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<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2013 Defense Information Systems Agency	<b>DATE:</b> February 2012
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<b>APPROPRIATION/BUDGET ACTIVITY</b>				<b>R-1 ITEM NOMENCLATURE</b>							
0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>				PE 0303131K: <i>Minimum Essential Emergency Communications Network (MEECN)</i>							
<b>COST (\$ in Millions)</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013 Base</b>	<b>FY 2013 OCO</b>	<b>FY 2013 Total</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
Total Program Element	10.640	12.514	12.931	-	12.931	13.284	13.448	13.448	13.602	Continuing	Continuing
T64: <i>Special Projects</i>	4.800	5.170	5.251	-	5.251	5.435	5.523	5.524	5.592	Continuing	Continuing
T70: <i>Strategic C3 Support</i>	5.840	7.344	7.680	-	7.680	7.849	7.925	7.924	8.010	Continuing	Continuing

**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 (NMCS) to nuclear execution forces integral to fighting a "homeland-to-homeland," as well as theater nuclear war. MEECN includes the Emergency Action Message (EAM) dissemination systems and those systems used for integrated Tactical Warning/Attack Assessment (TW/AA), 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, strategic and theater 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. Reduction or elimination of funding would seriously degrade DISA's ability to perform the systems engineering functions supporting the maintenance and evolution of MEECN. DISA would not be able to provide nuclear C3 planning assistance to the Joint Staff, nor perform assessments of the nuclear C3 system.

<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013 Base</b>	<b>FY 2013 OCO</b>	<b>FY 2013 Total</b>
Previous President's Budget	9.529	12.514	12.799	-	12.799
Current President's Budget	10.640	12.514	12.931	-	12.931
Total Adjustments	1.111	-	0.132	-	0.132
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustment	1.111	-	0.132	-	0.132

**Change Summary Explanation**

The FY 2011 increase of +\$1.111 provides for increased NC3 operational assessments, future architecture and crypto modernization efforts.

The FY 2013 increase of +\$0.132 also provides for increased NC3 operational assessments, future architecture and crypto modernization efforts.

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2013 Defense Information Systems Agency	<b>DATE:</b> February 2012
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APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE				PROJECT			
0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>				PE 0303131K: <i>Minimum Essential Emergency Communications Network (MEECN)</i>				T64: <i>Special Projects</i>			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
T64: <i>Special Projects</i>	4.800	5.170	5.251	-	5.251	5.435	5.523	5.524	5.592	Continuing	Continuing
Quantity of RDT&E Articles											

**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.

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

	FY 2011	FY 2012	FY 2013
<b>Title:</b> Special Projects	4.800	5.170	5.251
<b>FY 2011 Accomplishments:</b> Classified.			
<b>FY 2012 Plans:</b> Classified.			
<b>FY 2013 Plans:</b> Classified.			
<b>Accomplishments/Planned Programs Subtotals</b>	4.800	5.170	5.251

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

N/A

**D. Acquisition Strategy**

Classified.

**E. Performance Metrics**

Classified.

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2013 Defense Information Systems Agency											<b>DATE:</b> February 2012		
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>				<b>R-1 ITEM NOMENCLATURE</b> PE 0303131K: <i>Minimum Essential Emergency Communications Network (MEECN)</i>				<b>PROJECT</b> T64: <i>Special Projects</i>					

  

<b>Support (\$ in Millions)</b>				<b>FY 2012</b>		<b>FY 2013 Base</b>		<b>FY 2013 OCO</b>		<b>FY 2013 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Total Prior Years Cost</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Systems Engineering & Integration	C/CPFF	Verizon:Arlington, VA	44.739	5.170	Dec 2011	5.251	Dec 2012	-		5.251	Continuing	Continuing	Continuing
<b>Subtotal</b>			44.739	5.170		5.251		-		5.251			

  

	<b>Total Prior Years Cost</b>	<b>FY 2012</b>		<b>FY 2013 Base</b>		<b>FY 2013 OCO</b>		<b>FY 2013 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Project Cost Totals</b>	44.739	5.170		5.251		-		5.251			

  

