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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Defense Information Systems Agency	Date: March 2014
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Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
0400: <i>Research, Development, Test & Evaluation, Defense-Wide / BA 7: Operational Systems Development</i>					PE 0303131K / <i>Minimum Essential Emergency Communications Network (MEECN)</i>							
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	94.899	18.129	13.144	12.671	-	12.671	13.323	13.019	13.193	13.145	Continuing	Continuing
T64: <i>Special Projects</i>	49.739	5.439	5.295	5.148	-	5.148	5.208	5.292	5.287	5.400	Continuing	Continuing
T70: <i>Strategic C3 Support</i>	45.160	12.690	7.849	7.523	-	7.523	8.115	7.727	7.906	7.745	Continuing	Continuing

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

A. Mission Description and Budget Item Justification

Minimum Essential Emergency Communications Network (MEECN) provides the Nuclear Command, Control, and Communications (NC3) engineer with plans and procedures; systems analysis; operational assessments; systems engineering; and development of concepts of operation and architectures. The NC3 System provides connectivity from the President and the Secretary of Defense through the National Military Command System to nuclear execution forces integral to fighting a "homeland-to-homeland," as well as theater nuclear war. MEECN includes the Emergency Action Message dissemination systems and those systems used for integrated Tactical Warning/Attack Assessment, presidential decision-making conferencing, force report back, re-targeting, force management, and requests for permission to use nuclear weapons. Efforts assure positive control of nuclear forces and connectivity between the Secretary of Defense, military forces, and an informed decision-making linkage between the President, the Secretary of Defense, and the Combatant Commands. MEECN ensures our national leadership has proper command and control of our forces during times of national emergency, up to and including nuclear war.

B. Program Change Summary (\$ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	12.931	13.144	13.301	-	13.301
Current President's Budget	18.129	13.144	12.671	-	12.671
Total Adjustments	5.198	-	-0.630	-	-0.630
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustment	5.198	-	-0.630	-	-0.630

Change Summary Explanation

The FY 2013 increase of +\$5.198 added to crypto-modernization upgrades that were required to ensure compatability with existing equipment within the POTUS transporters.

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Information Systems Agency										Date: March 2014																										
Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 0303131K / <i>Minimum Essential Emergency Communications Network (MEECN)</i>				Project (Number/Name) T64 / <i>Special Projects</i>																											
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T64: <i>Special Projects</i>	49.739	5.439	5.295	5.148	-	5.148	5.208	5.292	5.287	5.400	Continuing	Continuing																								
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-																										
<p># The FY 2015 OCO Request will be submitted at a later date.</p> <p>A. Mission Description and Budget Item Justification The mission is performing classified work. All aspects of this project are classified and require special access. Detailed information on this project is not contained in this document.</p> <p>B. Accomplishments/Planned Programs (\$ in Millions)</p> <table border="1"> <thead> <tr> <th></th> <th>FY 2013</th> <th>FY 2014</th> <th>FY 2015</th> </tr> </thead> <tbody> <tr> <td>Title: Special Projects</td> <td align="right">5.439</td> <td align="right">5.295</td> <td align="right">5.148</td> </tr> <tr> <td>FY 2013 Accomplishments: Classified.</td> <td></td> <td></td> <td></td> </tr> <tr> <td>FY 2014 Plans: Classified.</td> <td></td> <td></td> <td></td> </tr> <tr> <td>FY 2015 Plans: Classified.</td> <td></td> <td></td> <td></td> </tr> <tr> <td align="right">Accomplishments/Planned Programs Subtotals</td> <td align="right">5.439</td> <td align="right">5.295</td> <td align="right">5.148</td> </tr> </tbody> </table> <p>C. Other Program Funding Summary (\$ in Millions) N/A</p> <p>Remarks</p> <p>D. Acquisition Strategy Classified.</p> <p>E. Performance Metrics Classified.</p>														FY 2013	FY 2014	FY 2015	Title: Special Projects	5.439	5.295	5.148	FY 2013 Accomplishments: Classified.				FY 2014 Plans: Classified.				FY 2015 Plans: Classified.				Accomplishments/Planned Programs Subtotals	5.439	5.295	5.148
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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Defense Information Systems Agency												Date: March 2014		
Appropriation/Budget Activity 0400 / 7						R-1 Program Element (Number/Name) PE 0303131K / <i>Minimum Essential Emergency Communications Network (MEECN)</i>				Project (Number/Name) T64 / <i>Special Projects</i>				

