



PROGRAM EXECUTIVE OFFICE SOLDIER

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FOR THE BEST

# Load-Carrying Equipment

Advanced Planning Brief for Industry

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# MOLLE Procurement Status



- Two awards made by Natick Contracting in Aug 06 for MOLLE sets
  - 5-year IDIQ
  - 899,492 Rifleman sets, and Large Ruck sets plus other CLINs
  - Large business 70%, SDS/BAE Systems
  - Small business 30%, Michael Bianco/Eagle Ind.
  - Contracts will fulfill initial fielding requirements for MOLLE through 2011



# MOLLE Procurement Status



- DO # 9 was awarded to BAE in Feb 09 for 50,143 rifleman sets and 50,143 large ruck sets. 5000/month, May 09-Feb 10.
- DO #10 was awarded to Eagle in Feb 09 for 19,140 rifleman sets and 19,140 large ruck sets. 5000/month, May 09-Aug 09.
- 66,000 left to procure to reach Army Acquisition Objective of 966,000



# MOLLE Sustainment



- DSCP Sustainment contract awarded to BAE Systems June 2008
- 3-year contract
  - Base year, plus 2 option years for 62 MOLLE items
  - Base Year Quantities (min/max)
    - Rifleman Sets – 10,500/50,000
    - FLC – 30,000/50,000
    - Assault Pack – 12,000/70,000
    - Large Ruck Sets – 21,000/60,000



# MOLLE Waterproof Liner Fabric



## Additional double coated fabric sources (for welded construction) sought that meet the following requirements:

- Weight 6.0-7.5 oz/sq yd
- Fabric break strength warp x fill 150 x 150 lb min. ASTM D-5034
- Tear strength warp x fill 3.0 x 2.5 lb min ASTM D-1424
- Stiffness TAPPI T-451 2/
  - 70 degrees 10 cm max
  - -40 degrees 15 cm max
- Dynamic Absorption 4.0 % max AATCC-70
- Blocking Rating No. 2, max ASTM D-751, Blocking Resistance at Elevated Temperatures
- Hydrostatic Resistance Initial 150 psi, min ASTM D-751
- After Cold Crack, -20 F, 120 psi, min



# MOLLE Waterproof Liner Fabric



- Hydrostatic Resistance
- After Accelerated Aging 120 psi, min ASTM D-751
- After Flex Fatigue; 120 psi, min ASTM F-352 for 1000 flex cycles.
- After Weapon Lubricant Contamination 120 psi, min, 3 drops, 16 hours
- After Strength of Coating 120 psi, min 2 ASTM D-751
- After DEET Contamination 120 psi, min, 3 drops, 16 hours
- After abrasion 120 psi, min, ASTM D-3886



# Possible FY09 Solicitations



- MOLLE Large Waterproof Liner – Partial Ability One set aside. Mil-spec. production contract.

