



Advanced Planning Brief for Industry

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Hydration and Load Bearing Equipment



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Improved Load Bearing Equipment ILBE



ILBE Pack System



Recon ILBE System



Hydration System



Corpsmen Assault Pack





Family of ILBE



- **Standard ILBE Pack System**

- Includes: Main Pack, Assault Pack, and improved Hydration System



- **Reconnaissance ILBE System**

- Includes: RECON Main Pack, Larger Assault Pack, Large external pouches, and improved Hydration System



- **Corpsman Assault Pack (CAP)**

- Same configuration as the RECON Assault Pack
- Customized inserts for Medical Supplies





Overall Item Description



- **Pouch Product Improvement Procurement (PIP)**
 - To define pouch suites
 - Improve overall quality of pouches
- **Hydration System**
 - Source Vagabond 100 oz Hydration Bladder
 - Anti-microbial Bladder lining
 - Easy bladder access for cleaning
- **Individual Water Purification System (IWPS)**
 - A system that will purify and filter fresh water and salt water of waterborne pathogens.



Sustaining Marines

Individual Water Purification System (IWPS)



*MIOX Pen
Block IA*



*Self-Contained
System
Block II*



*Desalinization
Capability
Block III*



Individual Water Purification System (IWPS)



- **Overall Item Description**

- A system that provide potable water from fresh water and salt water sources.

- **Acquisition Strategy**

- Block IA MIOX Pen and MSR Filter
- Block II Self-Contained System
- Block III Incorporate Block II with Desalinization

- **Current status**

- Fielding Block IA



Current Status



- **ILBE**
 - Sustainment Phase

- **ILBE Pouch PIP:**
 - Eleven Pouch types identified
 - 1) Thirty (30) round M16/M4 Speed Reload Magazine (single) (used for immediate reload)
 - 2) Magazine “Dump” Pouch (used for spent magazines)
 - 3) 9mm 15 round Magazine Pouch (used for 9mm magazine)
 - 4) 40mm Grenade Single Round Pouch
 - 5) Ground Illumination Flare Single (Pop-Up) Pouch
 - 6) Multi-Grenade Pouch: Smoke/Riot/Thermite Grenade Pouch/Flash Bang (multi purpose grenade pouch that will be issued for all uses of these grenades)
 - 7) Utility/Squad Automatic Weapon (SAW) Pouch (a multi purpose utility pouch that will be used for 200rd drum 100rd drum, grenades, M16 mags etc.)
 - 8) 12 gauge Shotgun Ammunition Pouch
 - 9) Detachable PALS Platform Chest Rig
 - RFP due out imminently



Milestones



- **ILBE Pouch PIP**
 - Projected Contract Award Aug 07
- **IWPS**
 - Block IA Deliveries will commence 07
 - Block II & III solutions not yet defined



Future



- **Future state of the Family of ILBE**
 - Maximize load bearing/carriage technology
 - Holistic Integration of all individual Marine items
 - Non-Mechanical
 - Non-Complicated
 - Reduction of Weight
 - Modular and Compartmentalized
- **Bottom Line: The future technology of LBE need to:**
 - *Incorporate all individual Marine equipment*
 - *Optimize Simplicity*

Lighten the Load