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<b>Exhibit R-2, RDT&amp;E Budget Item Justification: FY 2018 Army</b>	<b>Date: May 2017</b>
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<b>Appropriation/Budget Activity</b> 2040: Research, Development, Test & Evaluation, Army / BA 6: RDT&E Management Support	<b>R-1 Program Element (Number/Name)</b> PE 0605716A / Army Evaluation Center
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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
Total Program Element	-	52.265	55.905	56.246	-	56.246	58.463	59.925	61.875	64.108	-	-
302: Army Evaluation Center	-	52.265	55.905	56.246	-	56.246	58.463	59.925	61.875	64.108	-	-

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

This Program Element (PE) provides the resources to operate the Army Evaluation Center (AEC) which is responsible for all assigned developmental and independent operational evaluation of Army materiel, information and acquisition systems, an inherently government mission. This PE funds direct civilian labor and minimum non-labor requirements to include: Temporary Duty (TDY), personnel training, career development, supplies and equipment, hardware, software, and other external Other Government Agency (OGA) support for the Reliability, Availability, and Maintainability (RAM) Center for Reliability Growth (CRG) and Underbody Blast Modeling and Simulation (UBM) initiatives. CRG improves reliability by providing policy, guidance, standards, methods, tools, and training resulting in increased materiel/operational availability, and initial operational testing success rates while decreasing support costs and logistics footprint. The UBM initiative identifies vehicle improvements directly impacting Soldier survivability.

AEC consists of seven directorates (Aviation-Fires Evaluation Directorate, Ballistic Missile Defense (BMD) Evaluation Directorate (funded by the Missile Defense Agency (MDA)), Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) Evaluation Directorate, Integrated Suitability & Methodology Directorate, Mounted Systems Evaluation Directorate, Soldier & Support System Evaluation Directorate and Survivability Evaluation Directorate) and a headquarters element. AEC receives staff services from the Army Test and Evaluation Command Headquarters (ATEC HQ). The primary competencies of these directorates is to: independently evaluate effectiveness, suitability, survivability; determine if Program Management (PM) and user directed requirements are met; direct the test strategy; and verify system safety.

<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	52.694	55.905	52.317	-	52.317
Current President's Budget	52.265	55.905	56.246	-	56.246
Total Adjustments	-0.429	0.000	3.929	-	3.929
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.429	-			
• Adjustments to Budget Years	0.000	0.000	3.603	-	3.603
• CivPay Adjustments	0.000	0.000	0.326	-	0.326

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Exhibit R-2A, RDT&E Project Justification: FY 2018 Army										Date: May 2017		
Appropriation/Budget Activity 2040 / 6					R-1 Program Element (Number/Name) PE 0605716A / Army Evaluation Center				Project (Number/Name) 302 / Army Evaluation Center			
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
302: Army Evaluation Center	-	52.265	55.905	56.246	-	56.246	58.463	59.925	61.875	64.108	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

This Project provides the resources to operate the Army Evaluation Center (AEC) which is responsible for all assigned developmental and independent operational evaluation of Army materiel, information and acquisition systems, an inherently government mission. This Project funds direct civilian labor and minimum non-labor requirements to include: Temporary Duty (TDY), personnel training, career development, supplies and equipment, hardware, software, and other external Other Government Agency (OGA) support for the RAM Center for Reliability Growth (CRG) and Underbody Blast Modeling and Simulation (UBM) initiatives. CRG improves reliability by providing policy, guidance, standards, methods, tools, and training resulting in increased materiel/operational availability, and initial operational testing success rates while decreasing support costs and logistics footprint. The UBM initiative identifies vehicle improvements directly impacting Soldier survivability.

AEC consists of seven directorates (Aviation-Fires Evaluation Directorate, Ballistic Missile Defense (BMD) Evaluation Directorate (funded by the Missile Defense Agency (MDA)), Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) Evaluation Directorate, Integrated Suitability & Methodology Directorate, Mounted Systems Evaluation Directorate, Soldier & Support System Evaluation Directorate and Survivability Evaluation Directorate) and a headquarters element. AEC receives staff services from the Army Test and Evaluation Command Headquarters (ATEC HQ). The primary competencies of these directorates is to: independently evaluate effectiveness, suitability, survivability; determine if Program Management (PM) and user directed requirements are met; direct the test strategy; and verify system safety.

