Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Defense Information Systems Agency

R-1 Program Element (Number/Name)

Date: March 2014

0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7:

PE 0208045K I C4I Interoperability

Operational Systems Development

Appropriation/Budget Activity

COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	427.960	73.218	67.626	63.558	-	63.558	61.761	62.718	64.029	65.764	Continuing	Continuing
T30: MRTFB Test and Evaluation	123.787	8.711	11.751	7.494	-	7.494	7.628	8.511	8.861	10.610	Continuing	Continuing
T40: Major Range Test Facility Base Operations	304.173	64.507	55.875	56.064	-	56.064	54.133	54.207	55.168	55.154	Continuing	Continuing

[#] The FY 2015 OCO Request will be submitted at a later date.

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. Program Change Summary (\$ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	72.574	72.726	72.681	-	72.681
Current President's Budget	73.218	67.626	63.558	-	63.558
Total Adjustments	0.644	-5.100	-9.123	-	-9.123
 Congressional General Reductions 	-	-			
 Congressional Directed Reductions 	_	-5.100			
 Congressional Rescissions 	-	-			
Congressional Adds	-	-			
 Congressional Directed Transfers 	-	-			
Reprogrammings	-	-			
SBIR/STTR Transfer	-	-			
Other Adjustment	0.644	-	-9.123	-	-9.123

PE 0208045K: *C4I Interoperability* Defense Information Systems Agency

UNCLASSIFIED
Page 1 of 17

R-1 Line #187

Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Defense Information	n Systems Agency	Date: March 2014
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	
0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7:	PE 0208045K / C4/ Interoperability	
Operational Systems Development		

Change Summary Explanation

The FY 2013 increase of +\$0.644 is due to equipment purchases.

The FY 2014 decrease of -\$5.100 is a direct result of the Budget Control Act (BCA) and reduced the ability to provide test capacities and capabilities for critical Department of Defense (DoD) initiatives. Warfighter support will be reduced in all regions, including the Asia Pacific region, with sustainment of a very minimal Warfighter capability to respond to fielded system issues.

The FY 2015 decrease of -\$9.123 is due to reduced interoperability certification and support capacity, a delay in evolution of T&E methodology for JIE, elimination of DoD Interoperability Communications Exercise (DICE) support, and reduction of efforts to synchronize the strategic and business planning efforts of Defense Information Systems Agency (DISA) Test and Evaluation (T&E) to provide Testing as a Service (TaaS) across DoD. Warfighter support will be eliminated in some regions and will focus support primarily on the Asia Pacific region, consistent with the National Defense Strategy. Additionally, Joint Interoperability Test Command (JITC) will only be able to sustain a very minimal Warfighter capability to respond to critical fielded system issues. In addition, JITC's readiness posture, to include infrastructure and methodology, to support T&E for the Department will be diminished as will contractor support and travel and training costs. This dcrease is directly attributable to the BCA reductions.

Exhibit R-2A, RDT&E Project Ju	stification:	PB 2015 E	Defense Info	rmation Sy	stems Ager	псу				Date: Mare	ch 2014	
Appropriation/Budget Activity 0400 / 7					_	am Elemen ISK / C4/ In:	•	•		umber/Nar FB Test and	ne) d Evaluation	1
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
T30: MRTFB Test and Evaluation	123.787	8.711	11.751	7.494	-	7.494	7.628	8.511	8.861	10.610	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

[#] The FY 2015 OCO Request will be submitted at a later date.

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 three of the largest interoperability exercises (the Endeavors).
- Broadening its support to the Joint Staff and functional COCOMs with a multitude of interoperability assessment services.

Exhibit R-2A , RDT&E Project Justification : PB 2015 Defense Information Sy	stems Agency		Date: March 2014
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	Project (N	umber/Name)
0400 / 7	PE 0208045K I C4I Interoperability	T30 / MRT	FB Test and Evaluation

- 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.
- Establishing the framework for the conduct of annual independent evaluations and the status of interoperability through DoD Interoperability Communications Exercises (DICE).
- 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.
- Including first responder local and federal communications as part of the task force.

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.

JITC designs Operational Test and Evaluation (OT&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.

