

DEPARTMENT OF THE ARMY

Procurement Programs



Committee Staff Procurement Backup Book
Fiscal Year (FY) 2009 Budget Estimates

JOINT IMPROVISED EXPLOSIVE DEVICE DEFEAT FUND

APPROPRIATION

February 2008

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PROGRAM ASSESSMENT

Joint Improvised Explosive Device Defeat Organization (JIEDDO)

JIEDDO's objective is to reduce the strategic influence of all forms of Improvised Explosive Devices (IEDs) against Joint and Coalition Forces. This effort requires the development of the means to help units successfully attack the networks that fund, develop and employ IEDs. It also requires defenses at the point of attack, and training on the use of new equipment and Tactics, Techniques, and Procedures (TTPs). To this end, JIEDDO focuses (lead, advocate, coordinate) all Department of Defense efforts in support of Combatant Commanders and their respective Joint Task Forces to defeat IEDs as weapons of strategic influence.

The Threat. The \$3 trillion annual investment in information technology made commercially each year provides a continuous source of new and affordable commercial communications devices that easily can be adapted to arm and initiate IEDs. These weapons represent the enemy's fires system, their artillery. In Iraq and Afghanistan, the enemy delivers these fires through networks that for centuries have formed the sinews of commerce for tribes and factions—tribal structures created for survival that defy identification. The enemy continues to evolve and adapt IED technology and tactics. The use of anti-armor IEDs, including explosively formed projectiles (EFPs), for example, has increased. Roadside IEDs and more recently truck-borne IEDs continue to target coalition forces. Vehicle-borne IEDs, both suicide and remotely activated, primarily target security forces and civilians. In Afghanistan suicide-vehicle and personnel-borne IEDs have increased dramatically.

The Response. JIEDDO initially focused on building the C-IED program in phases, first fielding capabilities to defend at the point of attack. In parallel, the training organization was grown, called the Joint Center of Excellence (JCOE), to improve training in IED defeat. JIEDDO's focus has grown to encompass offensive enablers. These efforts are paying off as units in the field are making progress against the enemy. Coalition forces are finding and rendering ineffective about half of all IEDs, and while the numbers of IEDs have increased, the numbers of casualties remains fairly constant.

PERFORMING

Moderately Effective – Overall, JIEDDO has set ambitious goals and is well managed. As JIEDDO matures, all elements are continually reassessed and modified as needed to improve effectiveness. JIEDDO ensures spin offs of innovations that have become accepted and continues to renew its focus on developing new capabilities not available through traditional means.

JIEDDO routinely assesses its performance in the following tasks, which support mission accomplishment:

- Serve as the DOD point of coordination and catalyst for initiatives across the full range of efforts necessary to defeat the IED threat.
- Serve as the principal advisor to the Deputy Secretary of Defense and the principal advisor to the Chairman of the Joint Chiefs of Staff on IED Defeat matters.
- Integrate all IED Defeat solutions throughout the Department of Defense, seeking Interagency assistance, as necessary, and identifying innovative near-term solutions.

- Coordinate with other DOD Components for ongoing mid-term research and development initiatives and long-term science and technology efforts.
- Approve Joint IED Defeat initiatives valued up to \$25 million.
- Identify specific timelines and DOD Component leads to sponsor, coordinate, and program approved Joint IED Defeat initiatives and supporting documentation.
- Establish a Joint Common Operational Picture and Joint Common Intelligence Picture of the IED system in the Global War on Terrorism.
- Develop transition plans for proven Joint IED Defeat initiatives into DOD programs of record for sustainment and further integration.
- Coordinate with the DOD Components to develop, publish, and update the DOD IED Defeat Strategic Plan to provide an overarching framework to guide the DOD Components' long-term Counter-IED (C-IED) efforts.
- Establish, maintain, and preserve JIEDDO historical records of organization, functions, policies, procedures, and decisions.
- Designate the chairs of the JTB, the JLB, and the JIPT, as necessary. Designation of chairs from OSD or the other DOD Components shall be coordinated with the appropriate OSD Principal Staff Assistant (PSA) or Head of the DOD Component, as applicable.
- Develop and manage, within the Military Service combat training centers, a distributed Joint Center of Excellence (CoE) for the development of new operational techniques and tactical procedures, and provide a venue for training, experimentation, and testing of new equipment and concepts. Maintain within the CoE a deployable capability to support commanders in the field.
- Rapidly acquire equipment to counter known, newly deployed, and emerging IED threats; ensure that the systems incorporate embedded training and logistic support; that they are fielded with a system for feedback on effectiveness; and that they possess the flexibility for constant product improvement.
- Assist the Combatant Commanders with understanding the IED threat across their areas of responsibility (AORs) and the effectiveness of current and potential counters to that threat. Provide advisory training support to enable comprehensive Military Service and Joint pre-deployment and in-theater training for Joint forces.
- Collect and analyze data from the field to assess the effectiveness of current intelligence support for the Combatant Commanders and their staffs; develop and track responses to priority intelligence requirements; and, in coordination with the operational chain of command, develop new intelligence support and intelligence requirements against IED threats to ensure the Combatant Commanders' needs are met.
- In coordination with the Chairman and the Vice Chairman of the Joint Chiefs of Staff, as part of the DOD program and the planning, programming, budgeting, and execution (PPBE) process, assist the Military Departments in determining the merit of IED Defeat or C-IED

