Exhibit R-2, RDT&E Budget Item Justification: PB 2012 Defense Information Systems Agency									DATE: February 2011	

APPROPRIATION/BUDGET ACTIVITY
0400: *Research, Development, Test & Evaluation, Defense-Wide*
BA 5: *Development & Demonstration (SDD)*

R-1 ITEM NOMENCLATURE
PE 0604764K: *Advanced IT Services Joint Program Office (AITS-JPO)*

COST ($ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
Total Program Element	13.465	49.364	49.198	-	49.198	51.484	52.140	36.318	28.805	Continuing	Continuing
T26: *Leading Edge Pilot Information Technology*	13.465	49.364	49.198	-	49.198	51.484	52.140	36.318	28.805	Continuing	Continuing
Quantity of RDT&E Articles											

A. Mission Description and Budget Item Justification

The Advanced IT Services Joint Program Office (AITS-JPO) identifies and integrates new, mature commercial Information Technology (IT) and advanced operational concepts into net-centric battlespace capabilities to: access and exchange critical information; exploit opportunities to enhance current force capabilities; and project future force IT requirements. It provides the President of the United States (POTUS), Secretary of Defense (SECDEF), Chairman of the Joint Chiefs of Staff (CJCS), Combatant Commands (COCOMs), and Inter-agency participants with critical focus on the long-term warfighting operations by bringing together technology, security cooperation, and education. The program components support preparation for future joint and coalition initiatives through development and integration of a full range of data services and advanced IT applications to support practical aspects of approved cooperative activities of the United States and its coalition partners. These emergent capabilities are technologies that can be rapidly infused into existing tools.

Program investments in advanced technology benefits strategic and tactical users in the intelligence, warfighting and business domains by providing them with rich, reliable, persistent collaboration, and networking technologies computing-on-demand to reduce the need to replicate data or services at the point of consumption. Investments also provide support for virtual end-user environments and semantic search capabilities -- all of which enhance the decision-making process. The goal of the AITS-JPO is to provide the warfighter with technical superiority and to achieve interoperability and integration, while working in concert with joint, allied and coalition forces to effectively counter terrorism and enhance homeland security defense via the confluence of technology, security cooperation, and education.

The program uses four key mechanisms to streamline the process of fielding emergent requirements: (1) Joint Capability Technology Demonstrations (JCTD) with OSD/COCOM/Service/Agency teaming; (2) Joint Ventures with Combatant Commanders/Program of Record (POR) teaming; (3) Risk Mitigation Pilots with POR/Community of Interest (COI) teaming; and, (4) Technology Innovation. The JCTD process aligns with the new Joint Capability Integration and Development System developed by the Joint Chiefs of Staff by adapting technology and concept solutions to meet pressing warfighter needs. OSD approves new JCTDs annually and on a rolling start basis. DISA participates in both an operational and transition manager role. The JCTDs, along with the Joint ventures and risk mitigation pilots, feature teaming with appropriate offices so that funds and skill sets are leveraged across all participants. The costs are shared, thus reducing the risk to individual organizations. The Technology Innovation program concentrates on concept innovation and rapid insertion of advanced data, technology, and knowledge services in the DoD Global Information Grid (GIG).

The Program is further divided into major subprogram areas: Command and Control (C2) and Combat Support (CS), Information Sharing (IS), Network Infrastructure (NI), Network Operations (NetOps), Technology Innovation, and Program Management Support.

Exhibit R-2, **RDT&E Budget Item Justification:** PB 2012 Defense Information Systems Agency	**DATE:** February 2011
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B. Program Change Summary ($ in Millions)	**FY 2010**	**FY 2011**	**FY 2012 Base**	**FY 2012 OCO**	**FY 2012 Total**
Previous President's Budget	14.831	49.364	52.605	-	52.605
Current President's Budget	13.465	49.364	49.198	-	49.198
Total Adjustments	-1.366	-	-3.407	-	-3.407
• Congressional General Reductions		-			
• Congressional Directed Reductions		-			
• Congressional Rescissions	-	-			
• Congressional Adds		-			
• Congressional Directed Transfers		-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustment	-1.366	-	-3.407	-	-3.407

Change Summary Explanation

The decrease of -$1.366 in FY 2010 is due to the shifting of priorities to meet new Departmental goals.

