

STATEMENT OF WORK
NAVY TECHNOLOGY CENTER FOR SAFETY AND SURVIVABILITY
TASK ORDER 0001
Dated: 08 May 2013

INTRODUCTION: The Naval Research Laboratory (NRL), Navy Technology Center for Safety and Survivability (NTCSS) investigates new fire protection systems, agents, equipment and techniques for fire safety on surface ships, submarines, aircraft and naval shore facilities. The work is performed aboard the Advanced Fire Research Laboratory ex-USS Shadwell located in Mobile, Alabama. Successful operation of the facility requires engineering support to include hull mechanical & electrical (HM&E) system and small boat maintenance.

REQUIREMENT: Planned and corrective maintenance is required to ensure that all ship systems and equipment, small boats and their trailers, are fully operational to support all ex-Shadwell programmatic functions. Additional requirements include structural repairs of the ex-Shadwell facility to ensure that water tight integrity, facility and personnel safety are maintained at the highest levels.

TASK: The contractor shall conduct small boat and shipboard preventative and corrective maintenance.

- (1) With respect to small boat maintenance the contractor shall.
 - Make structural repairs to the forward portion of the LCM-8 well deck to eliminate corrosion damage
 - change engine fluids and filters on LCM-3
 - inspect and perform maintenance on trailers for the 20', two (2) 24', and LCM-3 small boats
 - arrange for a certified Evinrude engine mechanic to inspect and recommend repairs to the variable rate oiling (VRO) systems and cooling water pumps of the outboard engines on the 24' small boat with hull number 24UB9602

- (2) With respect to Shadwell planned and corrective maintenance the contractor shall.
 - inspect and repair extension cords and electrical hand tools as necessary
 - repair 02, 03, and 04 weather deck and bulkhead corrosion penetrations to ensure water tight integrity
 - make electrical system repairs on the goose-neck trailer
 - make repairs to drain system piping of the two (2) A/C systems
 - make repairs to drain system piping of the 01 level ice machine
 - inspect and perform maintenance and repairs on electrical distribution system panels throughout the ship

- inspect and provide a written report on necessary weather bulkhead and door repairs within the submarine test zone from the 01 level down to the 3rd deck, FR64 to FR95

NOTE (1): This tasking is in accordance with the Navy Technology Center for Safety and Survivability Support Services contract Statement of Work – sections 3.3 “Small Boat Maintenance” and 3.4 “Shadwell Planned and Corrective Maintenance”.

PERIOD OF PERFORMANCE: This work is to be completed in two (2) months.

WORK LOCATION: This work will be performed at the NRL shore side and ex-Shadwell facilities in Mobile, Alabama.