

FY 2014 Overseas Contingency Operations Request



Attack the Network – Defeat the Device – Train the Force

May 2013

JOINT IMPROVISED EXPLOSIVE DEVICE DEFEAT FUND

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Program Assessment

Joint Improvised Explosive Device Defeat Organization (JIEDDO)

The improvised explosive device (IED) persists as the most serious threat to U.S. and Coalition forces. Recognizing the IED as an enduring battlefield condition, JIEDDO's mission is to lead all Department of Defense (DoD) actions and support Combatant Command efforts to eliminate the IED as the predominant strategic weapon against our Nation and its partners. This mission is executed across three concurrent and complementary lines of operation: attacking the networks that employ IEDs, devising ways to defeat the devices employed by our adversaries, and training our forces to counter the threat. This JIEDDO Overseas Contingency Operations (OCO) FY14 Budget Estimate will allow JIEDDO to continue the counter-IED (C-IED) efforts to defeat the global, asymmetric threat posed by IEDs.

The Threat

As the "artillery of the 21st century," the IED requires a dedicated, multi-faceted approach to mitigate and defeat the networks and devices used against American interests. When discussing future threats, it is important both the networks that employ IEDs as well as the devices themselves are considered. The IED is the weapon of choice for the overlapping consortium of networks operating along the entire threat continuum — criminal, insurgent, and terrorist alike. Threat networks use IEDs because they are cheap, readily available, easy to construct, lethal, and effective. The IED is used strategically to cause casualties, create the perception of insecurity, and influence national will. This threat is complex and transnational in nature, representing layers of interdependent, interconnected global threat networks, and support systems.

The mission to disrupt the transnational threat networks employing IEDs, and to defeat the IED itself, requires a comprehensive, seamless effort among all involved agencies. This threat must be met with an approach that integrates efforts and leverages the combined authorities and capabilities of all involved agencies and partners. While we may never stop all IED use, a coordinated approach will significantly impact the effect the IED has in future operations. The IED threat and the networks that employ them are here to stay. This persistent and compelling threat requires us to maintain constant vigilance and enduring counter-IED capabilities.

IEDs will continue to threaten security forces throughout the world, growing in sophistication and frequency as more enemies of peace share information and realize the potential psychological, social, and political impact of this weapon. No other widely available terror weapon has more potential for mass media attention and strategic influence as the IED.

The Response

The asymmetric, global IED threat requires a focused response. JIEDDO was established as a joint entity and jointly-staffed activity of DoD. This organizational structure facilitates collaboration and mission execution across DoD. JIEDDO is organized into three lines of operations (LOOs): Attack the Network, Defeat the Device, and Train the Force. JIEDDO develops the means to successfully disrupt the networks that fund, develop and employ IEDs; rapidly develops and provides defenses at the point of attack; and enables the training of warfighters in the use of new equipment and tactics, techniques and procedures against emerging IED threats. JIEDDO executes a research and development (R&D) portfolio to address current and emerging IED threats and associated technology capability gaps. Staff and Infrastructure provides required support to the mission-oriented LOOs.

In supporting the current fight and reducing effective attacks on the warfighter, JIEDDO's priorities are the six key strategic areas below.

- **Interdict Homemade Explosives and IED Precursors** by disrupting the threat supply chain, including expertise, into Afghanistan and partnering with the Pakistan government to limit the availability of homemade explosive (HME) precursors.
- **Disrupt Global Threat Facilitation Networks** by supporting the capability development of the Afghan National Security Force (ANSF).
- **Identify and Anticipate Threat Tactics, Techniques and Procedures** by improving dissemination of threat assessments and predictions.
- **Rapidly Develop and Integrate Training Capabilities** through improvement of home station training by increasing realism, improved replication of scenarios, and including theater based equipment in training.
- **Proactively Identify Requirements and Rapidly Acquire, Deliver, and Assess Solutions** by incorporating capabilities to mitigate decreased manpower to the battlespace and supporting the repositioning of initiatives in support of the theater drawdown.
- **Support DoD Efforts to Build and Accelerate ANSF Capabilities**

To counter the enduring IED threat, JIEDDO leads the DoD C-IED effort by integrating the five enduring capabilities described below. These enduring capabilities must be scalable, affordable, adaptable, expeditionary, and complement and support a multi-agency effort.