requirement submissions. Review the adequacy of resources proposed by the Military Departments to determine whether they meet Joint IED Defeat objectives and support Combatant Commanders' C-IED plans.

- Maintain the current status of program execution, operational fielding, and performance of approved Joint IED Defeat initiatives.
- Develop resource requirements and appropriate planning documents for establishment of current and future funding needs, including outyear funding requirements.
- Provide budget formulation, presentations, and execution funding control and evaluation.
- Manage the JIEDDO budget, accounting and finance, internal review and related financial management programs, as well as financial management services.

This JIEDDO FY 2009 budget submission is formulated to achieve and initiate the short and long-term outcomes of IED defeat. Additionally, this budget request and the forthcoming Supplemental request provides the necessary resources to support activities required to meet the program annual performance objectives.

Fiscal Year (FY) 2009 Budget Estimates



Attack the Network – Defeat the Device – Train the Force

February 2008

JOINT IMPROVISED EXPLOSIVE DEVICE DEFEAT FUND

Fiscal Year (FY) 2009 Budget Estimates
Joint Improvised Explosive Device Defeat Fund

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**JUSTIFICATION OF FISCAL YEAR (FY) 2009 BUDGET ESTIMATES
JOINT IMPROVISED EXPLOSIVE DEVICE DEFEAT FUND**

APPROPRIATION LANGUAGE

Improvised explosive devices in the hands of insurgents and terrorists continue to be a critical threat to the safety of the United States and coalition forces in Iraq and Afghanistan and pose a threat to longer-term U.S. strategic interests. The use of these relatively inexpensive weapons has grown, as has the technical sophistication of the enemy. The Department of Defense requests for expenses, not otherwise provided for, necessary for FY 2009 Joint Improvised Device Defeat Fund (JIEDDF) in the amount of \$496,300,000 to become available on October 1, 2008 and to remain available until September 30, 2011. The Department requests this funding to support the C-IED activities of the Joint IED Defeat Organization, which requires adequate funding and management flexibility in both the development and fielding of materiel and non-materiel solutions and training the force to defeat IEDs.

**JUSTIFICATION OF FISCAL YEAR (FY) 2009 BUDGET ESTIMATES
JOINT IMPROVISED EXPLOSIVE DEVICE DEFEAT FUND**

APPROPRIATION JUSTIFICATION

(In Thousands of Dollars)	
FY 2009 Estimate	\$496,300
*FY 2008 Budget	\$4,389,000
**FY 2007 Actual	\$4,392,500

*FY 2008 funding total includes \$4,269,000 received in GWOT supplemental (P.L. 110-161)

**FY 2007 funding total includes \$4,353,500 received in GWOT supplemental (P.L. 109-289 and P.L. 110-28)

Part I—Purpose and Scope

This account provides funding for the Joint Improvised Explosive Device (IED) Defeat Organization (JIEDDO). Defeating the strategic influence of IEDs requires a comprehensive approach that combines an aggressive offense with a solid defense. A balance of technology, training, and focused intelligence ultimately will win this campaign. JIEDDO serves as the catalyst for all initiatives across the full range of efforts to counter IEDs by leading, advocating and coordinating all Department of Defense (DOD) actions in support of Combatant Commanders. To that end, JIEDDO operates along four lines of operation to carry out its mission: Attack the Network, Defeat the Device, Train the Force, and Staff and Infrastructure. This organizational structure facilitates collaboration and mission execution across DOD. JIEDDO is established as a joint entity and a jointly manned activity of DOD.

