

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2016 The Joint Staff	Date: February 2015
--	----------------------------

Appropriation/Budget Activity	R-1 Program Element (Number/Name)											
0400: <i>Research, Development, Test & Evaluation, Defense-Wide I BA 4: Advanced Component Development & Prototypes (ACD&P)</i>	PE 0604826J <i>I Joint C5 Capability Development, Integration, and Interoperability Assessments</i>											
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
Total Program Element	0.000	-	-	25.200	-	25.200	23.483	22.419	24.089	24.089	Continuing	Continuing
001: <i>C5 Assessments and Analyses</i>	0.000	-	-	13.696	-	13.696	13.940	14.195	14.190	14.190	Continuing	Continuing
002: <i>C5 Capability Development</i>	0.000	-	-	7.079	-	7.079	5.118	3.801	5.483	5.483	Continuing	Continuing
003: <i>Joint Fires C2 Interoperability</i>	0.000	-	-	4.425	-	4.425	4.425	4.423	4.416	4.416	Continuing	Continuing

A. Mission Description and Budget Item Justification

Lead command, control, communications, computers, and cyber (C5) assessments, analyses, capability development, and Joint Fires C2 interoperability efforts required to achieve an effective, integrated, and interoperable Joint Force. Efforts include C5 requirements determination, C5 architectures development and integration, C5 data standardization, Joint Fires C2 interoperability, and C5 integration and interoperability assessments. This is a new PE for FY2016 and consolidates legacy U. S. Joint Forces Command (JFCOM) PEs that transitioned to the Joint Staff in FY2013 after JFCOM disestablishment. The following PEs will no longer be used: 0604828J - Joint Fires Integration and Interoperability Team (JFI), 0604787J - Joint Systems Integration Command (JSI), and 0607828J - Joint Integration and Interoperability (JII).

B. Program Change Summary (\$ in Millions)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Previous President's Budget	-	-	-	-	-
Current President's Budget	-	-	25.200	-	25.200
Total Adjustments	-	-	25.200	-	25.200
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Legacy Program Element Consolidation	-	-	25.200	-	25.200

Change Summary Explanation

This is a new Program Element (PE) for FY2016 and consolidates legacy U. S. Joint Forces Command (JFCOM) PEs that transitioned to the Joint Staff in FY2013 as a result of the JFCOM disestablishment. The following PEs will no longer be used after FY2015: 0604828J - Joint FIRES Integration and Interoperability Team (JFII), 0604787J - Joint Systems Integration Command (JSI), and 0607828J - Joint Integration and Interoperability (JII).

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2016 The Joint Staff										Date: February 2015		
Appropriation/Budget Activity 0400 / 4					R-1 Program Element (Number/Name) PE 0604826J / Joint C5 Capability Development, Integration, and Interoperability Assessments				Project (Number/Name) 001 / C5 Assessments and Analyses			
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
001: C5 Assessments and Analyses	-	-	-	13.696	-	13.696	13.940	14.195	14.190	14.190	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Conduct assessments and analyses of existing and emerging command, control (C2), communications, computers, and cyber (C5) capabilities, in both a persistent environment and in the field, producing and utilizing decision-quality information to achieve joint and combined interoperable and integrated solutions. The Joint Staff possesses the unique laboratory facilities and deployable skill sets within DOD to lead these efforts for the Department.

This is a new Program Element (PE) for FY2016 and consolidates legacy U. S. Joint Forces Command (JFCOM) PEs that transitioned to the Joint Staff in FY2013 as a result of the JFCOM disestablishment. The following PEs will no longer be used after FY2015: 0604828J - Joint FIRES Integration and Interoperability Team (JFII), 0604787J - Joint Systems Integration Command (JSI), and 0607828J - Joint Integration and Interoperability (JII).