- **Rapid acquisition and fielding** is the scalable ability to employ authorities, flexible resources, streamlined processes, and effective oversight to drive the R&D community to rapidly anticipate, identify, develop, and integrate emerging technologies and concepts into effective fielded C-IED solutions.
- **Operations-intelligence-information fusion and analysis** is an expeditionary and scalable network and analytical capability enabling DoD, other federal agencies, and coalition partners to understand threat-network activities globally by leveraging all available all-source information and intelligence to provide the most accurate, effective, time-sensitive information and counter-network support to Combatant Commanders and, as authorized and when directed, other federal agencies.
- **Training** is the ability to develop, define, and set C-IED and Attack the Network training standards for joint forces in response to Combatant Commanders' requirements and integrate those standards into appropriate joint and DoD concepts and doctrine. In support of Combatant Commander requirements provide training and build partner C-IED and counter-network capacity.
- **Weapons technical intelligence (WTI)** is the ability to conduct relevant and timely collection, analysis, and technical and forensic exploitation of current and emerging IED technologies to swiftly enable force protection, component and materiel sourcing, targeting, countering of threat networks, and expeditious support to prosecution.
- **Whole-of-government approach** is the ability to rapidly synchronize counter-threat network capabilities and actions among joint, interagency (IA), intergovernmental, international, and other federal agencies' C-IED stakeholders through collaborative planning, information sharing, and cooperative capability development to reduce the impact of IEDs on operational forces and the threat to the homeland.

Performance

Since its inception, JIEDDO has achieved success in its mission to defeat IEDs as weapons of strategic influence by reducing the number of US Force casualties and disrupting insurgent networks. JIEDDO's current efforts cover more than 200 projects, including C-IED force protection, exploitation of device signatures, C-IED persistent surveillance, sensor data fusion, and network analysis.

Currently, JIEDDO is focused principally on how to reduce the flow of HME into Afghanistan and to improve Commanders' freedom of maneuver whether by vehicle or on foot. JIEDDO recognizes gains made in these areas must be achieved via a whole-of-government approach and through better information sharing among our partners and allies.

In addition, as chartered by DoD to rapidly acquire C-IED capabilities to deliver solutions to warfighters within 24 months, JIEDDO seeks to transition or transfer proven C-IED initiatives to the Services, COCOMs, or other DOD agencies for lifecycle management and sustainment. Timely transitions and transfers of initiatives not only enable JIEDDO to apply limited resources to the most urgent emerging C-IED requirements, but ensure the developed C-IED technologies are sustained, and continue to be available to aid warfighters in theater. Recent initiatives include:

- Desert Owl: Desert Owl is a multi-sensor suite integrated on a manned C-12 aircraft used for detection of IED observables. JIEDDO transferred to the Army in FY12.
- AFPAK Storm: AFPAK Storm increases analytic resources and access to Quiet Storm data to a wider set of IA partners focused on networks providing lethal aid into AFPAK region, built upon the success of Quiet Storm. JIEDDO transferred to DIA in FY12.
- CEXC Level 2 Support for RC-N & RC-W: CEXC Level 2 Support is a level 2 biometrics and forensics lab providing C-IED post-blast analysis to the warfighter. JIEDDO transferred to the Navy and Army in FY12.

The funds requested for FY14 are needed to support JIEDDO's rapid acquisition capability as well as its R&D efforts to reduce the effect of IEDs as weapons of strategic influence. JIEDDO quickly delivers solutions to the warfighter and develops future solutions to close current and emerging capability gaps. JIEDDO leads DoD's efforts to identify, acquire and develop capabilities to defeat IEDs and the networks that emplace them. The FY14 Joint Improvised Explosive Device Defeat Fund (JIEDDF) estimate provides for continued C-IED capability readiness and for the rapid identification and counter of emerging IED threats to U.S. forces.