Support (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Systems Engineering & Integration	C/CPFF	Verizon : Arlington, VA	49.739	5.439	Dec 2012	5.295	Dec 2013	5.148	Dec 2014	-		5.148	Continuing	Continuing	Continuing
Subtotal			49.739	5.439		5.295		5.148		-		5.148	-	-	-

	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	49.739	5.439	5.295	5.148	-	5.148	-	-	-

Remarks

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Information Systems Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 0303131K / Minimum Essential Emergency Communications Network (MEECN)				Project (Number/Name) T70 / Strategic C3 Support			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
T70: Strategic C3 Support	45.160	12.690	7.849	7.523	-	7.523	8.115	7.727	7.906	7.745	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

A. Mission Description and Budget Item Justification

This project supports the mission of the Nuclear Command, Control, and Communications (NC3) Systems Engineer to the Joint Staff and Executive Leadership. It also provides NC3 expertise to the Department of Defense (DoD) Chief Information Officer (CIO) National Leadership Command Capability (NLCC) Management Office. Systems Analysis supports long range planning and vulnerability assessments to ensure the NC3 System is adequate under all conditions of stress or war and recommends investment strategies to evolve the Nuclear Command and Control System to achieve desired capabilities. Operational Assessments of fielded systems and weapon platforms provides the sole means for verification of NC3 systems' performance in support of plans and procedures, operation orders, training, equipment, and end-to-end system configuration. Assessments provide strategic and theater level C3 interfaces into the NC3 System. Supporting efforts assure positive control of nuclear forces and connectivity between the Secretary of Defense and strategic and theater forces. Systems Engineering provides the Senior Leadership C3 System with technical and management advice, planning and engineering support, and Test & Evaluation. Leading Edge Command, Control, Communications, Computers, and Intelligence technology is assessed for all communication platforms supporting executive travelers and senior leaders to include the interoperability of hardware and operational procedures. These technology elements support the President's and other DoD command centers and aircraft (e.g., Air Force One and the National Airborne Operations Center).

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

	FY 2013	FY 2014	FY 2015
Title: Systems Analysis	4.455	2.758	3.432
FY 2013 Accomplishments: Updated the Program Tracking Report, NC3 Architecture Diagrams and NC3 Scenarios document; and finished production of the NC3 Electronic Warfare Assessment report. Supported engineering, documenting, and assessing the current NC3 architectures and vulnerabilities; further expanded the NC3 future architecture; enhanced the NC3 roadmap; and continued engineering of communication and technology improvements for the NC3 system.			
FY 2014 Plans: Continue to update the Program Tracking Report, NC3 Architecture Diagrams and NC3 Scenarios document. Also continue to support engineering, documenting, and assessing the current NC3 architectures and vulnerabilities; further expanding the NC3 future architecture; enhancing the NC3 roadmap; and continued engineering of communication and technology improvements for the NC3 system.			

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014
<p>The decrease of -\$1.697 from FY 2013 to FY 2014 will result in less enhancements of the NC3 future architecture to integrate NC3 with other systems supporting the National Leadership Command Capability (NLCC) in support of the mission of the Joint Systems Engineering and Integration Office (JSEIO).</p> <p>FY 2015 Plans: Will continue updates for the Program Tracking Report, NC3 Architecture Diagrams and NC3 Scenarios document. Will also continue to support engineering, documenting, and assessing the current NC3 architectures and vulnerabilities; further expanding the NC3 future architecture; and support the mission of the Joint Systems Engineering and Integration Office (JSEIO).</p> <p>The increase of +\$0.674 from FY 2014 to FY 2015 will continue the enhancement and integration of the NC3 capabilities with other systems supporting the NLCC in support of the mission of the JSEIO.</p>			
<p>Title: Operational Assessments</p> <p>FY 2013 Accomplishments: Continued the planning and executing of recurring operational assessments of the NC3 system.</p> <p>FY 2014 Plans: Continue the planning and executing of recurring operational assessments of the NC3 system.</p> <p>The decrease of -\$2.105 from FY 2013 to FY 2014 is due to a decrease in the number and detail of assessments.</p> <p>FY 2015 Plans: Will continue the planning and executing of recurring operational assessments of the NC3 system.</p>		5.447	3.342
<p>Title: Systems Engineering</p> <p>FY 2013 Accomplishments: Continued the development of the NLCC Enterprise Model to support Office of the Secretary of Defense (OSD) requirements, and engineering for airborne command centers and other aircraft.</p> <p>FY 2014 Plans: Will enhance engineering activities for airborne command centers and development of the SLC3S System Description document.</p> <p>The decrease of -\$1.039 from FY 2013 to FY 2014 will reduce development of the NLCC Enterprise Model.</p> <p>FY 2015 Plans:</p>		2.788	0.749