The decrease of -$3.407 in FY 2012 is due to technology initiatives being reduced.

C. Accomplishments/Planned Programs ($ in Millions)	**FY 2010**	**FY 2011**	**FY 2012**
Title: Command and Control (C2) and Combat Support (CS)	7.912	7.029	4.075
FY 2010 Accomplishments: In FY 2010, work continued on the Vice Chairman of the Joints Chiefs of Staff (VCJCS) National Senior Leaders Decision Support System (NSLDSS) initiative. The NSLDSS is a set of technology initiatives and tactics, techniques and processes for national senior leaders to quickly gain situational awareness of global events affecting national interests. NSLDSS includes Joint User Messaging (JUM), the next generation Machine-to-Machine (M2M) messaging functionality that provides improved messaging reliability, and more flexible, capable messaging functionality; and is scalable based on the performance needs of the user community. The JUM web service implementation also supports multiple message brokers to support the distributed, federated, GIG network. The project completed testing analyses, a final Operational Assessment Report was issued, and an Executive Decision Capability was delivered. JUM transitioned into its POR in FY 2010. Significant accomplishments include: migrated the VCJCS initiative NSLDSS to the robust, highly available Defense Enterprise Computing Center (DECC); using the agile development process, delivered 15 incremental releases providing new capability to rapidly expose and present information to Senior Leaders; started the Rapid Deployment of Enterprise Mission Services (RDEMS) enabling technology which JFCOM called a "brilliant concept". Rapidly enabled an enterprise level implementation of a data			

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C. Accomplishments/Planned Programs ($ in Millions)	FY 2010	FY 2011	FY 2012
transformation capability and an XML data initiative that provides information in the schema required for the NSLDSS community; pioneered an early implementation of an attribute-based access control capability that enabled the 'unanticipated user' unfettered access to information leveraging the Joint Enterprise Directory Service and the emerging Enterprise Attribute Service. Many of these activities supported the Vice Chairman's vision of information sharing and the ability to access information anytime, anywhere. *FY 2011 Plans:* In FY 2011, work continues on the VCJCS NSLDSS initiative. The focus of the FY 2011 capabilities include the ability to place global and national level events into context using a contextual reasoning framework and automating and refining outdated business processes in today's national operations and intelligence center. Further, decision aid tools are added as a means of providing improved decision making based on improved capabilities to understand an event, visualizing the various courses of action, and understanding the context and ramifications of the actions. These capabilities expand user credentialing to interface with the Enterprise Identity Attribute Service to securely harvest the personal information to improve unanticipated user access. Additional mediation services for Universal Core and DoD Metadata Standard schemas provide improved data interoperability. Preferred Force Generator and Rapid Development of Enterprise Mission Services JCTDs allow secure and reliable access and exposure of C2 and other COCOM-designated data sources and NCES-compliant web services. *FY 2012 Plans:* For FY 2012, there will be a continued intense focus on the CTO mission as concept innovator and rapid enabler of web services and information sources. Key activities will include dynamic, scenario-based situational awareness designed to support the mission of the senior military advisor to the POTUS and to accelerate the Web 2.0/Web 3.0 capabilities which will provide persistent collaboration and IT-enabling to the warfighter; improvements to Human-Computer interaction particularly in the area of secure, trustworthy and mobile wireless technologies, web applications, widgets and micro-applications; technologies to improve cyber availability and situational awareness through a semantic cyber state description of resources; and agility to expand the dynamic nature of the networks, technologies, and global security, providing feature-shared situational awareness to leverage a 24x7 persistent Communication Web. The Communication Web will enable the Joint Chiefs of Staff to provide the best military advice and to rapidly transform information to knowledge. DISA will provide command and control innovative technology capabilities for fully-informed strategic and tactical decision-making to the military leadership community and coalition forces in support of the initiatives that improve the warfighter's situation awareness and collaboration toolset. As a result of the FY 2010 reduction in PE64K, the full range of WEB 2.0 functionality planned for FY 2010 could not be delivered. Specifically, contextual decision enterprise mission services to accelerate decision making and improve decision quality was delayed: simple alerting and contextual reasoning was not delivered. Further, the persistent collaboration social networking capabilities to IT-enable the Warfighter was not provided. We were unable to stand up the full complement of Web 2.0 capabilities			

