

# UNCLASSIFIED

**Exhibit R-2, RDT&E Budget Item Justification:** FY 2018 Office of the Secretary Of Defense **Date:** May 2017

<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 5: System Development &amp; Demonstration (SDD)</i>					<b>R-1 Program Element (Number/Name)</b> PE 0605027D8Z I OUSD(C) IT Development Initiative							
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018 Base</b>	<b>FY 2018 OCO</b>	<b>FY 2018 Total</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
Total Program Element	33.667	13.457	16.524	21.353	-	21.353	8.154	8.221	8.270	8.403	-	-
927: <i>Next Generation Resource Management System</i>	33.667	4.807	7.224	8.853	-	8.853	8.154	8.221	8.270	8.403	Continuing	Continuing
929: <i>Financial Management Certification Tracking and Reporting Tool</i>	0.000	0.000	2.000	2.000	-	2.000	0.000	0.000	0.000	0.000	Continuing	Continuing
930: <i>Universe of Transactions</i>	0.000	8.650	7.300	10.500	-	10.500	0.000	0.000	0.000	0.000	Continuing	Continuing

## Note

BUDGET REQUEST JUSTIFICATION: +\$21.353 million is required to support the following efforts:

Next Generation Resource Management System (NGRMS): funds are realigned from the Defense Logistics Agency to OSD to align funding with the program office for more efficient execution.

Financial Management Certification Tracking and Reporting Tool (FM-CTRT): +\$2.000M new start support to plan, develop, test and implement the Department of Defense FM-CTRT. The DoD FM-CTRT replaces the WHS FM Learning Management System (LMS) DoD Financial Management Certification Program (DFMCP) system of record. After three years, FM LMS has performed barely adequately in implementing section 1051 of the FY 2012 NDAA, Public Law 112-8 for improved audit readiness and analytical capability for the 54,000 DoD FM workforce.

Universe of Transactions: +\$10.500 million is for the first phase of the Auditable Universe of Data Intelligence Tool implementation with U.S. Special Operations Command (USSOCOM) and other Defense Agency systems to develop a baseline application and configuration to support financial statement audits. When the first phase has been successfully completed, the second phase will integrate into the full solution any remaining accounting and business feeder systems that execute TI-97 funds and be the solution for DATA Act. The current time line for the first phase is estimated to be completed by December 2017. The follow on phase for DATA Act and remaining systems in scope will require development activities through September 2018. This effort complies with the NDAA requirement to use big data technologies to support financial audits.

## A. Mission Description and Budget Item Justification

As the Department of Defense strategic, operational, and tactical plans and objectives transform the war fighter with new capabilities and doctrine, the budgeting and accountability of funds used to pursue the Department objectives will become more complicated and detailed for senior leaders to make decisions with supporting rationale for the taxpayer. Incorporating information technology toward current and emerging business processes manifesting into a state-of-the art system of systems will result in increasing efficiencies, timely diagnostics, and reducing lifecycle costs to maintain, sustain and repair.