**Remarks**

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2013 Defense Information Systems Agency	<b>DATE:</b> February 2012
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APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE				PROJECT			
0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>				PE 0303131K: <i>Minimum Essential Emergency Communications Network (MEECN)</i>				T70: <i>Strategic C3 Support</i>			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
T70: <i>Strategic C3 Support</i>	5.840	7.344	7.680	-	7.680	7.849	7.925	7.924	8.010	Continuing	Continuing
Quantity of RDT&E Articles											

**A. Mission Description and Budget Item Justification**

This project supports the mission of the NC3 Systems Engineer to the Joint Staff and provides Executive Leadership and NC3 support for 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 Nuclear C3 System is adequate under all conditions of stress or war and recommends investment strategies to evolve the Nuclear Command and Control System (NCCS) to achieve desired capabilities. Operational Assessments of fielded systems and weapon platforms provides the sole means for verification of nuclear C3 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 nuclear C3 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 (SLC3S) with technical and management advice, planning and engineering support, and Test & Evaluation (T&E). Leading Edge Command, Control, Communications, Computers, and Intelligence (C4I) technology is assessed for all communication platforms supporting Executive Travelers and Senior Leaders to include the interoperability of hardware and operational procedures. These elements support the President's and other DoD command centers and aircraft (e.g., Air Force One and the National Airborne Operations Center (NAOC)). Reduction or elimination of funding would seriously degrade DISA's ability to perform the systems engineering functions supporting the maintenance and evolution of MEECN. DISA would not be able to provide nuclear C3 planning assistance to the Joint Staff or NII, nor perform assessments of the nuclear C3 system.

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

	FY 2011	FY 2012	FY 2013
<b>Title:</b> Systems Analysis	1.244	2.360	2.696
<b>FY 2011 Accomplishments:</b> Funded updates to the Program Tracking Report, and the NC3 Architecture Diagrams and Scenarios document; and additional development of the NC3 future architecture.			
<b>FY 2012 Plans:</b> Funding will update the Program Tracking Report, NC3 Architecture Diagrams and NC3 Scenarios document; and initiate updates of the NC3 Electronic Warfare Assessment report. In addition, funding will support engineering, documenting, and assessing the current NC3 architectures and vulnerabilities; update the NC3 future architecture; develop NC3 roadmap; and engineer communication and technology improvements for the NC3 system.			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2013 Defense Information Systems Agency		<b>DATE:</b> February 2012		
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0303131K: <i>Minimum Essential Emergency Communications Network (MEECN)</i>	<b>PROJECT</b> T70: <i>Strategic C3 Support</i>		
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013</b>
<p>The increase between FY 2011 and FY 2012 of +\$1.116 is due to an increase in systems analysis and expansion of the future NC3 architecture in support of the evolution of the Defense and National Leadership Command Capability (DNLCC).</p> <p><b>FY 2013 Plans:</b> Funding will provide contracts to update the Program Tracking Report, NC3 Architecture Diagrams and NC3 Scenarios document; and finish production of the NC3 Electronic Warfare Assessment report. Additionally, funding will 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.</p> <p>The increase between FY 2012 and FY 2013 of +\$0.336 is due to an increase in NC3 architecture support for DNLCC.</p>				
<p><b>Title:</b> Operational Assessments</p> <p><b>FY 2011 Accomplishments:</b> Funding provided continued planning and conduct of recurring NC3 operational assessments.</p> <p><b>FY 2012 Plans:</b> Funding provides planning, executing, analyzing and reporting on annually recurring operational assessments of the NC3 system.</p> <p>The increase between FY 2011 and FY 2012 of +\$0.412 is due to an increase in the scope of NC3 operational assessments provided to the Joint Staff.</p> <p><b>FY 2013 Plans:</b> Funding will continue the planning and executing of recurring operational assessments of the NC3 system.</p> <p>Reduction or elimination of funding would seriously degrade DISA's ability to perform the systems engineering functions supporting the maintenance and evolution of MEECN. DISA would not be able to provide nuclear C3 planning assistance to the Joint Staff, nor perform assessments of the nuclear C3 system.</p>		2.885	3.297	3.297
<p><b>Title:</b> Systems Engineering</p> <p><b>FY 2011 Accomplishments:</b> Funding continued the development of the decision support tool and its evolution into the National Leadership Command Capability (NLCC) Enterprise Model, and engineering support for airborne systems and command centers.</p> <p><b>FY 2012 Plans:</b> Funding expands the NLCC Enterprise Model and continues engineering for airborne command centers and other aircraft.</p>		1.711	1.687	1.687