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

	FY 2014	FY 2015	FY 2016
Title: C5 Assessments and Analyses	-	-	13.696
FY 2016 Plans: Conduct interoperability assessments and analysis that evaluate capability and interoperability of fielded and emerging command, control, communications, computers, and cyber (C5), and systems in response to operational issues and shortfalls. FY 2016 focus areas include: Command and Control, Mission Partner Environment, and operations in Cyberspace Capability Development. This includes the impact of technology advances in wireless devices, modem technology, and small secure digital capabilities on warfighter command and control capabilities to match emerging requirements with near-term technology solutions. A comprehensive Joint Task Force (JTF) environment will support the integration and operational assessment process and support cyber training, capability development and assessments, separately and in coordination with the Department of Defense Cyber Range Environment (DECRE). This is achieved by maintaining a persistent C5 laboratory environment that allows for a rapidly reconfigurable joint, coalition, and inter-agency interoperability assessments, including participation in the Coalition Interoperability and Assurance Validation (CIAV) which supports on-going war efforts. In a live setting, a deployable capability allows for range instrumentation and both the collection and analysis of decision quality data for cyber and command and control operations. This objective, joint analysis provides the data and analysis from which Director, Operational Testing and Evaluation decisions are made.			
Accomplishments/Planned Programs Subtotals	-	-	13.696

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2016 The Joint Staff		Date: February 2015
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604826J / <i>Joint C5 Capability Development, Integration, and Interoperability Assessments</i>	Project (Number/Name) 001 / <i>C5 Assessments and Analyses</i>
C. Other Program Funding Summary (\$ in Millions) N/A		
Remarks		
D. Acquisition Strategy N/A		
E. Performance Metrics		
(1) Conduct at least fifteen (15) interoperability assessments per year designed to identify Joint and Coalition interoperability issues and recommend fixes/solutions to Program Managers, Combatant Commands, Services, and Agencies.		
(2) Support a minimum of six (6) exercises and events in the field (deployed), providing data collection, analysis, and recommendations based on decision quality data, in order to improve and increase Joint C2 and Joint Fires C2 interoperability.		
(3) Provide C2 Systems and Persistent command, control, communications, and computers (C4) Environment supporting at least two (2) Combatant Command Exercises per year to satisfy Combatant Command training objectives, including the cyber threat to mission systems.		
(4) Provide C2 Systems and Persistent C4 Environment supporting at least four (4) individual/team training events per year to meet training and certification objectives.		
(5) Provide C2 Systems and Persistent C4 Environment to support at least two (2) Cyber Assessments per year supporting Cyber capability development.		
(6) Integrate at least two (2) new capabilities per year supporting Combatant Command, Service, Agency, and Commercial Solutions for Classified and Mobile Computing program requirements.		
(7) Maintain a Persistent C4 Environment capability on a daily basis to replicate systems typically found in a Joint Task Force.		
(8) Ensure 100% of all government employee travel is in accordance with the Joint Federal Travel Regulation/Joint Travel Regulation.		
(9) Complete events within schedule and budget. Provide and track status of recommendations.		

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 The Joint Staff												Date: February 2015			
Appropriation/Budget Activity 0400 / 4						R-1 Program Element (Number/Name) PE 0604826J / <i>Joint C5 Capability Development, Integration, and Interoperability Assessments</i>				Project (Number/Name) 001 / <i>C5 Assessments and Analyses</i>					

Test and Evaluation (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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
Contract Management and Engineering Technical Services	C/CPFF	Various : Norfolk, Suffolk, Eglin	-	-		-		9.332	Mar 2016	-		9.332	-	-	-
Engineering and Technical Services (Support from DoD Activities)	MIPR	Various : DoD Activities	-	-		-		1.542	Mar 2016	-		1.542	-	-	-
Maintenance	C/CPFF	Various : Various	-	-		-		2.455	Mar 2016	-		2.455	-	-	-
Travel	TBD	Various : Various	-	-		-		0.367		-		0.367	-	-	-
Subtotal			-	-		-		13.696		-		13.696	-	-	-

	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	-	-	13.696	-	13.696	-	-	-

Remarks

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2016 The Joint Staff			Date: February 2015
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604826J / Joint C5 Capability Development, Integration, and Interoperability Assessments	Project (Number/Name) 001 / C5 Assessments and Analyses	

FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
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

TBD																												
To be developed.																												

