ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)

February 2005

BUDGET ACTIVITY **6 - Management support**	PE NUMBER AND TITLE **0605716A - Army Evaluation Center**	PROJECT **302**

COST In Thousands)	FY 2004 Actual	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate
302 ARMY EVALUATION CENTER	45274	61212	57305	64745	68206	70845	73440	68926

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 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. This initiative leverages science and technology that will lead to cost savings and design efficiencies early in a system's development, thereby avoiding more expensive product improvement programs later in a system's life cycle. In support of ongoing contingency operations and other Global War on Terrorism (GWOT) related activities, AEC has drastically refocused its evaluation workload towards the evaluation of Rapid Initiative (RI) systems, Improvised Explosive Device (IED) Task Force systems, and Urgent Material Releases.

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

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Accomplishments/Planned Program	FY 2004	FY 2005	FY 2006	FY 2007
Support the early involvement initiative which provides continuous support to materiel and combat developers from the inception of their programs. This initiative leverages science and technology that will lead to cost savings 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, IED Task Force systems, and Urgent Material Releases.	4724	4847	5298	6560
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 Stryker, FCS, Warfighter Information Network- Tactical WIN-T), Improved Cargo Helicopter ICH CH-47), Army Airborne Command and Control System A2C2S), High Mobility Artillery Rocket System HIMARS), Disbursed Common Ground System DCGS), Advanced Precision Kill Weapon System APKWS), Suite of Integrated Infrared Countermeasures SIIRCM), Joint Tactical Radio System Clusters 1 & 5 JTRS), Trojan Spirit- LITE TS-LITE), Dry Support Bridge DSB), Blackhawk Helicopter UH-60M), Anti-Personnel Landmine Alternative APLA), Countermine Capability Set CMCS) Group B-2, Family of Medium Tactical Vehicles FMTV), Hercules, High Mobility Multipurpose Wheeled Vehicle HMMWV A4), Surface Launched Advanced Medium Range Air to Air Missile system SLAMRAAM), 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, and Line of Site Anti Tank LOSAT). Prepare integrated System Evaluation Plans and conduct integrated technical and operational evaluations for all Army weapon systems. Includes costs for 344 civilian authorizations in FY 2006 and 384 civilian authorizations in 2007.	40550	56365	52007	58185
Totals	45274	61212	57305	64745

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B. Program Change Summary	FY 2005	FY 2006	FY 2007
Previous President's Budget FY 2005)	62209	62013	72389
Current Budget FY 2006/2007 PB)	61212	57305	64745
Total Adjustments	-997	-4708	-7644
Net of Program/Database Changes			
Congressional Program Reductions	-109		
Congressional Rescissions			
Congressional Increases			
Reprogrammings			
SBIR/STTR Transfer	-888		
Adjustments to Budget Years		-4708	-7644

Change Summary Explanation:
FY 2   7 D(-7644): Funds realigned to higher priority requirements.