Part 2—Justification of Funds Required

This budget request will fund basic operations and administrative requirements enabling JIEDDO to support current contingency operations, which are funded through supplemental appropriations. Funds are needed to continue to support JIEDDO's unique ability to allow DOD to achieve decisive results from concept to rapidly-delivered capabilities in the effort to defeat IEDs.

The following describes some of the reasoning, processes and specific organizational elements behind the JIEDDO FY 2009 Budget Submission:

JIEDDO leads DOD's actions to find and develop capabilities to counter IEDs and to enable attacks against the networks that emplace them. Diminishing the impact of this threat depends on DOD's continued ability to execute preemptive strikes and to maintain a ruthless cycle of countermeasures that wears down the enemy to a point of strategic irrelevance. Through the synergy created by leveraging the interactions of JIEDDO's Lines of Operation (LOOs), DOD has achieved an unprecedented capability to respond rapidly and effectively to this challenge.

JIEDDO's operating model, the Joint-IED Capabilities Approval and Acquisition Management Process (JCAAMP), utilizes an investment bank approach to assess and develop rapidly emerging technologies and deliver them to warfighters while simultaneously conducting operational

assessments. JCAAMP supports all of JIEDDO's LOOs and rapidly takes both materiel and non-materiel initiatives through evaluation, approval, acquisition and sustainment.

JIEDDO's C-IED Operations Center (COIC) provides near real-time support to deployed units as well as serving as a source of training and new technological approaches to enhancing the ability of forces to successfully attack IED-related networks.

JIEDDO's Joint Center for Excellence (JCOE) is a small, highly flexible, unique organization comprised of four subordinate centers, one for each military Service. Drawing on the insights gained from the COIC's fusion efforts, JIEDDO's Operations Research and Systems Analysis (ORSA) cell and, JIEDDO forward deployed teams, the JCOE inserts tactical realism into unit training. JCOE requirements are informed by the synergy of JIEDDO's LOOs and are supported rapidly through JCAAMP.

**JUSTIFICATION OF FISCAL YEAR (FY) 2009 BUDGET ESTIMATES
JOINT IMPROVISED EXPLOSIVE DEVICE DEFEAT FUND**

LINE OF OPERATION 1: ATTACK THE NETWORK

(In Thousands of Dollars)	
FY 2009 Estimate	\$306,314
*FY 2008 Budget	\$1,298,000
**FY 2007 Actual	\$1,391,914

*FY 2008 funding total includes \$1,258,000 received in GWOT supplemental (P.L. 110-161)

**FY 2007 funding total includes \$1,391,914 received in GWOT supplemental (P.L. 109-289 and P.L. 110-28)

Part I — Purpose and Scope

The offensive portion of the IED fight, Attacking the Network, is the linchpin of our campaign strategy. Over the last year, JIEDDO repositioned itself to align with CENTCOM's campaign plan by dedicating greater resources to this critical line of operation. JIEDDO provides enabling capabilities to Combatant Commanders and their subordinate units to conduct offensive operations against the complex network of financiers, IED makers, trainers, and their supporting infrastructure. This activity supports the procurement of Technical Gaming (opposition force) capabilities in support of attacking the IED network, operations research studies and analysis, and establishing net-centric Counter IED (C-IED) operations in theater.

Part II — Justification of Funds Required

Requested funding for FY 2009 will enhance the capabilities to attack and disrupt the enemy's IED networks. JIEDDO supports the warfighter by fusing information, integrating new capabilities, and developing new tools for modeling and simulation. JIEDDO provides operationally integrated products to deployed forces in order to enable their ability to conduct offensive operations. These resulting C-IED products are then posted or pushed to the warfighter at the lowest tactical levels to meet their latest time of value requirement for planning or execution. JIEDDO also provides critical personnel support to theater in order to supplement current forces' capabilities in providing training support and defeating IEDs and their supporting networks. Today, JIEDDO is responding to a steady increase in demands by providing responsive and quality products to combat forces.

