

Fiscal Year 2008 Budget Item Justification Exhibit P-40					Date: February 2007				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number 2093/ Joint Improvised Explosive Device Defeat Fund					P-1 Line Item Nomenclature Joint Improvised Explosive Device Defeat Organization				
Program Element for Code B Items:				Other Related Program Elements:					
Procurement Items Cost (\$ in millions)	Prior Year	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total
Proc Qty									
Gross Cost									
Less PY Adv Proc									
Plus CY Adv Proc									
Net Proc (=P-1)									
Initial Spares									
Total Proc Cost			4,000.0						4,000.0
Flyaway U/C									
Wpn Syst Proc U/C									
DESCRIPTION: As the single manager for Improvised Explosive Device (IED) Defeat within the Department, the Joint IED Defeat Organization (JIEDDO) requires these funds for development, ongoing production, fielding and sustainment of efforts to counter the evolving IED threats and to fight the global war on terror. JIEDDO executes its funds along four lines of operations (LOOs): Attack the Network, Defeat the Device, Train the Force and Staff and Infrastructure. Within these LOOs, JIEDDO funds different initiatives designed to counter the IED threat. JIEDDO funds, fields and sustains initiatives at a much faster pace than ordinary acquisition programs. As initiatives come into JIEDDO, they go through a rigorous vetting process. JIEDDO commits to fund approved initiatives for two years. The first year is design, development, and procurement while the second year is procurement (if necessary) and sustainment. After the first two years, the uniformed services take over responsibility for procurement and sustainment. Due to the changing nature of the IED threat, JIEDDO needs control of its own appropriation. The 2093 appropriation allows JIEDDO to directly control and manage funds to design, develop, test, procure, field and sustain initiatives that react to emerging IED threats as well as to capitalize on intelligence to attack the IED network. As new tactics, techniques and procedures are developed, JIEDDO then trains the force in theater for rapidly-deployed items and bring deploying troops up to speed prior to entering the theater.									

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<p>JUSTIFICATION Continued:</p> <p>JIEDDO requests \$4B as follows:</p> <p><u>Attack the Network (\$926M)</u></p> <p>This LOO will enable defeat of a complex insurgent network of IED makers, trainers, suppliers and their supporting infrastructure. Continuous, multiple, and simultaneous offenses against the IED system are required to counter the effect of all forms of IEDs used against the United States and Coalition Forces. This includes developing and procuring equipment and materials used in support of Joint Urgent Operational Needs Statements (JUONS) to prevent IED emplating networks. This request also provides for IED surrogates and Counter-IED equipment used by forces in pre-deployment training. Critical items include the following:</p> <ul style="list-style-type: none"> • Existing and Emerging JUONS. • Sensors on multi-layered surveillance and reconnaissance platforms such as Constant Hawk and C-12 Aerial Reconnaissance Multi-Sensor (ARMS) to provide constant battlespace awareness. • Focused Technology efforts to develop solutions for attacking IED networks such as the use of sensor fusion • Information and Influence Programs to discourage insurgent IED activities. • Counter IED Operational Integration Center (COIC) to fuse information products for use by deploying units to integrate into their operations. • Counter IED Targeting Program (CITP) to provides analysis tools, techniques and resources to increase MNF-I capability by fusing intelligence products for targeting bomb maker networks. 		

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JUSTIFICATION (Continued):		
<u>Defeat the Device (\$2,740M)</u>		
<p>This request supports the detection of IEDs with higher probabilities and at greater stand-off ranges; lower false-positives readings; and development and production of systems to detect and counter IED triggers for warfighters and vehicles at increasing ranges. Use of these funds affects all forms of IEDs used against the United States and Coalition Forces. This area of concentration supports JIEDDO's long and mid-range studies, assessments, modifications and testing in support of JUONS to reduce the effects of IED detonations and other emerging physical threats. Critical items include the following:</p> <p>Continuous technology development, testing, production and fielding of Counter IED Radio-Controlled Electronic Warfare (CREW) devices to provide defensive systems to our troops.</p> <ul style="list-style-type: none"> • Capabilities to detect, disrupt and neutralize command wire initiated IEDs. • Capabilities to detect supply caches for IED construction. • Passive Infrared (PIR) Defeat Systems; e.g., Blow Torch, Rhino I & II. • EOD and Engineer Stand-off Camera Systems. • Existing and Emerging JUONS for detection, neutralization and mitigation. • Ground Penetrating Radar (e.g., Maverick and other technologies). • Robotic operations-concepts for patrol and operations for convoy vehicles. • Engineer Reconnaissance Vehicles Technology Demonstrator. • Change Detection Monitoring (Systems). 		
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Exhibit P-40 (Continued)		
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number		

2093/ Joint Improvised Explosive Device Defeat Fund

Program Element for Code B Items:

Other Related Program Elements:

JUSTIFICATION (Continued):Train the Force (\$334M)

This request would fund Counter-IED training resources for service use at home station. Training enables commanders to use and synchronize both technological and non-materiel solutions for Attacking the Network and Defeating the Device. Without effective, integrated training plans and systems, the effectiveness of other IED Defeat initiatives cannot be fully maximized.

This allows full engagement in the entire spectrum of Individual, Collective and Battle Staff Training from institutional training efforts, home-station training, pre-deployment training, as well as training advisors in both Iraq and Afghanistan. JIEDDO's training program directly supports the Combatant Commander's mission and priorities. This year's budget also supports known JUONS for the CENTCOM Commander as well as training technologies to support other Joint training efforts. Critical items include the following:

- Joint Centers of Excellence to provide responsive, relevant, world class, collective skills training, new technology training, and lessons learned integration for joint coalition forces.
- Counter IED Operational Integration Center (COIC) to provide intelligence fusion into operational training solutions and programs.
- C-IED training materials for service use in home station mobilization site and other training.
- Mobile Training Teams for C-IED materiel systems.
- IED Training Aids and IED and C-IED Surrogates.
- Knowledge and Information Fusion Exchange (KnIFE)-single C-IED TTP and training resource web-site.