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Exhibit R-2, RDT&E Budget Item Justification: FY 2018 Office of the Secretary Of Defense		Date: May 2017
Appropriation/Budget Activity 0400: Research, Development, Test & Evaluation, Defense-Wide / BA 5: System Development & Demonstration (SDD)	R-1 Program Element (Number/Name) PE 0605027D8Z / OUSD(C) IT Development Initiative	
<p>This initiative exploits emerging technology, processes, trends, capabilities, and techniques to incorporate state-of-the-art information technology enabling the ability, agility, and level of fidelity to collect, process, administrate and report resource management data and to automate business processes within a more robust analytical environment within the Office of the Under Secretary of Defense (Comptroller) OUSD(C).</p>		
<p>NEXT GENERATION RESOURCE MANAGEMENT SYSTEM:</p> <p>The Department's budget focuses on institutionalizing and financing our capabilities to fight the wars we are in today and the scenarios we are most likely to face in the years ahead, while at the same time mitigating risk and providing for contingency operations. It also includes a fundamental overhaul of the DoD's approach to procurement, acquisition, and contracting. As such, the complex details of budgeting and tracking of funds become increasingly critical to senior leader decision making and to provide accountability to the taxpayer. Incorporating information technology toward current and emerging business processes manifesting into a state-of-the art system of systems will result in increasing efficiencies, timely diagnostics, and reducing lifecycle costs to maintain, sustain and repair.</p>		
<p>Today, the Office of the Under Secretary of Defense Comptroller OUSD(C) and the Cost Analysis and Program Evaluation (CAPE) use various distinct automated systems (Comptroller Information System (CIS), Program Resource Collection Process (PRCP), Supplemental Resource Collection Process (SRCP), Budget Exhibits Generator and Standard Data Collection System (SDCS)) to formulate, justify, and execute DoD budgets. These six or more systems interact with at least several computer-based systems controlled by external organizations and agencies. These systems manage very similar financial information, yet each uses its own scheme for representing information. Much of the information managed by these systems is redundant. Cross-system data representations and redundancies make it difficult to exchange and to reconcile information. The capabilities provided by Comptroller systems, in some cases, fail to deliver services needed by its users, or fail to operate in ways that complement current and emerging business practices. They fail to give executives information in a comprehensible form, making it difficult to draw conclusions. Data disparities and functional redundancy make these systems more costly to maintain than they need to be.</p>		
<p>There is a critical need for the development of a state-of-the-art information technology system to modernize and replace multiple, antiquated legacy systems and processes used to formulate, justify, present and defend the entire Department of Defense Budget in the Office of the Under Secretary of Defense (Comptroller) (OUSD(C)) to meet Title 10 and Title 31 mission and reporting requirements. The Comptroller's plan for mitigating the deficiencies and capability gaps associated with current systems is development of the Next Generation Resource Management System.</p>		
<p>This initiative exploits emerging technology, processes, trends, capabilities, and techniques to incorporate state-of-the-art information technology enabling the ability, agility, and level of fidelity to collect, process, administer and report resource management data and to automate business processes within a more robust analytical environment within the Office of the Under Secretary of Defense (Comptroller) OUSD(C). Funded efforts will improve the timeliness of resource management reviews and decisions for senior leaders and Congress.</p>		
<p>FINANCIAL MANAGEMENT CERTIFICATION TRACKING AND REPORTING TOOL:</p>		
<p>The Defense Financial Management Certification Program (DFMCP) meets the business requirement to comply with section 1051 of the FY 2012 National Defense Authorization Act (NDAA), Public Law 112-81, authorizing the Secretary of Defense to establish a certification program for the 54,000 Financial Management (FM) workforce in order to improve audit readiness and analytic capability.</p>		

