

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

**February 2007**

<b>BUDGET ACTIVITY</b> <b>6 - Management support</b>	<b>PE NUMBER AND TITLE</b> <b>0605601A - ARMY TEST RANGES AND FACILITIES</b>						<b>PROJECT</b> <b>F30</b>		
COST (In Thousands)	FY 2006 Actual	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	
F30 ARMY TEST RANGES & FACILITIES	349783	385498	357964	343030	339850	323918	331027	338632	

**A. Mission Description and Budget Item Justification:** Funding, beginning in FY 2006, reflects realignment to comply with Section 232 of the FY2003 National Defense Authorization Act (NDAA) requiring Major Range and Test Facility Bases (MRTFBs) to be fully funded and that DoD test customers be charged for direct cost only. The new law precludes the MRTFBs from charging customers for efforts not directly identifiable to a specific program and requires Office of the Secretary of Defense(OSD) certification to Congress of funding adequacy. Funding was realigned from the Army Program Executive Officers/Program Managers and non-Army DoD customers to this program element.

This project also funds the indirect test costs associated with rapidly testing field systems and equipment needed in support of Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF) such as Individual soldier protection equipment and Counter Measures for Improvised Explosive Devices (IEDs) and uparmoring the Army's wheeled vehicle fleet. This project sustains the developmental Test & Evaluation capability required to support Army transformation as well as Joint Service or Other Service systems, hardware, and technologies. Unclassified systems scheduled for developmental testing encompass the entire spectrum of transformation weapons systems such as: up-armoring vehicle ballistic protection on the Buffalo, Cougar, Family of Medium Tactical Vehicles Long Term Armor Strategy (FMTV LTAS), and Joint Light Tactical Vehicle (JLTV); Stryker upgrades; armor gun shields for tactical vehicles; reactive and active armor on the Stryker; Personnel Screening Systems; Electronic Countermeasure Devices (ECMDs); Body Armor; and High Mobility Multipurpose Wheeled Vehicle (HMMWV). Capabilities are also required to support System-of-Systems and network centric systems to include Future Combat System(FCS) testing.

This project provides the institutional funding required to operate the developmental test activities required by Department of Defense (DoD) Program Executive Officers, Program and Product Managers, and Research, Development, and Engineering Centers. This project provides resources to operate four DoD Major Range and Test Facility Bases (MRTFBs): White Sands Missile Range (WSMR), NM; Aberdeen Test Center (ATC), MD; Electronic Proving Ground (EPG), AZ; and Yuma Proving Ground (YPG), AZ (to include management of Army natural environmental testing at Cold Regions Test Center, Fort Greely and Fort Wainwright, AK, and Tropic Regions Test Center at various locations). This project also funds the Army's developmental test capability at Aviation Technical Test Center (ATTC), AL; and Redstone Technical Test Center (RTTC), AL. Test planning and safety verification at Headquarters, U.S. Army Developmental Test Command (DTC), MD is also supported by this program element.

This project finances overhead test operating cost not appropriately billed to test customers, replacement of test equipment, and test revitalization/upgrade projects to maintain current testing capabilities and improvements to safety, environmental protection, efficiency of test operations, and technological advances. The developmental test capabilities at these test ranges have been uniquely established, are in place to support test and evaluation (T&E) requirements of funded weapons programs, and are required to assure technical performance, adherence to safety requirements, reliability, logistics supportability, and quality of materiel in development and in production.

Direct costs are borne by materiel developers in accordance with DoD Directive 3200.11 and DoD Financial Management Regulation 7000.14R.

<b><u>Accomplishments/Planned Program:</u></b>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
Mission Support. Funds support test equipment upgrade and maintenance; test facility maintenance; routine calibration; handling and	93136	105508	107658	109926

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disposal of hazardous materials, transportation, postage, administrative supplies; tools; software; spare parts; test support vehicle maintenance; mission unique installation costs; temporary duty/training of civilian and contractor personnel; printing and reproduction; utilities; communications; land leases; and range road maintenance not billable in accordance with NDAA. Effective beginning in FY 06, funding supports indirect cost previously paid by the customer for which funding was realigned, as approved by Assistant Secretary of the Army for Acquisition, Logistics and Technology and validated by Deputy Assistant Secretary of the Army for Cost and Economics, from the Army PEO/PMs and non-Army DOD customers.				
T&E Civilian Pay. This funding supports the overhead costs of the civilian labor for Program Budget Guidance (PBG) authorizations in accordance with NDAA. The balance is customer funded. The test customer pays all direct costs that are directly attributable to the use of a test facility or resource for testing of a particular program. Funding is essential to maintain core T&E skills as part of the Government civilian workforce.	134276	140551	131604	125581
Contractor Pay. This funding supports contractor labor costs not appropriately billable to the customer in accordance with NDAA. Contract labor is essential to augment core civilian T&E personnel. Functions performed include range operations, automotive test support, radar maintenance, warehousing support, project management, maintenance of support fleet aircraft, recurring/general maintenance to test facilities and automatic data processing support. Effective beginning in FY06, funding supports contractor efforts related to mission support. These costs were previously paid for by the customer prior to implementation of the FY2003 National Defense Authorization Act.	112371	121799	108702	97523
Revitalization/Upgrade of test infrastructure and capabilities. Beginning in FY06, MRTFBs are required to use institutional funding to sustain, upgrade or create capabilities that support multiple customers. In FY06, funded projects upgraded test capabilities to support live fire and armor vulnerability testing. For FY07 through FY09 funding has been focused on improving test and evaluation capabilities for distributed test operations, joint and Army network centric testing.	10000	10000	10000	10000
Small Business Innovative Research/Small Business Technology Transfer Programs		7640		
<b>Total</b>	<b>349783</b>	<b>385498</b>	<b>357964</b>	<b>343030</b>

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<u><b>B. Program Change Summary</b></u>	FY 2006	FY 2007	FY 2008	FY 2009
Previous President's Budget (FY 2007)	364007	389840	376413	361966
Current BES/President's Budget (FY 2008/2009)	37283	25293	34004	28440
Total Adjustments	-326724	-364547	-342409	-333526
Congressional Program Reductions		-1511		
Congressional Recissions				
Congressional Increases				
Reprogrammings	-14224	-2831		
SBIR/STTR Transfer				
Adjustments to Budget Years			-18449	-18936

FY 2006 was reprogrammed to higher priority requirements.  
 FY 2007 was reprogrammed to higher priority requirements.  
 FY 2008 and FY 2009 was realigned to higher priority requirements.