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<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> FY 2018 Defense Information Systems Agency	<b>Date:</b> May 2017
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<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide / BA 7: Operational Systems Development</i>	<b>R-1 Program Element (Number/Name)</b> PE 0208045K / <i>C4I Interoperability</i>
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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
Total Program Element	631.107	63.341	57.501	59.490	-	59.490	60.649	61.267	62.551	63.838	Continuing	Continuing
T30: <i>MRTFB Test and Evaluation</i>	154.161	6.074	7.624	7.732	-	7.732	7.884	7.893	8.056	8.056	Continuing	Continuing
T40: <i>Major Range Test Facility Base Operations</i>	476.946	57.267	49.877	51.758	-	51.758	52.765	53.374	54.495	55.782	Continuing	Continuing

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

The Defense Information Systems Agency's Joint Interoperability Test Command (JITC) serves as the only joint element of the Department of Defense's (DoD's) Major Range and Test Facility Base (MRTFB) that is operated primarily for Information Technology and National Security Systems (IT/NSS) Test and Evaluation (T&E) support missions. JITC executes the T&E mission in support of Command, Control, Communications, Computers and Intelligence (C4I), and is the DoD's Sole Interoperability Certifier and the only Non-Service Operational Test Agency.

With a focus on T&E for IT, JITC has the unique mission to provide consistent, structured, and effective T&E services that include converged information environment, Cyber, Cloud services, Mobility and NSS. JITC also has the responsibility for ensuring Joint/Coalition interoperability; issuing interoperability certifications; conducting operational evaluations; maintaining a federated IT infrastructure as a MRTFB activity and providing direct interoperability support to the warfighter by ensuring Joint warfighting capabilities are interoperable and support mission needs.

<b>B. Program Change Summary (\$ 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>
Previous President's Budget	63.341	57.501	59.657	-	59.657
Current President's Budget	63.341	57.501	59.490	-	59.490
Total Adjustments	0.000	0.000	-0.167	-	-0.167
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Reprogramming	-	-	-0.167	-	-0.167

**Change Summary Explanation**

The decrease of -\$0.167 in FY 2018 is a reduction to the automation and virtualization capabilities of DISA IT testing and evaluation services.

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Exhibit R-2A, RDT&E Project Justification: FY 2018 Defense Information Systems Agency										Date: May 2017		
Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 0208045K / C4I Interoperability				Project (Number/Name) T30 / MRTFB Test and Evaluation			
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
T30: MRTFB Test and Evaluation	154.161	6.074	7.624	7.732	-	7.732	7.884	7.893	8.056	8.056	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

The Defense Information Systems Agency (DISA), through the Joint Interoperability Test Command (JITC), manages the Department's Interoperability Test, Evaluation, and Certification process that is structured to provide meaningful and independent test results in order to increase stakeholder confidence. The objectives, of the Test and Evaluation (T&E) activities, are to validate that DISA's (and the Department's, where appropriate) deliverables have met operational requirements. The T&E activities target evaluation strategies in the design, development, operational, integration and/or sustainment aspects of every program requiring support. DISA's T&E efforts span a variety of test categories supporting DISA's delivery of Department-wide enterprise solutions as well as Service, Agency, and mission partner developmental, operational, Information Assurance, and interoperability testing, validation and certification efforts. These efforts are focused on T&E for Information Technology (IT) that includes the Joint Information Environment (JIE), Cyber, Cloud services, and Mobility.

As the Department of Defense (DoD) Joint Interoperability Certification Authority, JITC annually:

- Issues hundreds of interoperability testing and certification related products.
- Manages the scheduling and executes multiple annual distributed Joint Tactical Data Link hardware in the loop interoperability test events. These events are designed to evaluate, certify and re-certify Service/Agency Tactical Data systems.
- Reviews hundreds of Joint Capabilities Integration and Development System documents, interoperability support plans and Legacy Waiver requests on behalf of the DoD Chief Information Officer (CIO) and the Joint Staff.
- Serves as executive agent to DoD Interoperability Steering Group, in support of the DoD CIO, and uses this forum to coordinate policy, adjudicate issues, and to process Interim Certificates to Operate.
- Ensures interoperability test and certification standard practices and procedures are in accordance with DoD policy, and reviews and issues over 600 Joint interoperability certifications annually for DoD's Information Technology and National Security Systems (IT/NSS).
- Manages the scheduling and prioritization of multiple annual distributed Joint Tactical Data Link simulated test events using real components (hardware in the loop interoperability test events) designed to evaluate, certify and re-certify Service/Agency Tactical systems.