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<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> FY 2018 Office of the Secretary Of Defense		<b>Date:</b> May 2017
<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 5: System Development &amp; Demonstration (SDD)</i>		<b>R-1 Program Element (Number/Name)</b> PE 0605027D8Z I <i>OUSD(C) IT Development Initiative</i>
<p>The Department of Defense has a requirement to strengthen the professional development of the DoD financial management workforce and to ensure that DoD financial managers are properly trained to meet current and future requirements to support the Warfighter. The DFMCP is the approved strategy to meet this requirement. The DFMCP needs a tracking and reporting tool for web-based course training and exams, a robust reporting capability for standard and ad hoc reports, a course search capability, sort filtering capability, and a capability to attach multiple documents once the training certification requirements are completed. The tool will self-guides users through the policies and procedures required by the program, without the burden of extensive training on how to use the system itself. The tool will enable program operations, with embedded business rules, that represent policy and procedures, and have internal controls that prevent improper actions. The tool will be intuitive, track and record activities, and enable users to perform correct actions the first time. The tool will provide a reporting tool that furnishes leadership with near real time management reports concerning FM Workforce Certification Qualifications and be adaptable to reasonable changes in DFMCP policies and procedures.</p> <p>UNIVERSE OF TRANSACTIONS:            Funding will support financial audit. A Universe of Transaction (UoT) inclusive of all Department of Defense (DoD) Wide Appropriation General Fund (TI-97) information is needed to support reconciliation of fifteen General Fund accounting systems, reconciliation of eighteen business feeder systems to general fund accounting system, and validating UoT capabilities through the audit examinations of DCMA and DoDEA.</p> <p>The DoD TI-97 UoT requires:</p> <ul style="list-style-type: none"> <li>• All supporting TI-97 data that rolls up to the DoD financial statement (detailed accounting data reconciled to the financial statement)</li> <li>• Proof of the completeness of all transactional data reported within the UoT (detailed accounting data reconciled to business events)</li> <li>• Ability to extract subset populations</li> <li>• Ability to secure and protect the data within the UoT</li> </ul> <p>The failure to meet these requirements will result in the Department unable to successfully conduct and pass an audit.</p> <p>To achieve these requirements, the Office of the Under Secretary of Defense (Comptroller) is creating a tool called the Auditable Universe of Data Intelligence Tool (AUD-IT). This tool has the potential to significantly improve DoD's capability and capacity to handle large volumes of standard and non-standard financial data. Both an application and analytical platform, the AUD-IT leverages an open-source software framework for storing data and running applications to deliver a complete UoT for TI-97.</p> <p>The first phase of AUD-IT implementation is a proof of concept with the U.S. Special Operations Command (USSOCOM) systems to develop a baseline application and configuration. When the first phase has been successfully completed, the second phase will integrate into the full solution any remaining accounting and business feeder systems that execute TI-97 funds and be the solution for DATA Act. The current timeline for the proof of concept is estimated to be completed by December 2017.</p> <p>AUD-IT is a joint effort between Office of the Deputy Chief Financial Officer (ODCFO), Office of the Deputy Chief Management Officer (ODCMO), Office of the Chief Information Officer (OCIO), USSOCOM, and the Defense Finance and Accounting Service (DFAS).</p>		

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Exhibit R-2, RDT&E Budget Item Justification: FY 2018 Office of the Secretary Of Defense				Date: May 2017	
Appropriation/Budget Activity		R-1 Program Element (Number/Name)			
0400: Research, Development, Test & Evaluation, Defense-Wide I BA 5: System Development & Demonstration (SDD)		PE 0605027D8Z I OUSD(C) IT Development Initiative			
B. Program Change Summary (\$ in Millions)	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Previous President's Budget	13.457	16.524	0.000	-	0.000
Current President's Budget	13.457	16.524	21.353	-	21.353
Total Adjustments	0.000	0.000	21.353	-	21.353
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Adjustments	-	-	21.353	-	21.353
Change Summary Explanation					
BUDGET REQUEST JUSTIFICATION: +\$21.410 million is required to support the following efforts:					
Next Generation Resource Management System (NGRMS) +\$8.910 million and out years (Program transfer from DLA to OSD)					
Financial Management Certification Tracking and Reporting Tool +\$2.000 million					
Universe of Transactions (UoT) +\$10.500 million					

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Exhibit R-2A, RDT&E Project Justification: FY 2018 Office of the Secretary Of Defense										Date: May 2017		
Appropriation/Budget Activity 0400 / 5					R-1 Program Element (Number/Name) PE 0605027D8Z / OUSD(C) IT Development Initiative				Project (Number/Name) 927 / Next Generation Resource Management System			
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
927: Next Generation Resource Management System	33.667	4.807	7.224	8.853	-	8.853	8.154	8.221	8.270	8.403	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

## Note

The initial plan was to move funding to DLA starting in FY2017 for more efficient execution. However, due to delays in the NGRMS environment and no significant progress in the program execution by the DLA Program Management Office, the funding should move back to OUSD(C) to allow Comptroller to get the project back on track and determine a way forward.