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C. Accomplishments/Planned Programs ($ in Millions)	FY 2010	FY 2011	FY 2012
supporting the VC vision. In order to provide a more robust and reliable infrastructure, plans entailed standing up an initial combat cloud/cloud computing capability. This would have supported an anytime, anywhere Warfighter access to critical information and services. This requirement was to be able to stand up an environment that meets industry standards, web services specifications, and referenced implementations so that DoD users could rapidly integrate and interface with the enterprise. The ability to determine compliance on an automated basis would have provided DoD Services and Agencies faster access to the enterprise. Reuse of specifications and standards reduces development time; gets product to the enterprise quicker; allows Services and Agencies to expose info to the enterprise faster; and ensures the ability to interface with other DoD assets in a more efficient and cost-effective manner. The decrease of -$2.954 between FY 2011 and FY 2012 is due to the transitioning of JCTD's. The National Senior Leaders Decision Support System Initiative will be transitioning from a JCTD Initiative, and will become operational during the 3rd or 4th quarter of FY 2011.			
Title: Information Sharing (IS) **FY 2010 Accomplishments:** In FY 2010, funds supported the Integrated Satellite Communication (SATCOM)-GIG Operations and Management (ISOM) JCTD. The Transnational Information Sharing Cooperation (TISC) JCTD was completed, delivering the capability to rapidly share information in a protected, non-classified environment at an affordable cost. Also, the FY 2010 funding aided DISA's ability to meet the Nation's ever increasing humanitarian missions, such as TISC systems provided at the recent natural disasters in Chile and Haiti. **FY 2011 Plans:** In FY 2011, DISA continues to provide capabilities for crisis action planning tools, joint force protection, and coalition interoperability. DISA is establishing a more robust information sharing environment to support wireless and emerging technologies, NSLDSS operations, and to provide expanded information sharing across all supported organizations. **FY 2012 Plans:** In FY 2012, DISA will continue to develop the means for significantly expanded information sharing to provide JCS the best military advice and to rapidly transform information to knowledge. Information Sharing will be improved to provide the ability to share information that will cut across JCS, COCOM, Inter-Agency and Service/Agency (S/A) organizations. The funding increase of +$3.459 between FY 2011 and FY 2012 is required for a framework that will be put in place for the Advanced Technology Information, Identification, and Development Process (ATIIP). This development of technology framework	1.334	1.547	5.006

