United States Special Operations Command

NDIA Small Arms Systems Annual Symposium
17 May 2005
SOF Combat Assault Rifle (SCAR)

- **Requirements**
  - Two Variants:
    - 7.62mm SCAR-Heavy
    - 5.56mm SCAR-Light
    - 90% Ergonomic Compatibility
    - 70% Parts Commonality
  - Modularity
    - Carbine
    - Sniper Rifle
    - Close Quarter Combat
    - Integrated with Enhanced Grenade Launcher Module

- **Next Events**
  - Jul-Sep 05 – Full DT/OT
  - Fielding Decision ~Dec 05
Seeking Replacement for M9, MK23 & P226 with a single COTS Pistol

Potential Cooperative USSOCOM, Army & USMC Effort

Desired Capabilities:
- Ergonomic .45 cal ACP and +P
- Two Versions: with & without External Safety
- Magazine capacity of 8 rounds
- Dual/Single Action or Dual Action Only (Striker-Fired Action OK)
- Laser Aiming Module
- Suppressor(s)
- Modular Holster fits Accessories

RFP Expected June 2005
**Precision Sniper Rifle**

- **Seeking Medium Anti-Personnel Sniper Rifle to Replace:**
  - MK13 (.300 Win Mag)
  - M107/M82A1 (.50 cal.)

- **Desired Capabilities:**
  - Caliber .30 – .50 TBD
  - 90% probability of 1st round hit at 1200m – 1400m (Accurate to One MOA to 1200m)
  - Semi-Automatic
  - Weight: ~25 lbs
  - Length: Collapsible/Folding Stock (Carry without removing Barrel and Requiring Re-Zero)

- **Anti-Materiel Capability via Munitions (One Shot – One Kill)**

- **Requirement Document is in Draft**
Ammunition Programs

- **5.56mm & 7.62mm:**
  - One Shot – One Kill
  - Accuracy (<2.0 MOA Accuracy, <.5 MOA Variance, Between Lots)
  - Reduced Cost (< $0.30 Per Round)

- **12 Gauge Breaching Rounds**
  - Single Shot Door Breaching (Current SBIR Program)

- **40mm: Current Programs**
  - Air Bursting HE: USSOCOM
  - HEPD PIP: USMC & USSOCOM
  - HE Fragmentary: USSOCOM
  - IR Tactical Marking: USSOCOM
  - Day/Night Trainer: Army-USSOCOM

- **40mm: New Programs**
  - Air Bursting HEDP
  - Door Breaching 40mm (Current SBIR Program)
Summary

• Weapons:

  One Shooter –
  One Set of Reflexive Shooting Skills

• Sniper:

  Improve Range & Effectiveness

• Munitions:

  One Shot – One Kill
  (Anti-Personnel & Anti-Materiel)

  40mm is Here to Stay