## A. Mission Description and Budget Item Justification

The Department's budget focuses on institutionalizing and financing our capabilities to fight the wars we are in today and the scenarios we are most likely to face in the years ahead, while at the same time mitigating risk and providing for contingency operations. It also includes a fundamental overhaul of the DoD's approach to procurement, acquisition, and contracting. As such, the complex details of budgeting and tracking of funds become increasingly critical to senior leader decision making and to provide accountability to the taxpayer. Incorporating information technology toward current and emerging business processes manifesting into a state-of-the art system of systems will result in increasing efficiencies, timely diagnostics, and reducing lifecycle costs to maintain, sustain and repair.

Today, the Office of the Under Secretary of Defense Comptroller OUSD(C) and the Cost Analysis and Program Evaluation (CAPE) use various distinct automated systems (Comptroller Information System (CIS), Program Resource Collection Process (PRCP), Supplemental Resource Collection Process (SRCP), Budget Exhibits Generator and Standard Data Collection System (SDCS)) to formulate, justify, and execute DoD budgets. These six or more systems interact with at least several computer-based systems controlled by external organizations and agencies. These systems manage very similar financial information, yet each uses its own scheme for representing information. Much of the information managed by these systems is redundant. Cross-system data representations and redundancies make it difficult to exchange and to reconcile information. The capabilities provided by Comptroller systems, in some cases, fail to deliver services needed by its users, or fail to operate in ways that complement current and emerging business practices. They fail to give executives information in a comprehensible form, making it difficult to draw conclusions. Data disparities and functional redundancy make these systems more costly to maintain than they need to be.

There is a critical need for the development of a state-of-the-art information technology system to modernize and replace multiple, antiquated legacy systems and processes used to formulate, justify, present and defend the entire Department of Defense Budget in the Office of the Under Secretary of Defense (Comptroller) (OUSD(C)) to meet Title 10 and Title 31 mission and reporting requirements. The Comptroller's plan for mitigating the deficiencies and capability gaps associated with current systems is development of the Next Generation Resource Management System.

This initiative exploits emerging technology, processes, trends, capabilities, and techniques to incorporate state-of-the-art information technology enabling the ability, agility, and level of fidelity to collect, process, administer and report resource management data and to automate business processes within a more robust analytical

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> FY 2018 Office of the Secretary Of Defense		<b>Date:</b> May 2017	
<b>Appropriation/Budget Activity</b> 0400 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0605027D8Z / OUSD(C) IT Development Initiative	<b>Project (Number/Name)</b> 927 / Next Generation Resource Management System	
environment within the Office of the Under Secretary of Defense (Comptroller) OUSD(C). Funded efforts will improve the timeliness of resource management reviews and decisions for senior leaders and Congress.			
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2016</b>	<b>FY 2017</b>
<b>Title:</b> Next Generation Resource Management System  <b>Description:</b> Plan, develop, test and evaluate the system components (i.e. unified database, expert system, cross domain security, enterprise service bus, applications, services) and supportability requirements in modernizing the budget formulation, programming execution and reporting capabilities for the Department of Defense. Activities will include, but not be limited to, the preparation of all documentation required for Clinger-Cohen Compliance and acquisition regulations, developing requests for proposals, and oversight and management of contracts and deliverables.  <b>FY 2016 Accomplishments:</b> Continue Program Management Office 1Q FY 2016-4Q FY 2016 Increment 1.0 Deployment 2Q 2016 Increment 2.0 Milestone B 4Q FY 2016  <b>FY 2017 Plans:</b> The initial plan was to move funding to DLA starting in FY2017 for more efficient execution. However, due to delays in the NGRMS environment and no significant progress in the program execution by the DLA Program Management Office, the funding should move back to OUSD(C) to allow Comptroller to get the project back on track and determine a way forward.  <b>FY 2018 Plans:</b> The initial plan was to move funding to DLA starting in FY2017 for more efficient execution. However, due to delays in the NGRMS environment and no significant progress in the program execution by the DLA Program Management Office, the funding should move back to OUSD(C) to allow Comptroller to get the project back on track and determine a way forward.		4.807	7.224
<b>Accomplishments/Planned Programs Subtotals</b>		4.807	7.224
<b>C. Other Program Funding Summary (\$ in Millions)</b> N/A			
<b>Remarks</b>			
<b>D. Acquisition Strategy</b> IDIQ with Contractor Teaming Arrangement (CTA) partners, 40% small business participation Materiel Development Decision (MDD) 2Q FY2013 Approval to Enter Acquisition LifeCycle at Milestone B by the MDA 4Q FY2013 NGRMS Contract Award Date 4Q FY2014			