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C. Accomplishments/Planned Programs ($ in Millions)	FY 2010	FY 2011	FY 2012
will consist of the following: Tool Sweep; Coordination; Processes Development; Federated-integrated Assessment Infrastructure; Evaluation Methodology.			
Title: Network Infrastructure (NI) **FY 2010 Accomplishments:** In FY 2010, NI provided the information infrastructure to support C2/CS and IS efforts. The enterprise-wide information infrastructure was enhanced with advanced capabilities that support global data access and visualization of geospatially referenced data. In FY 2010, support to the ISOM JCTD was provided; however, the lack of FY 2010 funding significantly impacted the ability to establish a heterogeneous roaming capability which would expand the warfighter reach. This was to be accomplished by enabling interoperability between dissimilar network types (e.g., WI-MAX, WiFi, non 802-standard, etc). Within the network infrastructure, the ability to provide a universal standard layer based visual display and manipulation of electromagnetic spectrum within a browser was stopped. Further, the capabilty to enable interoperability and improved network experience for deployed users supporting low bandwidth high latency Satellite links was also stopped. **FY 2011 Plans:** In FY 2011, DISA continues to provide support to the ISOM JCTD. The enterprise-wide information infrastructure is further enhanced with advanced capabilities that support global data access and visualization of geospatially referenced data. **FY 2012 Plans:** In FY 2012, DISA will continue providing infrastructure to support the JCTDs, Risk Mitigation Pilots, and Joint Ventures. Features will include wideband networking integrated with smart remote data storage, data conferencing and collaboration, and search and visualization. The increase of +$0.244 between FY 2011 and FY 2012 is due to a new requirement to provide interface between Terrestrial and Satellite Communications.	1.112	1.856	2.100
Title: Network Operations (NetOps) **FY 2010 Accomplishments:** In FY 2010, Mission Assurance Decision Support System (MADSS) provided the COCOMs a joint, globally-available, common operating picture of network status during missions, integrated real-time communications anomaly data feeds and provided a mission area knowledge base for rapid event analysis and course of action development. DISA provided technical support to the Naval Surface Weapons Center (NSWC), Dahlgren. **FY 2011 Plans:**	1.200	1.238	1.272

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C. Accomplishments/Planned Programs ($ in Millions)	FY 2010	FY 2011	FY 2012
In FY 2011, DISA focuses efforts on NetOps support of all of the Leading Edge IT capabilities. Funding leverages the GIG to improve situational awareness, alerting and visualization, and to provide more efficient collaboration. *FY 2012 Plans:* In FY 2012, DISA will work with the Joint Staff Anti-terrorism/Force Protection community to provide integration support to expose web services and information, and to provide transition capabilities to assist COCOMs in employing a decision-support environment that will provide a tailored rendering of relevant information to the Commanders, their staff, Joint Task Forces, non-government organizations, and coalition forces. Additionally, DISA will address the ability to rapidly restore communications and IT infrastructure to enable emergency relief for DoD. The intent is to address response to events that highlight challenged infrastructures and the complexity of reconstituting communications infrastructures supporting ad hoc teams, multi-agency environments and ensuring interoperability to military and civilian responders. The increase of +$0.034 between FY 2011 and FY 2012 will enhance user requirement documents.			
Title: Technology Innovation *FY 2010 Accomplishments:* In FY 2010, an ability to provide for the unanticipated user leveraging the attribute based access control (ABAC) was the VCJCS' number one priority. A small pilot was provided as a proof of concept in FY 2010. DISA was able to stand up a partial implementation of a canonical mediation service. However, without further development, each warfighting application will need to perform mediaiton services to transform information into the desired format, delaying the timely parsing and understanding of the data and putting it in context. This ripples to the ability to effect timely decisions to act on the data that has been gathered. *FY 2011 Plans:* The FY 2011 funding provides the decision aid capability to accelerate the orient, observe, decide, and act cycle among the National Senior Leadership. This will speed up target acquisition and execution authorization process so that the warfighter can more effectively perform their jobs. In FY 2011, the ABAC pilot is expanded to fully support the department. Working with the Defense Management Data Center as Executive Agent for Enterprise Identity Attribute Service, the ABAC capability pulls unique information (attributes) to build the persona to allow access to information and services across the DOD. The FY 2011 funding expands this functional to a larger audience, to include the warfighting, business, and intelligence communities. FY 2011 also provides the mediation service to transform from multiple DoD formats so that the data is understandable and presentable to the warfighter. *FY 2012 Plans:* In FY 2012, DISA will bring dot com to dot mil (.com to .mil) by building the middleware to rapidly integrate commercial products which will reduce training cost and time through ease-of-use and implementing familiar commercial web-based technologies	-	25.669	25.374