JITC focuses its efforts towards core T&E improvements, better T&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.

The T&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:

- 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.
- Expand test infrastructure and operations to allow for rapid, on-demand provisioning, and federation across the DoD and Cyber integration with enterprise environments.
- Design consistent, repeatable test methodologies that ensure efficient T&E on changing or emerging technologies.
- Provide T&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.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2013	FY 2014	FY 2015
Title: DoD's Joint Interoperability Certification Authority	6.377	8.991	6.449
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 developmental testing or executing purposefully planned Interoperability Test Events.			
FY 2013 Accomplishments:			

	UNCLASSIFIED		1		
Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Info				arch 2014	
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0208045K / C4/ Interoperability		ct (Number/N MRTFB Test a		on
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2013	FY 2014	FY 2015
Advanced the current interoperability certification process by bringing threads from real life contingencies) to joint testing services. Conducenterprise level, employing more complex tools and virtualization capand real life scenarios and continued to evolve test policies and processor agile development and acquisition of IT capabilities.	cted more DoD IT systems and capability assessments pabilities. Strengthened distributed testing using comple	at the x tools			
FY 2014 Plans: Assure interoperability controls are met by conducting Test and Eval Provide interoperability test support for the DoD's migration to the DoContinue to evolve test policies and processes to proactively support acquisition of IT capabilities. Support DoD mobility communications devices, infrastructure, and enterprise-level classified and secure un execute additional test events in line with the Joint Information Environment.	efense Enterprise Services and cloud services environned the DoD's migration towards more agile development a efforts by performing early assessments to evaluate more classified services. Refine the testing methodology and comment (JIE) capability increments and phases.	nents. and obility			
The increase of +\$2.614 from FY 2013 to FY 2014 is for interoperab Enterprise Services and cloud services environments.	ility certification support for DoD's migration to the Defe	nse			
FY 2015 Plans: Will assure interoperability controls are met by conducting T&E on IT test support for the DoD's migration to a converged enterprise environment evaluation and certification support.					
Will support the secure operationalized interoperability of the JIE by T&E on enterprise services, cyber security capabilities, cloud compu Will provide interoperability test, evaluation and certification support and continue to refine policies and test and evaluation methodologie developed and deployed.	ting and brokering, and mobile devices and applications for JIE capabilities from the infrastructure to application	S. S			
The decrease of -\$2.542 from FY 2014 to FY 2015 will require Joint Joint Tactical Data Link events; reduce other interoperability certifica training costs; and eliminate DoD Interoperability Communications E	tion and support capacity; limit contractor support, trave				
Title: Operational Test and Evaluation			0.725	1.080	0.783
Description: Conduct operational testing of IT/NSS under realistic of effectiveness, suitability, interoperability, and security of a particular system issues on mission accomplishment.		of			