Improvised explosive devices (IEDs) in the hands of insurgents and terrorists remain a critical threat to the safety of US Forces in Afghanistan, as well as to longer-term U.S. strategic interests. Easy to produce, inexpensive and effective, IEDs remain a persistent global threat, and while US Forces respond with the most current C-IED measures, the enemy continues to develop a myriad of new threats, ranging from the rudimentary to highly sophisticated, leveraging a myriad of resources and fast-paced technology. The FY14 Budget Estimate for OCO of \$1,000,000,000 will provide the JIEDDO with the necessary funding and management flexibility to influence the operational and tactical situation by rapidly developing and fielding materiel and non-materiel C-IED solutions and to support realistic and timely C-IED training for deployed and deploying warfighters.

Fiscal Year (FY) 2014 Overseas Contingency Operations Request

	(In Thousands of Dollars)
FY14 OCO Request	\$1,000,000
FY13 OCO Budget	\$1,622,614
FY12 OCO Budget	\$2,441,984

PART I – PURPOSE AND SCOPE

The JIEDDF supports the JIEDDO. Defeating the strategic influence of all forms of IEDs against US Forces requires a comprehensive approach that combines an aggressive offense with a solid defense, using the latest technology to maintain a capability that remains ahead of enemy innovations. JIEDDO coordinates DoD actions to rapidly provide C-IED capabilities in support of the Combatant Commands (CCMDs) and to enable the defeat of the IED as a weapon of strategic influence, striking a balance of focused intelligence fusion, technology, and training. JIEDDO is organized into three LOOs which directly carry out its mission: Attack the Network, Defeat the Device and Train the Force. JIEDDO was established as a Joint entity and a jointly-manned activity of DoD. This organizational structure facilitates collaboration and mission execution across DoD. JIEDDO develops the means to successfully disrupt the networks that fund, develop and employ IEDs, and provides defenses at the point of attack. Additionally, JIEDDO provides for the training of warfighters in the use of new equipment and tactics, techniques, and procedures against emerging IED threats until such training can be established and provided by the Services. The FY14 OCO request is formulated to rapidly deliver to the warfighter effective C-IED solutions to eliminate the IED as a weapon of strategic influence.

PART II – JUSTIFICATION OF FUNDS REQUIRED

The JIEDDO FY14 OCO Budget request supports JIEDDO's unique ability to achieve decisive results from concept to rapidly-delivered capabilities to defeat IEDs. Through the synergy created by leveraging the interactions of the LOOs, JIEDDO has achieved an unprecedented capability to respond rapidly and effectively to this challenge. The Joint IED Defeat Capability Approval and Acquisition Management Process (JCAAMP) is the operational model JIEDDO uses to aggressively seek, acquires and assess potential C-IED solutions for operational deployment, often in response to Joint Urgent Operational Needs (JUONs) and in conjunction with the Services. JCAAMP supports all of JIEDDO's LOOs and rapidly takes both materiel and non-materiel initiatives through the evaluation, approval, acquisition, operational assessment, sustainment, and transition phases.

LINE OF OPERATION 1: ATTACK THE NETWORK

(In Thousands of Dollars)	
FY14 OCO Request	\$417,700
FY13 OCO Budget	\$807,500
FY12 OCO Budget	\$936,400

PART I – PURPOSE AND SCOPE

The offensive portion of the IED fight, Attack the Network, is one of the key facets of the Department's C-IED strategy. JIEDDO provides enabling capabilities to CCMDs and their subordinate units to conduct offensive operations against the complex enemy network of financiers, IED makers, trainers and their supporting infrastructure. This activity also supports the procurement of capabilities to attack IED networks and establishes net-centric C-IED operations in theater. JIEDDO has worked closely with U.S. Central Command and other CCMDs to identify and provide critical capabilities to enhance tactical and strategic operations and goals in Afghanistan.

PART II – JUSTIFICATION OF FUNDS REQUIRED

The FY14 JIEDDO OCO request provides the capability to identify, attack, and disrupt the enemy's IED networks. JIEDDO supports the warfighter by developing, procuring, integrating and sustaining new technologies; providing tools for modeling and simulation and fusing intelligence to better identify and attack critical IED capabilities and infrastructure, maximizing effect and minimizing troop exposure. Moreover, this funding will continue to support a key C-IED strategy by creating one common portal for all users to access intelligence fusion sources relevant to the C-IED fight including difficult-to-obtain information from deployed forces; analyzing terrorist groups operating in theater at tactical, operational, and strategic levels, and anticipating the second and third-order effects of adversary adaptation. The decrease reflected in the JIEDDO FY14 request is mainly attributed to the planned reduction of ground forces in Afghanistan as well as the financial posture anticipated at fiscal year end.