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2013 Defense Information Systems Agency							<b>DATE:</b> February 2012				
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>			<b>R-1 ITEM NOMENCLATURE</b> PE 0303131K: <i>Minimum Essential Emergency Communications Network (MEECN)</i>			<b>PROJECT</b> T70: <i>Strategic C3 Support</i>					
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>							<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013</b>		
The decrease between FY 2011 and FY 2012 of -\$0.024 is due to reduced requirements for support to airborne systems and command centers.											
<b>FY 2013 Plans:</b> Funding will continue the development of the NLCC Enterprise Model to support OSD requirements, and continue engineering for airborne command centers and other aircraft.											
<b>Accomplishments/Planned Programs Subtotals</b>							5.840	7.344	7.680		
<b>C. Other Program Funding Summary (\$ in Millions)</b>											
<b>Line Item</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013 Base</b>	<b>FY 2013 OCO</b>	<b>FY 2013 Total</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
• O&M, DW/PE 0303131K: O&M, DW	9.611	9.377	11.050	0.000	11.050	9.473	9.898	10.183	10.356	Continuing	Continuing
<b>D. Acquisition Strategy</b> Full and open competition resulted in contract vehicles with Raytheon, Arlington, VA; Science Applications Int'l Corporation (SAIC), McLean, VA; SRA International, Fairfax, VA; Pragmatics, Mclean, VA; and Booz Allen & Hamilton (BAH), Falls Church, VA.											
<b>E. Performance Metrics</b> 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; Nuclear C3 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 NC2: 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.											

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**Exhibit R-3, RDT&E Project Cost Analysis:** PB 2013 Defense Information Systems Agency **DATE:** February 2012

<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: Research, Development, Test & Evaluation, Defense-Wide BA 7: Operational Systems Development	<b>R-1 ITEM NOMENCLATURE</b> PE 0303131K: Minimum Essential Emergency Communications Network (MEECN)	<b>PROJECT</b> T70: Strategic C3 Support
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Support (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	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	4.999	2.360	Feb 2012	2.696	Feb 2013	-		2.696	Continuing	Continuing	Continuing
Systems Engineering 2	C/CPAF	Raytheon Company :Arlington, VA	16.879	3.297	Feb 2012	3.297	Feb 2013	-		3.297	Continuing	Continuing	Continuing
Systems Engineering 3	C/CPFF	Pragmatics:McLean, VA	6.468	0.981	Nov 2011	0.981	Nov 2012	-		0.981	Continuing	Continuing	Continuing
Systems Engineering 4	C/FP	Raytheon Company:Arlington, VA	2.527	0.426	Aug 2012	0.426	Aug 2013	-		0.426	Continuing	Continuing	Continuing
Systems Engineering 5	C/CPFF	Booz, Allen & Hamilton:Falls Church, VA	4.273	0.280	Nov 2011	0.280	Nov 2012	-		0.280	Continuing	Continuing	Continuing
<b>Subtotal</b>			35.146	7.344		7.680		-		7.680			
<b>Project Cost Totals</b>			35.146	7.344		7.680		-		7.680			

**Remarks**

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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2013 Defense Information Systems Agency										<b>DATE:</b> February 2012			
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>					<b>R-1 ITEM NOMENCLATURE</b> PE 0303131K: <i>Minimum Essential Emergency Communications Network (MEECN)</i>					<b>PROJECT</b> T70: <i>Strategic C3 Support</i>			

	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017			
	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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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2013 Defense Information Systems Agency			<b>DATE:</b> February 2012
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0303131K: <i>Minimum Essential Emergency Communications Network (MEECN)</i>	<b>PROJECT</b> T70: <i>Strategic C3 Support</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
NC3 Program Tracking Report	2	2011	3	2017
Systems Analysis Documents	1	2011	4	2017
NC3 Architecture	1	2011	4	2017
Operational Assessment	1	2011	4	2017
NLCC Enterprise Model	1	2011	4	2017
Aircraft/Command Center Engineering	1	2011	4	2017

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