

<b>Subject: Iraq Force Protection</b>	<b>DoD Serial Number:</b> FY 04-14 PA
	<b>Includes Transfer?</b> Yes

<b>Component Serial Number:</b>	<i>(Amounts in Thousands of Dollars)</i>							
	<b>Program Base Reflecting Congressional Action</b>		<b>Program Previously Approved by Sec Def</b>		<b>Reprogramming Action</b>		<b>Revised Program</b>	
<b>Line Item</b>	<b>Quantity</b>	<b>Amount</b>	<b>Quantity</b>	<b>Amount</b>	<b>Quantity</b>	<b>Amount</b>	<b>Quantity</b>	<b>Amount</b>
a	b	c	d	e	f	g	h	i

This reprogramming is submitted for prior approval because it exceeds thresholds and uses general transfer authority pursuant to section 8005 of Public Law 108-87, the DoD Appropriations Act, 2004; and section 1001 of the National Defense Authorization Act for FY 2004. This action transfers \$5.374 million from Procurement, Defense-Wide, 04/06, appropriation to Research, Development, Test, and Evaluation, Defense-Wide, 04/05, appropriation and realigns \$18.745 million within Research, Development, Test, and Evaluation, Defense-Wide, 04/05, appropriation to aggressively accelerate critical Force Protection equipment and technologies to protect our deployed forces and save lives in Iraq. This action is for higher priority items, based on unforeseen requirements, than that for which the funds were originally appropriated. It meets all administrative and legal requirements of the Congress, and the Congress has not denied any of the items.

<b><u>FY 2004 REPROGRAMMING INCREASE:</u></b>	<b><u>+24,119</u></b>	<b><u>+15,819</u></b>
<b><u>Research, Development, Test, and Evaluation, Defense-Wide, 04/05</u></b>	<b><u>+24,119</u></b>	<b><u>+15,819</u></b>
<u>Budget Activity 3: Advanced Technology Development</u>		
0603826D8Z Quick Reaction Special Projects		
56,385	56,385	80,504
	<b><u>+24,119</u></b>	<b><u>+15,819</u></b>
		72,204

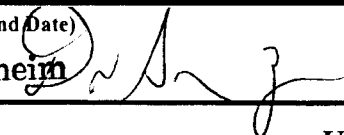
Explanation: Reprogramming is required to develop, procure, test and field Rapid Reaction / New Solution (RRNS) technologies. These development efforts are focused on the acceleration of technologies into prototypes that will protect forces against the emerging threats in Iraq. These funds will be used to support a large number of discrete efforts to counter the enemy, and to enhance and increase force protection including: 1) detection, mitigation, and detonation of Improvised Explosive Devices (IEDs) and other explosives (e.g., Man Portable Air Defense Systems and mortars), 2) options for dealing with enemy leadership and infrastructure, and 3) detection and mitigation of concealed and vehicular explosives. IEDs and suicide bombers/explosive vehicles are the primary method of attack against U.S. and coalition forces.

Funding is used to:

- Continue to test solutions and develop Concept of Operations with end-to-end testing capability in both rural and urban representative environments to counter IEDs.
- Procure additional robots for Explosive Ordnance Devices (fieldable prototypes are already credited with savings several lives).
- Investigate explosive resistant coatings for application to vehicles.
- Complete test and deliver prototype systems for capability to detect and identify IEDs.
- Explore alternative frequency threat capability to identify and defeat IEDs.
- Complete test and deliver directed energy high power RF sources for IED neutralization.

Approved (Signature and Date)

**Dov S. Zakheim**



FEB 13 2004

<b>Subject: Iraq Force Protection</b>		<b>DoD Serial Number:</b> FY 04-14 PA
<b>Appropriation Title: Procurement, Defense-Wide, 04/06; Research, Development, Test, and Evaluation, Defense-Wide, 04/05</b>		<b>Includes Transfer?</b> Yes

<b>Component Serial Number:</b>	<i>(Amounts in Thousands of Dollars)</i>							
	<b>Program Base Reflecting Congressional Action</b>		<b>Program Previously Approved by Sec Def</b>		<b>Reprogramming Action</b>		<b>Revised Program</b>	
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a	b	c	d	e	f	g	h	i

- Complete development and test of Epoxy Polymer Concrete dispensing unit and epoxy foam for securing enemy ammunition and buildings.
- Develop HMMWV-mounted impulse radar for crowd surveillance and detection of weapons under clothing (suicide bombers) and determine feasibility of through wall sensing capability.
- Provide biometric tool set, train users in theater and populate database to identify and locate terrorists attacking U.S. forces.
- Expand communication of IED threats and attack warning to forces on patrol at the brigade and convey throughout the theater.
- ~~Complete development and build two prototype active denial systems, a high energy non-lethal head application counter personnel system.~~ **Denied by the SAC - \$8.3 million.**
- Complete, test, and deliver surveillance and reconnaissance systems (e.g., aerostats) to protect specific sites from enemy missile and mortar threats.
- Complete development and fielding of intelligence capability to predict enemy “hot spots” of attack in order to counter those attacks.

**FY 2004 REPROGRAMMING DECREASES:** **-24,119** **-15,819**

**Research, Development, Test, and Evaluation, Defense-Wide, 04/05** **-18,745** **-15,819**

**Procurement, Defense-Wide, 04/06** **-5,374** **-**

Explanation: Funds are available due to inflation rates being lower than previously estimated.