FY 2013 Accomplishments: Conducted Operational Test & Evaluation (OT&E) of DoD Information Network (DODIN) (formerly known as Global Information Grid (GIG)) enabling capabilities and Defense Information Systems Agency (DISA) IT/NSS acquisition programs to determine systems operational effectiveness, suitability, interoperability, and security. Provided OT&E support to Combatant Commands (COCOMs), Military Services, and Defense Agencies. Efforts focused on improving core capabilities, OT&E policy, operational evaluation, centralized data management, and agile test methodologies. FY 2014 Plans: Continue to develop and pilot test methodologies to address OT&E of DODIN/JIE enabling capabilities (Enterprise Services) and DISA IT/NSS acquisition programs to determine systems' operational effectiveness, suitability, interoperability, and security. Emphasis is placed on correlating this information to IT Infrastructure Library best practices and International Organization for Standardization 20000 standards. Provide continuing OT&E support to COCOMs, Military Services, and Defense Agencies with focus on improving core capabilities, OT&E policy, operational evaluation, centralized data management, and agile test methodologies. The increase of +\$0.355 from FY 2013 to FY 2014 is for development and improvement of OT&E methodologies and core capabilities. FY 2015 Plans: Will provide OT&E for the JIE to ensure IT capabilities are effective, suitable, and secure. Provide continuing OT&E support to COCOMs, Military Services, and Defense Agencies, as requested. The decrease of -\$0.297 from FY 2014 to FY 2015 is due to reductions in operational T&E capacity and a delay in the evolution of OT&E policy and new methodologies for the conduct of OT&E, reduced contractor support and travel and travel and training costs. Title: Support to Warfighter Description: Provides pre/post-production evaluations including: collecting relevant data during a continuous monitoring effort, and providing on-the-spot evaluations of problem a							
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014	FY 2015			
Conducted Operational Test & Evaluation (OT&E) of DoD Information Grid (GIG)) enabling capabilities and Defense Information Systems systems' operational effectiveness, suitability, interoperability, and so (COCOMs), Military Services, and Defense Agencies. Efforts focused	Agency (DISA) IT/NSS acquisition programs to determine ecurity. Provided OT&E support to Combatant Commared on improving core capabilities, OT&E policy, operation	nds					
Continue to develop and pilot test methodologies to address OT&E of and DISA IT/NSS acquisition programs to determine systems' opera Emphasis is placed on correlating this information to IT Infrastructure Standardization 20000 standards. Provide continuing OT&E support with focus on improving core capabilities, OT&E policy, operational experiences.	ational effectiveness, suitability, interoperability, and sect e Library best practices and International Organization for t to COCOMs, Military Services, and Defense Agencies	urity. or					
·	nt and improvement of OT&E methodologies and core						
Will provide OT&E for the JIE to ensure IT capabilities are effective,	suitable, and secure. Provide continuing OT&E support	to					
		tion of					
Title: Support to Warfighter		1.609	1.680	0.262			
and providing on-the-spot evaluations of problem areas and viable n							
Maintained the FY 2012 rate (100%) at which hotline requests are stand other federal agencies. Provided on-demand rapid response con	ntingency support to Regional COCOMs, and enhanced tercises across Europe, Africa, and the Pacific, and final						

Exhibit R-2A, RDT&E Project Justification: Pb 2015 Defense inic	ormation Systems Agency		Date.	/laiCi1 20 14				
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	Projec	t (Number/l	mber/Name)				
0400 / 7	PE 0208045K I C4I Interoperability	T30 / N	//RTFB Test	and Evaluation	on			
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2013	FY 2014	FY 2015			
support to Joint Staff Command, Control, Communications and Conconsultation and interoperability assessment services providing sup	, ,	jh						
FY 2014 Plans: Continue to support the warfighter in all regions, prioritizing efforts in								
Strategy This shift in focus includes an effort to reestablish a liaison	n at the PACOM headquarters to help identify and coord	linate						

The increase of +\$0.071 from FY 2013 to FY 2014 is because of travel and training reductions implemented in FY 2013 from the Budget Control Act (BCA) reductions.

the resolution of theater United States (US)/Coalition interoperability issues. Continue to provide on-demand rapid response contingency support to Regional COCOMs and streamline assessment support for the three largest COCOM interoperability exercises across Europe, Africa, and the Pacific. Address Hotline requests rapidly and aggressively. Continue efforts to refine its consultation and interoperability assessment services to the Joint Staff and functional COCOMs while seeking innovative means

to deliver cost-effective, operationally-focused support across the full-spectrum of interoperability challenges.

Exhibit P 2A PDT8 E Project Justification: PR 2015 Defense Information Systems Agency

FY 2015 Plans:

Warfighter support will be eliminated in some regions and will focus support primarily on the Asia Pacific region, consistent with the National Defense Strategy and will only sustain a Warfighter capability to respond to critical fielded system issues.

The decrease of -\$1.418 from FY 2014 to FY 2015 is due to is due to Budget Control Act reductions and will rquire a reduction to Warfighter support (including civilian and contractor Hotline and COCOM support) and travel and training costs.

Accomplishments/Planned Programs Subtotals 8.711 11.751 7.494

Dato: March 2014

C. Other Program Funding Summary (\$ in Millions)

N/A

<u>Remarks</u>

D. Acquisition Strategy

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.