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C. Accomplishments/Planned Programs ($ in Millions)	**FY 2010**	**FY 2011**	**FY 2012**
used in our homes. DISA will accelerate time-to-market for new capabilities through agile development and hosting on enterprise compliant middleware. Reduce development costs through shared infrastructure by applying commercial cloud concepts rather than multiple buildout of same capability at various locations. DISA will extend the value of these enterprise capabilities beyond DoD to Non-Government Organizations, the Federal Government and non-traditional partners. DISA will rapidly deliver high-value capabilities and expose them to the enterprise and warfighter. The decrease of -$0.295 from FY 2011 to FY 2012 is due to infrastructure stand-up costs that will not be required.			
Title: Program Management Support **FY 2010 Accomplishments:** In FY 2010, shared services and support functions were consolidated across the CTO. An information assurance roadmap for future program integration activities was developed, contracting requirements were consolidated into fewer contract vehicles, and knowledge management repositories were refined for contracting and DISA executive views. Additionally, DISA properly realigned the CTO civilian pay funding from O&M to RDT&E, to support those personnel engaged in non-headquarters RDT&E activities. **FY 2011 Plans:** In FY 2011, Program Management Support provides managers with project management, financial management, contract management assistance, information assurance technical expertise, knowledge management, outreach, and transition engineering. Program management resources continue to support the AITS-JPO growth in all key mission areas of C2/C2, IS, NI, NetOps, and Technology Innovation. Funds will be used for personnel support, supplies, and services. **FY 2012 Plans:** In FY 2012, there will be a continued need for core program management support to the AITS-JPO to manage financial accounts, oversee information assurance activities, assist in contract administration, and provide technical advice and assistance through the use of subject matter experts. Program Management support will also provide asset management, quality assurance and business line improvement, information assurance oversight, technical oversight and assistance, web support, and application hosting fees. Technology Integration support, including knowledge management expertise, outreach, transition engineering expertise, and scenario and/or capability-based demonstrations, will continue for all the program managers in each of the mission areas.	1.907	12.025	11.371
Accomplishments/Planned Programs Subtotals	13.465	49.364	49.198

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D. Other Program Funding Summary ($ in Millions)

Line Item	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
• O&M, DW/PE 0604764K: *O&M, DW*	14.653	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

E. Acquisition Strategy

The program accomplishes its mission through a combination of strategies focused on operations, technical integration, program management, and financial tracking. Market research during the acquisition process included a review of DISA contracts, other DoD contract vehicles, and other Government agency contracts which were advertised for Government-wide usage. This market research also included consideration of small business, minority/women owned (8A), Historically Black Colleges and Universities (HBCU), mentor/protégé and other specialized contract vehicles and processes. It evaluated all contractors available from DISA sources for their ability to deliver the products specifically required for the unique program efforts. The program works collaboratively with vendors when possible to obtain generic cost data for planning and analysis purposes. Past and current contract prices for similar work and other government-wide agency contracts provided additional sources of information. Quotes from multiple sources helped provide averages for more realistic cost estimates. The DISA CTO makes a concerted effort to award many of its contracts to small businesses. Additionally, many of the DISA contracts were awarded with multiple options periods that have the benefit of fixing labor costs over an extended period and minimizing the administrative costs associated with re-issuing short-term contracts every year or two. The Advanced Concepts Office (ACO) has reviewed existing contract vehicles and continues to review the number of contracts to minimize administrative overhead. Instead of three contracts for program management, business line improvement, asset management, and financial management, there is now one small business program services contract that provides services across the CTO. Another acquisition initiative was the creation and publicizing of a Broad Agency Announcement (BAA) to solicit a wide range of vendor Research and Development participation and to provide a contracting path that minimizes contract lead time. The BAA was successful in FY 2010 and was re-established for FY 2011, with increased management review and wider sharing throughout DISA to foster partnerships. The vendors holding separate contracts for transition engineering, technical oversight support, and program management services are prohibited from competing for design and development work for which they had prior knowledge or had worked on developing requirements.

