



# MARINE CORPS SYSTEMS COMMAND

Combat Equipment & Support Systems (CESS)  
Program Manager, Infantry Combat Equipment



## 25 Liter Water Bags



**John O'Brien**  
**Support Equipment and Mountain Cold Weather Team**  
**Infantry Combat Equipment, Marine Corps Systems Command**  
**E-mail: [john.obrien@usmc.mil](mailto:john.obrien@usmc.mil)**  
**Office Phone: 703-432-3333**



# MARINE CORPS SYSTEMS COMMAND

Combat Equipment & Support Systems (CESS)  
Program Manager, Infantry Combat Equipment



## 25 Liter Water Bags

### Background

The 25 Liter Bladder must be designed to provide Marines an alternative to the 5 Gallon Water Jug. The current 5 Gallon Water Jug takes up a lot of valuable space, especially when empty. The 25 Liter Bladder must be able to be folded or rolled up when it is empty. This will allow for easier storage. Between 30 – 40 empty 25 Liter Bladders should be able to be stored in the same amount of space as 10 empty 5 Gallon Water Jugs allowing for the possibility of about 5 times as much water storage.

### **Pending MCCD New Requirement**



# MARINE CORPS SYSTEMS COMMAND

Combat Equipment & Support Systems (CESS)  
Program Manager, Infantry Combat Equipment



## 25 Liter Water Bags

### Requirement:

- The 25 liter Bags must be able to attach externally to any Tactical Vehicle and Pack Out Mules
- The straps and carrying handles should be durable
- Unique insulated carrier design that keeps liquids cool
- Carrier shoulder straps allow system to be carried as a pack
- Reservoir collapses as it empties: requires less space than rigid 5-Gallon Water Jugs
- Anti-microbial treatment of reservoir and tube prevents growth of fungi and bacteria
- Reusable
- Built to withstand a Mountain Cold Weather rugged environment
- Can be easily carried by two Marines using the side handles or by one Marine on long range patrols or 2-3 day OPs using cushioned backpack straps provided
- Ability to refill two hydration packs at once w/in about 1 min, without the need for a Marine to take the pack off



# MARINE CORPS SYSTEMS COMMAND

**Combat Equipment & Support Systems (CESS)  
Program Manager, Infantry Combat Equipment**



## Questions?