E. Performance Metrics

JITC performance for interoperability and operational test events is measured by customer satisfaction specific to capacity and quality as described below:

Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Information Sy	ystems Agency	Date: March 2014
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0208045K / C4l Interoperability	Project (Number/Name) T30 / MRTFB Test and Evaluation
In FY 2013, JITC issued over 952 interoperability testing and certification relation reviews and conducted 60 new Unified Capabilities evaluations, adding 30 responded to approximately 177 hotline calls from across the DoD, other feder responded to within the requisite timelines which is two hours for responding to business day for routine troubleshooting requests. Support levels are expected	new products to the Unified Capabilities Approral Agencies and DoD supporting commercial so critical, exercise operational, or contingency	oved Products List. Additionally, JITC sectors. One hundred percent were
Customer Survey Satisfaction score was 4.5 on a scale of 5 and 96% of customereceived.	mers who responded to the survey were satisf	ed or very satisfied with the services

Exhibit R-3, RDT&E	Project C	ost Analysis: PB 2	2015 Defe	nse Info	rmation S	ystems A	gency					Date:	March 20)14	
Appropriation/Budg 0400 / 7	et Activity	у					ogram Ele 18045K / C	•		ame)		(Number	r/ Name) st and Eva	aluation	
Test and Evaluation	(\$ in Milli	ions)		FY	2013	FY:	2014	FY 2	2015 ise		2015 CO	FY 2015 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	Total Cost	Target Value of Contract
Test and Evaluation	C/T&M	Northrop Grumman Mission System : Ft. Huachuca, AZ	36.025	0.462	Oct 2012	-		-		-		-	-	36.487	36.487
Test and Evaluation	C/T&M	Interop Joint Venture : Ft. Huachuca, AZ	43.891	0.451	Oct 2012	-		-		-		-	-	44.342	44.342
Test and Evaluation	C/T&M	Northrop Grumman Information Technology : Ft. Huachuca, AZ	25.668	0.163	Oct 2012	-		-		-		-	-	25.831	25.831
Test and Evaluation	C/Various	Various : Various	0.000	3.229	Oct 2012	7.834	Oct 2013	3.966	Oct 2014	-		3.966	Continuing	Continuing	Continuin
		Subtotal	105.584	4.305		7.834		3.966		-		3.966	-	-	-
Management Service	es (\$ in M	lillions)		FY 2	2013	FY:	2014	FY 2	2015 ise		2015 CO	FY 2015 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
Management Services	Various	Defense Information Systems Agency : Ft. Huachuca, AZ	18.203	4.406	Oct 2012	3.917	Oct 2013	3.528	Oct 2014	-		3.528	Continuing	Continuing	Continuing
	·	Subtotal	18.203	4.406		3.917		3.528		-		3.528	-	-	-
			Prior					FY 2	2015	FY:	2015	FY 2015	Cost To	Total	Target Value of

Remarks

PE 0208045K: *C4I Interoperability*Defense Information Systems Agency

FY 2014

11.751

Years

123.787

Project Cost Totals

FY 2013

8.711

осо

Base

7.494

Total

7.494

Complete

Cost

Contract

khibit R-4, RDT&E Schedule Profile: PB 2015 D	CICIISC	<i>-</i>	110111	iatic	JII (JyJi	CITIC	_											1			Date: March 2014							
opropriation/Budget Activity													lumber/Name) FFB Test and Evaluation																
0017								PE	020	8045	K/	ا 41 ا	nter	opei	rabil	iity			130	I IVI	KIF	B 10	est a	na E	vait	uatic	on	—	
	FY 2013					FY	201	4		FY 2	2015	,		FY 2	2010	6		FY 2	2017		F	Y 2	2018		FY 2019				
	1 2	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	
Provide Operational Test & Evaluation (OT&E) of DISA acquired systems																											'		
Conduct joint interoperability test and certification on DoD C4I systems using the Joint Family of Tactical Data Links (TDL)																													
Plan and conduct the Defense Interoperability Communications Exercise (DICE)																													
Navy Message Legacy Systems											,																		
Navy Tactical Message Systems																													
Operate 24/7 Interoperability Hotline & Publish quarterly Lessons Learned reports																													
Provide Joint/Combined Interoperability Test support to Combatant Commanders																													

