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Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Army										DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 5: System Development & Demonstration (SDD)					R-1 ITEM NOMENCLATURE PE 0604805A: Command, Control, Communications Systems - Eng Dev							
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Total Program Element	-	79.188	20.776	7.379	-	7.379	14.210	12.031	9.460	10.391	Continuing	Continuing
485: Info Standards Interop Eng/ Joint Interop Cert	-	19.135	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
593: Joint Battle Command - Platform (JBC-P)	-	60.053	20.776	7.379	-	7.379	14.210	12.031	9.460	10.391	Continuing	Continuing
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Note												
Program increase provides for software development, system engineering, and test and integration efforts that support the evolution of core JBC-P software to the interoperable mounted environment.												
A. Mission Description and Budget Item Justification												
This Program Element (PE) supports efforts to develop interoperability of Army programs and products, horizontally and vertically for the digitized battlefield. Project D485 supports Information Standards Interoperability Engineering and Joint Interoperability Certification. It provides the critical elements of the Army/Joint Technical Architecture, the mandated standards and communication protocols for Army/Joint ground and air operations, and crucial certification test tools to evaluate systems' interoperability for the Warfighter in support of the Vice Chief of Staff of the Army (VCSA) and Army Acquisition Executive (AAE). It also provides Joint certification testing and certification recommendations to the Joint Chiefs of Staff (JCS) for Army systems. This Army-wide effort directly supports the management, oversight, development, maintenance, and interoperability at the Army enterprise level C4I/IT (Command, Control, Communications, Computers, and Intelligence/Information Technology) architecture efforts required to implement Unit Set Fielding (USF), Software Blocking (SWB) Policy and Army Knowledge Management.												
Project D593, Joint Battle Command - Platform (JBC-P) funds the Systems Engineering, Software Development and Testing of JBC-P. Joint Battle Command - Platforms (JBC-P), which includes Blue Force Tracking (BFT) and Army Aviation, and provides true Joint force Command and Control (C2) Situational Awareness (SA) and communications (e.g., terrestrial, celestial) capability at the platform level through command center locations (e.g., Network Operations Centers (NOC), Tactical Operation Centers (TOCs), Brigade Command Posts) and enables mission accomplishment across the entire spectrum of military operations.												

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APPROPRIATION/BUDGET ACTIVITY		R-1 ITEM NOMENCLATURE			
2040: Research, Development, Test & Evaluation, Army		PE 0604805A: Command, Control, Communications Systems - Eng Dev			
BA 5: System Development & Demonstration (SDD)					
B. Program Change Summary (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	81.733	20.776	0.000	-	0.000
Current President's Budget	79.188	20.776	7.379	-	7.379
Total Adjustments	-2.545	0.000	7.379	-	7.379
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-2.545	-	7.379	-	7.379

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Army										DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY					R-1 ITEM NOMENCLATURE				PROJECT			
2040: Research, Development, Test & Evaluation, Army BA 5: System Development & Demonstration (SDD)					PE 0604805A: Command, Control, Communications Systems - Eng Dev				485: Info Standards Interop Eng/Joint Interop Cert			
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
485: Info Standards Interop Eng/ Joint Interop Cert	-	19.135	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles												

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

A. Mission Description and Budget Item Justification

Focus for this project is to support the engineering or evaluation of commercially-available information technology (IT) tools to develop architecture products Information Technology based Command, Control, Computers, and Communications (C4/IT) systems such as Applications Program Interfaces for Weapons Systems. A significant effort will be on building Army (consistent with DoD) C4/IT technical standards-compliant Army data repositories that are web-accessible but secure. These repositories will be consistent with DoD standards and policies and virtually appear to be a single repository for Army C4/IT architecture products.