JITC provides interoperability test support to Joint, Coalition and Allied operations in theater by providing Interoperability test support within the area of responsibility and supports exercises intended to evaluate Joint, Coalition and Allied operations in, or planning to deploy to theater by:

- Providing on-demand rapid response contingency support to Regional Combatant Commands (COCOMs) as required, and conducting assessments of interoperability exercises.
- Conducting assessments during one of the largest interoperability exercises (the Endeavors).
- Broadening its support to the Joint Staff and functional COCOMs with a multitude of interoperability assessment services.
- Maintaining a 24x7 Warfighter Command, Control, Communications, Computers and Intelligence (C4I) Interoperability Hotline that connects warfighters to subject matter experts to resolve IT interoperability challenges.

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Exhibit R-2A, RDT&E Project Justification: FY 2018 Defense Information Systems Agency		Date: May 2017		
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0208045K / C4I Interoperability	Project (Number/Name) T30 / MRTFB Test and Evaluation		
<ul style="list-style-type: none"><li>Establishing the framework for the conduct of annual independent evaluations and the status of interoperability through DoD Interoperability Communications Exercises (DICE).</li><li>Emulating a distributed Joint Task Force network, providing realism and operational significance during the assessments and evaluations of data integrity, interfacing and responsiveness coupled with efficient configuration tactics, techniques, and procedures.</li><li>Including first responder local and federal communications as part of the task force.</li></ul> <p>As the only non-Service Operational Test Agency (OTA) within DoD, JITC conducts operational testing of IT/NSS under realistic conditions to determine the operational effectiveness, suitability, interoperability, and security; and independently assesses the operational impact of system issues on mission accomplishment. JITC is the OTA for DISA-managed programs, and also upon request serves as the OTA for other Agencies such as the Defense Logistics Agency, Department of Homeland Security, and the National Security Agency.</p> <p>JITC designs Operational Test and Evaluation (OT&amp;E) events to determine if IT/NSS meet user requirements, offering sustaining support services to users to assist Acquisition Program Managers with meeting their overall milestone objectives.</p> <p>JITC focuses its efforts towards core T&amp;E improvements, better T&amp;E policy for IT/NSS and designing new test methodologies to better assess Enterprise Service systems, aligning with the Information Technology Service Management model evaluating fulfillment services for suitability.</p> <p>The T&amp;E project supports the strategy development and investment plans in support of maintaining, improving and operating the DISA Major Range and Test Facility Base (MRTFB). Specific goals for DISA's MRTFB each year are to:</p> <ul style="list-style-type: none"><li>Integrate evolving technologies that are able to leverage efficiencies such as virtualization, enterprise elements such as Infrastructure as a Service and Platform as a Service, and the foundational Cyber assets mandated by the JIE.</li><li>Expand test infrastructure and operations to allow for rapid, on-demand provisioning, and federation across the DoD and Cyber integration with enterprise environments.</li><li>Design consistent, repeatable test methodologies that ensure efficient T&amp;E on changing or emerging technologies.</li><li>Provide T&amp;E guidance/oversight to nearly 130 DISA programs, creating synergy and efficiencies across the large DISA IT portfolio, gaining insight in new technologies and commercial best practices.</li></ul>				
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2016	FY 2017	FY 2018
Title: DoD's Joint Interoperability Certification Authority		5.296	6.704	6.812
Description: Plans and executes interoperability certifications for Department of Defense's (DoD)) Information Technology and National Security Systems (IT/NSS) by evaluating joint military operations, conformance to standards, and participating in developmental testing or executing purposefully planned Interoperability Test Events.				
FY 2016 Accomplishments: Focused on new T&E capabilities designed to add flexibility and enhance collaboration with partners to improve T&E services. Leveraged cloud and virtual technologies to provide automation and services that are more agile than physical test environments.				