PART III – PROGRAM DESCRIPTIONS

Line of Operation	JIEDDO Requirements	Total
Attack the Network	Joint Urgent Operational Need (JUON)	\$32,954,070
	Strategic Investments	\$100,248,000
	Network Attack	\$284,497,930
Attack the Network Total		\$417,700,000

- **Joint Urgent Operational Need (JUON):** Describes emerging, urgent needs identified by Combatant Commanders and their respective joint task forces considered life or combat mission threatening to which JIEDDO rapidly develops and deploys C-IED solutions. The FY14 OCO request includes a requirement for JUONS derived from historical experience as well as current trends and anticipated needs, based on emerging and persistent threats. The request also provides for the sustainment of JIEDDO funded JUON requirements that have not yet been terminated, transitioned or transferred to the Services.
- **Strategic Investments:** Describes non-JUON initiatives that capitalize on opportunities to deploy C-IED materiel and non-materiel solutions outside the JUON process. These initiatives focus on technologies aimed at disrupting IED networks (e.g., financiers, bomb makers, trainers, etc.).
- **Network Attack:** Describes C-IED efforts in disrupting and destroying complex networks. These efforts provide analytical and technological support to warfighters in their operational environment.
 - **Operations and Information Fusion Support:** JIEDDO's C-IED Operations Intelligence Integration Center (COIC) provides real-time, fused, C-IED related information support to deployed warfighters, enhancing their ability to successfully attack the IED networks. The budget request will provide funds for human capital, facilities, critical mission-enabling information technology support, and travel. These programs provide essential support, enabling information fusion and other key activities to be supported.
 - **JIEDDO COIC Analytical Support Team (JCAST):** Operations teams, comprised of military and civilian personnel, who deploy in support of OCO to coordinate the dissemination of new C-IED technologies, tactics, and techniques and act as conduits of information back to JIEDDO.

Network attack reduces capability gaps by eliminating persistent and emerging threats. Through the maintenance of a R&D capability, JIEDDO develops enhancements to existing technologies as well as innovative solutions to IED network threats. These investments are necessary to make network-breaking advancements, and to mature promising technologies so they can be developed and evaluated in theater for fielding.

LINE OF OPERATION 2: DEFEAT THE DEVICE

(In Thousands of Dollars)

FY 14 OCO Request	\$248,886
FY13 OCO Budget	\$393,300
FY12 OCO Budget	\$733,400

PART I – PURPOSE AND SCOPE

The Defeat the Device line of operation develops solutions designed to thwart the impact of emplaced IEDs, including technologies that assist in detecting IEDs from greater distances, mitigating blast effects, protecting against blast injuries, and safely locating, disarming or detonating IEDs before enemy activation. JIEDDO delivers solutions to Combatant Commanders to find and defeat IEDs at the point of attack, thereby reducing casualties and enhancing commanders' freedom of action.

PART II – JUSTIFICATION OF FUNDS REQUIRED

The JIEDDO FY14 OCO request will fund efforts to prevent, neutralize and mitigate the effect of IEDs. JIEDDO supports the warfighter by developing, procuring, integrating and quickly deploying new materiel solutions, as well as conducting research and development to identify better solutions and maintain technological superiority in the C-IED fight. Newly developed C-IED capabilities are rapidly fielded to the warfighter to achieve maximum tactical and operational advantage in the IED fight.