To support the Army Vice Chief of Staff (VCSA) and the Army Chief Information Officer/G6, as cited in the AEA Master Plan, this initiative fulfills the Clinger-Cohen Act mandate of developing sound integrated Information Technology (IT) architectures and the Army's Software Blocking Policy. The increased combat power of the Future Force will be dependent on the information superiority of network & knowledge centric warfare and the ability of systems to be fully -interoperable as a member of the joint, multinational, interagency team as well as emerging Future Force (FF) C4ISR (Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance) Systems. It identifies and reduces interoperability issues earlier in the life cycle by intra-Army/FF/Joint/combined experiments and assessments, and through the establishment & sustainment of common standards. This Army wide effort directly supports the management, oversight, development, maintenance, and interoperability of the Army enterprise level C4/IT architecture efforts required to implement Software Blocking and Army Enterprise Architecture (AEA). Specifically, this project resources the Army's messaging standards conformance authority in assessing compliance with the Defense Information Systems Repository (DISR), in meeting the warfighter information exchange requirements and in facilitating their interoperability. It also resources, in accordance with the DISR, the development and maintenance of the following information standards: Variable Message Format (VMF) & Combat Net Radio (CNR) protocol, which support Army/Joint ground operations; Tactical Digital Information Links (TADILs), which support Air Defense operations; and US Message Text Format (USMTF), which support Intel and Commanders operations. It provides the Army's lead for configuration management functions of these standards and test tools at both Army and Joint levels. This project resources the Army participation in joint/allied messaging certification testing & configuration management processes. This project also resources the development and fielding of a suite of four (4) crucial tools which are used throughout the entire Army. These tools which are currently under development will provide the ideal means to: a) validate Technical Architecture/Technical Reference Model (TA/TRM) critical messaging and protocol standards; b) improve systems interoperability; c) verify/certify correct system implementations and interpretation to TA/TRM; d) sustain/support digitization and transition of fielded systems; e) support Software Blocking and interoperability testing; f) provide Legacy AEA interoperability with Future Combat System (FCS) command and control systems. These crucial tools are critical to the TA/TRM Compliance, Certification Testing mission & Interoperability programs. The task also supports the Army's transformation campaign while mitigating interoperability issues resulting in reducing cost & program slippages. This project also provides the Configuration Management & Control for the Software Blocking (SWB)/USF (Unit Set Fielding).

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APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>System Development & Demonstration (SDD)</i>		R-1 ITEM NOMENCLATURE PE 0604805A: <i>Command, Control, Communications Systems - Eng Dev</i>		PROJECT 485: <i>Info Standards Interop Eng/Joint Interop Cert</i>	
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2012	FY 2013	FY 2014
Title: C4ISR Description: Funds to support the following effort FY 2012 Accomplishments: Develop and update architecture standards and protocols necessary to ensure C4ISR systems interoperability			Articles: 4.677 0	0.000	0.000
Title: Army Warfighter Information Standards Description: Funds to support the following effort FY 2012 Accomplishments: Engineer, develop & publish Army Warfighter Information Standards (i.e. XML-USMTF/VMF, Wireless XML, database exchange, etc...) incorporating DoD standards requirements.			Articles: 4.677 0	0.000	0.000
Title: technical architecture standards requirements Description: Funds to support the following efforts FY 2012 Accomplishments: Identify, analyze, and provide solutions to gaps in technical architecture standards requirements			Articles: 4.677 0	0.000	0.000
Title: Army Net-Centric Enterprise Service Description: Funds to support the following effort FY 2012 Accomplishments: Develop and engineer Army Net-Centric Enterprise Service standards and protocols supporting OSD Global Information Grid messaging requirements and serve as Army focal point for messaging working group.			Articles: 4.794 0	0.000	0.000
Title: Knowledge Center Development Description: Funds to support the following effort FY 2012 Accomplishments:			Articles: 0.310 0	0.000	0.000

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2012	FY 2013
Knowledge Center Development - Build & update as necessary access to website repositories for key policies, directives, and architecture products			
Accomplishments/Planned Programs Subtotals		19.135	0.000
C. Other Program Funding Summary (\$ in Millions) N/A			
Remarks			
D. Acquisition Strategy The efforts funded in this project are non-system specific, interoperability experimentation, evaluation and certification across multiple systems. The contractual efforts/ services are obtained from existing competitive omnibus support service contracts.			
E. Performance Metrics Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.			

