NRL BAA Announcement
#61-09-08

TOPIC CANCELED 5/1/10

AFFORDABLE DAMAGE CONTROL TECHNOLOGY FOR NEXT GENERATION NAVAL PLATFORMS

The Navy Technology Center for Safety and Survivability of the Naval Research Laboratory is investigating innovative damage control technologies that will further reduce the broad effects of damage on naval combatants and improve recoverability action. The program encompasses damage control (DC) and fire fighting research, materials assessment, sensor development, modeling, testing of technology, and developing improved DC doctrine that will provide a decisive edge to the warfighter. The emphasis of this topic is affordability with an objective of 30% reduction of life cycle costs and weight requirements of current and next generation DC systems. Proposals must clearly articulate a business plan addressing life cycle cost reduction, transition targets, teaming arrangements and any other information that summarizes the offeror's case for meeting the Navy's affordability objective.

Preferred solutions will develop both passive and active damage protection technologies, components (hardware & software), and system architectures that will be compatible with future generation naval platforms. The primary thrust is to address affordability for damage control related technology and/or methods to reduce space and weight requirements. A list of candidate DC technology areas but is not limited to the following:

1) Self-contained fire suppression technology and innovative system architectures
2) Sensor distribution networks
3) Smoke control
4) Thermal insulation
5) Blast resistant structural materials and barriers

Proposals must clearly indicate how the innovation advances the technology state of art and provide value added. Cost and performance metrics will be considered.

Address White Papers (WP) to Code 6180, FAX (202) 767-1716, telephone (202) 404-8459, or e-mail. Allow one month before requesting conformation of receipt of WP, if confirmation is desired. Substantive contact should not take place prior to evaluation of a WP by NRL. If necessary, NRL will initiate substantive contact.