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Exhibit R-2, RDT&E Budget Item Justification: PB 2019 Army	Date: February 2018
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Appropriation/Budget Activity	R-1 Program Element (Number/Name)											
2040: <i>Research, Development, Test & Evaluation, Army / BA 7: Operational Systems Development</i>	PE 0607140A / <i>Emerging Technologies from NIE</i>											
COST (\$ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
Total Program Element	-	2.278	1.023	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	3.301
ES7: <i>Emerging Technologies from NIE</i>	-	2.278	1.023	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	3.301

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. Program Change Summary (\$ in Millions)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Previous President's Budget	2.369	1.023	0.000	-	0.000
Current President's Budget	2.278	1.023	0.000	-	0.000
Total Adjustments	-0.091	0.000	0.000	-	0.000
• Congressional General Reductions	-0.001	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.090	-			

Change Summary Explanation

FY 2017 funds in the amount of \$0.001 million was transferred to support FFRDC.
FY 2017 funds in the amount of \$0.09 million was transferred to support SBIR/STTR.

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Exhibit R-2A, RDT&E Project Justification: PB 2019 Army										Date: February 2018		
Appropriation/Budget Activity 2040 / 7					R-1 Program Element (Number/Name) PE 0607140A / <i>Emerging Technologies from NIE</i>				Project (Number/Name) ES7 / <i>Emerging Technologies from NIE</i>			
COST (\$ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
ES7: <i>Emerging Technologies from NIE</i>	-	2.278	1.023	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	3.301
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. Accomplishments/Planned Programs (\$ in Millions)	FY 2017	FY 2018	FY 2019
Title: Emerging Technologies from NIEs Description: To mature, test, integrate and evaluate traditional and nontraditional small business and industry's technologies. FY 2018 Plans: Electronic Warfare Phase 1 Requirements (in support of USAREUR ONS ? 16-21509) will complete Ground EW capability with enhanced and networked for Versatile Radio Observation & Direction Finding (VROD) / Modular Adaptive Transmitter (VMAX) and Sabre Fury previously assessed at AWA 17.1. FY 2018 to FY 2019 Increase/Decrease Statement: Based on requirements.	2.278	1.023	-
Accomplishments/Planned Programs Subtotals	2.278	1.023	-

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

Remarks
This is the only project within this Program Element.

D. Acquisition Strategy
N/A

E. Performance Metrics
N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Army												Date: February 2018			
Appropriation/Budget Activity 2040 / 7						R-1 Program Element (Number/Name) PE 0607140A / <i>Emerging Technologies from NIE</i>				Project (Number/Name) ES7 / <i>Emerging Technologies from NIE</i>					

Product Development (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 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
Emerging Technologies from NIEs	TBD	Various Locations : -	7.299	2.278	Dec 2016	1.023		-		-		-	0.000	10.600	-
Subtotal			7.299	2.278		1.023		-		-		-	0.000	10.600	N/A

	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	7.299	2.278	1.023	-	-	-	0.000	10.600	N/A

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2019 Army		Date: February 2018																										
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 2017				FY 2018				FY 2019				FY 2020				FY 2021				FY 2022				FY 2023			
	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 17.2 Event																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2019 Army		Date: February 2018
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 17.2 Event	4	2017	4	2017