

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Army										Date: February 2015		
Appropriation/Budget Activity 2040: Research, Development, Test & Evaluation, Army / BA 4: Advanced Component Development & Prototypes (ACD&P)					R-1 Program Element (Number/Name) PE 0604100A / Analysis Of Alternatives							
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	-	-	9.910	9.805	-	9.805	9.982	10.023	9.970	10.243	Continuing	Continuing
EC7: Analysis Of Alternatives	-	-	9.910	9.805	-	9.805	9.982	10.023	9.970	10.243	Continuing	Continuing

Note

N/A

A. Mission Description and Budget Item Justification

This PE provides funding for analytical support of Analysis of Alternatives (AoA). Based on Department of Defense Instruction (DoDI) 5000.02, AoAs are required to be completed for a new program start prior to its first Milestone (MS) Decision. AoAs are a statutory requirement for ACAT I and ACAT II programs and regulatory for ACAT III programs. The AoAs support the preparation of the Capability Development Document (CDD), Key Performance Parameters (KPP) and Thresholds within the CDDs and tradeoff analysis. The Army must complete and approve an AoA prior to the MS A Decision in order to successfully achieve a MS A decision for new start programs. This PE provides central funding for new start programs prior to a materiel development decision and which do not yet have a Program Manager assigned for materiel development. The cited work is consistent with the Assistant Secretary of Defense, Research and Engineering Science and Technology priority focus areas and the Army Modernization Strategy and Plan. Work in this PE is performed by analytical agencies such as U.S. Army TRADOC Analysis Center and U.S. Army Materiel Systems Analysis Activity.

The Army is projecting to start work on several AoAs beginning in FY 2015, and will assess and fund the highest Army priorities during the year of execution.

B. Program Change Summary (\$ in Millions)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Previous President's Budget	-	9.913	9.877	-	9.877
Current President's Budget	-	9.910	9.805	-	9.805
Total Adjustments	-	-0.003	-0.072	-	-0.072
• Congressional General Reductions	-	-0.003			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments 1	-	-	-0.072	-	-0.072

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2016 Army										Date: February 2015		
Appropriation/Budget Activity 2040 / 4					R-1 Program Element (Number/Name) PE 0604100A / Analysis Of Alternatives				Project (Number/Name) EC7 / Analysis Of Alternatives			
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
EC7: Analysis Of Alternatives	-	-	9.910	9.805	-	9.805	9.982	10.023	9.970	10.243	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
Note This Program Element (PE) contains funding for Analysis of Alternatives (AoA) support in FY 2016 PE 0604100, AoA (project EC7), consistent with Congressional direction.												
A. Mission Description and Budget Item Justification This PE provides funding for analytical support of AoAs. Based on Department of Defense Instruction (DoDI) 5000.02, AoAs are required to be completed for a new program start prior to its first Milestone (MS) Decision. AoAs are a statutory requirement for ACAT I and ACAT II programs and regulatory for ACAT III programs. The AoAs support the preparation of the Capability Development Document, Key Performance Parameters and Thresholds within the CDDs and tradeoff analysis. The Army must complete and approve an AoA prior to the MS A Decision in order to successfully achieve a MS A decision for new start programs. This PE provides central funding for new start programs prior to a materiel development decision and do not yet have a Program Manager assigned for materiel development. The cited work is consistent with the Assistant Secretary of Defense, Research and Engineering Science and Technology priority focus areas and the Army Modernization Strategy and Plan. Work in this PE is performed by analytical agencies such as U.S. Army TRADOC Analysis Center and U.S. Army Materiel Systems Analysis Activity. The Army will assess and fund the highest Army priorities during the year of execution.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2014	FY 2015	FY 2016	
Title: Acquisition Analysis of Alternatives Description: Funds are to be used for the following effort. FY 2015 Plans: Centrally fund AoAs for new program starts that require a materiel development decision. These new programs do not yet have a Program Manager assigned. FY 2016 Plans: Centrally fund AoAs for new program starts that require a materiel development decision. These new programs do not yet have a Program Manager assigned.									-	9.910	9.805	
									Accomplishments/Planned Programs Subtotals			
									-	9.910	9.805	
C. Other Program Funding Summary (\$ in Millions) N/A												

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2016 Army		Date: February 2015
Appropriation/Budget Activity 2040 / 4	R-1 Program Element (Number/Name) PE 0604100A / Analysis Of Alternatives	Project (Number/Name) EC7 / Analysis Of Alternatives
C. Other Program Funding Summary (\$ in Millions)		
Remarks Not applicable for this item.		
D. Acquisition Strategy N/A		
E. Performance Metrics N/A		

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Army												Date: February 2015			
Appropriation/Budget Activity 2040 / 4						R-1 Program Element (Number/Name) PE 0604100A / Analysis Of Alternatives				Project (Number/Name) EC7 / Analysis Of Alternatives					
Support (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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
Analytical Support for Analyses of Alternatives	TBD	TBD : TBD	0.000	-		9.910		9.805		-		9.805	-	19.715	-
Subtotal			0.000	-		9.910		9.805		-		9.805	-	19.715	-
Remarks N/A															
			Prior Years	FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			0.000	-		9.910		9.805		-		9.805	-	19.715	-
Remarks															

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2016 Army																Date: February 2015												
Appropriation/Budget Activity										R-1 Program Element (Number/Name)								Project (Number/Name)										
2040 / 4										PE 0604100A / Analysis Of Alternatives								EC7 / Analysis Of Alternatives										
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
Identify Candidates for FY15 AoA funding																												
Issue FY15 AoA Funding as Determined in the MDD																												
Identify Candidates for FY16 AoA funding																												
Issue FY16 AoA Funding as Determined in the MDD																												
Conduct Analysis of Alternatives																												

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2016 Army			Date: February 2015
Appropriation/Budget Activity 2040 / 4	R-1 Program Element (Number/Name) PE 0604100A / <i>Analysis Of Alternatives</i>	Project (Number/Name) EC7 / <i>Analysis Of Alternatives</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Identify Candidates for FY15 AoA funding	4	2014	3	2015
Issue FY15 AoA Funding as Determined in the MDD	1	2015	4	2015
Identify Candidates for FY16 AoA funding	4	2015	3	2016
Issue FY16 AoA Funding as Determined in the MDD	1	2016	4	2016
Conduct Analysis of Alternatives	1	2015	4	2017