



Program Executive Office Littoral Combat Ships (PEO LCS) Small Business Opportunities



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The Business of PEO LCS



LCS Warship



Mission Modules



*Accelerating
Innovation
through Open
Systems
Architecture!*

Fleet Introduction





Littoral Combat Ships



- **Modular open systems architecture**
 - Flexible system for dynamic battle space
 - Advanced unmanned air, surface, and underwater vehicles
 - Onboard sensors, weapons, command & control
 - Mission modules interchangeable
 - Maximizing interchangeable components within modules
- **Optimized for warfighting in the littoral**
 - Unique designs for unique environment
 - Fast, maneuverable, shallow draft
- **Targeted at critical capability gaps**
 - Reconfigurable single mission focus
 - Mines, small fast surface craft, diesel submarines
- **Joint Force multiplier**
 - Fully netted with battle force





Potential of Mission Modules



TODAY



MCM



ASW



SUW



OPPORTUNITIES



Maritime Security
Module



Information
Module



EOD
Mission Module



Humanitarian
Mission Module



Maritime
Dominance Module



PLUS Mission
Module



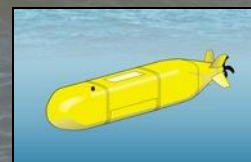
Irregular Warfare
Module



Special Operations
Force Module



UAV Mission
Module



LDUUV Mission
Module



Search and Rescue
Module



Other modules



Multi-Mission Opportunities



COMBAT SYSTEM

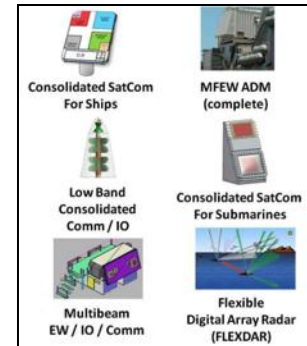


RADAR



LCS3 MAST ASSEMBLY AND SENSORS

ELECTRONIC WARFARE



HUMAN FACTORS



COMMS



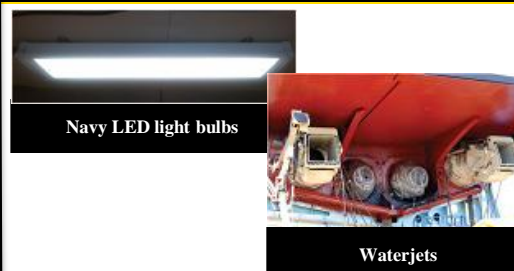
AUTOMATION



WEIGHT REDUCTION



ENERGY EFFICIENCY



Navy LED light bulbs

Waterjets

LOGISTICS



Mission Package Support Facility



Opportunities



- Shipbuilding
 - Primes – Small Business Targets
- Mission Modules and Mission Systems
 - Primes – Small Business Targets
 - Small Business Opportunities
- Planning Yard and Sustainment Services
 - Prime – Small Business Targets
- PEO/Program Office Support Services
 - PEO LCS Front Office restricted to Small Business
 - PEO/Program Office Support Services open to all
- Warfare Center Technical Support
 - NSWC-Panama City, Dahlgren, Carderock; NUWC-Newport
 - Small Business Targets
- Advanced Technology – ONR
 - SBIR – Small Business Innovation Research
 - STTR- Small Business Technology Transfer
 - TIPS – Technology Insertion Program for Savings
 - RIF – Rapid Innovation Fund



What to Monitor



Opportunity	Website
SBIR/STTR	http://www.acq.osd.mil/osbp/sbir/
Rapid Innovation Fund (RIF)	http://www.defenseinnovationmarketplace.mil/RIF.html
Test Resource Management Center Test & Evaluation (T&E) S&T	http://www.acq.osd.mil/dte-trmc/technology_development.html
National Shipbuilding Research Program	http://www.nsrp.org/2-Solicitation_Overview.html
Technology Insertion Program for Savings (TIPS)	http://www.onr.navy.mil/Science-Technology/Directorates/Transition/Technology-Transition-Initiatives-03TTX.aspx

Direct opportunity for industry to propose

Indirect opportunity for industry to propose

General Industry Opportunities
www.fbo.gov



Summary



- PEO LCS is developing processes and tools to facilitate technology delivery to the Fleet utilizing the powerful mission package concept
 - Acceleration of capability delivery to the warfighter with mission modules
 - Better Buying Power with Open Systems Architecture