F. Performance Metrics

Metrics are tracked for each type of technology project within the program, which utilizes JCTDs, Joint Ventures, and Risk Mitigation Pilots to support DISA's mandate to deliver prioritized emergent IT capabilities and services faster, extend enterprise services to the edge, accelerate operational effectiveness and efficiency, and enable information sharing and assurance. The model is to build it, allow the user to try it, and provide comments. Then fixes can be made which allows for an agile process and identifies failure early and enables the capabilities to the users earlier. For JCTDs, the program office develops an Implementation Directive and a Management Plan. These guidance documents outline the basic objectives, schedule, and funding for the JCTD. During the first year, the JCTD develops and documents the detailed objectives against which the Operational Sponsor (a COCOM) will assess military utility, as well as the detailed mechanisms by which military utility will be assessed and results measured. Regular oversight is maintained through JCTD program managers who are the central point of contact for maintaining cognizance over cost, schedule, and performance and for managing program risk. The program also incorporates internal processes to enhance financial reporting and track contractor spending. The program utilizes several web-based financial management tools as well as internal measures to monitor status.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2012 Defense Information Systems Agency													DATE: February 2011	
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Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Product Development 1	MIPR	SPAWAR SSC:Charleston, SC	14.456	5.000	Dec 2010	4.300	Dec 2011	-		4.300	Continuing	Continuing	Continuing
Product Development 2	C/CPFF	SAIC (TO 50 & 57):Arlington, VA	22.143	-		-		-		-	Continuing	Continuing	Continuing
Product Development 4	SS/FP	JACKBE:JACKBE	2.045	2.022	Dec 2010	-		-		-	Continuing	Continuing	Continuing
Product Development 4	C/CPFF	SOLERS:SOLERS	2.598	3.649	May 2011	3.649	May 2012	-		3.649	Continuing	Continuing	Continuing
		Subtotal	41.242	10.671		7.949		-		7.949			

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Support 1	C/FFP	RAYTHEON:RAYTHEON	4.501	4.018	Sep 2011	3.718	Sep 2012	-		3.718	Continuing	Continuing	Continuing
Support 2	C/T&M	TWM:TWM	1.163	-		-		-		-	Continuing	Continuing	Continuing
Support 3	C/FFP	TBD:TBD	0.150	0.731	Aug 2011	1.285	Aug 2012	-		1.285	Continuing	Continuing	Continuing
Support 4	Various	Various:Various	2.675	19.063		17.151		-		17.151	Continuing	Continuing	Continuing
Support 5	Various	Various:Various	-	-		5.200		-		5.200	Continuing	Continuing	Continuing
		Subtotal	8.489	23.812		27.354		-		27.354			

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Management Services 1	FFRDC	MITRE:MITRE	0.900	1.750		1.000		-		1.000	Continuing	Continuing	Continuing
Management Services 2	C/CPFF	Keylogic:Keylogic	2.638	4.750	Sep 2010	4.580	Sep 2011	-		4.580	Continuing	Continuing	Continuing
Program Management Civilian Pay	Various	Various:Various	-	8.381		8.315		-		8.315	Continuing	Continuing	Continuing
		Subtotal	3.538	14.881		13.895		-		13.895			

Exhibit R-3, RDT&E Project Cost Analysis: PB 2012 Defense Information Systems Agency					DATE: February 2011			

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PROJECT
T26: *Leading Edge Pilot Information Technology*

	Total Prior Years Cost	FY 2011		FY 2012 Base		FY 2012 OCO	FY 2012 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	53.269	49.364		49.198		-	49.198			

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2012 Defense Information Systems Agency		DATE: February 2011
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	FY 2010				FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016			
	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
Command and Control (C2) and Combat Support (CS)																												
National Senior Leadership Decision Support (NSLDS) POP, IOC, MUA & Transition																												
C2/CS FY 2011 JCTD RDEMS - POP, IOC, MUA & Transition																												
C2/CS FY 2012 JCTD - POP, IOC, MUA & Transition																												
C2/CS FY 2013 JCTD - POP, IOC, MUA																												
C2/CS FY 2014 JCTD - POP, IOC																												
C2/CS FY 2015 JCTD – POP																												
Joint User Messaging – POP, IOC, MUA & Transition																												
Senior Mashup (Strategic Watch)																												
Persistent Collaboration for Decision-making - POP, IOC, MUA & Transition																												
Virtual End-user Environments – POP, IOC, MUA & Transition																												
Global Crisis Situational Awareness – POP, IOC, MUA																												
Information Sharing (IS)																												
Transnational Information Sharing Cooperation (TISC) POP, IOC, MUA, Transition																												
Event Management Framework (EMF)																												
IS FY 2010 JCTD - POP, IOC, MUA & Transition																												

