



CTTSO

Combating Terrorism Technical Support Office

Explosive Ordnance Disposal/ Low-Intensity Conflict



Advance Planning Briefing for Industry

17 February 2009



Mission

The Explosive Ordnance Disposal/Low-Intensity Conflict (EOD/LIC) program provides Joint Service EOD and Special Operations Forces with advanced technologies and mission-focused solutions required to address current and emerging threats presented by unconventional and asymmetric warfare.



Program Membership

- **Army Asymmetric Warfare Group**
- **Joint Service EOD**
- **Navy Expeditionary Combat Command**
- **USSOCOM**



2008 Success Stories

- **Developed a disposable receiver for the Mini-Demolition Remote Firing Device (DRFD)**
 - **USMC and Air Force plan to procure these for existing kits**
 - **Unit cost: \$600**
 - **www.a-tolutions.com**





FY10 Requirements

- **R2476 Fast Rope Safety**
- **R2477 Hand-held Underwater Acoustic Firing Device**
- **R2478 MK16 Underwater Breathing Apparatus (UBA) Mask**
- **R2479 Modular Disruptor**



R2476 Fast Rope Safety

- **Develop a mechanical, non-powered tool to slow down and stop personnel**
 - **Maintain ability to quickly descend**

- **Must support a full combat load plus body armor**
 - **Over 100 pounds plus body weight**



R2476 Fast Rope Safety (*cont'd*)

- **Device shall quickly attach to and disconnect from the rope**
- **Must be operated using hands only**
- **Require minimum effort to control speed**



R2477 Hand-held Underwater Acoustic Firing Device

- **Develop small transmitter and receiver for underwater use**
- **Receiver**
 - **Dimensions \leq 5.5 in by 3 in by 1.5 in**
 - **Waterproof to 340 feet**



R2477 Hand-held Underwater Acoustic Firing Device (*cont'd*)

➤ **Transmitter**

- **Dimensions \leq 10 in by 10 in by 7 in**
- **Minimum operating depth = 3 feet**

➤ **Transmit distance**

- **Minimum = 900 feet**
- **Threshold = 1500 feet**

➤ **MIL-STD-1911A compliant**



R2478 MK16 UBA Mask

- **Develop an internal display for the M48 dive mask**
- **Display primary and secondary information for the MK 16 UBA**
- **Low mu**
 - **Less than five gamma at 4.5 inches**



R2479 Modular Disruptor

- **Develop a single kit that duplicates the ballistic profiles of current EOD disruptors**
 - **Intent is to minimize equipment an operator has to carry**
- **Operate electrically and non-electrically**
- **Kit shall weigh less than 70 pounds and fit into one case**



Contact Information

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