Part III — Program Descriptions

Line of Operation	JIEDDO Requirements	Total
Attack the Network	Intel Operations and Analytical Support to the Warfighter	83,623,483
	C-IED Systems Integration Laboratory	42,761,549
	Subtotal: Attack the Network Functions	126,385,033
	Operational Support to Combatant Commanders	90,796,952
	Operations Research and Systems Analysis (ORSA)	31,058,819
	JIEDDO Test Board	43,841,774
	Technical Gaming	14,231,497
	Subtotal: Analysis and Investment	179,929,043
Attack the Network Total		\$ 306,314,076

Attack the Network Functions:

- **Intel Operations and Analytical Support to the Warfighter:** This funding category provides fused C-IED related information built from a broad spectrum of data sources. The Red Team assesses the adversarial view and provides insights on likely enemy responses. Mobile training teams provide in-depth indoctrination and training to ensure optimal utilization of skills and products to warfighters deployed and during pre-deployment timeframes. This funding category also includes Attack the Network leadership, technical managers, and support staff and all facility costs, including security and equipment needed to operate day-to-day environment and the information and communications architecture that provide data for detailed analysis that facilitate the real-time collaboration with the warfighter.
- **C-IED Systems Integration Laboratory:** The systems integration laboratory develops quick-response 3D modeling which provides visualization of fused products. These support the hasty and deliberate decision making processes of the warfighter. These personnel develop new analytical tools for dimensional modeling and simulation support and capability integration. Warfighters access applications on the Secure Internet Protocol Router (SIPR) and Joint Worldwide Intelligence Communications System (JWICS). This element also conducts simulation support to inform investment decisions and systems integration to inform JIEDDO as it selects appropriate technology for use by warfighters in support of the IED fight.

Analysis and Investment:

- **Operational Theater Support to Combatant Commanders:** Operational Theater Support to Combatant Commanders' funds support activities for JIEDDO Operations and C-IED efforts around the world, with specific focus in Afghanistan and Iraq as part of the overall effort to disrupt and destroy the complex networks that enable IED activities. A major element of this effort is to provide personnel support in theater. JIEDDO hires dedicated, in-depth and integrated subject matter expertise and programmatic support to include, but not be limited to, functional area analysis or missions which include Intelligence-Operations analysts; ORSA analysts; COIC operations and intelligence

subject matter experts and Joint Expeditionary Team (JET) members. JET personnel, along with these other specialized subject matter experts, have major functions which include advising Division Support Cell OICs and supporting Division leaders on C-IED targeting processes; providing resident “on the ground” tactical and operational experience; and aiding in synchronizing staff training for the Divisions during pre-deployment preparation. Additional elements of JIEDDO operational theater support is focused on JIEDDO personnel assigned to in-country task forces. This support includes: communications support, satellite lease time and secure phones, satellite terminals, leasing and/or purchasing non-tactical vehicles, equipment, facility maintenance, facility renovation, and limited security enhancements to training facilities.

- **ORSA:** The funding requested for Operations Research and Systems Analysis (ORSA) supports the execution of five major functions. First, it enables the continuation of efforts to monitor trends in the campaign and identify those anomalies or relationships that should guide investments in C-IED capabilities. Second, it enables the consistent development of relevant and credible analyses in response to requests from deployed units. Third, it ensures that JIEDDO can effectively conduct operational assessments of those initiatives that are deployed in theater; assessments that attempt to quantify the operational impact of the suite of deployed initiatives on the C-IED fight. Fourth, it enables a more disciplined and rigorous approach to develop models that describe and inform the dynamics of the C-IED fight. Fifth, it supports the development and maintenance of the JIEDDO organizational performance metrics. Each of these functions require active and continuous engagement by a number of organizations, to include several Federally Funded Research and Development Centers, academic institutions and support the exchange of data and information that informs CONUS-based analysis.
- **JIEDDO Test Board – Test Support Operations:** The funding requested for the JIEDDO Test Board (JTB) coordinates and synchronizes test and evaluation (T&E) resources with JIEDDO C-IED requirements and priorities in order to ensure all systems are adequately tested and evaluated to provide information to decision makers and the Warfighter. Specifically, funding would allow for the maintenance of T&E protocols and standards and for limited coordination of operational assessments.
- **Technical Gaming:** The funding requested for the Technical Gaming Team will support the execution of three main functions. First, it supports activities tied to characterizing vulnerabilities and limitations in existing and proposed “Blue” Force C-IED countermeasures and equipment. Second, it supports ongoing activities characterizing new adversary methods and technologies for arming and triggering IEDs, to include supply chain and logistics networks. Third, it helps identify future commercial electronics technologies that will be available for IED use.