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Exhibit R-2A, RDT&E Project Justification: FY 2018 Office of the Secretary Of Defense		Date: May 2017
Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0605027D8Z / OUSD(C) IT Development Initiative	Project (Number/Name) 927 / Next Generation Resource Management System
Milestone B for Increment 1.0 2Q FY2015 Milestone C for Increment 1.0 2Q FY2016 Full Deployment Decision for Increment 1.0 2Q FY2016 Increment 2.0 Contract Award 4Q FY2015 Milestone B for Increment 2.0 4Q FY2016		
E. Performance Metrics N/A		

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Exhibit R-2A, RDT&E Project Justification: FY 2018 Office of the Secretary Of Defense										Date: May 2017		
Appropriation/Budget Activity 0400 / 5					R-1 Program Element (Number/Name) PE 0605027D8Z / OUSD(C) IT Development Initiative				Project (Number/Name) 929 / Financial Management Certification Tracking and Reporting Tool			
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
929: Financial Management Certification Tracking and Reporting Tool	0.000	0.000	2.000	2.000	-	2.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**Note**

+\$2.000M new start support to plan, develop, test and implement the Department of Defense Financial Management - Certification Tracking and Reporting Tool (FM-CTRT). The DoD FM-CTRT replaces the WHS FM Learning Management System (LMS) DoD Financial Management Certification Program (DFMCP) system of record. After three years, FM LMS has performed barely adequately in implementing section 1051 of the FY 2012 NDAA, Public Law 112-8 for improved audit readiness and analytical capability for the 54,000 DoD FM workforce.

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

The Investment Review Board approved the Department of Defense Financial Management Certification Program (DFMCP) Problem Statement on July 28th, 2016. The DFMCP meets the business requirement to comply with section 1051 of the FY 2012 NDAA, Public Law 112-8 for improved audit readiness and analytic capability of the 54,000-strong Financial Management (FM) workforce.

The Department of Defense continues to use the Washington Headquarter Services Learning Management System (LMS) DFMCP system of record. LMS has performed barely adequately in implementing the certification program. A fair assessment by the program office is that despite three years of providing, improving and proliferating training, most FM LMS users and administrators cannot use the LMS proficiently. The result from the users' perspectives is that the program is flawed, that achievement of certification is unnecessarily difficult, and that instead of enabling the DFMCP, the FM LMS is an obstacle to be surmounted. The FM workforce's frustration with the FM LMS was raised by the Military Department Comptrollers and the Directors of the DFAS and DCAA as the most significant issue with the new FM Certification Program and an issue requiring immediate resolution. This culminated with an Under Secretary of Defense (Comptroller) decision to explore other alternatives to the current FM LMS. The existing FM LMS is a cumbersome and expensive system.

This effort is to plan, develop, test and implement the DoD Financial Management Certification Tracking and Reporting Tool (FM-CTRT) as a more efficient and cost effective solution.