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> FY 2018 Defense Information Systems Agency			<b>Date:</b> May 2017		
<b>Appropriation/Budget Activity</b> 0400 / 7		<b>R-1 Program Element (Number/Name)</b> PE 0208045K / C4I Interoperability		<b>Project (Number/Name)</b> T30 / MRTFB Test and Evaluation	
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>			<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>
Continued to capitalize on big data analytics and tools to conduct data analysis in the operational environment allowing for continuous assessment of overall performance, providing a means to define trends, focus test events, as well as reduce risk through continuous monitoring and evaluation.					
The decrease of -\$3.524 from FY 2015 to FY 2016 is due to realignment between T30 MRTFB Test & Evaluation and T40 Major Range Test Facility Base Operations to improve the expansion of automation and virtualization capabilities of DISA IT testing and evaluation services.					
<b>FY 2017 Plans:</b> Continue to enhance current T&E capabilities by employing automation technologies making these capabilities accessible to customers via the cloud in a self-service mode. Employ new technology and methodology to conduct data analysis in the operational environment promoting continuous assessment of capability performance resulting in identification/analysis of trends impacting ability to focus test events and reduce risk.					
The decrease of -\$0.392 from FY 2016 to FY 2017 is due to the automation of T&E services through the use of virtualization and cloud technologies thus reducing contractor support for these services and the reduction of contractor support for DICE Tactical Edge Testbed and methodology development completely phased out at the end of FY 2016.					
<b>FY 2018 Plans:</b> Increase customer accessibility through enhanced T&E capabilities by employing automation technologies via the cloud in a self-service mode. Continue to reduce risk and identify/analyze trends by employing new technology and methodology to conduct data analysis in the operational environment.					
The increase of +\$0.108 from FY 2017 to FY 2018 will enable development of new methodologies for conducting Interoperability assessments.					
<b>Title:</b> Operational Test and Evaluation			0.658	0.800	0.800
<b>Description:</b> Conduct operational testing of IT/NSS under realistic operational conditions to determine the operational effectiveness, suitability, interoperability, and security of a particular system. Independently assesses the operational impact of system issues on mission accomplishment.					
<b>FY 2016 Accomplishments:</b> Improved OT&E processes, procedures, and tools to evolve operational testing capabilities through the use of virtualization to emulate users and devices to better evaluate performance. Provided OT&E for JIE to ensure capabilities are effective, suitable, interoperable, and secure. Provided continuing OT&E support to COCOMs, Military Services, and Defense Agencies, as requested.					

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> FY 2018 Defense Information Systems Agency			<b>Date:</b> May 2017		
<b>Appropriation/Budget Activity</b> 0400 / 7		<b>R-1 Program Element (Number/Name)</b> PE 0208045K / <i>C4I Interoperability</i>		<b>Project (Number/Name)</b> T30 / <i>MRTFB Test and Evaluation</i>	
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>			<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>
<p>The decrease of -\$0.125 from FY 2015 to FY 2016 is due to realignment between T30 MRTFB Test &amp; Evaluation and T40 Major Range Test Facility Base Operations to improve the expansion of automation and virtualization capabilities of DISA IT testing and evaluation services.</p> <p><b>FY 2017 Plans:</b> Will continue to enhance OT&amp;E processes, procedures, and tools through the use of automation and virtualization to improve operational testing capabilities for evolving requirements to better evaluate performance. Will provide OT&amp;E support to COCOMs, Military Services, and Defense Agencies as requested.</p> <p>The decrease of -\$0.056 from FY 2016 to FY 2017 is due to transition of OT&amp;E support for JIE contract reductions for delivery of testing tools.</p> <p><b>FY 2018 Plans:</b> Will continue to enhance OT&amp;E processes, procedures, and tools by increasing automation and utilizing virtualization as needed, to better evaluate performance and to improve operational testing capabilities for evolving requirements. Will continue to provide OT&amp;E support to COCOMs, Military Services, and Defense Agencies as requested.</p>					
<p><b>Title:</b> Support to Warfighter</p> <p><b>Description:</b> Provides pre/post-production evaluations including: collecting relevant data during a continuous monitoring effort, and providing on-the-spot evaluations of problem areas and viable mission-oriented solutions to warfighting COCOMs during exercises and contingency operations.</p> <p><b>FY 2016 Accomplishments:</b> Focused support primarily on the Asia Pacific region, consistent with the National Defense Strategy. Sustained a Warfighter Support capability to respond to critical fielded system issues only.</p> <p>The decrease of -\$0.142 from FY 2015 to FY 2016 is due to reduction or elimination of support consistent with the National Defense Strategy.</p> <p><b>FY 2017 Plans:</b> Focused support primarily on the Asia Pacific region will continue, consistent with the National Defense Strategy. Will sustain a Warfighter Support capability sufficient to respond to critical fielded system issues only.</p> <p><b>FY 2018 Plans:</b></p>			0.120	0.120	0.120