**B. Accomplishments/Planned Programs (\$ in Millions)**

	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>
<b>Title:</b> Army Evaluation Center (AEC)	52.265	55.905	56.246
<b>Description:</b> Provide integrated technical and operational evaluations and continuous evaluation of assigned weapon systems and major automated information systems for major milestone decisions, materiel changes, and materiel releases in support of the Army Acquisition Executive and force development. Develop the evaluation strategy, design technical and operational tests, and evaluate the test results to address the combat effectiveness, suitability, and survivability factors pertinent to the decision process, of hundreds of systems/programs across the Army, other services and agencies. Prepare integrated System Evaluation Plans and conduct integrated technical and operational evaluations for all assigned systems. In support of Overseas Contingency Operations (OCO) and other real-world events, AEC continues to provide Capability & Limitation Reports and safety verification documents.			
<b>FY 2016 Accomplishments:</b> Funded operational costs for AEC including civilian pay and non-labor costs (approximately 94% of AEC's total budget is civilian labor). Additionally, provided funding for the Underbody Blast Modeling and Simulation support that provides early identification of vehicle improvements that directly impact Soldier survivability; improves test design; provides additional evaluation data to support			

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<b>Appropriation/Budget Activity</b> 2040 / 6	<b>R-1 Program Element (Number/Name)</b> PE 0605716A / Army Evaluation Center	<b>Project (Number/Name)</b> 302 / Army Evaluation Center	
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2016</b>	<b>FY 2017</b>
<p>acquisition. Also, provided funding for the Center for Reliability and Growth in response to policies mandating Reliability Growth programs and periodic assessments for major systems.</p> <p><b>FY 2017 Plans:</b> Fund operational costs for AEC including civilian pay and non-labor costs (approximately 94% of AEC's total budget is civilian labor). Additionally, provide funding for the Underbody Blast Modeling and Simulation support that provides early identification of vehicle improvements that directly impact Soldier survivability; improves test design; provides additional evaluation data to support acquisition. Also, provides funding for the Center for Reliability and Growth in response to policies mandating Reliability Growth programs and periodic assessments for major systems. AEC is projected to support over 50 milestone decisions to include milestone A: Next Generation Chemical Detector (NGCD) Incr 4 (JPEO CBD); milestone B: Maneuver Support Vessel (L) (PEO CSCSS); milestone C: Bradley ECP 2 (PEO GCS), XM784/XM785 (PEO Ammo), JACM (PEO Missiles &amp; Space); full rate production: WIN-T INC 3 (PEO C3T); and materiel release of 155mm-SCAM (PEO Ammo), Enhanced Night Vision Goggle (ENVG) (PEO Soldier) and AN/APR-39 (PEO IEW&amp;S). AEC will continue to provide Capability &amp; Limitation Reports and safety verification documents to support real-world operations.</p> <p><b>FY 2018 Plans:</b> Fund operational costs for AEC including civilian pay and non-labor costs (approximately 94% of AEC's total budget is civilian labor). Additionally, provide funding for the Underbody Blast Modeling and Simulation support that provides early identification of vehicle improvements that directly impact Soldier survivability; improves test design; provides additional evaluation data to support acquisition. Also, provide funding for the Center for Reliability and Growth in response to policies mandating Reliability Growth programs and periodic assessments for major systems. AEC is projected to support over 100 acquisition milestone decisions and will continue to provide Capability &amp; Limitation Reports and safety verification documents to support real-world operations.</p>			
<b>Accomplishments/Planned Programs Subtotals</b>		52.265	55.905
<b>C. Other Program Funding Summary (\$ in Millions)</b> N/A			
<b>Remarks</b>			
<b>D. Acquisition Strategy</b> N/A			
<b>E. Performance Metrics</b> N/A			