



**13 -- 70 MM Multipurpose Penetrator**

**Solicitation Number:** H9222-06-R-0012

**Agency:** Other Defense Agencies

**Office:** U.S. Special Operations Command

**Location:** Headquarters Procurement Division

**Notice Type:**

Presolicitation

**Posted Date:**

February 28, 2006

**Response Date:**

March 13, 2006

**Archiving Policy:**

Automatic, on specified date

**Archive Date:**

March 28, 2006

**Original Set Aside:**

N/A

**Set Aside:**

N/A

**Classification Code:**

13 -- Ammunition & explosives

**NAICS Code:**

332 -- Fabricated Metal Product Manufacturing/332993 -- Ammunition (except Small Arms) Manufacturing

**Synopsis:**

Added: February 28, 2006

The United States Special Operations Command (USSOCOM) desires the acquisition of a multi-purpose warhead for use on the 2.75 inch hydra rockets fired from Special Operation Forces (SOF) aviation platforms. USSOCOM intends to qualify a multi-purpose warhead that is effective against an array of targets to include buildings, bunkers and ships. (1) Penetration: When mounted on a MK66 rocket motor and fired, the warhead will function after penetrating 24 inches of reinforced concrete and four feet of timber/earthen bunkers at typical engagement ranges. (2) Non-Developmental / In Service Status: The multi-purpose warhead must be non-developmental and qualified by other allied North Atlantic Treaty Organization (NATO) countries. (3) Mass/Center of Gravity (CG) Flight Characteristics: When mounted on a Hydra rocket motor, the warhead will have a similar mass and center of gravity when compared to the M229/M151 warhead to insure minimum need to change supporting fire control instrumentation (weapon racks) or effect ongoing spiral developments (precision kill weapon system). (4) Incendiary Effect: The multi-purpose warhead must provide an incendiary effect to create secondary fires after

impact. (5) Training Warhead: It is desired that the vendor provide an inert day/night warhead (to replace the M274) warhead that provides a visible hit signature. The new warhead should minimize unexploded ordnance (UXO) hazards. When deployed overseas, the new warhead should allow SOF forces to conduct training on allied ranges without creating UXO hazards or creating in-advertent range fires. (6) Facilities, Expertise and Safety: These warheads should meet stringent Navy Weapon System Explosive Safety Review Board (WSESRB) requirements /standards. The warheads should provide for reduced reaction from outside stimuli (Insensitive Munitions (IM) characteristics and provide for good performance after undergoing storage in various environments. \*\* Responses to this market survey are due on or before 13 Mar 2006 and must include a product description with performance parameters and a statement regarding current availability, summary of prior testing, test reports, summary of logistic and maintenance requirements and an estimated cost for the price of test articles and production units. This synopsis does not constitute an Invitation for Bid or Request for Proposals, and is not to be construed as a commitment by the government to issue an order or otherwise pay for the information solicited. Interested Parties should reply by submitting a White Paper no later than 13 Mar 2006. Questions may be submitted in writing to Mr. William Andrews at the above address or via email to [william.andrews@socom.mil](mailto:william.andrews@socom.mil). Interested Parties who are willing to provide qualified warheads at no cost for USSOCOM testing should so indicate in the submitted white paper. No further information is available from the contracting office.

**Contracting Office Address:**

Other Defense Agencies, U.S. Special Operations Command, Headquarters Procurement Division, 7701 Tampa Point Blvd, MacDill AFB, FL, 33621-5323

**Place of Performance:**

TBD

**Point of Contact(s):**

Tina Lopez, Contract Specialist, Phone 813 828 7063, Fax 813 828 7504, Email [lopezt@socom.mil](mailto:lopezt@socom.mil) - Dorothy Lewis, Contract Specialist, Phone 813-828-6526, Fax 813-828-7504, Email [lewisd@socom.mil](mailto:lewisd@socom.mil)

---

**Opportunity History**

■ **Original Synopsis**

Feb 28, 2006

12:00 am