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> FY 2018 Defense Information Systems Agency		<b>Date:</b> May 2017	
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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2016</b>	<b>FY 2017</b>
Support will continue to be focused primarily on the Asia Pacific region, consistent with the National Defense Strategy. Will sustain a Warfighter Support capability sufficient to respond to critical fielded system issues only.			
<b>Accomplishments/Planned Programs Subtotals</b>		6.074	7.624
<b>C. Other Program Funding Summary (\$ in Millions)</b>			
N/A			
<b>Remarks</b>			
<b>D. Acquisition Strategy</b>			
T&E Mission Support Services (MSS) cost plus and firm fixed price contract provides T&E support by performing a wide range of non-personal services to encompass testing, scientific, engineering, logistic, administrative, and ancillary support of the DISA T&E missions. The T&E MSS contract provides for expansion and contraction of staff years as workload dictates.			
<b>E. Performance Metrics</b>			
JITC manages the Department's Joint Interoperability Test, Evaluation, and Certification process and Operational testing for Information Technology (IT)/National Security Systems (NSS) as well as test and evaluation activities for DISA's deliverables ensuring they have met operational requirements. JITC develops test and evaluation strategies, plan, and reports in the design, development, operational, integration and/or sustainment aspects of every program requiring support. Specific metrics are described below:			
1. Metric: Provide operational test plans prior to the start date of a test for all customers where JITC is the OTA. Measure/Goal: 90% FY16 Target: 95% Actual: 88% FY17 Target: 95% FY18 Target: 95%			
2. Metric: Provide operational test reports no later than 60 days after the completion of a test event when JITC is the responsible OTA. Measure/Goal: 90% FY16 Target: 95% Actual: 66% FY17 Target: 95% FY18 Target: 95%			
3. Provide a interoperability certification letter to customers (JS, COCOMS,AT&L, etc) no later than 60 days from the completion of the test event/effort. Measure/Goal: 95% FY16 Target: 95% Actual: 96%			

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Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0208045K / C4I Interoperability	Project (Number/Name) T30 / MRTFB Test and Evaluation
FY17 Target: 95% FY18 Target: 95%		
4. JITC surveys customers for each product that is delivered (POA&Ms, test Plans, Test Reports, etc.) in terms of cost, schedule, and overall performance on a 1-5 scale with 5 being the highest rating. Measure/Goal: 4.5 FY16 Target: 4.5 Actual: 4.4 FY17 Target: 4.5 FY18 Target: 4.5		

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Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 0208045K / C4I Interoperability				Project (Number/Name) T40 / Major Range Test Facility Base Operations			
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
T40: Major Range Test Facility Base Operations	476.946	57.267	49.877	51.758	-	51.758	52.765	53.374	54.495	55.782	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

As the only non-Service activity of the Department of Defense (DoD) Major Range and Test Facility Base (MRTFB), Defense Information Systems Agency (DISA) provides the only dedicated Information Technology (IT) environment investing in a single end-to-end infrastructure for testing the Enterprise Edge to the Tactical Edge. As an MRTFB, Joint Interoperability Test Command (JITC) provides tested IT infrastructure products to the DoD, Federal/non-Federal Government, Commercial vendors, and Allied partners.

The DISA MRTFB infrastructure:

- Encompasses two geographic locations (Ft. Huachuca, AZ; Indian Head, MD; Ft. Meade, MD).
- 116K square feet of raised floor space comprised of multiple test environments and test networks supporting over a 100 programs on an annual basis.
- Complies with multiple levels of security and is scaled to support approximately 1,000 annual testing events to evaluate the DoD's converged information environment, Cyber, Cloud services, Mobility, and National Security Systems (NSS).
- Encompasses a significant portfolio of reference implementations, test tools, and supporting IT systems to aid both test execution and data collection/analysis.