PART III – PROGRAM DESCRIPTIONS

Line of Operation	JIEDDO Requirements	Total
Defeat the Device	Joint Urgent Operational Need (JUON)	\$82,130,335
	Strategic Investments	\$166,755,665
Defeat the Device Total		\$248,886,000

- The Defeat the Device LOO develops and provides capabilities to warfighters to detect, neutralize and mitigate IEDs and their effects. The detect functional capability is the extraction of information from objects and activities associated with IEDs (fabrication, transportation, and employment) or components of IEDs in sufficient time to achieve a favorable outcome. The neutralize functional capability provides the means to disable, disrupt or pre-detonate IEDs or their sub-components. The

mitigate functional capability lessens or minimizes the severity of IED-related events through enhancement of protection. New capabilities will enhance the protection of military personnel by providing U.S. military forces additional means for detecting, neutralizing, and mitigating the blast effects of IEDs. This OCO budget request will fund efforts to provide the following capabilities:

- Detect, neutralize, pre-detonate, or mitigate buried IEDs or pressure initiation devices: Buried IEDs are emplaced on or under the ground with the intent to detonate them beneath vehicles and personnel. The most common initiators for buried IEDs are pressure switches and command wires. Detecting buried IEDs is a significant technical challenge. JIEDDO's investments will encompass technologies intended to directly detect the device. JIEDDO will invest in technologies intended to detect signs of emplacement by change detection or by identifying the characteristic signatures of disturbed earth and other artifacts.
 - Provide stand-off detection and confirmation of explosives or chemical compounds associated with IEDs: Explosives detection is defined as the ability to find explosives associated with a threat when there is no prior evidence of the presence of a target material or other cueing indicator. Explosives confirmation is the ability to determine the composition of a material at a suspicious location.
 - Detect, neutralize or mitigate person-borne and vehicle-borne IEDs: Person-borne IED (PBIED) detection and verification requires fast, multimodal, surreptitious interrogation of each individual in a moving, unstructured crowd from a standoff distance. Vehicle-borne IED (VBIED) detection and verification requires similar interrogation of a moving vehicle in traffic from a stand-off distance. This budget request supports JIEDDO's efforts to develop components and system-of-systems technologies that will improve DoD capability to detect PBIEDs and VBIEDs.
- **Joint Urgent Operational Need (JUON):** Describes emerging, urgent needs identified by Combatant Commanders and their respective joint task forces considered life or combat mission-threatening to which JIEDDO rapidly develops and deploys C-IED solutions. The FY14 OCO request includes a requirement for JUONS derived from historical experience as well as current trends and anticipated needs, based on emerging and persistent threats. The request also provides for the sustainment of JIEDDO funded JUON requirements that have not yet been terminated, transitioned or transferred to the Services or other agencies.
 - **Strategic Investments:** These funds support non-JUON initiatives capitalizing on opportunities to deploy C-IED materiel solutions outside the JUON process. These initiatives focus on new and emerging technologies aimed at detecting, neutralizing, and mitigating IEDs.

This category also provides funds for efforts to address persistent and emerging threats by diminishing associated gaps. Through the maintenance of a robust R&D capability, JIEDDO provides enhancements to existing technologies as well as innovative solutions to emplaced IED threats. These investments are necessary to make advancements and to mature technologies so that they can be developed and evaluated in theater for fielding, including those solutions addressing the complex and ever-changing scope of some threats and capability gaps, necessitating a slightly longer and larger investment. This funding provides JIEDDO the flexibility to react quickly to more sophisticated threats and maintain technologically superior capabilities to address threats that are likely to follow.

LINE OF OPERATION 3: TRAIN THE FORCE

(In Thousands of Dollars)	
FY14 OCO Request	\$106,000
FY13 OCO Budget	\$119,000
FY12 OCO Budget	\$129,350

Part I – PURPOSE AND SCOPE

The best asset on the battlefield is a well-led, trained, situationally aware Soldier, Sailor, Airman, or Marine. JIEDDO supports demanding training requirements to prepare units prior to and during deployment for operations in an intense, fluid IED environment. To enable Joint Forces, in partnership with Coalition Forces, to proactively defeat the IED threat in continuing operations, JIEDDO-sponsored initiatives provide individual and collective training for new capabilities including equipment, tactics and procedures, and embed IED defeat tactics into small unit and individual practices to reduce effective IED attacks.

PART II – JUSTIFICATION OF FUNDS REQUIRED

The FY14 OCO request funds critical C-IED training equipment, permits JIEDDO to export training capabilities to multiple locations, funds pre-deployment C-IED training to service members, and funds development of practices that fuses IED defeat training efforts across the Services in an integrated approach that supports a Joint operating environment.

