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Exhibit R-2, RDT&E Budget Item Justification: PB 2012 Army **DATE:** February 2011

APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
2040: <i>Research, Development, Test & Evaluation, Army</i> BA 7: <i>Operational Systems Development</i>				PE 0303028A: <i>Security and Intelligence Activities</i>							
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
Total Program Element	17.348	-	2.854	-	2.854	2.739	2.540	2.219	1.792	Continuing	Continuing
H13: <i>INFORMATION DOMINANCE CENTER (IDC) - TIARA</i>	17.348	-	2.854	-	2.854	2.739	2.540	2.219	1.792	Continuing	Continuing

Note

Not applicable for this item.

A. Mission Description and Budget Item Justification

INSCOM's RDTE program provides the Army with low-density, high-demand, extremely advanced offensive cyberspace technologies designed to degrade, deny, disrupt, or destroy adversary C4I and shape the operational warfighting environment in order to create conditions favorable to the application of other elements of national power.

Justification: INSCOM conducts RDTE of offensive Cyberspace technologies in direct support of the full range of missions called for in the National Defense Strategy, Comprehensive National Cyber-Security Initiative, National Security Strategy, National Defense Guidance, NSPD-38, NSPD-54 and HSPD-23.

<u>B. Program Change Summary (\$ in Millions)</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012 Base</u>	<u>FY 2012 OCO</u>	<u>FY 2012 Total</u>
Previous President's Budget	9.777	-	-	-	-
Current President's Budget	17.348	-	2.854	-	2.854
Total Adjustments	7.571	-	2.854	-	2.854
• Congressional General Reductions		-			
• Congressional Directed Reductions		-			
• Congressional Rescissions	-	-			
• Congressional Adds		-			
• Congressional Directed Transfers		-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-2.392	-	-	-	-
• Other Adjustments 1	9.963	-	2.854	-	2.854

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Army								DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0303028A: Security and Intelligence Activities				PROJECT H13: INFORMATION DOMINANCE CENTER (IDC) - TIARA			
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
H13: INFORMATION DOMINANCE CENTER (IDC) - TIARA	17.348	-	2.854	-	2.854	2.739	2.540	2.219	1.792	Continuing	Continuing
Quantity of RDT&E Articles											
A. Mission Description and Budget Item Justification											
INSCOM's RDTE program provides the Army with low-density, high-demand, extremely advanced offensive cyberspace technologies designed to degrade, deny, disrupt, or destroy adversary C4I and shape the operational warfighting environment in order to create conditions favorable to the application of other elements of national power.											
Justification: INSCOM conducts RDTE of offensive Cyberspace technologies in direct support of the full range of missions called for in the National Defense Strategy, Comprehensive National Cyber-Security Initiative, National Security Strategy, National Defense Guidance, NSPD-38, NSPD-54 and HSPD-23.											
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2010	FY 2011	FY 2012	
Title: Cyberspace technologies Articles: Description: INSCOM's RDTE program provides the Army with low-density, high-demand, extremely advanced offensive cyberspace technologies designed to degrade, deny, disrupt, or destroy adversary C4I and shape the operational warfighting environment in order to create conditions favorable to the application of other elements of national power. FY 2010 Accomplishments: Utilized to support cyberspace technologies designed to degrade, deny, disrupt, or destroy adversary C4I and shape the operational warfighting environment in order to create conditions favorable to the application of other elements of national power. FY 2012 Plans: Utilized to support cyberspace technologies designed to degrade, deny, disrupt, or destroy adversary C4I and shape the operational warfighting environment in order to create conditions favorable to the application of other elements of national power. Supports the conduct of offensive Cyberspace technologies in direct support of the full range of missions called for in the National Defense Strategy, Comprehensive National Cyber-Security Initiative, National Security Strategy, National Defense Guidance, NSPD-38, NSPD-54 and HSPD-23.								17.348	-	2.854	
								0			
Accomplishments/Planned Programs Subtotals								17.348	-	2.854	

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Army		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0303028A: <i>Security and Intelligence Activities</i>	PROJECT H13: <i>INFORMATION DOMINANCE CENTER (IDC) - TIARA</i>
C. Other Program Funding Summary (\$ in Millions) N/A		
D. Acquisition Strategy N/A		
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 2012 Army											DATE: February 2011		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 7: <i>Operational Systems Development</i>				R-1 ITEM NOMENCLATURE PE 0303028A: <i>Security and Intelligence Activities</i>				PROJECT H13: <i>INFORMATION DOMINANCE CENTER (IDC) - TIARA</i>					

Product Development (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 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
Mobile Objects/PHAEDRUS	Various	TBD:TBD	-	-		2.854		-		2.854	Continuing	Continuing	Continuing
Subtotal			-	-		2.854		-		2.854			

Remarks

FY08 and FY09: Congressional Adds: Mobile Objects/PHAEDRUS to develop an analytical tool that leverages the value of merging structured and unstructured data into a consolidated result set providing the analyst with: 1.) a faster query and retrieval process, 2) a more comprehensive view of both types of data, and 3) enhanced situational awareness. This effort supports the development of a system that will help increase the user's recall (ability to extract relevant information) from disparaging sources and then process it to improve their understanding of the collected data.

FY10-11: Global Horizontal Integration (GHI) is a multi-phased Department of Defense Joint experiment, led by the Army, to build a capability for real-time fusion of multi-discipline and coalition intelligence available from tactical, operational, combined, and national levels. GHI and the Information Dominance Center are complementary programs, with GHI applying IDC capabilities to Joint and Coalition environments.

	Total Prior Years Cost	FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	-		2.854		-		2.854			

Remarks