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2016 The Joint Staff			Date: February 2015
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604826J / Joint C5 Capability Development, Integration, and Interoperability Assessments	Project (Number/Name) 001 / C5 Assessments and Analyses	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
TBD				
To be developed.	1	2016	4	2020

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2016 The Joint Staff										Date: February 2015		
Appropriation/Budget Activity 0400 / 4					R-1 Program Element (Number/Name) PE 0604826J / Joint C5 Capability Development, Integration, and Interoperability Assessments				Project (Number/Name) 002 / C5 Capability Development			
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
002: C5 Capability Development	-	-	-	7.079	-	7.079	5.118	3.801	5.483	5.483	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Lead the development and validation of command, control, communications, computers, and cyber (C5) capability requirements to achieve an effective and agile Joint Force in support of joint and combined operations. Efforts include C5 capability requirements determination, prioritization, and integration, as well as C5I data standards development, architectures integration, and technical specifications development, documentation, and enforcement.

This is a new Program Element (PE) for FY2016 and consolidates legacy U. S. Joint Forces Command (JFCOM) PEs that transitioned to the Joint Staff in FY2013 as a result of the JFCOM disestablishment. The following PEs will no longer be used after FY2015: 0604828J - Joint FIRES Integration and Interoperability Team (JFI), 0604787J - Joint Systems Integration Command (JSI), and 0607828J - Joint Integration and Interoperability (JII).

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

	FY 2014	FY 2015	FY 2016
Title: C5 Capability Development	-	-	7.079
FY 2016 Plans: Functionally manage and develop joint C4/Cyber (C5) Joint Capabilities Integration and Development System (JCIDS) requirements and capability development needs and serves as direct liaison between operational users and material developers throughout the capability lifecycle. Coordinate with warfighter community, to include multi-national and other mission partners, to identify common requirements and priorities and to identify on-going and planned partner materiel and non-materiel efforts to address similar/common needs and capability gaps. Integration actions include the continued development and implementation of Mission Partner Environment (MPE) capabilities framework. Develop and integrate data and services requirements, standards, technical specifications, and policy to support improved interoperability and information sharing with joint, mission partners and other U.S. Government departments and agencies. Develop architectures and conduct analysis for the Joint Information Environment (JIE), Warfighting Mission Area (WMA), mission threads, best practices, and JCIDS documents that enables interoperability and integration. Provide a WMA Federated Architecture sharing environment for the Combatant Commands, Services and DoD agencies ensuring access, integration, and reusability off architecture artifacts. Collaborate with USD for Acquisition, Technology, and Logistics (AT&L), DoD Chief Information Officer (CIO), Combatant Commands, Services, Agencies, interagency and multinational partners to address integration and interoperability with joint and multinational forces, and other U.S. Government departments and agencies.			
Accomplishments/Planned Programs Subtotals	-	-	7.079

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2016 The Joint Staff		Date: February 2015
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604826J / <i>Joint C5 Capability Development, Integration, and Interoperability Assessments</i>	Project (Number/Name) 002 / <i>C5 Capability Development</i>
C. Other Program Funding Summary (\$ in Millions) N/A		
Remarks		
D. Acquisition Strategy N/A		
E. Performance Metrics (1) Develop and deliver detailed FY2016 Joint command and control (C2) requirements via a minimum of six JCIDS-validated documents, to include: Capability Definition Packages and Capability Packages, articulating capability needs and supporting architectures and data needs in the mission areas of situational awareness/ common operational picture, force employment, planning and execution, security cooperation, cyber C2, and cross-functional capabilities for subsequent action by materiel developers and acquisition community. (2) Identify and develop FY2016 Joint C2 operational priorities, mapped to validated Joint C2 requirements, in order to obtain required Joint Requirements Oversight Council (JROC) Memorandum approvals for inclusion into DOD's Joint C2 FY2016 Sustainment and Modernization Plan. (3) Conduct Quarterly Configuration Control Board sessions to improve and increase information sharing via promulgation of one Domain content update. (4) As U.S. lead representative, improve and increase the level of mission partner interoperability and information sharing by leading two NATO Data Management Syndicate sessions. (5) On behalf of the DOD CIO, lead a minimum of six Enterprise Service and Data Panels (ESDP) with the goal to improve and increase the suitability and reusability of DOD Enterprise Services and Authoritative Data Sources. (6) Improve and increase the number of integrated architectures developed and analyzed for the WMA to include mission threads, joint command and control requirements, warfighting C2 capabilities, and mission partners, and ensure they are suitable to inform decision-makers and fully support warfighter capability development. (7) Improve and increase the number of federated Combatant Command, Service, and DOD Agency architecture products, to enable timely access and enable reusability by users to support capability acquisition, requirements generation, development and testing. (8) Validate up to 1500 JIE architecture documents to increase compliance with JIE architecture standards, metrics, and engineering design specifications across DOD.		