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

	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>
<b>Title:</b> MRTFB Improvements and Operations	57.267	49.877	51.758
<b>Description:</b> Information Technology and National Security Systems (IT/NSS), Command and Control (C2), Defense reform initiatives, and the Department of Defense's (DoD's) migration towards more agile development and acquisition of IT capabilities by providing Test and Evaluation (T&E) support, including infrastructure, testing capabilities and events, policies and processes to Regional Combatant Commands (COCOMS), Military Services, DoD Agencies, other Federal Government agencies, private industry, Coalition partners and allies.			
<b>FY 2016 Accomplishments:</b> As an MRTFB, JITC operates the DISA IT test infrastructure. Standardization of testbed infrastructure is ongoing and leveraging of cloud technologies provides seamless distributed testing services and efficient use of testing equipment and resources across			



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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2016</b>	<b>FY 2017</b>
<p>the Agency and the Department. Expanded use of automation, virtualization, and access to big data will enable the reduction of the MRTFB IT footprint. Maintain technical workforce skills, support base operations, communications, automation, operating expenses at each location.</p> <p>The increase of +\$4.230 from FY 2015 to FY 2016 will continue efforts to improve the expansion of automation and virtualization capabilities of DISA IT testing and evaluation services.</p> <p><b>FY 2017 Plans:</b> As an MRTFB, JITC operates the DISA IT Test infrastructure which consists of a standarized test bed at Fort George G. Meade, MD and Fort Huachuca, AZ. JITC will continue to expand the use of cloud technologies provide seamless distributed testing services and efficient use of testing equipment and resources for use across the Agency and the Department. JITC will maintain technical workforce, support base operations, communications, and operating expenses at each location.</p> <p>The decrease of -\$5.392 from FY 2016 to FY 2017 is due to implementation of new cyber and enterprise test methods and automated tools and use of virtualization and cloud technologies, enabling JITC to reduce the IT foot print and gain operational efficiencies.</p> <p><b>FY 2018 Plans:</b> As an MRTFB, JITC will continue to operate the DISA IT Test infrastructure standarized test bed at Fort George G. Meade, MD and Fort Huachuca, AZ. JITC will continue to support the Agency and the Department by expanding the use of cloud technologies to provide seamless distributed testing services and efficient use of testing equipment and resources. JITC will continue to maintain technical workforce, support base operations, communications, and operating expenses at each location.</p> <p>The increase of +\$1.881 from FY 2017 to FY 2018 will adapt additional cloud technologies through rapid re-configurations resulting in the development of a single DoDIN Lab Test-bed. his increase is partially offset by a decrease of -\$0.822 attributed to the Service Requirements Review Board (SSRB) contract reduction.</p>			
<b>Accomplishments/Planned Programs Subtotals</b>		57.267	49.877
<b>C. Other Program Funding Summary (\$ in Millions)</b> N/A			
<b>Remarks</b>			

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<p><b><u>D. Acquisition Strategy</u></b></p> <p>A T&amp;E Mission Support Services (MSS) cost plus and firm fixed price contract provides T&amp;E support by performing a wide range of non-personal services to encompass testing, scientific, engineering, logistic, administrative, and ancillary support of the DISA T&amp;E missions. The T&amp;E MSS contract provides maximum flexibility and allow for expansion and contraction of staff years as workload dictates. An additional contract is a Federal Preferential Sole Source Procurement set-aside which provides consolidated facilities support.</p> <p><b><u>E. Performance Metrics</u></b></p> <p>Major Range Test Facility Base (MRTFB) Operations sustain the infrastructure, capabilities and services of DISA's MRTFB. While maintaining a focus on improving automation, instrumentation and virtualization, this MRTFB is working toward ensuring assets support customers with testing on demand services to enable rapid delivery of enhanced military capabilities. Specific metrics are described below:</p> <p>5. Provide configuration changes to the MRTFB infrastructure NLT 5 days after formal customer service request received. Measure/Goal: 90% FY16 Target: 95% Actual: Data Capture not available for newly established tracking capability FY17 Target: 95% FY18 Target: 95%</p> <p>6. Complete new configuration additions (equipment installs) NLT 14 days after receipt of customer requirements form. Measure/Goal: 90% FY16 Target: 90% Actual: Data Capture not available for newly established tracking capability FY17 Target: 95% FY18 Target: 95%</p> <p>7. Availability of enterprise service test capabilities T&amp;E enclave. Measure/Goal: 95% FY16 Target: 90% Actual: 100% FY17 Target: 95% FY18 Target: 95%</p> <p>8. Availability of the Tactical Data Link Standard Conformance test tool to various DoD platforms (e.g., weapons systems). Measure/Goal: 95% FY16 Target: 95% Estimated Actual: Data Capture not available for newly established tracking capability FY17 Target: 95% FY18 Target: 95%</p>		