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

	FY 2013	FY 2014	FY 2015
Will continue to provide engineering for airborne command centers and other aircraft and development of the SLC3S System Description.			
The decrease of -\$1.000 from FY 2014 to FY 2015 impacts the ability to perform the required support for long range planning and vulnerability assessments that ensure NC3 capabilities adequately meet continuously evolving minimal performance requirements for Senior decision makers (e.g., President, DoD command centers, aircraft (e.g., Air Force One and the National Airborne Operations Center) and other C2 platforms). In addition, development of engineering and architecture analysis/recommendations to support strategic and theater level C3 interfaces/infrastructure that ensures positive control of nuclear forces.			
Accomplishments/Planned Programs Subtotals	12.690	7.849	7.523

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

Line Item	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
• O&M, DW/PE 0303131K: O&M, DW	11.050	14.892	10.074	-	10.074	10.248	10.311	10.681	-	Continuing	Continuing

Remarks

D. Acquisition Strategy

Full and open competition resulted in contract vehicles with Raytheon, Arlington, VA; Science Applications Int'l Corporation (SAIC), McLean, VA; and Pragmatics, Mclean, VA.

E. Performance Metrics

Performance is measured by compliance with contract deliverables schedules for specifically included products, such as: operational assessment plans, operational reports; revisions to the EAP-CJCS Volumes VI and VII; NC3 System Description documents, and Nuclear C3 Architecture Diagrams. In addition, performance of the Nuclear C3 System is directly measured by the operational assessments funded by this program element. These periodic assessments evaluate the connectivity used for the five functions of Nuclear command and control: Situation Monitoring, Planning, Decision Making, Force Execution, and Force Management. Assessment results are used by the Joint Staff to direct changes in system engineering and integration, programmatic execution, and training.

Specific performance metrics include the following:

Provide engineering products in all task areas that satisfy DoD/CIO and Joint Staff needs within allocated resources 90% of the time.

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<p>Conduct assessments of the NC3 system and the SLC3S that provide actionable results and recommendations for the Joint Staff and DoD/CIO to pursue improvements to these capabilities 90% of the time.</p> <p>During FY 2013 MEECN meet these two specific performance metrics by achieving a sucess rate of 100%.</p>		

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Support (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Systems Engineering 1	C/CPAF	SAIC : McLean, VA	7.609	4.455	Aug 2013	2.758	Aug 2014	2.432	Aug 2015	-		2.432	Continuing	Continuing	Continuing
Systems Engineering 2	C/CPAF	Raytheon Company : Arlington, VA	20.176	5.447	Feb 2013	3.342	Feb 2014	3.342	Feb 2015	-		3.342	Continuing	Continuing	Continuing
Systems Engineering 3	C/CPFF	Pragmatics : McLean, VA	7.450	1.620	Nov 2012	1.010	Nov 2013	-		-		-	-	10.080	10.080
Systems Engineering 4	C/FP	Raytheon Company : Arlington, VA	3.152	1.168	Feb 2013	0.739	Aug 2014	1.749	Feb 2015	-		1.749	Continuing	Continuing	Continuing
Systems Engineering 5	C/CPFF	BAH : Falls Church, VA	4.273	-		-		-		-		-	-	4.273	4.2.73
Systems Engineering 6	C/CPFF	Harris Corporation : Melbourne, FL	2.500	-		-		-		-		-	-	2.500	2.500
Subtotal			45.160	12.690		7.849		7.523		-		7.523	-	-	-
			Prior Years	FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			45.160	12.690		7.849		7.523		-		7.523	-	-	-
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Defense Information Systems Agency			Date: March 2014
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	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019			
	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
NC3 Program Tracking Report																												
Systems Analysis Documents																												
NC3 Architecture																												
Operational Assessment																												
NLCC Enterprise Model																												
Aircraft/Command Center Engineering																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2015 Defense Information Systems Agency			Date: March 2014
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0303131K / <i>Minimum Essential Emergency Communications Network (MEECN)</i>	Project (Number/Name) T70 / <i>Strategic C3 Support</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
NC3 Program Tracking Report	2	2013	3	2018
Systems Analysis Documents	1	2013	4	2018
NC3 Architecture	1	2013	4	2018
Operational Assessment	1	2013	4	2018
NLCC Enterprise Model	1	2013	3	2013
Aircraft/Command Center Engineering	1	2013	4	2018