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2016 The Joint Staff		Date: February 2015
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604826J / <i>Joint C5 Capability Development, Integration, and Interoperability Assessments</i>	Project (Number/Name) 002 / <i>C5 Capability Development</i>
(9) Conduct 250 JCIDS and Information Support Plan (ISP) reviews during FY2016, with the goal to increase and improve Joint Requirements Oversight Council (JROC) validation process support.		
(10) Provide C4/Cyber Functional Capabilities Board Action Officer support for a minimum of seven programs of record during FY2016, with the goal to increase and improve JROC validation process support.		

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 The Joint Staff												Date: February 2015			
Appropriation/Budget Activity 0400 / 4						R-1 Program Element (Number/Name) PE 0604826J / <i>Joint C5 Capability Development, Integration, and Interoperability Assessments</i>						Project (Number/Name) 002 / <i>C5 Capability Development</i>			

Product Development (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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
C5 Capability Development - Contracts	C/FP	Various : Various	-	-		-		6.369		-		6.369	-	-	-
C5 Capability Development - MIPRs	MIPR	Various : Various	-	-		-		0.500		-		0.500	-	-	-
C5 Capability Development - Travel	TBD	Various : Various	-	-		-		0.200		-		0.200	-	-	-
Maintenance	C/CPFF	Various : Various	-	-		-		0.010		-		0.010	-	-	-
Subtotal			-	-		-		7.079		-		7.079	-	-	-

	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	-	-	7.079	-	7.079	-	-	-

Remarks

This is a new Program Element (PE) for FY2016 and consolidates legacy U. S. Joint Forces Command (JFCOM) PEs that transitioned to the Joint Staff in FY2013 as a result of the JFCOM disestablishment. The following PEs will no longer be used after FY2015: 0604828J - Joint FIRES Integration and Interoperability Team (JFII), 0604787J - Joint Systems Integration Command (JSI), and 0607828J - Joint Integration and Interoperability (JII).

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2016 The Joint Staff			Date: February 2015
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604826J / Joint C5 Capability Development, Integration, and Interoperability Assessments	Project (Number/Name) 002 / C5 Capability Development	

	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
	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
C5 Capability Development																												
C5 Capability Development																												

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2016 The Joint Staff			Date: February 2015
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604826J / <i>Joint C5 Capability Development, Integration, and Interoperability Assessments</i>	Project (Number/Name) 002 / <i>C5 Capability Development</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
C5 Capability Development				
C5 Capability Development	1	2016	4	2016

Note

To be developed.

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2016 The Joint Staff										Date: February 2015		
Appropriation/Budget Activity 0400 / 4					R-1 Program Element (Number/Name) PE 0604826J / <i>Joint C5 Capability Development, Integration, and Interoperability Assessments</i>				Project (Number/Name) 003 / <i>Joint Fires C2 Interoperability</i>			
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
003: <i>Joint Fires C2 Interoperability</i>	-	-	-	4.425	-	4.425	4.425	4.423	4.416	4.416	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Budget Item Justification Lead DoD's joint and combined mission areas of Joint Fires (JF), Joint Close Air Support (JCAS), Friendly Force Tracking (FFT), and Combat Identification (CID), interfacing directly with North Atlantic Treaty Organization (NATO) and coalition partners to resolve policy issues, and develop capability improvements for the joint warfighter to maximize combat effectiveness, and minimize fratricide and collateral damage.												
B. Accomplishments/Planned Programs (\$ in Millions)										FY 2014	FY 2015	FY 2016
Title: Joint Fires C2 Interoperability FY 2016 Plans: Lead interoperability efforts across DoD and partner nations at the operational and tactical level for mission partner operations, fire support, Combat Identification (CID), and Friendly Force Tracking (FFT) capabilities. Conduct Joint Fire Support (JFS)/ Joint Close Air Support (JCAS) and CID-FFT action plans to fulfill JROC-chartered, General Officer/Flag Officer (GOFO) level responsibilities. Conduct JFS Executive Steering Committee (ESC) standardization team accreditation visits to U.S. and partner nation schoolhouses to ensure Memorandum of Agreement (MOA) signatories are accomplishing schoolhouse training in compliance with the Memorandums. Execute Joint Staff-sponsored Bold Quest 2016 systems-of-systems interoperability assessment, including integration of Cyber capabilities with command and control of Conventional and Special Operations Force missions from a multinational perspective at the tactical level.										-	-	4.425
Accomplishments/Planned Programs Subtotals										-	-	4.425
C. Other Program Funding Summary (\$ in Millions) N/A Remarks D. Acquisition Strategy N/A												

