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Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Army										Date: February 2015		
Appropriation/Budget Activity 2040: Research, Development, Test & Evaluation, Army I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0607140A I Emerging Technologies from NIE							
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	-	-	4.916	2.481	-	2.481	2.506	2.532	2.559	2.584	-	17.578
ES7: Emerging Technologies from NIE	-	-	4.916	2.481	-	2.481	2.506	2.532	2.559	2.584	-	17.578

**Note**

Congressional Directed Transfer: Funding and Requirements were transferred from PE 0203758 Project EC8 to this newly established Program Element.

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

Emerging Technologies from NIE supports the Army's Equipment Modernization Strategy, Army Force Generation (ARFORGEN) and consolidates capabilities to gain efficiencies. IAW the National Defense Authorization Act 804 and support of OSD's reports to Congress, the Army is poised to implement the "Agile Business Process" that will result in an iterative and incremental approach to software development and hardware/software capability integration. This process will improve effectiveness in the identification, assessment and acquisition of capability solutions for the Army.

<b><u>B. Program Change Summary (\$ in Millions)</u></b>	<b><u>FY 2014</u></b>	<b><u>FY 2015</u></b>	<b><u>FY 2016 Base</u></b>	<b><u>FY 2016 OCO</u></b>	<b><u>FY 2016 Total</u></b>
Previous President's Budget	-	-	-	-	-
Current President's Budget	-	4.916	2.481	-	2.481
Total Adjustments	-	4.916	2.481	-	2.481
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments 1	-	4.916	2.481	-	2.481

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Army										Date: February 2015		
Appropriation/Budget Activity 2040 / 7					R-1 Program Element (Number/Name) PE 0607140A / Emerging Technologies from NIE				Project (Number/Name) ES7 / Emerging Technologies from NIE			
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
ES7: Emerging Technologies from NIE	-	-	4.916	2.481	-	2.481	2.506	2.532	2.559	2.584	-	17.578
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
Note Not applicable for this item.												
A. Mission Description and Budget Item Justification As a result of the language that was incorporated into the Senate Report 112-196 that accompanied the Department of Defense Appropriations Bill 2013, House Report 5856, Project EC8 "Emerging Technologies from NIE's was established under PE 0203758A "Digitization" specifically for the transition of promising technologies from NIEs to the field, particularly those developed by nontraditional vendors. Congressional Directed Transfer in 2014: Funding and Requirements were transferred from PE 02037558 Project EC8 to this newly established Project under PE 06047140. Program control will be exercised by review of individual projects and approval by Army Gatekeepers, much like the Network Integration Evaluation (NIE) Program (PE 0604798A).												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2014	FY 2015	FY 2016	
Title: Emerging Technologies from NIEs									-	4.916	2.481	
Description: To mature, test, integrate and evaluate traditional and nontraditional small business and industry's technologies.												
FY 2015 Plans: These funds will be used to mature, test, and integrate small business and industry technologies that are demonstrated and evaluated during various NIE Events. This includes improvements of technologies from previous NIEs that will be then evaluated and baselined at a NIE for fielding in a Capability Set (CS). The technologies that will benefit from these funds for further development are dependent upon the Gatekeeper's approval. These funds will affect technologies from NIE 15.1, (2 QTR FY15), NIE 15.2 (4QTR FY15) and/or NIE 16.1 (2QTR FY16).												
FY 2016 Plans: These funds will be used to mature, test, and integrate small business and industry technologies that are demonstrated and evaluated during various NIE Events. This includes improvements of technologies from previous NIEs that will be then evaluated and baselined at a NIE for fielding in a Capability Set (CS). The technologies that will benefit from these funds for further												

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2016 Army		<b>Date:</b> February 2015		
<b>Appropriation/Budget Activity</b> 2040 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0607140A / <i>Emerging Technologies from NIE</i>	<b>Project (Number/Name)</b> ES7 / <i>Emerging Technologies from NIE</i>		
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>
development are dependent upon the Gatekeeper's approval. These funds will affect technologies from NIE 16.1, (2 QTR FY16), NIE 16.2 (4QTR FY16) and/or NIE 17.1 (2QTR FY17).				
<b>Accomplishments/Planned Programs Subtotals</b>		-	4.916	2.481
<b>C. Other Program Funding Summary (\$ in Millions)</b> N/A <b>Remarks</b> This is the only project within this Program Element. <b>D. Acquisition Strategy</b> Technologies will be selected dependent upon the Gatekeeper's approval. <b>E. Performance Metrics</b> N/A				

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2016 Army												<b>Date:</b> February 2015			
<b>Appropriation/Budget Activity</b> 2040 / 7						<b>R-1 Program Element (Number/Name)</b> PE 0607140A / <i>Emerging Technologies from NIE</i>				<b>Project (Number/Name)</b> ES7 / <i>Emerging Technologies from NIE</i>					

  

<b>Product Development (\$ in Millions)</b>				<b>FY 2014</b>		<b>FY 2015</b>		<b>FY 2016 Base</b>		<b>FY 2016 OCO</b>		<b>FY 2016 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</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>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Emerging Technologies from NIEs	TBD	Various Locations : -	0.000	-		4.916		2.481		-		2.481	-	7.397	-
<b>Subtotal</b>			0.000	-		4.916		2.481		-		2.481	-	7.397	-

  

	<b>Prior Years</b>	<b>FY 2014</b>		<b>FY 2015</b>		<b>FY 2016 Base</b>		<b>FY 2016 OCO</b>		<b>FY 2016 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Project Cost Totals</b>	0.000	-		4.916		2.481		-		2.481	-	7.397	-

  

**Remarks**

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Exhibit R-4, RDT&E Schedule Profile: PB 2016 Army																Date: February 2015																
Appropriation/Budget Activity 2040 / 7								R-1 Program Element (Number/Name) PE 0607140A / Emerging Technologies from NIE								Project (Number/Name) ES7 / Emerging Technologies from NIE																
Event Name	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				
NIE 15.1 Planning - Execution																																

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Exhibit R-4A, RDT&E Schedule Details: PB 2016 Army		Date: February 2015
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0607140A / Emerging Technologies from NIE	Project (Number/Name) ES7 / Emerging Technologies from NIE

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
NIE 15.1 Planning - Execution	3	2013	1	2015