JIEDDO sponsors C-IED training at each of the Services' major training centers for military personnel. For pre-deployment training, units use working C-IED equipment. If it is not feasible or practical to use actual equipment, surrogate equipment replicating actual equipment found in theater is used. This training is designed for the entire chain of command from the individual warfighter to the senior leader, and includes unit collective training. Training consists of seminar work and accompanying practical exercises, covering topics such as the IED threat and countermeasures, device components, types of attacks, route reconnaissance and clearing, and current in-theater trends. The training, supported 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 deploying warfighters are receiving information on current theater trends and valid experience with C-IED tactics, techniques, and procedures. Specialized units, such as the Explosive Ordnance Disposal (EOD) and route clearance teams, are constantly refining their techniques and procedures against IEDs with the assistance from JIEDDO personnel. The decrease from the FY13 request to the JIEDDO FY14 request is mainly attributed to the planned reduction of ground forces in Afghanistan and an improved FY12 yearend financial posture.

PART III – PROGRAM DESCRIPTIONS

Line of Operation	JIEDDO Requirements	Total
Train the Force	Counter-IED Training Support	\$106,000,000
Train the Force Total		\$106,000,000

- **Counter-IED Training Support:** Joint C-IED training saves lives and significantly enhances C-IED effectiveness. Troops in the field who are comprehensively trained, situationally aware, and who know their gear will mitigate the effects of enemy IED employment. Given the joint nature of the IED response and need to respond to the ever-changing nature of the IED threat, JIEDDO is considered by the Combatant Commanders as the provider of choice for this critical training. In conjunction with input from the field, and requests from Combatant Commanders, efforts in the following training venues are used to ensure identified C-IED training gaps are closed expeditiously:
 - Non-materiel Training Solutions: Provides a train-the-trainer capability in support of pre-deployment training.
 - Live, Virtual, Constructive, Gaming (LVCG): Provides C-IED LVCG training capabilities to mitigate near-term training gaps.
 - Training Capacity: Improves the through-put of a C-IED training capability until a Service can accommodate the new requirements.
 - Materiel Support: Provides C-IED equipment currently employed in theater not readily or immediately available for pre-deployment training.
 - Training Environment: Sets conditions at combat training centers, home stations, and other major venues that facilitate training under realistic conditions. JIEDDO works in concert with a Service's long-range plan for improvements to and modernization of training environments.
 - Proliferation of Tactics, Techniques and Procedures (TTPs): Provides a capability assisting in TTP development, as well as training on TTPs currently applied in theater.

STAFF AND INFRASTRUCTURE

	(In Thousands of Dollars)
FY14 OCO Request	\$227,414
FY13 OCO Budget	\$302,814
FY12 OCO Budget	\$642,834

Part I - PURPOSE AND SCOPE

JIEDDO's staff and infrastructure programs provide critical support to operational efforts in terms of civilian personnel, mobilized military, contractor support services, information technology, travel, and supplies that enable the organization to conduct its mission effectively. JIEDDO headquarters is comprised of the Command Group, Director's Special Staff, Deputy Director for Rapid Capability Delivery, Deputy Director for Operations/Intelligence Integration, Deputy Director for Training, and Deputy Director for Information Enterprise.

PART II - JUSTIFICATION OF FUNDS REQUIRED

The JIEDDO FY14 OCO Budget Estimate for Staff & Infrastructure provides funds for strategic planning, workforce continuity, infrastructure requirements, and technology development to support JIEDDO's mission needs. This Staff and Infrastructure Budget funds critical programs previously imbedded in the three LOOs described earlier. These programs were moved to the staff and infrastructure portion of the budget at the recommendation of Congress. The JIEDDO FY14 total request for staff and infrastructure is \$227,414,000. The OCO staff and infrastructure request provides the necessary resources to support a scalable workforce and associated mission support expenses required for the OCO expected during this fiscal year.