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

	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>
<b>Title:</b> Financial Management Certification Tracking and Reporting Tool	0.000	2.000	2.000
<b>Description:</b> Plan, develop, test and implement the DoD Financial Management Certification Tracking and Reporting tool (FM-CTAR). This tool implements the internal controls outlined in DODI 1300.26, Financial Management Certification Program. The tool will provide the DoD Financial Management workforce with the on-line capability to work toward and track their FM			



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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> FY 2018 Office of the Secretary Of Defense		<b>Date:</b> May 2017	
<b>Appropriation/Budget Activity</b> 0400 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0605027D8Z / OUSD(C) IT Development Initiative	<b>Project (Number/Name)</b> 929 / Financial Management Certification Tracking and Reporting Tool	
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2016</b>	<b>FY 2017</b>
<p>certification. Further it must promote the efficiency and effectiveness of the DoD FM workforce to meet the requirements the FY12 NDAA authorizing the Certification of the DOD FM community.</p> <p><b>FY 2016 Accomplishments:</b>            Developed and executed an Academic Course library            Developed and executed an interactive Learning History Worksheet</p> <p><b>FY 2017 Plans:</b>            Pre-contract award in Q2 through Q3.            Award contract in Q4.</p> <p><b>FY 2018 Plans:</b>            Pre-contract award in Q2 through Q3.            Award contract in Q4.</p>			
<b>Accomplishments/Planned Programs Subtotals</b>		0.000	2.000
<b>C. Other Program Funding Summary (\$ in Millions)</b>			
N/A			
<b>Remarks</b>			
<b>D. Acquisition Strategy</b>			
Leveraging existing contracts for award.			
<b>E. Performance Metrics</b>			
N/A.			

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Exhibit R-2A, RDT&E Project Justification: FY 2018 Office of the Secretary Of Defense										Date: May 2017		
Appropriation/Budget Activity 0400 / 5					R-1 Program Element (Number/Name) PE 0605027D8Z / OUSD(C) IT Development Initiative				Project (Number/Name) 930 / Universe of Transactions			
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
930: Universe of Transactions	0.000	8.650	7.300	10.500	-	10.500	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**Note**

+\$10.500 million is for the first phase of the Auditable Universe of Data Intelligence Tool implementation with U.S. Special Operations Command (USSOCOM) and other Defense Agency systems to develop a baseline application and configuration to support financial statement audits. When the first phase has been successfully completed, the second phase will integrate into the full solution any remaining accounting and business feeder systems that execute TI-97 funds and be the solution for DATA Act. The current time line for the first phase is estimated to be completed by December 2017. The follow on phase for DATA Act and remaining systems in scope will require development activities through September 2018. This effort complies with the NDAA requirement to use big data technologies to support financial audits.

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

Without a single UoT to support the TI97 General Fund for the 4th Estate the Department will be incapable of asserting readiness for an independent audit of the consolidated financial statements. All DoD organizations are pursuing the current statutory goal of achieving the state of audit readiness (target September 30, 2017) that supports entry into a full financial statement of audit in FY 2018 (target start date March 2018) with an initial opinion rendered in mid-FY 2019. Without an automated capability to provide a transactional universe for sampling and evidentiary proof the department will not be in compliance with public law.

The requested funds will be used to buy "Big Data" software and hardware infrastructure and required contractor services to implement the technology to meet the UoT requirement.

This UFR includes subject matter expertise costs for DCFO and funds to be placed on a contract for hardware, software, and labor. This will not result in hiring additional government personnel.

The UoT will have the capability to:

- Ingest data from multiple accounting and financial feeder systems
- Normalize data from multiple sources providing a common data architecture
- Reconcile transactional details to summary financial data
- Provide auditor's the ability to sample TI-97 detailed transactions
- Business Analytics/Reporting
- DATA Act which is a statutory requirement to be completed by May 2017
- Provide NIPR and SIPR capability for non-sensitive and sensitive data

This effort is a proof of concept focused on USSOCOM, but will apply to all TI-97 general fund entities. The scope is to bring in data from an estimated 50 systems and demonstrate existence and completeness of business and accounting transaction data, which are capabilities required for audit readiness.