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Army												DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>System Development & Demonstration (SDD)</i>						R-1 ITEM NOMENCLATURE PE 0604805A: <i>Command, Control, Communications Systems - Eng Dev</i>				PROJECT 485: <i>Info Standards Interop Eng/Joint Interop Cert</i>				

Product Development (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Labor	Various	USACECOM ,:Ft. Monmouth, NJ	56.513	19.135		-		-		-		-	Continuing	Continuing	Continuing
Subtotal			56.513	19.135		0.000		0.000		0.000		0.000			

	All Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	56.513	19.135	0.000	0.000	0.000	0.000			

Remarks

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APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 5: System Development & Demonstration (SDD)					R-1 ITEM NOMENCLATURE PE 0604805A: Command, Control, Communications Systems - Eng Dev				PROJECT 593: Joint Battle Command - Platform (JBC-P)			
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
593: Joint Battle Command - Platform (JBC-P)	-	60.053	20.776	7.379	-	7.379	14.210	12.031	9.460	10.391	Continuing	Continuing
Quantity of RDT&E Articles												
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
A. Mission Description and Budget Item Justification												
The Joint Battle Command - Platform (JBC-P) program is the cornerstone of joint forces Command and Control (C2) Situational Awareness (SA) and communications. JBC-P provides secure Blue Force Tracking capability at the Platform and Command Post levels, reducing fratricide and enabling mission accomplishment across the entire spectrum of tactical military operations. JBC-P provides continuous near-real-time identification of friendly locations to populate the tactical Common Operating Picture (COP) and enables joint, Net-Centric C2/Battle Command by seamlessly passing/sharing relevant information vertically and horizontally, within all tactical levels of command and control.												
The JBC-P program will field new hardware (ruggedized dismountable vehicle computer systems and ancillary equipment) and software capabilities, and will leverage the Armys previous equipment investments by installing the new JBC-P software on existing Force XXI Battle Command Brigade and Below (FBCB2) computer systems.												
As part of the software-focused mounted computing environment (MCE) initiative, JBC-P will continue to evolve its core system design to employ open standards, defined processes, and common lower-level software components that will allow the JBC-P core software to support future application development and interoperability among other Mission Command (MC) applications and services in the mounted tactical environment.												
Fiscal Year 2014 funds provide for software development, system engineering, and test and integration efforts that support the evolution of core JBC-P software to the interoperable mounted environment.												
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)									FY 2012	FY 2013	FY 2014	
Title: Software Development									28.900	8.915	3.912	
									Articles: 0	0		
Description: Develop Capabilities, Product Applications, Platform Interoperability, and System Services across the JBC-P family of systems, to include the development of capabilities to meet Key Performance Parameters (KPPs), other system attributes, and in support of Mounted Computing Environment, Multi-Level Security Domains for Network, Users, and Information.												
FY 2012 Accomplishments:												