PART III – PROGRAM DESCRIPTIONS

	JIEDDO Requirements	Total
Staff and Infrastructure	Human Capital:	\$156,912,093
	Civilian Personnel	\$63,699,091
	Contractor Support Services (CSS)	\$83,421,071
	Reserve MOB DES	\$9,791,931
	Information Technology / Communications	\$39,064,653
	Facilities	\$24,329,957
	Travel	\$1,644,430
	Other (Supplies)	\$5,462,867
Staff and Infrastructure Total		\$227,414,000

The JIEDDO FY14 Staff and Infrastructure OCO request will fund the following:

- Human Capital:** This request supports JIEDDO’s efforts to staff the organization with the proper mix of military, government civilians, and contractor support with the focus of putting the appropriate skill sets in required positions. Building a well-balanced, world-class workforce with the knowledge, skills, and abilities necessary to accomplish JIEDDO’s mission both now and in the future requires the institution of a robust framework of policies and processes to attract, develop, and retain quality people. While this request does not support an increase in JIEDDO manpower, it does incorporate, on a one-for-one basis, the conversion of contract manpower equivalents (CME) to government civilian billets in accordance with the Deputy Secretary of Defense’s “In-sourcing Contracted Services – Implementation Guidance” signed May 28, 2009. Additionally, this request provides funding for mobilized reservists to provide scalable support to the JIEDDO workforce, providing critical skills and experience.
- Information Technology / Communications:** This request funds the maintenance and replacement of hardware and software; the enhancement and maintenance of the JIEDDO Enterprise Management System (JEMS); records management; and software licensing support within a strategy that enables JIEDDO to accomplish its C-IED missions in a secure, net-centric, knowledge-based environment. Communication enhancements and technological upgrades will continually be sought and integrated into the physical layout to further enhance JIEDDO’s efficiency and productivity.

- **Facilities:** This request funds the physical infrastructure supporting JIEDDO's workforce. Facility costs support the full complement of personnel and allows for the close coordination and facilitation of group meetings in a secure environment.
- **Travel:** This request supports JIEDDO's efforts to obtain information, achieve coordination with CCMDs, coordinate and oversee training, distribution of materials, testing of equipment, policies and processes, and generally to maintain relevance to the warfighter, domestically and internationally.
- **Other (supplies):** This request provides funding for other costs including supplies, routine repair and replenishment of office equipment, and other office activities.

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Exhibit P-40 Budget Item Justification				Date: May 2013				
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)	FY 12	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	Total
Proc Qty								
Gross Cost								
Less PY Adv Proc								
Plus CY Adv Proc								
Net Proc (=P-1)								
Initial Spares								
Total Proc Cost	\$ 2,441.9**	\$ 1,902.8**	\$1,000.0	237.7	244.5	248.6	253.4	\$7,235.6
Flyaway U/C								
Wpn Syst Proc U/C								
** Combination of Base and OCO								
DESCRIPTION:								
<u>Joint Improvised Explosive Device Defeat Organization (JIEDDO) (\$1,000.0M)</u>								
<p>The JIEDDF is the principal funding source for JIEDDO. Defeating the strategic influence of all forms of IEDs against US Forces requires a comprehensive approach that combines an aggressive offense with a solid defense, ahead of enemy innovations. Recognizing the IED as an enduring battlefield condition, JIEDDO's mission is to lead all DoD actions and support CCMD efforts to eliminate the IED as the predominant strategic weapon against the nation and its partners. This mission is executed across three concurrent and complementary lines of operation: attacking the networks that place IEDs, devising ways to defeat the device, and training forces to counter the threat. JIEDDO develops the means to successfully disrupt the networks that fund, develop and employ IEDs; and provides defenses at the point of attack. Additionally, JIEDDO enables the training of warfighters in the use of new equipment and TTPs against emerging IED threats. The FY 14 estimate is formulated to maintain C-IED capability readiness in support of existing and emerging Overseas Contingency Operations; and to rapidly deliver effective C-IED solutions that seek to eliminate IEDs as weapons of strategic influence.</p>								

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Overseas Contingency Operations Request (\$1,000.0M):

IEDs remain a critical threat to the safety of US Forces in Afghanistan, as well as to longer-term U.S. strategic interests. This request allows JIEDDO to bring its unique rapid acquisition capabilities to bear in support of the current overseas contingency operations to quickly close emerging capability gaps and deliver timely C-IED solutions to the warfighter. JIEDDO leverages the synergy created by the interactions of its lines of operation and uses the JCAAMP as its operational model to aggressively seek, acquire and assess potential C-IED solutions for operational deployment; most of which are fielded in direct response to JUONs and in conjunction with the Services. This process enables JIEDDO to rapidly acquire systems and develop capabilities to meet warfighter needs, normally within 2 to 24 months, transitioning to the Services those initiatives ultimately determined to be a Service-related C-IED capability.