Exhibit R-4, RDT&E Schedule Profile: PB 2012 Defense Information Systems Agency		DATE: February 2011
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Schedule (FY 2010 – FY 2016, by quarter 1–4):

Activity	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
IS FY 2011 JCTD - POP, IOC, MUA & Transition		██ (Q1)	████	██ (→Q1)			
IS FY 2012 JCTD - POP, IOC, MUA & Transition			██ (Q1)	████	██ (→Q1)		
IS FY 2013 JCTD - POP, IOC, MUA & Transition				██ (Q1)	████	██ (→Q1)	
IS FY 2014 JCTD - POP, IOC						████	████
IS FY 2015 JCTD – POP						████	████
Communications Web	████	████	████	██ (→Q1)			
Transformational Coalition Information Sharing			██ (Q1)	████	██ (→Q1)		
Tactical Collaboration Support					████	████	████
Innovation Initiatives Investment Fund							
Innovation Initiatives Framework		██ (Q1)	████	████	████	████	████
FY 2011 approved Innovation Initiatives – testing, acceptance, infusion		██ (Q1)	████	██ (→Q1)			
FY 2012 approved Innovation Initiatives - testing, acceptance, infusion			██ (Q1)	████	██ (→Q1)		
FY 2013 approved Innovation Initiatives - testing, acceptance, infusion				██ (Q1)	████	██ (→Q1)	
FY 2014 approved Innovation Initiatives - testing, acceptance					████	████	████
FY 2015 approved Innovation Initiatives – testing						██ (Q2) ████	████
FY 2016 approved Innovation Initiatives – testing							████

Exhibit R-4, **RDT&E Schedule Profile:** PB 2012 Defense Information Systems Agency		**DATE:** February 2011
APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 5: *Development & Demonstration (SDD)*	**R-1 ITEM NOMENCLATURE** PE 0604764K: *Advanced IT Services Joint Program Office (AITS-JPO)*	**PROJECT** T26: *Leading Edge Pilot Information Technology*

	FY 2010				FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016			
	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
Network Infrastructure (NI)																												
Intelligence Community Storage JCTD POP, IOC, MUA, Transition																												
Intelligence Community Transfer JCTD POP, IOC, MUA, Transition																												
Intelligence Community Content Staging JCTD POP, IOC																												
Intelligence Community Services JCTD POP																												
Global Security Hub																												
Authenticated and Attribute-based Access																												
Network Operations (NetOps)																												
GIG Enterprise Service Management) ESM POP, IOC, MUA, Transition																												
Mission Assurance Decision Support Systems (MADSS) POP, IOC, MUA1, MUA2, Transition																												
GIG Content Management POP, IOC, MUA, Transition																												
GIG Risk Management POP, IOC, MUA, Transition																												
GIG Net Defense POP, IOC, MUA, Transition																												
GIG Services POP																												
Assured Services for Decision Superiority																												

Exhibit R-4A, **RDT&E Schedule Details:** PB 2012 Defense Information Systems Agency		**DATE:** February 2011
APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 5: *Development & Demonstration (SDD)*	**R-1 ITEM NOMENCLATURE** PE 0604764K: *Advanced IT Services Joint Program Office (AITS-JPO)*	**PROJECT** T26: *Leading Edge Pilot Information Technology*