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2012	FY 2013	FY 2014
Complete Software System Acceptance Test (SSAT) for product build 2 for Capability Set 13-14 software and deliver to PM. Complete engineering, design, development, coding and SSAT for Build 3 and 4 of product software (vehicle, network operations center, command post, and incorporation of Movement Tracking System functionality into JBC-P) for Capability Set 13-14 (to include JBC-P platform Multiservice Operational Test & Evaluation (MOT&E)) and deliver to PM. Complete engineering, design, development, coding of Handheld Product Development Kit (PDK) in support of NETT Warrior/JBC-P dismount requirements. Complete engineering, design and initiate coding for product build 5 to meet the KPPS outlined in the Capability Development Document (with the exception of Aviation (still on BFT-1)) for all of the products. Conduct User juries to gain user feedback on the software. Include Marine Corps participation in working groups and integrated product/process teams and provide software builds to the Marine Corps as required for testing to ensure joint requirements are included and adequately addressed throughout the software development effort. FY 2013 Plans: Complete engineering, design and coding for Core/PDK software. Complete engineering, design, and coding for product builds 5 & 6 to fully maintain the KPPs and other system attributes outlined in the Capability Development Document in lieu of Capabilities Production Document for all of the products. Conduct user juries to gain user feedback on the software. Include Marine Corps participation in working groups and integrated product/process teams and provide software builds to the Marine Corps as required for testing to ensure joint requirements are included and adequately addressed throughout the software development effort. FY 2014 Plans: Continue software design, development, and coding for JBC-P software build 6.0, and Mounted Computing Environment (MCE) 1.0. New software capabilities under development include logistics functions, common geospatial services, common overlay, and improved product development kit (PDK). Continue software code CM and documentation. Continue to conduct user juries to assess software maturity. Includes efforts in support of mounted computing environment (MCE) compliance and support of common software components across the COE technical reference model.					
Title: Software/Systems Engineering Articles: Description: Perform Software/Systems Engineering in support of the development of JBC-P Capabilities, Applications, and Services, to include, but not limited to, Conducting Engineering Studies, Architecture Development (both Software and Network), System Analyses, Technical Readiness Assessments, Technical Interchange Meetings/Events, and development of Related Reports and other deliverables. FY 2012 Accomplishments:			12.235 0	5.285 0	1.538

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2012	FY 2013	FY 2014
In order to meet timelines for the Army's Capability Set 15-16 fielding cycle, begin Software and System Engineering in Fiscal Year 2012. Begin planning, requirements analysis, system architecture and Family of Systems (FoS) engineering for Capability Set 15-16 software. Begin security engineering including security certification and accreditation plan, safety engineering and FoS definition study and prototyping. Begin development of System/Subsystem specification for Capability Set 15-16 software. FY 2013 Plans: Complete Capability Set 13-14 security engineering including security certification and accreditation plan, safety engineering and FoS definition study and prototyping. Complete development of requirements analysis, System/Subsystem specification and high level system engineering for Capability Set 15-16 software. Commence system engineering for the migration of JBC-P baseline to MCE standards. FY 2014 Plans: Continue system engineering efforts for JBC-P Family of Systems, in support of Capability Set development, focusing on hardware/software integration, and further analysis and engineering of Position Location Information (PLI) sharing across platforms. Includes planning and engineering of future MCE capabilities including Shared Software Databus, Geospatial Services, Common Overlay, Single Security Services, and Common Authentication.				
Title: Prototype Manufacturing Articles: Description: Design, Develop and Procure Prototypes for Remoteable Vehicle Computer Systems and Beacon Product, Embedded Encryption and Satellite Transceiver FY 2012 Accomplishments: Test and evaluation of beacon solution. Test and evaluation of commercial off-the-shelf/government off-the-shelf (COTS/GOTS) candidates for dismountable vehicle computer solution. Conduct testing at the Network Integrated Evaluation 12.2 in preparation for Milestone C approval to conduct Multiservice Operational Test and Evaluation for Capability Set 13-14. Conduct Milestone C decision review.		5.620 0	0.000	0.000
Title: Program Management Articles: Description: JBC-P Program Management FY 2012 Accomplishments:		3.423 0	1.861 0	0.885

