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Exhibit R-2, RDT&E Budget Item Justification: PB 2020 Army										Date: March 2019		
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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	Cost To Complete	Total Cost
Total Program Element	-	26.112	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	26.112
ES7: Emerging Technologies from NIE	-	26.112	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	26.112

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

Emerging Technologies from Network Integration Evaluation (NIE) supports the Army's Equipment Modernization Strategy, Army Force Generation (ARFORGEN) cycle and consolidates capabilities to gain efficiencies. These funds provide for an iterative and incremental approach to software development and hardware/software integration as a result of NIEs and Joint Warfighter Assessments (JWA). These funds promote industry's efforts to support the Army's Modernization Plan for Force 2025 and beyond. These funds will facilitate the identification, assessment and acquisition of capability solutions for the Army.

<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020 Base</b>	<b>FY 2020 OCO</b>	<b>FY 2020 Total</b>
Previous President's Budget	1.023	0.000	0.000	-	0.000
Current President's Budget	26.112	0.000	0.000	-	0.000
Total Adjustments	25.089	0.000	0.000	-	0.000
• Congressional General Reductions	-0.001	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	25.130	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.040	-			

**Congressional Add Details (\$ in Millions, and Includes General Reductions)**

**Project:** ES7: Emerging Technologies from NIE

Congressional Add: Emerging Technologies from NIEs - RCO

	<b>FY 2018</b>	<b>FY 2019</b>
	25.130	-
Congressional Add Subtotals for Project: ES7	25.130	-
Congressional Add Totals for all Projects	25.130	-

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2020 Army										<b>Date:</b> March 2019		
<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>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020 Base</b>	<b>FY 2020 OCO</b>	<b>FY 2020 Total</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
ES7: <i>Emerging Technologies from NIE</i>	-	26.112	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	26.112
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**A. Mission Description and Budget Item Justification**  
 Emerging Technologies from Network Integration Evaluation (NIE) supports the Army's Equipment Modernization Strategy, Army Force Generation (ARFORGEN) cycle and consolidates capabilities to gain efficiencies. These funds provide for an iterative and incremental approach to software development and hardware/software integration as a result of NIEs and Army Warfighting Assessments (AWA). These funds promote industry's efforts to support the Army's Modernization Plan for Force 2025 and beyond. These funds will facilitate the identification, assessment and acquisition of capability solutions for the Army.

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>
<b>Title:</b> Emerging Technologies from NIEs	0.982	-	-
<b>Description:</b> To mature, test, integrate and evaluate traditional and nontraditional small business and industry's technologies.			
<b>Accomplishments/Planned Programs Subtotals</b>	0.982	-	-

	<b>FY 2018</b>	<b>FY 2019</b>
<b>Congressional Add:</b> Emerging Technologies from NIEs - RCO	25.130	-
<b>FY 2018 Accomplishments:</b> Emerging Technologies from NIEs - RCO		
<b>Congressional Adds Subtotals</b>	25.130	-

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

**Remarks**

**D. Acquisition Strategy**  
 N/A

**E. Performance Metrics**  
 N/A

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2020 Army												<b>Date:</b> March 2019			
<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 2018</b>		<b>FY 2019</b>		<b>FY 2020 Base</b>		<b>FY 2020 OCO</b>		<b>FY 2020 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>Award Date</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Emerging Technologies from NIEs	TBD	Various Locations : -	9.577	26.112		-		-		-		-		0.000	35.689	-
<b>Subtotal</b>			9.577	26.112		-		-		-		-		0.000	35.689	N/A

  

	<b>Prior Years</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020 Base</b>	<b>FY 2020 OCO</b>	<b>FY 2020 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Project Cost Totals</b>	9.577	26.112	0.000	-	-	-	0.000	35.689	N/A

  

**Remarks**

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Exhibit R-4, RDT&E Schedule Profile: PB 2020 Army			Date: March 2019		
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 2018				FY 2019				FY 2020				FY 2021				FY 2022				FY 2023				FY 2024			
	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 (AWA) 18.1 Planning - Execution																												
NIE/AWA 18.1 Planning/Prep - ValEx/CommEX/Pilot																												
NIE/AWA 18.1 Event																												
NIE/AWA 18.1 Event Analysis & Summary																												

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2020 Army			<b>Date:</b> March 2019
<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>	

## Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
NIE (AWA) 18.1 Planning - Execution	2	2017	1	2018
NIE/AWA 18.1 Planning/Prep - ValEx/CommEX/Pilot	2	2017	1	2018
NIE/AWA 18.1 Event	1	2018	1	2018
NIE/AWA 18.1 Event Analysis & Summary	1	2018	1	2018