



MARINE CORPS SYSTEMS COMMAND

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



Ballistic Helmets and Accessories



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Next Generation Combat Helmet

- **HBS CDD: PM ICE and Project Manager Soldier Equipment (PM SEQ) are conducting a joint effort to develop a requirements document for the next generation combat helmet.**
 - The effort addresses a modular, fully integrated headborne system capability that can provide enhanced protection, improved human factors, systems integration, and desired joint interoperability.
- **Joint effort with the Army for a helmet with improved ballistic performance.**





Current Status

- **LWH**
 - Fielding ongoing
 - DLA sustainment contract
- **R&D Focused Challenges**
 - Lightening the load
 - Increasing level of protection while reducing (or at least maintaining) weight
 - **Lighter, stronger, more flexible body armor**
 - **Improve load distribution**
 - Improve LWH level of ballistic protection at an acceptable weight
 - Traumatic brain injury (TBI)



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Enhanced Combat Helmet (ECH)



ACH Geometry

Description

To produce enhanced ballistic protection from selected small arms ammunition and fragmentation, yet maintain all other characteristics of the Light Weight Helmet (LWH)/Advanced Combat Helmet (ACH).

Requirements

Urgent Statement of Need (USON) dtd 2 Mar 09		
2 MEB and 2 MEU	35,000	
<u>Tariff/spares 10%</u>	<u>3,500</u>	
TOTAL	38,500	
Army Requirements Memorandum dtd 20 Mar 09		
TOTAL	200,000	(ACH)
GRAND TOTAL	238,500	

Current Status

- Pre-solicitation to FEDBIZOPPS on 25 Feb 09
- Posted Updated Pre-solicitation on 19 Mar 09
- Posted Draft PD to FEDBIZOPS on 2 Apr 09
- RFP released 24 Apr 09



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Accessories

- **Suspension/Retention system**
 - For USON: pads and X back retention
 - For CDD: best suspension/retention system for impact and blast attenuation mitigation
- **Helmet cover**
- **NVG bracket**



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Questions?