Improved Flash Bang Grenade (IFBG)

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Distribution Statement A - Approved for Public Release
Background

  - Increment I – Mk 141 – Removed from Service Use Due to Safety Issues
  - Increment II – BTV-1 – Currently used by USMC
  - Increment III – IFBG – Follow-on Spiral with Increased Capability and Enhanced Safety Characteristics
Project Goals

• DESCRIPTION:
  • Develop and Procure a Safer, More Effective, Hand-employed Flash-bang Grenade With Greater Light Output That Increases Duration Of Flash-blindness and Generates Debilitating Sound Pressure Levels.
  • Removal of Harmful Perchlorates Improves Safety to The Warfighter, and Improves Environmental, Health & Safety Compliance

• FISCAL YEAR OBJECTIVES:
  • Technical Development and Testing Prototypes
  • Early User Assessment
  • Milestone B Decision
  • Signed Capability Production Document (CPD)
  • Initiate Competition for Bid Sample Testing
Development Goals

• Develop and Procure a Flash-Bang Grenade with the following Characteristics:
  – Increased Duration of Human Incapacitation
  – All Human Effects are Reversible – No Permanent Injuries
  • Increase Total Light Output to Increase Duration of Reversible Flash-Blindness (Threshold = 10 seconds)
  • Maintain Pressure Levels to Safely Startle / Confuse Target Subjects
  • Elimination of Harmful Perchlorates in Payload. Perchlorates have a Negative Impact on the Environment and the Warfighters that Train with & Use Flash-Bang Grenades
## Near Term Schedule

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Sources Sought Information

• Sources Sought Synopsis was Released on 31 Jan 08. Copies Available today

• AFRL Flash-Blindness & Glare Modeling Publication (Kosnick & Smith, May 2003) Also Available Today (Approved for Public Release, Distribution Unlimited)

• Request for Proposals will be Released in September 08

• Industry Day will be Held in September 08 Immediately after release of the RFP to Clarify Requirements and Evaluation Methods
Questions?

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