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis: FY 2018 Defense Information Systems Agency</b>												<b>Date: May 2017</b>			
<b>Appropriation/Budget Activity</b> 0400 / 7						<b>R-1 Program Element (Number/Name)</b> PE 0208045K / C4I Interoperability						<b>Project (Number/Name)</b> T40 / Major Range Test Facility Base Operations			
<b>Test and Evaluation (\$ 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>
Test and Evaluation 1	C/T&M	Northrop Grumman Mission System : Ft. Huachuca, AZ	75.279	-		-		-		-		-	0.000	75.279	75.279
Test and Evaluation 2	C/T&M	Interop Joint Venture : Ft. Huachuca, AZ	99.188	-		-		-		-		-	0.000	99.188	99.188
Test and Evaluation 3	C/T&M	Northrop Grumman Information Technology : Ft. Huachuca, AZ	49.746	-		-		-		-		-	0.000	49.746	49.746
Test and Evaluation 4	C/Various	VARIOUS - pending development of query : VARIOUS	54.481	-		-		-		-		-	Continuing	Continuing	Continuing
Test and Evaluation 5	Option/CPFF	ALION SCIENCE & TECHNOLOGY CORP : Various	-	0.218	Oct 2015	0.192	Oct 2016	0.207	Oct 2017	-		0.207	Continuing	Continuing	Continuing
Test and Evaluation 6	Option/CPFF	AMERICAN SYSTEMS COPR : Various	-	0.551	Oct 2015	0.485	Oct 2016	0.523	Oct 2017	-		0.523	Continuing	Continuing	Continuing
Test and Evaluation 7	Option/CPFF	MANTECH TELECOMMUNICATIONS AND INFORMATION : Various	-	3.502	Oct 2015	3.081	Oct 2016	3.320	Oct 2017	-		3.320	Continuing	Continuing	Continuing
Test and Evaluation 8	Option/CPFF	OBERON ASSOCIATES : Various	-	5.297	Oct 2015	4.660	Oct 2016	5.023	Oct 2017	-		5.023	Continuing	Continuing	Continuing
Test and Evaluation 9	Option/CPFF	TASC, INC. : Various	-	1.397	Oct 2015	1.229	Oct 2016	1.325	Oct 2017	-		1.325	Continuing	Continuing	Continuing
Test and Evaluation 10	Option/CPFF	BEACON GROUP SW, INC : Various	-	8.614	Oct 2015	7.579	Oct 2016	7.450	Oct 2017	-		7.450	Continuing	Continuing	Continuing
Test and Evaluation 11	Option/CPFF	Multiple : Various	-	8.696	Oct 2015	8.032	Oct 2016	8.658	Oct 2017	-		8.658	Continuing	Continuing	Continuing
<b>Subtotal</b>			278.694	28.275		25.258		26.506		-		26.506	-	-	-

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis: FY 2018 Defense Information Systems Agency</b>												<b>Date: May 2017</b>			
<b>Appropriation/Budget Activity</b> 0400 / 7						<b>R-1 Program Element (Number/Name)</b> PE 0208045K / C4I Interoperability						<b>Project (Number/Name)</b> T40 / Major Range Test Facility Base Operations			
<b>Management Services (\$ 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>
Management Services	Various	Defense Information Systems Agency : Ft. Huachuca, AZ	198.252	28.992	Oct 2015	24.619	Oct 2016	25.252	Oct 2017	-		25.252	Continuing	Continuing	Continuing
<b>Subtotal</b>			198.252	28.992		24.619		25.252		-		25.252	-	-	-
			<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>			476.946	57.267		49.877		51.758		-		51.758	-	-	-
<b>Remarks</b>															

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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> FY 2018 Defense Information Systems Agency															<b>Date:</b> May 2017				
<b>Appropriation/Budget Activity</b> 0400 / 7										<b>R-1 Program Element (Number/Name)</b> PE 0208045K / C4I Interoperability					<b>Project (Number/Name)</b> T40 / Major Range Test Facility Base Operations				

FY 2009				FY 2010				FY 2011				FY 2012				FY 2013				FY 2014				FY 2015			
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 and Implement Interoperability test systems to support warfighters																												
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FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				FY 2022			
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 and Implement Interoperability test systems to support warfighters																												
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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> FY 2018 Defense Information Systems Agency			<b>Date:</b> May 2017
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208045K / <i>C4I Interoperability</i>	<b>Project (Number/Name)</b> T40 / <i>Major Range Test Facility Base Operations</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Develop and Implement Interoperability test systems to support warfighters	1	2015	4	2022