**JUSTIFICATION OF FISCAL YEAR (FY) 2009 BUDGET ESTIMATES
JOINT IMPROVISED EXPLOSIVE DEVICE DEFEAT FUND**

LINE OF OPERATION 2: DEFEAT THE DEVICE

(In Thousands of Dollars)	
FY 2009 Estimate	\$0
*FY 2008 Budget	\$2,340,000
**FY 2007 Actual	\$2,534,546

*FY 2008 funding total includes \$2,340,000 received in GWOT supplemental (P.L. 110-161)
**FY 2007 funding total includes \$2,495,546 received in GWOT supplemental (P.L. 109-289 and P.L. 110-28)

Part I — Purpose and Scope

Defeating the Device includes all initiatives designed to thwart the impact of IEDs after they are emplaced. This includes technologies that assist in detecting IEDs from greater distances, mitigating blast effects and protecting against blast injuries, and tools to enable troops to safely disarm or detonate IEDs before they can be activated by the enemy. JIEDDO identifies, develops, acquires, and fields technology to Combatant Commanders to find IEDs and defeat them at the point of attack, thereby lowering casualties and enhancing commanders' freedom of action.

Part II — Justification of Funds Required

Funds for this line of operation (LOO) are not requested in this budget.

Part III — Program Descriptions

Projects for this LOO support current contingency operations.

**JUSTIFICATION OF FISCAL YEAR (FY) 2009 BUDGET ESTIMATES
JOINT IMPROVISED EXPLOSIVE DEVICE DEFEAT FUND**

LINE OF OPERATION 3: TRAIN THE FORCE

(In Thousands of Dollars)	
FY 2009 Estimate	\$88,283
*FY 2008 Budget	\$651,000
**FY 2007 Actual	\$404,767

*FY 2008 funding total includes \$603,000 received in GWOT supplemental (P.L. 110-161)
**FY 2007 funding total includes \$404,767 received in GWOT supplemental (P.L. 109-289 and P.L. 110-28)

Part I — Purpose and Scope

The best asset on the battlefield is a well led, well trained, situation ally aware Soldier, Sailor, Airman or Marine. JIEDDO supports demanding individual and collective training requirements to prepare units prior to and during deployment for operations in an intense, fluid IED environment.

Part II — Justification of Funds Required

The JIEDDO training strategy provides a coherent DOD C-IED effort to support the Combatant Commanders and their respective Joint Task Forces to prevent IEDs from having a strategic influence on the US, allies, coalition members, and partner nations. In order to enable joint forces to proactively defeat the IED threat, JIEDDO-sponsored training initiatives facilitate individual and collective training and propagate IED Defeat tactics, techniques and procedures (TTPs) and lessons learned.

Requested funding for FY 2009 accomplishes five key tasks: 1) expands C-IED training to support all Service collective training venues; 2) completes the resourcing of critical C-IED equipment across the same training venues, 3) assists the Services in responding to training requirements by exporting training capabilities to multiple locations simultaneously, 4) provides service members with C-IED training prior to deployment, 5) and fuses IED Defeat training efforts across the Services in an integrated approach supporting a joint operating environment.

Specific programs include: 1) complete the fielding of C-IED equipment for IED detection, render safe, route/area clearance, Counter Radio-Controlled IED Electronic Warfare (CREW) surrogates and analytical tools tied to the C-IED mission, 2) develop mobile training teams with unique expertise in C-IED equipment and battle staff integration in order to train these skills across the services and export this training to meet the needs of deploying forces. 3) expand the means to proliferate successful C-IED TTPs across the Services and 4) maintain a Joint Center of Excellence for all Services as it relates to C-IED training. Funding for JCOE and ancillary training will support the continued baseline organizational structure that commenced in late FY 06 and responds to the massive growth in requirements and expectations placed on the JCOE by the services. FY 2009 funding for the Service Centers of Excellence includes increases to support requirements and also sustains C-IED training lanes, replenishes training consumables, and sets the conditions to execute Service-specific C-IED training tasks.