Exhibit R-4A, RDT&E Schedule Details: PB 2015 Defense Information Systems Agency Date: March 2014									
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	Project (Number/Name)							
0400 / 7	PE 0208045K / C4I Interoperability	T30 I MRTFB Test and Evaluation							

Schedule Details

	Sta	art	En	ıd
Events	Quarter	Year	Quarter	Year
Provide Operational Test & Evaluation (OT&E) of DISA acquired systems	1	2013	4	2019
Conduct joint interoperability test and certification on DoD C4I systems using the Joint Family of Tactical Data Links (TDL)	1	2013	4	2019
Plan and conduct the Defense Interoperability Communications Exercise (DICE)	1	2013	4	2019
Navy Message Legacy Systems	1	2013	4	2013
Navy Tactical Message Systems	1	2013	4	2013
Operate 24/7 Interoperability Hotline & Publish quarterly Lessons Learned reports	1	2013	4	2019
Provide Joint/Combined Interoperability Test support to Combatant Commanders	1	2013	4	2019

Exhibit R-2A, RDT&E Project Ju	stification:	PB 2015 C	efense Info	rmation Sy	stems Ager	псу				Date: March 2014					
Appropriation/Budget Activity 0400 / 7			R-1 Program Element (Number/Name) PE 0208045K / C4l Interoperability PE 0208045K / C4l Interoperability Operations Project (Number/Name) T40 / Major Range 7							r Range Te	,				
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost			
T40: Major Range Test Facility Base Operations	304.173	64.507	55.875	56.064	-	56.064	54.133	54.207	55.168	55.154	Continuing	Continuing			
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-					

^{*} The FY 2015 OCO Request will be submitted at a later date.

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 three geographic locations (Ft. Huachuca, AZ; Indian Head, MD; Ft. Meade, MD).
- Comprises 140K square feet of raised floor space and four acres of outdoor IT range space that is divided into 47 unique environments reachable through eight different communication networks.
- 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 more than 200 IT systems, reference implementations, and testing tools to aid both test execution and data collection/analysis.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2013	FY 2014	FY 2015	
Title: MRTFB Improvements and Operations	64.507	55.875	56.064	
Description: 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.				
FY 2013 Accomplishments: Emulated IT/NSS operational infrastructures in test facilities, ensured interoperability issues around the globe could be reconstructed and addressed remotely and enhanced its laboratory and testing hardware and software to keep pace with the rapid changes in technology; maintained and operated base operations, communications, automation support, operating				

	UNCLASSIFIED			
Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense	Information Systems Agency	Date: N	March 2014	
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0208045K / C4I Interoperability	Project (Number/ T40 / Major Range Operations	,	Base
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014	FY 2015
expenses, T&E standards, policies and procedures; funded the a Fort Huachuca, AZ and Fort George G. Meade, MD. Continued t laboratory upgrades; developed, implemented, and maintained t testing tools necessary to provide DoD with a Center of Excellent environment.	to maintain virtual communications capabilities and enhance the Major Range Test Facility Base's (MRTFB's) enterprise	d		
FY 2014 Plans: Develop the strategies and implementation plans to evolve testir Service (TaaS), which will ensure repeatable, automated, selects Support DoD strategic initiatives by: providing the test capabilities systems, as well as hardware and software maintenance to enably Joint Information Environment (JIE), Enterprise core services, Do Support System, Joint Tactical Data Links, C2, global/terrestrial/provision a Joint T&E Environment that meets the requirements cycle needs.	able, consistent, and affordable services to all MRTFB custoes and facilities infrastructure, process tracking and reporting ble direct test support to DoD's major IT/NSS acquisitions (e efense Enterprise Email, DoD Mobility Program, Global Com's atellite/tactical communications systems). Continue efforts	.g., ıbat to		
The decrease of -\$8.632 from FY 2013 to FY 2014 is due to dela efforts to synchronize the strategic and business planning efforts				
FY 2015 Plans: As an MRTFB, Joint Interoperability Test Command (JITC) will of that are used when evaluating the Department's IT/NSS. Will contain the total maintain technical workforce skills, support base open Indian Head, MD; Fort Huachuca, AZ; and Fort George G. Mead	ontinue sustainment of the infrastructure, laboratory and testi evironment, Cyber, Cloud services, Mobility, and NSS. Will erations, communications, automation, operating expenses a			
The increase of +\$0.189 from FY 2014 to FY 2015 is due to FY1 infrastructure updates and replacements.	14 reductions from the Budget Control Act, resulting in reduc-	ed		
	Accomplishments/Planned Programs Sub	totals 64.507	55.875	56.064

C. Other Program Funding Summary (\$ in Millions)

N/A

Remarks

Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Information Sy	stems Agency	Date: March 2014	
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0208045K / C4l Interoperability	, ,	lumber/Name) or Range Test Facility Base
		-	

D. Acquisition Strategy

A 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 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.

