



PROGRAM EXECUTIVE OFFICE SOLDIER

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FOR THE BEST

# Mountaineering Equipment

Advanced Planning Brief for Industry

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# Mountaineering Equipment



**OBJECTIVE:** Improve Soldier mobility in a high angle/mountainous environment by increasing safety while enhancing day and night capability

**NSNs:** TBD

- Intended to support platoon sized unit

## ▪SYSTEM DESCRIPTION:

- All materials off Multi-kit system for mountain operations that incorporates state-of-the-art materials and design improvements.
- Improved performance, light weight minimal bulk.
- Provides safer movement for Soldiers moving over steep and vertical earth, rock, snow, ice, and buildings
- High Angle Mountaineering / Minimally Trained PLT
- Assault Climber Team Kit / Assault Climbers
- Snow & Ice Mobility Kit/Highly Trained PLT at High Altitude

## **ACTIONS:**

- Using interim KPPs developed by USAMWS and interfacing with REF to gain feedback from theatre
- Developing initial fielding plan and acquisition strategy; Working with REF to develop concept of possible technology insertion
- Interfacing with SSB to refine requirement



# High Angle Mountaineering Kit



40 ea Harness,  
Mountaineering



80 ea  
Carabiner,  
Type H(1)



80 ea  
Carabiner,  
Type X



40 ea Belay  
Device,  
Mountaineering



80 ea Webbing,  
Type I, Size III



2 rls Rope  
Kernmantle,  
Type I, Size II



1 ea Washer,  
Rope



1 ea Rope, Cutter,  
Electric



1 ea Rope,  
Kernmantle,  
Type IV

Pictures are representative samples only and are not an endorsement of any brand or model



# Assault Climber Team Kit



3 ea Harness,  
Mountaineering



9 ea Carabiner, Type  
H(1)



30 ea Carabiner,  
Type X



20 ea Webbing, Type I,  
Size III



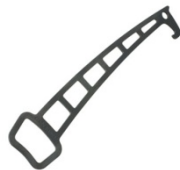
3 ea Belay Device,  
Mountaineering



1 roll Rope Kernmantle,  
Type I, Size II



1 set Anchor, Rock,  
Camping Device



3 ea Pick, Chock



6 ea Trigger Repair  
Kits for SLCDs



1 ea Set Anchor,  
Rock, Type III



1 set Anchor, Rock,  
Type I



2 ea Rope,  
Kernmantle, Type III



3 pr Ascender,  
Mechanical

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# Snow and Ice Mobility Kit



43 ea  
Transceiver,  
Avalanche



8 ea Anchor,  
Snow, Type I,  
Size I



20 per PLT Probe,  
Avalanche



\*New color  
43 pr  
Snowshoe,  
Assault,  
Military



20 ea  
Avalanche  
Shovel



43 pr  
Crampon,  
Type I&II



40 ea Axe, Ice,  
Type, Size III



3 pr Axe, Ice,  
Type II&III



20 ea  
Anchor, Ice,  
Size II&III



# Milestones



<b>Key Milestones</b>	<b>Completion Dates</b>
<b>Equipment Developmental Testing</b>	<b>FY 07</b>
<b>Material down selection</b>	<b>FY 08</b>
<b>Individual Kit build and proof</b>	<b>FY 08</b>
<b>Technology insertion</b>	<b>FY09/FY10</b>
<b>SRP update</b>	<b>FY 10</b>
<b>Transition to DSCP</b>	<b>FY 10</b>



# Summary



- Joint coordination with USMC and SOF to minimize duplicate items
- Technology insertion provides potential roadmap for future fielding
- Eventual transition to DSCP



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