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2012	FY 2013	FY 2014
Provide technical, logistics and business oversight for software and hardware development activities. Monitor progress of performing organizations and prepare reports to higher headquarters. Develop and implement plans for process and product improvements. FY 2013 Plans: Provide technical, logistics and business oversight for software and hardware development activities. Monitor progress of performing organizations and prepare reports to higher headquarters. Develop and implement plans for process and product improvements. FY 2014 Plans: Provide technical, logistics and business oversight for software development activities. Monitor progress of performing organizations and prepare reports to higher headquarters. Develop and implement plans for process and product improvements. Includes Configuration & data management, CE working group infrastructure, operations, participation in Technical Advisory boards, system of systems engineering & the Platform Integrated Process (IPT) team efforts.					
Title: Test, Evaluation and Integration Articles: Description: Develop and Conduct Integration Events (i.e., Tests and Assessments) FY 2012 Accomplishments: Complete planning for Capability Set 13-14 Operational Test. Equip test unit with Engineering and Manufacturing Development hardware. Conduct test and evaluation of beacon solution. Test and evaluation of COTS/GOTS candidates for dismountable vehicle computer solution. Conduct testing at the Network Integrated Evaluation 12.2 in preparation for Milestone C approval to conduct Multiservice Operational Test and Evaluation (NIE 13.2) for Capability Set 13-14. Evaluate test data and provide reports to the Project Manager and Milestone Decision Authority for use in decision reviews. FY 2013 Plans: Conduct a customer test at NIE 13.1, a formal Developmental Test at Risk Reduction Event (RRE) 12, and the Multiservice Operational Test & Evaluation (MOT&E) at NIE 13.2. FY 2014 Plans: Test and Evaluation efforts in this timeframe include preparation for and participation in Risk Reduction Events (RRE) and Network Integration Exercises (NIE). Verification & Validation efforts of JBC-P and MCE software assets, HW/SW integration testing, DoD-provided network integration testing, and 3rd party application testing and certification.			9.875 0	4.715 0	1.044
Accomplishments/Planned Programs Subtotals			60.053	20.776	7.379

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APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 5: System Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604805A: Command, Control, Communications Systems - Eng Dev				PROJECT 593: Joint Battle Command - Platform (JBC-P)			
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
• Joint Battle Command - Platform: OPA W61990	69.514	141.385	103.214		103.214	119.059	113.638	108.305	101.276	0.000	756.391
Remarks											
Procurement funding in Fiscal Year 2013 through 2018 (Base funding) is designated for the procurement, fielding, and program management of JBC-P Family of Systems including JBC-P, JBC-P Log, and the implementation of the Mounted Computing Environment (MCE).											
D. Acquisition Strategy											
The JBC-P Capabilities Development Document (CDD) was Joint Requirements Oversight Council (JROC) approved in May 2008. RDTE funding for JBC-P began in Fiscal Year 2010. The Acquisition Strategy Report (ASR) was approved in July 2012. The program entered Milestone B (Engineering and Manufacturing Development phase) in September 2009. The Milestone Decision Authority (MDA) approved a Milestone C, conditional on positive Limited User Test (LUT) results, in July 2012.											
The PM will conduct Multiservice Operational Test & Evaluation (MOT&E) as part of Network Integration Evaluation (NIE) 13.2 in 3QFY13. The MOT&E will test the JBC-P system software on existing FBCB2 hardware (non-dismountable vehicle systems) and future production-representative hardware (dismountable vehicle systems). Upon successful completion of MOT&E, PM JBC-P will request the MDA issue a Full Rate Production (FRP) Decision.											
E. Performance Metrics											
Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Army												DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 5: System Development & Demonstration (SDD)						R-1 ITEM NOMENCLATURE PE 0604805A: Command, Control, Communications Systems - Eng Dev						PROJECT 593: Joint Battle Command - Platform (JBC-P)			
Product Development (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
JBC-P Software Development	MIPR	SED, Redstone Arsenal:Huntsville, AL	24.600	28.900		8.915		3.396		-		3.396	21.213	87.024	0.000
JBC-P Software/System Engineering	MIPR	SED, Redstone Arsenal:Huntsville, AL	16.605	12.235		5.285		1.538		-		1.538	9.607	45.270	0.000
Design, Develop, First Article Test, and Procure Hardware Prototypes	Various	Multiple:Multiple	1.605	5.620		-		-		-		-	0.000	7.225	0.000
Subtotal			42.810	46.755		14.200		4.934		0.000		4.934	30.820	139.519	0.000
Support (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
PM Support (Gov't-Core)	Sub Allot	PM JBC-P:Aberdeen Proving Ground (APG), MD	0.800	1.100		1.861		0.385		-		0.385	2.405	6.551	0.000
PM Support (Gov't-Matrix)	IA	PM JBC-P:Aberdeen Proving Ground (APG), MD	0.305	1.060		-		0.300		-		0.300	1.874	3.539	0.000
PM Support (SETA Contractor)	C/CPFF	PM JBC-P:Aberdeen Proving Gound (APG), MD	1.130	1.263		-		0.200		-		0.200	1.249	3.842	0.000
Subtotal			2.235	3.423		1.861		0.885		0.000		0.885	5.528	13.932	0.000
Test and Evaluation (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Develop and Conduct Tests and Assessments	MIPR	Multiple:Multiple	8.605	9.875		4.715		1.560		-		1.560	9.744	34.499	0.000