E. Performance Metrics

Metrics include: Percentage of time T&E networks service capabilities are available to support core mission areas, with a target availability rate of 98% which was met in FY13 and is expected to continue in FY14 and FY15. Beginning in FY15, JITC will monitor the percentage of all T&E services provided through one or more of their DISA TaaS catalog offerings. JITC will also establish the ability to scale based on customer demand signal, on an annual basis at first, and gain more efficiencies over time scaling twice annually, and ultimately quarterly. Target customer fulfillment rate is 100%. Future metrics will begin to capture elements of the aging MRTFB infrastructure and its ability to support the Department.

Exhibit R-3, RDT&E	Project C	ost Analysis: PB 2	.015 Defe	nse Infor	mation S	ystems A	gency					Date:	March 20	014													
Appropriation/Budg 0400 / 7	et Activity	1					ogram Ele 8045K / C		umber/Na perability		lajor Rang	(Number/Name) ajor Range Test Facility Base ons															
Test and Evaluation	(\$ in Milli	ons)		FY 2	FY 2013		FY 2 FY 2014 Bas			FY 2		FY 2015 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	Total Cost	Target Value of Contract												
Test and Evaluation 1	C/T&M	Northrop Grumman Mission System : Ft. Huachuca, AZ	72.615	2.664	Oct 2012	-		-		-		-	-	75.279	75.279												
Test and Evaluation 2	C/T&M	Interop Joint Venture : Ft. Huachuca, AZ	96.586	2.602	Oct 2012	-		-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	99.188	99.188
Test and Evaluation 3	C/T&M	Northrop Grumman Information Technology : Ft. Huachuca, AZ	48.817	0.929	Oct 2012	-		-		-		-	-	49.746	49.746												
Test and Evaluation 4	C/Various	VARIOUS - pending development of query : VARIOUS	0.000	18.240	Oct 2012	18.349	Oct 2013	18.538	Oct 2014	-		18.538	Continuing	Continuing	Continuin												
		Subtotal	218.018	24.435		18.349		18.538		-		18.538	-	-	-												
Management Servic	es (\$ in M	illions)		FY 2	2013	FY 2014			2015 ise	FY 2015 OCO		FY 2015 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												
Management Services	Various	Defense Information Systems Agency : Ft. Huachuca, AZ	86.155	40.072	Oct 2012	37.526	Oct 2013	37.526	Oct 2014	-		37.526	Continuing	Continuing	Continuin												
	·	Subtotal	86.155	40.072		37.526		37.526		-		37.526	-	-	-												
			Prior Years	FY 2	2013	FY 2	2014		2015 Ise		2015 CO	FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract												
		Project Cost Totals	304.173	64.507		55.875		56.064		-		56.064	-	-	-												

Remarks

ppropriation/Budget Activity 400 / 7								PE 0208045K I C4I Interoperability T40 I									I Ma	ct (Number/Name) Major Range Test Facility Bas ations						Base			
		FY 2013 FY 20					201	2014 FY 2015 FY 2016									FY 2	2017			FY 2018			FY 201		019	
	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
Develop and Implement Interoperability test systems to support warfighters																					'	'	,				

Exhibit R-4A, RDT&E Schedule Details: PB 2015 Defense Information System		Date: March 2014	
Appropriation/Budget Activity 0400 / 7	,	, ,	umber/Name) r Range Test Facility Base

Schedule Details

	Sta	art	Eı	nd
Events	Quarter	Year	Quarter	Year
Develop and Implement Interoperability test systems to support warfighters	1	2013	4	2019