JIEDDO sponsors C-IED training at each of the Services' major training centers for military personnel. For pre-deployment training, units use C-IED surrogate equipment that replicates actual equipment found in theater. This training is designed for the entire chain of command from the

individual soldier to senior leaders and includes unit collective training. The training consists of seminar work and accompanying practical exercises, which includes topics such as the IED threat and countermeasures, device components, types of attacks, route reconnaissance and clearing, and current in-theater trends. The training, conducted by seasoned C-IED instructors with recent in-theater experience, occurs at home station and at Service training centers. Training personnel are continually rotated in and out of theater to ensure that warfighters about to deploy are receiving information on current and valid experiences with recent theater trends and tactics, techniques, and procedures (TTPs). Specialized units, such as Explosive Ordnance Disposal (EOD) and route clearance teams, are constantly refining their techniques and procedures against IEDs with the assistance of JIEDDO personnel. All embedded Coalition training teams (Military, Border, Police, etc) undergo C-IED training prior to employment.

Part III — Program Descriptions

Line of Operation	JIEDDO Requirements	Total
Train the Force	Surrogates and Equipment	32,352,937
	Training	30,009,484
	Contractor Support	12,637,570
	Administrative and O&M Support Cost	13,282,731
Train the Force Total		\$ 88,282,721

- **Surrogates and Equipment:** This budget category encompasses two sub-categories:
 - **Purchase of Surrogates – Procurement and sustainment:** These elements provide funding for purchase, distribution and sustainment of actual equipment or new surrogates, which will replicate the actual equipment deployed to theater that supports the Counter IED efforts. It also provides for maintenance and sustainment of that equipment. Planned surrogate purchases include: the Mine Resistant Ambush Protected (MRAP) Joint EOD Rapid Response Vehicle (JERRV), next generation CREW surrogate jammers, route clearance equipment and equipment to emulate the electronic environment found in theater.
 - **Procured Equipment Sustainment Costs:** This element funds the maintenance and sustainment of procured items purchased and received in prior years to include the RG-31, Husky, Buffalo surrogate, JERRV and MRAP vehicle. This is an estimate for funding the second year of sustainment for equipment used for training at the JCOE, Service Centers of Excellence and major training venues like the National Training Center, the Joint Readiness Training Center (JRTC), the Joint Multinational Readiness Center (JMRC), 1st Army and Fort Riley.
- **Training:** This budget category encompasses four sub-categories:
 - **Advanced Technical Training Support – Explosive Ordnance Training (EOD); and Joint Asymmetric Threat Awareness and C-IED Initiatives:** These elements cover critical gaps in individual and small unit training. It addresses three concerns: 1) IED Defeat Electronics 2) Advance EOD “Action on Objectives” and 3) Asymmetric Threats to EOD. These elements provide

funds to continue expansion of C-IED awareness training and EOD training in response to identified training gaps. Funds provide Blue Force IED awareness expansion through technical training on devices, lanes, and Tactics Training, and Procedures (TTPs); Weapons Intelligence Team replication at all Combat Training Centers (CTC); Replication of IED Network (Bomb Fusion) expansion at the JMRC and JRTC; Hiring of two "Search," Site Exploitation subject matter experts at all CTCs; and EOD advanced technical training on "Render Safe" TTPs for complex electronics.

- **Search Mission Rehearsal Sites:** This element provides funds to replicate the NTC search Mission Rehearsal Site at Service Training Centers. The prototype at the NTC is a high payoff training environment that can produce highly trained teams which spend less time on site, learn to secure the associated intelligence and forensics on site recognized search opportunities and process the site correctly. The TTPs are directly exportable to home station. This is the fastest expanding training capability for the JCOE as such training is mandated for both theaters of operation. This budget line represents sustainment of equipment and possible expansion of sites to approved locations not funded in prior years.
- **Mobile Training Teams (MTTs):** This element provides funds to continue support of C-IED Mobile Training Teams/Train the Trainer Teams which will provide focused training to the Services and Joint Community. Mobile Training Teams tailor a flexible and responsive training resource in order to adequately prepare deploying service members safely, effectively and efficiently. This element continues to provide funds for ISR Mobile Training Teams in order to shorten a significant knowledge gap between ground forces and the capacity of the other services to provide ISR capabilities. This exportable Joint training package conducts training to BCT / RCT and Battalion staffs on the ISR products, requesting procedures and platform specifics which inform the staffs on how best to utilize these capabilities in theater. It is focused on systems and capabilities in theater now. Though resources are present in theater, staffs below the Corps level find out too late about the joint capabilities that could be leveraged.
- **Other Training Initiatives:** This element will fund a number of miscellaneous, lower cost elements which enhance existing C-IED training capabilities at the CTC, or fill recognized C-IED training gaps. C-IED Lanes upgrade and support is a response to changing TTPs, expansion to other training venues, as approved and also responds to new training devices. As new devices and tactics are employed by both blue and red forces, lanes need to be upgraded to reflect current TTPs, with the ability to have realistic penalties embedded in the training. BIOMETRICS: III Corps Commander in theater personally challenged each of the Army training centers to integrate this training as a pre- deployment essential skill. In response, JCOE has been fielding to the CTCs this capability with Biometrics Automated Tool set and Handheld Interagency Identity Detection Equipment (HIIDE). Future requirements envision these systems to be used in Attack the Network programs.
- **Contractor Support:** This element provides funds for five major projects in which contractor support is critical:
 - Subject matter expert contractor support at three CTC locations for replication of COIC Cell Integration in order to allow deploying BCTs to refine unit operations and rehearse with a COIC Cell prior to deployment to theater where each BCT will have this capability. COIC Integration Cells are being expanded to BCT level at the request of Combatant Commanders (MNF-I & MNC-I).
 - Contractor support to serve as role players at four CTCs: 29 Palms, National Training Center, JRTC and JMRC. Contractors will be integrated into tactical exercises in order to make training scenarios as realistic as possible replicating hostile and non-hostile civilian interaction during mission rehearsal exercises.

