sprint 1				
Development	2	2020	4	2020
Testing	3	2020	2	2021
Deploy	1	2021	3	2021
DCMA App Store Capability Release Sprint 2				
Requirement	1	2022	3	2022
Devlop, Test, Deploy	2	2022	4	2022
DCMA App Store Capability Release Sprint 3				
Requirement	1	2024	3	2024
Devlop, Test, Deploy	2	2024	4	2024