Schedule Details

Events by Sub Project	Start		End	
	Quarter	**Year**	**Quarter**	**Year**
Command and Control (C2) and Combat Support (CS)				
National Senior Leadership Decision Support (NSLDS) POP, IOC, MUA & Transition	1	2010	4	2011
C2/CS FY 2011 JCTD RDEMS - POP, IOC, MUA & Transition	1	2011	4	2013
C2/CS FY 2012 JCTD - POP, IOC, MUA & Transition	1	2012	4	2014
C2/CS FY 2013 JCTD - POP, IOC, MUA	1	2013	4	2015
C2/CS FY 2014 JCTD - POP, IOC	1	2014	4	2015
C2/CS FY 2015 JCTD – POP	1	2016	4	2016
Joint User Messaging – POP, IOC, MUA & Transition	1	2010	4	2010
Senior Mashup (Strategic Watch)	1	2010	4	2011
Persistent Collaboration for Decision-making - POP, IOC, MUA & Transition	1	2010	4	2012
Virtual End-user Environments – POP, IOC, MUA & Transition	1	2012	4	2014
Global Crisis Situational Awareness – POP, IOC, MUA	1	2013	4	2016
Information Sharing (IS)				
Transnational Information Sharing Cooperation (TISC) POP, IOC, MUA, Transition	1	2010	4	2010
Event Management Framework (EMF)	1	2010	2	2011
IS FY 2010 JCTD - POP, IOC, MUA & Transition	1	2010	4	2012
IS FY 2011 JCTD - POP, IOC, MUA & Transition	1	2011	4	2013
IS FY 2012 JCTD - POP, IOC, MUA & Transition	1	2012	4	2014
IS FY 2013 JCTD - POP, IOC, MUA & Transition	1	2013	4	2015
IS FY 2014 JCTD - POP, IOC	1	2015	4	2016
IS FY 2015 JCTD – POP	1	2015	4	2016
Communications Web	1	2010	4	2012

Exhibit R-4A, RDT&E Schedule Details: PB 2012 Defense Information Systems Agency		DATE: February 2011
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Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Transformational Coalition Information Sharing	1	2012	4	2014
Tactical Collaboration Support	1	2014	4	2016
Innovation Initiatives Investment Fund				
Innovation Initiatives Framework	1	2011	4	2016
FY 2011 approved Innovation Initiatives – testing, acceptance, infusion	1	2011	4	2012
FY 2012 approved Innovation Initiatives - testing, acceptance, infusion	1	2012	4	2014
FY 2013 approved Innovation Initiatives - testing, acceptance, infusion	1	2013	4	2015
FY 2014approved Innovation Initiatives - testing, acceptance	1	2014	4	2016
FY 2015 approved Innovation Initiatives – testing	1	2015	4	2016
FY 2016 approved Innovation Initiatives – testing	1	2016	4	2016
Network Infrastructure (NI)				
Intelligence Community Storage JCTD POP, IOC, MUA, Transition	1	2010	4	2012
Intelligence Community Transfer JCTD POP, IOC, MUA, Transition	1	2012	4	2014
Intelligence Community Content Staging JCTD POP, IOC	1	2014	4	2015
Intelligence Community Services JCTD POP	1	2016	4	2016
Global Security Hub	1	2011	4	2013
Authenticated and Attribute-based Access	1	2012	4	2015
Network Operations (NetOps)				
GIG Enterprise Service Management) ESM POP, IOC, MUA, Transition	1	2010	4	2012
Mission Assurance Decision Support Systems (MADSS) POP, IOC, MUA1, MUA2, Transition	1	2010	4	2013
GIG Content Management POP, IOC, MUA, Transition	1	2012	4	2014
GIG Risk Management POP, IOC, MUA, Transition	1	2013	4	2015
GIG Net Defense POP, IOC, MUA, Transition	1	2014	4	2016

Exhibit R-4A, **RDT&E Schedule Details:** PB 2012 Defense Information Systems Agency		**DATE:** February 2011
APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 5: *Development & Demonstration (SDD)*	**R-1 ITEM NOMENCLATURE** PE 0604764K: *Advanced IT Services Joint Program Office (AITS-JPO)*	**PROJECT** T26: *Leading Edge Pilot Information Technology*

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
GIG Services POP	1	2015	4	2016
Assured Services for Decision Superiority	1	2011	4	2014