

# ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)

**February 2008**

<b>BUDGET ACTIVITY</b> <b>6 - Management support</b>	<b>PE NUMBER AND TITLE</b> <b>0605716A - Army Evaluation Center</b>					<b>PROJECT</b> <b>302</b>	
COST (In Thousands)	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate
302 Army Evaluation Center	55554	61295	63382	65413	60870	62164	63510

**A. Mission Description and Budget Item Justification:** The Army Evaluation Center (AEC) provides independent and integrated technical and operational evaluations, and life-cycle Continuous Evaluation (CE) of assigned Major Defense Acquisition Programs (MDAP), Major Automated Information Systems, and In-Process Review (IPR) programs for major milestone decisions, materiel changes, and materiel releases in support of the Army Acquisition Executive and force development. AEC is The Army's independent evaluator. AEC develops the evaluation strategy, designs technical and operational tests, and evaluates the test results to address a system's combat effectiveness, suitability, and survivability factors pertinent to the decision process, such as: Critical Operational Issues and Criteria (COIC), system performance, soldier survivability, performance in countermeasures, system survivability, reliability, supportability, etc. AEC has the lead in planning and execution of Army Live Fire Tests and Continuous Evaluations through its evaluation and test design responsibilities. The evaluations produced by AEC are required by the Army Chief of Staff, the Army Acquisition Executive, other Army senior leaders and the Director of Operational Test and Evaluation for acquisition decisions. In addition, Army leadership has recognized the numerous benefits of an early involvement initiative. In support of ongoing contingency operations and other Global War on Terrorism (GWOT) related activities, AEC continues to dedicate a significant amount of its evaluation workload towards the evaluation of Rapid Initiative (RI) & Rapid Equipping Force (REF) systems, Urgent Material Releases, and Counter Improvised Explosive Device (IED) systems in support of the Joint IED Defeat Office (JIEDDO) and the Joint Test Board.

This project funds the salaries of civilian employees assigned to the evaluation and test design missions and associated personnel support/sustainment costs including temporary duty, supplies, equipment, and support contractors. This project does not finance test facility operations, test instrumentation or test equipment.

<u>Accomplishments/Planned Program:</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
Provide integrated technical and operational evaluations and continuous evaluation of assigned MDAPs, major automated information systems, and IPR programs 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, for programs such as Future Combat System (FCS), Mine Resistent Ambust Protected Vehichle (MRAP), Warfighter Information Network- Tactical (WIN-T), Stryker, High Mobility Artillery Rocket System (HIMARS), Disbursed Common Ground System (DCGS), Intelligent Munition System (IMS), Joint Land Attack Cruise Missile Defense Elevated Netted Sensors (JLENS), Joint Tactical Radio System Clusters 1 & 5 (JTRS), Army Airborne Command and Control System (A2C2S), Family of Medium Tactical Vehicles (FMTV) - Suite of Integrated Infrared Countermeasures (SIIRCM), Warlock DUKE V2, CREW 2.1, and the Aerial Common Sensor (ACS). As the Army lead for Live Fire Test and Evaluation, plan and execute the Army Live Fire Test and Evaluation program for developmental systems such as the FCS. Prepare integrated System Evaluation Plans and conduct integrated technical and operational evaluations for all Army weapon systems. In support of contingency operations and the Global War on Terrorism (GWOT), AEC has drastically refocused its evaluation workload towards the evaluation of Rapid Initiative (RI) systems, Counter Improvised Explosive Device (IED)systems, and Urgent Material Releases. Includes civilian pay costs for 385 authorizations for FY09 and 371 authorizations for FY 10-15.	51929	56046	58917
Support the early involvement initiative which provides continuous support to materiel and combat developers from the inception of their	3625	4754	4465

# ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)

**February 2008**

BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT	
<b>6 - Management support</b>	<b>0605716A - Army Evaluation Center</b>	<b>302</b>	
programs. This initiative leverages science and technology that will lead to cost savings, avoidances and design efficiencies early in a system's development, thereby avoiding more expensive product improvement programs later in a system's life cycle. Test and evaluation efficiencies will be gained through early identification of instrumentation, modeling and simulation tools, and other resources needed for testing, as well as making more efficient use of data from developmental testing and experiments. This initiative also supports ongoing contingency operations and other GWOT related activities by supporting the evaluation of Rapid Initiative systems, Counter IED systems, and Urgent Material Releases.			
Small Business Innovative Research/Small Business Technology Transfer Programs		495	
<b>Total</b>	<b>55554</b>	<b>61295</b>	<b>63382</b>

# ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)

**February 2008**

BUDGET ACTIVITY	PE NUMBER AND TITLE			PROJECT
<b>6 - Management support</b>	<b>0605716A - Army Evaluation Center</b>			<b>302</b>
<b><u>B. Program Change Summary</u></b>	FY 2007	FY 2008	FY 2009	
Previous President's Budget (FY 2008/2009)	59465	61694	63400	
Current BES/President's Budget (FY 2009)	55554	61295	63382	
Total Adjustments	-3911	-399	-18	
Congressional Program Reductions		-399		
Congressional Rescissions				
Congressional Increases				
Reprogrammings	-3219			
SBIR/STTR Transfer	-692			
Adjustments to Budget Years			-18	

FY07 \$692 thousand (SBIR/STTR) & \$3,219 thousand applied to higher priority programs.