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2016 The Joint Staff		Date: February 2015
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604826J / <i>Joint C5 Capability Development, Integration, and Interoperability Assessments</i>	Project (Number/Name) 003 / <i>Joint Fires C2 Interoperability</i>
E. Performance Metrics <p>(1) Lead development of situational awareness and cooperative/non-cooperative identification capabilities that enable U.S. and NATO/Coalition warfighters to identify friendly, enemy, and neutral forces for “shoot/don’t shoot” decisions.</p> <p>(2) Synchronize Service testing, acquisition and fielding of Mode 5 IFF capability, with focus on Full Operational Capability (FOC) in 2020. Monitor completion for Mode 5 Initial Operating Capability (IOC) from FY2014-2018. Monitor Service fielding progress of one hundred sixty-nine platform types.</p> <p>(3) Complete Definition Package for Block 2 of Digitally Aided Close Air Support (DACAS) coordinated implementation in conjunction with participating Service programs of record. Effort will enable over twenty U.S. and partner nation systems to be more interoperable in the CAS mission area.</p> <p>(4) Expand digital call-for-fire solution development to include enhanced multi-national interoperability with six partner nations.</p> <p>(5) Conduct Accreditation Assessments for fourteen of thirty current signatory schoolhouses (8 Joint Terminal Attack Controller (JTAC), 2 Forward Air Controller (Airborne), and 4 Joint Fires Observer (JFO) Schoolhouses).</p> <p>(6) Lead development and refinement of four U.S. and NATO joint fires-related doctrine and Tactics, Techniques, and Procedures (TTP) publications.</p> <p>(7) Lead planning, coordination and execution of two Bold Quest 2016 systems of systems interoperability assessment to facilitate U.S. and coalition integration.</p> <p>(8) Plan and conduct quarterly Joint Fire Support and Combat ID-Friendly Force Tracking Executive Steering Committee and working group meetings to address identified shortfalls in those mission areas.</p>		

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 The Joint Staff												Date: February 2015			
Appropriation/Budget Activity 0400 / 4						R-1 Program Element (Number/Name) PE 0604826J / Joint C5 Capability Development, Integration, and Interoperability Assessments						Project (Number/Name) 003 / Joint Fires C2 Interoperability			

Test and Evaluation (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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
Joint Fires C2 Interoperability - Contracts	C/FP	Various : Various	-	-		-		2.160		-		2.160	-	-	-
Joint Fires C2 Interoperability - MIPRs	MIPR	Various : Various	-	-		-		1.765		-		1.765	-	-	-
Joint Fires C2 Interoperability - Travel	TBD	Various : Various	-	-		-		0.500		-		0.500	-	-	-
Subtotal			-	-		-		4.425		-		4.425	-	-	-

	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	-	-	4.425	-	4.425	-	-	-

Remarks

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2016 The Joint Staff			Date: February 2015		
Appropriation/Budget Activity 0400 / 4		R-1 Program Element (Number/Name) PE 0604826J / Joint C5 Capability Development, Integration, and Interoperability Assessments			Project (Number/Name) 003 / Joint Fires C2 Interoperability

	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
	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
Joint Fires C2 Interoperability																												
Joint Fires C2 Interoperability																												

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2016 The Joint Staff		Date: February 2015
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604826J / <i>Joint C5 Capability Development, Integration, and Interoperability Assessments</i>	Project (Number/Name) 003 / <i>Joint Fires C2 Interoperability</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Joint Fires C2 Interoperability</i>				
Joint Fires C2 Interoperability	1	2016	4	2016

Note

To be developed.