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<b>Appropriation/Budget Activity</b> 0400 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0605027D8Z / OUSD(C) IT Development Initiative	<b>Project (Number/Name)</b> 930 / Universe of Transactions	
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2016</b>	<b>FY 2017</b>
<b>Title:</b> Universe of Transactions Defense Wide Appropriation General Fund		8.650	7.300
<b>Description:</b> Plan, develop, test and evaluate the system components (i.e. unified database, cross domain security, applications, services) and supportability requirements in creating a universe of transactions for the Defense Wide General Fund Appropriation financial audit.			
The funds will be used to support increments three, four, five, and six per the schedule.			
<b>FY 2016 Accomplishments:</b> Created project management office Q4 2016. Ingested and completed reconciliation for nine DoD accounting systems data Q4 2016.			
<b>FY 2017 Plans:</b> Reconcile fifteen General Fund accounting systems Reconcile eighteen business feeder systems to general fund accounting system. Validate UoT capabilities through the audit examinations of DCMA and DoDEA			
<b>FY 2018 Plans:</b> Reconcile fifteen General Fund accounting systems Reconcile eighteen business feeder systems to general fund accounting system. Validate UoT capabilities through the audit examinations of DCMA and DoDEA			
<b>Accomplishments/Planned Programs Subtotals</b>		8.650	7.300
<b>C. Other Program Funding Summary (\$ in Millions)</b> N/A			
<b>Remarks</b>			
<b>D. Acquisition Strategy</b> Contract will be awarded by the Army Research Lab in June 2017. That contract will have an option year for 2018.			
<b>E. Performance Metrics</b> 97% of the Defense Agencies accounting systems reconcile to the unadjusted trial balance			

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis: FY 2018 Office of the Secretary Of Defense</b>												<b>Date: May 2017</b>			
<b>Appropriation/Budget Activity</b> 0400 / 5						<b>R-1 Program Element (Number/Name)</b> PE 0605027D8Z / OUSD(C) IT Development Initiative						<b>Project (Number/Name)</b> 930 / Universe of Transactions			
<b>Product Development (\$ in Millions)</b>				<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018 Base</b>		<b>FY 2018 OCO</b>		<b>FY 2018 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Universe of Transactions Defense Wide Appropriation General Fund	C/T&M	OUSD(C) : Pentagon	0.000	6.847	Jun 2017	5.900	May 2017	7.500	Apr 2018	-		7.500	Continuing	Continuing	-
<b>Subtotal</b>			0.000	6.847		5.900		7.500		-		7.500	-	-	-
<b>Support (\$ in Millions)</b>				<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018 Base</b>		<b>FY 2018 OCO</b>		<b>FY 2018 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Universe of Transactions Defense Wide Appropriation General Fund	C/T&M	OUSD(C) : Pentagon	0.000	1.803	Jan 2017	1.400	Jan 2017	3.000	Apr 2018	-		3.000	Continuing	Continuing	-
<b>Subtotal</b>			0.000	1.803		1.400		3.000		-		3.000	-	-	-
			<b>Prior Years</b>	<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018 Base</b>		<b>FY 2018 OCO</b>		<b>FY 2018 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Project Cost Totals</b>			0.000	8.650		7.300		10.500		-		10.500	-	-	-
<b>Remarks</b> N/A															

# UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: FY 2018 Office of the Secretary Of Defense

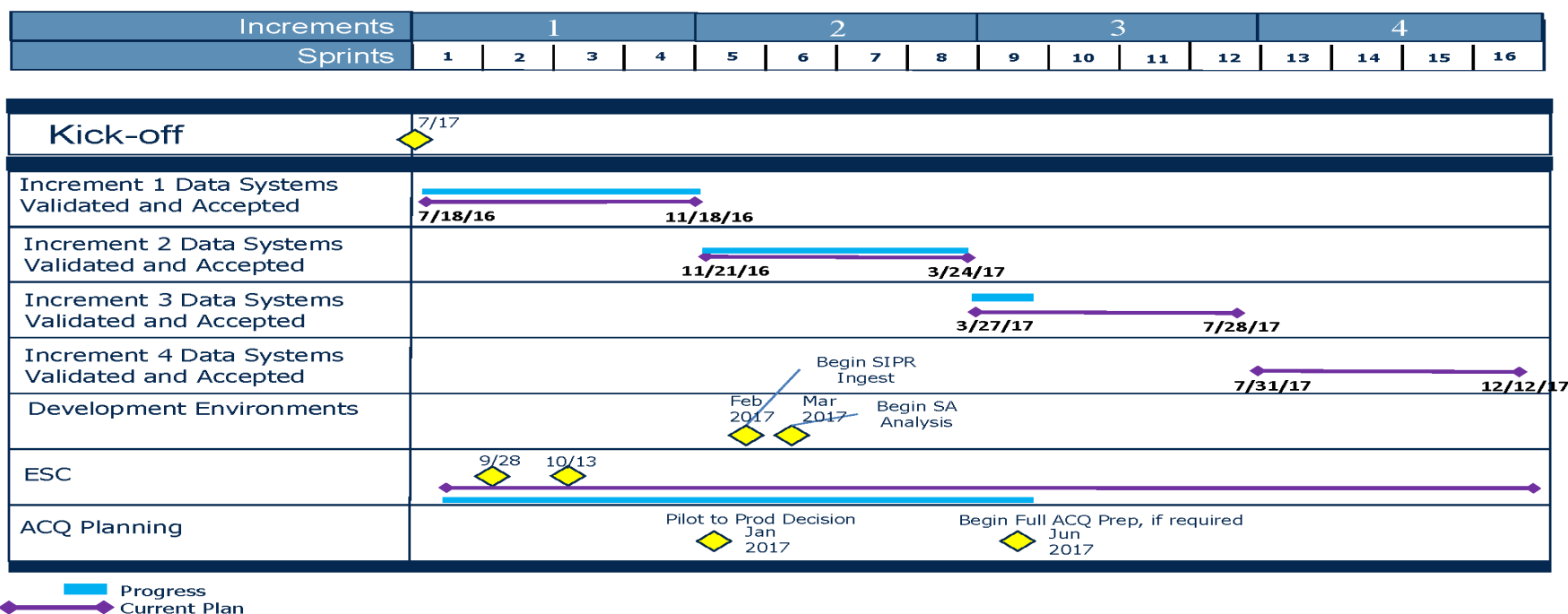
Date: May 2017

Appropriation/Budget Activity  
0400 / 5

R-1 Program Element (Number/Name)  
PE 0605027D8Z / OUSD(C) IT  
Development Initiative

Project (Number/Name)  
930 / Universe of Transactions

## UoT Schedule Overview



Slide: 1

# UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: FY 2018 Office of the Secretary Of Defense										Date: May 2017									
Appropriation/Budget Activity 0400 / 5										R-1 Program Element (Number/Name) PE 0605027D8Z / OUSD(C) IT Development Initiative									
										Project (Number/Name) 930 / Universe of Transactions									

## UoT Schedule Overview Cont.

Increments	5				6				7				8			
Sprints	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Kick-off	7/17															
Increment 5 Data Systems including cost management Validated and Accepted	12/13/17 4/18/18															
Increment 6 Data Systems Validated and Accepted including DATA Act	4/19/18 8/24/18															
Sustainment	8/25/18															

Progress  
Current Plan

Slide: 2

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> FY 2018 Office of the Secretary Of Defense			<b>Date:</b> May 2017
<b>Appropriation/Budget Activity</b> 0400 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0605027D8Z / OUSD(C) IT Development Initiative	<b>Project (Number/Name)</b> 930 / Universe of Transactions	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>Acquisition Milestone</b>				
Pilot to Production Decision	3	2017	3	2017
Begin Full Acquisition Prep	4	2017	4	2017