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**Exhibit R-2, RDT&E Budget Item Justification: FY 2018 Army** **Date:** May 2017

<b>Appropriation/Budget Activity</b> 2040: Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)					<b>R-1 Program Element (Number/Name)</b> PE 0604768A / Brilliant Anti-Armor Submunition(BAT)							
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018 Base</b>	<b>FY 2018 OCO</b>	<b>FY 2018 Total</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
Total Program Element	-	0.000	0.000	10.000	-	10.000	0.000	0.000	0.000	0.000	0.000	10.000
688: ATACMS BLK II	-	0.000	0.000	5.000	-	5.000	0.000	0.000	0.000	0.000	0.000	5.000
P01: Multi-Mode Seeker Development and Test	-	0.000	0.000	5.000	-	5.000	0.000	0.000	0.000	0.000	0.000	5.000

## **Note**

This is a New Start.

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

Army Tactical Missile System (ATACMS) is the United States (U.S.) Army's primary all-weather, surface-to-surface long-range artillery precision guided missile used by Combatant Commanders to shape the battlefield with long-range fires against hard & soft targets in open, complex, and urban environments.

FY2018 base dollars in the amount of \$10.000 million support ATACMS BLK II (Project #: 688) and the Multi-Mode Seeker (MMS) program (Project #: P01) which focus on development, integration & test of warheads and sensors to engage moving maritime & armored land-based targets.

<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018 Base</b>	<b>FY 2018 OCO</b>	<b>FY 2018 Total</b>
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	10.000	-	10.000
Total Adjustments	0.000	0.000	10.000	-	10.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	0.000	0.000	10.000	-	10.000

## **Change Summary Explanation**

FY 2018 funding change due to incorporation of effort to transition Strategic Capabilities Office (SCO) demonstrated capabilities to defeat moving armored and maritime targets.

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Exhibit R-2A, RDT&E Project Justification: FY 2018 Army										Date: May 2017		
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0604768A / Brilliant Anti-Armor Submunition(BAT)				Project (Number/Name) 688 / ATACMS BLK II			
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
688: ATACMS BLK II	-	0.000	0.000	5.000	-	5.000	0.000	0.000	0.000	0.000	0.000	5.000
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
<b>Note</b> This is a New Start.												
<b>A. Mission Description and Budget Item Justification</b> ATACMS BLK II will integrate Strategic Capabilities Office (SCO) Breaker program demonstrated capabilities into ATACMS. This effort focuses on providing ATACMS with integrated sensor & warhead technologies to engage moving land-based armored targets.  FY18 Base funds in the amount of \$5.000 million supports contract requirements package development, system analysis & evaluation, requirements & specification development, and program transition activities.												
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>										<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>
<b>Title:</b> Transition of SCO demonstrated capabilities to defeat armored targets  <b>Description:</b> Conduct warhead component requirements development, system integration analysis, and transition planning targeted at rapid qualification and fielding of the armor engagement capability.  <b>FY 2018 Plans:</b> Will begin contract requirements package development, system analysis & evaluation, requirements & specification development, and program transition activities.										-	-	5.000
<b>Accomplishments/Planned Programs Subtotals</b>										-	-	5.000
<b>C. Other Program Funding Summary (\$ in Millions)</b> N/A <b>Remarks</b> N/A												
<b>D. Acquisition Strategy</b> Accelerate the transition of Strategic Capabilities Office (SCO) Breaker program demonstrated capabilities into ATACMS.												

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Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604768A / <i>Brilliant Anti-Armor Submunition(BAT)</i>	Project (Number/Name) 688 / <i>ATACMS BLK II</i>
E. Performance Metrics N/A		

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Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0604768A / Brilliant Anti-Armor Submunition(BAT)				Project (Number/Name) P01 / Multi-Mode Seeker Development and Test			
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
P01: Multi-Mode Seeker Development and Test	-	0.000	0.000	5.000	-	5.000	0.000	0.000	0.000	0.000	0.000	5.000
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
<b>Note</b> This is a New Start.												
<b>A. Mission Description and Budget Item Justification</b> Multi-Mode Seeker will integrate Strategic Capabilities Office (SCO) STRIKE-X program demonstrated capabilities into ATACMS. This effort focuses on providing integration of a seeker to search, detect, acquire, and engage moving maritime/land-based targets.  FY18 Base funds in the amount of \$5.000 million supports contract requirements package development, system analysis & evaluation, requirements & specification development, and program transition activities.												
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>										<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>
<b>Title:</b> Transition of SCO demonstrated capabilities to defeat maritime targets  <b>Description:</b> Conduct seeker component requirements development, system integration analysis, and transition planning targeted at rapid qualification and fielding of the maritime engagement capability.  <b>FY 2018 Plans:</b> Will begin contract requirements package development, system analysis & evaluation, requirements & specification development, and program transition activities.										-	-	5.000
<b>Accomplishments/Planned Programs Subtotals</b>										-	-	5.000
<b>C. Other Program Funding Summary (\$ in Millions)</b> N/A  <b>Remarks</b> N/A												
<b>D. Acquisition Strategy</b> Accelerate the transition of Strategic Capabilities Office (SCO) STRIKE-X program demonstrated capabilities into ATACMS.												

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E. Performance Metrics N/A		