Line of Operation 1: Attack the Network (\$417.7M)

Attack the Network Overseas Contingency Operations Request (\$417.7M):

FY14 OCO request will furnish the means to develop and deliver capability solutions designed to identify attack and disrupt the enemy's IED networks. JIEDDO supports the warfighter by developing, procuring, integrating and sustaining new technologies, tools for modeling and simulation, and fusing intelligence. The Attack the Network line of operation includes actions and activities designed to reduce IED effects and interrupt the enemy's chain of IED activities by identifying and exploiting vulnerabilities and enabling offensive operations. This effort is accomplished through intelligence, surveillance, reconnaissance, counter-bomber targeting, technical and forensic exploitation of devices, and persistent surveillance directed towards defeating the enemy's capabilities.

Line of Operation 2: Defeat the Device (\$248.9M)

Defeat the Device Overseas Contingency Operations Request (\$248.9M):

The FY14 OCO request supports the development and fielding of materiel solutions to emerging JUONs as well as the sustainment of those JUONs previously funded by JIEDDO; up to the point they are transferred or transitioned to the Services or other agencies or terminated. Funds are also required to make initial investments to counter emerging threats and to capitalize on unforeseen opportunities to deploy C-IED materiel solutions outside of the JUON process. These resulting C-IED materiel solutions are then made available to the warfighter at the appropriate levels to support operational planning and execution. This request will support efforts to provide the following capabilities: detect, neutralize or mitigate buried IEDs or pressure initiation devices; provide stand-off detection and confirmation of explosives or chemical compounds associated with IEDs; detect, neutralize, or mitigate PBIEDs and VBIEDs; and airborne detection systems.

UNCLASSIFIED

Line of Operation 3: Train the Force (\$106.0M)

Train the Force Overseas Contingency Operations Request (\$106.0M):

The FY14 OCO request enables JIEDDO to procure critical C-IED training equipment, export training capabilities to multiple locations, provide pre-deployment C-IED training to service members and fuse IED defeat training efforts across the Services in an integrated approach supporting a Joint operating environment. JIEDDO sponsors C-IED training for military personnel at each of the Services' major training centers designed for the entire chain of command from the individual warfighter to the senior leader, including unit collective training. Training support consists of seminars and practical exercises, covering topics such as the theater-specific IED threat and countermeasures, device components, types of attacks, route reconnaissance and clearing and current in-theater trends. The training is supported by seasoned C-IED instructors with recent in-theater experience and occurs at both home station and Service training centers. Training personnel are continually rotated in and out of theater to ensure deploying warfighters are receiving information on current theater trends and combat proven C-IED TTPs. For pre-deployment training, units use C-IED surrogate equipment replicating actual equipment found in theater. Specialized units such as the EOD and route clearance teams, constantly refine their techniques and procedures against IEDs with the assistance of JIEDDO personnel.

Staff and Infrastructure (\$227.4M)

Staff and Infrastructure Budget Estimate (\$227.4M):

The FY14 OCO request reflects JIEDDO's enduring mission to defeat the global and long-term IED threat. The request supports JIEDDO's critical support structure in terms of infrastructure, contractor support, and other operational support at the COIC and JCOE, as well as JIEDDO's testing, modeling, and evaluations functions to accurately assess the performance of new technologies. Funds also support headquarters administrative and operational support functions which provide command direction, process identification and improvement, comptroller functions, planning functions, liaison with CCMDs, information management support including collaboration with DoD to establish a comprehensive database for all C-IED efforts, and other necessary support to enable JIEDDO to execute its mission.