- Subject matter expert support for persistent Intelligence Surveillance and Reconnaissance (ISR) training at three different locations to close the significant knowledge gap between staff ground forces below Corps level. Team will provide training on ISR products, requesting procedures and platform specifics used in theater, and this effort will not compete with other training teams.
 - Dedicated contractor support to coordinate all IED Defeat Training and serve as primary interface with IED Defeat Working Group.
 - Contractor support for IED training devices and CREW sustainment. As surrogates become more available to the CTCs, contractor support is required for maintenance, storage, and installation of CREW devices at CTCs. Additionally, it continues C-IED expertise for coordination, management, and implementation at CTCs.
- **Administrative – O&M Support Cost (TDY, Contractor Supply, IT):** This element funds daily operations of the JCOE, its subordinate centers of excellence and major training venues of all the services. It includes TDY costs associated with training and strategic engagements for activities requiring C-IED support. Also included are supplies, fuels, contractor support for staff and infrastructure.

**JUSTIFICATION OF FISCAL YEAR (FY) 2009 BUDGET ESTIMATES
JOINT IMPROVISED EXPLOSIVE DEVICE DEFEAT FUND**

LINE OF OPERATION 4: STAFF AND INFRASTRUCTURE

(In Thousands of Dollars)	
FY 2009 Estimate	\$101,703
*FY 2008 Budget	\$100,000
**FY 2007 Actual	\$61,273

*FY 2008 funding total includes \$68,000 received in GWOT supplemental (P.L. 110-161)

**FY 2007 funding total includes \$61,273 received in GWOT supplemental (P.L. 109-289 and P.L. 110-28)

Part I — Purpose and Scope

The JIEDDO headquarters is organized by command group, special staff (Strategic Communications, Legal, Science Advisor, Operations Research and Congressional Affairs), Secretariat, Resource Management, Technology Requirements Integration, Intelligence, Acquisition Oversight and Operations. JIEDDO Staff and Infrastructure line of operation provides the critical support structure in terms of civilian personnel, facilities and personnel contracts, professional training and information contracts, travel, supplies, etc. that enables the Attack the Network, Defeat the Device and Train the Force lines of operation to produce the results required in the C-IED effort.

Part II — Justification of Funds Required

JIEDDO Staff and Infrastructure funding is critical to support the operational elements that provide the synergy required for JIEDDO to accomplish its mission of reducing the effects of all forms of IEDs against Joint and Coalition Forces ahead of enemy innovations. FY09 funding continues the Staff and Infrastructure effort begun in FY 2006 and 2007 and continues the incremental effort in FY 2008 to support the mission expansion with adjustments to those prior year efforts to reflect our budget request for FY 2009.