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Test and Evaluation (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			8.605	9.875		4.715		1.560		0.000		1.560	9.744	34.499	0.000

	All Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	53.650	60.053	20.776	7.379	0.000	7.379	46.092	187.950	0.000

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2014 Army **DATE:** April 2013

APPROPRIATION/BUDGET ACTIVITY

2040: Research, Development, Test & Evaluation, Army
BA 5: System Development & Demonstration (SDD)

R-1 ITEM NOMENCLATURE

PE 0604805A: Command, Control,
Communications Systems - Eng Dev

PROJECT

593: Joint Battle Command - Platform (JBC-P)

	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018			
	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
RRE 10																												
RRE 11																												
RRE 12 (Formal DT)																												
NIE 12.2																												
NIE 13.1 (Customer Test)																												
NIE 13.2 (MOT&E)																												
NIE 14.1																												
NIE 14.2 (FOT&E)																												
MS C																												
Full Rate Production (FRP)/SW Fielding Decision																												
FRP Delivery Order 1 Award (Dis Vehicle Sys: 344)																												
FRP DO Award Year 2 (DV: 498)																												
FRP DO Award Year 3 (DV: 362; Veh: 1,659)																												
FRP DO Award Year 4 (DV: 447; Veh: 1,220)																												
FRP DO Award Year 5 (DV: 390; Veh: 1,150)																												

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2014 Army

DATE: April 2013

APPROPRIATION/BUDGET ACTIVITY

2040: *Research, Development, Test & Evaluation, Army*
BA 5: *System Development & Demonstration (SDD)*

R-1 ITEM NOMENCLATURE

PE 0604805A: *Command, Control, Communications Systems - Eng Dev*

PROJECT

593: *Joint Battle Command - Platform (JBC-P)*

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
RRE 10	2	2012	2	2012
RRE 11	3	2012	3	2012
RRE 12 (Formal DT)	2	2013	2	2013
NIE 12.2	3	2012	3	2012
NIE 13.1 (Customer Test)	1	2013	1	2013
NIE 13.2 (MOT&E)	3	2013	3	2013
NIE 14.1	1	2014	1	2014
NIE 14.2 (FOT&E)	3	2014	3	2014
MS C	3	2012	3	2012
Full Rate Production (FRP)/SW Fielding Decision	4	2013	4	2013
FRP Delivery Order 1 Award (Dis Vehicle Sys: 344)	4	2013	4	2014
FRP DO Award Year 2 (DV: 498)	1	2014	1	2015
FRP DO Award Year 3 (DV: 362; Veh: 1,659)	1	2015	1	2016
FRP DO Award Year 4 (DV: 447; Veh: 1,220)	1	2016	1	2017
FRP DO Award Year 5 (DV: 390; Veh: 1,150)	1	2017	1	2018