Part III — Program Descriptions

Line of Operation	JIEDDO Requirements	Total
Staff and Infrastructure	Civilian Pay	7,826,700
	Intel Contract Support	3,605,313
	JIEDDO Staff & Infrastructure - JIEDDO Enterprise Management system and other IT Projects	13,053,290
	JIEDDO Staff & Infrastructure - OC 21 (TRAVEL)	2,027,209
	JIEDDO Staff & Infrastructure - OC 22 (TRANSPORATION)	940,963
	JIEDDO Staff & Infrastructure - OC 23 (COMMUNICATIONS)	1,561,640
	JIEDDO Staff & Infrastructure - OC 24 (PRINTING)	1,380,147
	JIEDDO Staff & Infrastructure - OC 25 (FACILITIES)	1,896,876
	JIEDDO Staff & Infrastructure - OC 25 (OTHER)	13,257,305
	JIEDDO Staff & Infrastructure - OC 25 (PERSONNEL)	51,124,175
	JIEDDO Staff & Infrastructure - OC 26 (SUPPLIES AND IMPAC CARD)	3,844,790
	JIEDDO Staff & Infrastructure - OC 31(EQUIPMENT)	1,184,795
Staff and Infrastructure Total		\$ 101,703,203

- **Staff and Infrastructure:** This line of operation can be categorized as follows:
 - Funds support functions including government civilian pay and benefits, travel, transportation, communications equipment, and supplies. Travel for JIEDDO includes not only travel within CONUS, but also travel to coalition nations and in and out of theater.
 - Funds transportation costs to transfer equipment, rendered safe IEDs, and weapons to the U.S. from the theater. Furthermore, funding will support contracts for contractors that augment and directly support the review and acquisition of C-IED initiatives. Other major contracts fund information technology (IT) software programs, IT leases, security, facilities leases, facility improvements and furniture and computer acquisition.

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Exhibit P-40, Budget Item Justification Sheet					Date: February 2008				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number: 2193/2093 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		*4,392.5	**4,389.0	496.3	594.9	693.9	792.9	892.1	12,251.6
Flyaway U/C									
Wpn Syst Proc U/C									
<p>*FY 2007 funding total includes \$4,353.5 received in GWOT Supplemental (P.L. 109-289 and P.L. 110-28) ** FY 2008 funding total includes \$4,269.0 received in GWOT Supplemental (P.L. 110-161)</p> <p>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 funding 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.</p>									

Exhibit P-40, Budget Item Justification Sheet (continued)		Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number 2193/2093 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:	
<p>Justification:</p> <p><u>LINE OF OPERATION 1: ATTACK THE NETWORK (\$306,3)</u> Requested funding for FY 2009 will enhance the capabilities to attack and disrupt the enemy’s IED networks. JIEDDO supports the warfighter by fusing information, integrating new capabilities, and developing new tools for modeling and simulation. JIEDDO provides operationally integrated products to deployed forces in order to enable their ability to conduct offensive operations. These resulting C-IED products are then posted or pushed to the warfighter at the lowest tactical levels to meet their latest time of value requirement for planning or execution. JIEDDO also provides critical personnel support to theater in order to supplement current forces’ capabilities in providing training support and defeating IEDs and their supporting networks. Today, JIEDDO is responding to a steady increase in demands by providing responsive and quality products to combat forces.</p> <p><u>LINE OF OPERATION 2: DEFEAT THE DEVICE (\$0.0)</u> Defeating the Device includes all initiatives designed to thwart the impact of IEDs after they are emplaced. This includes technologies that assist in detecting IEDs from greater distances, mitigating blast effects and protecting against blast injuries, and tools to enable troops to safely disarm or detonate IEDs before they can be activated by the enemy. JIEDDO identifies, develops, acquires, and fields technology to Combatant Commanders to find IEDs and defeat them at the point of attack, thereby lowering casualties and enhancing commanders’ freedom of action. All requested funding is included in the Supplemental request.</p> <p><u>LINE OF OPERATION 3: TRAIN THE FORCE (\$88,3)</u> Requested funding for FY 2009 accomplishes five key tasks: 1) expands C-IED training to support all Service collective training venues; 2) completes the resourcing of critical C-IED equipment across the same training venues, 3) assists the Services in responding to training requirements by exporting training capabilities to multiple locations simultaneously, 4) provides service members with C-IED training prior to deployment, 5) and fuses IED Defeat training efforts across the Services in an integrated approach supporting a joint operating environment.</p> <p><u>LINE OF OPERATION 4: STAFF AND INFRASTRUCTURE (\$101,7)</u> This LOO would fund staff and infrastructure to operate JIEDDO. It includes such items as civilian salaries, contract support, travel, supplies, building leases, vehicle lease and purchase and other operating expenses.</p>		