

STATEMENT OF WORK

PR Number: N66001-1326-3535
Estimated Start Date: 15 Jan 2002
Completion Date: 15 Mar 2002

- 1.0 Introduction.** Biosciences Division's Code D353 is the Marine Mammal Systems Technical Support Branch for Fleet Marine Mammal Systems (MMS). The Technical Support Branch has been tasked by Program Management Sea Explosive Ordnance Disposal (PMS EOD) to procure six Low Visible Craft (LVCs) to outfit the Fleet with the MK8 Marine Mammal System.
- 2.0 Scope.** This contract is to procure one LVC hull and the molds used in the fiberglass construction to build that hull. The Government will then install a 15 horsepower outboard motor, steering system, fuel system, and navigation electronics to make the craft operational. Sea tests will then be performed to verify functionality in open ocean conditions up to sea state 3. It is important that the craft ultimately be capable of these operations. Following verification of design, it is planned that a future contract will be released for procuring five additional hulls. The molds from this initial contract will then be supplied as Government Furnished Equipment (GFE) for subsequent hull builds.
- 3.0 Applicable Documents.** The following documents, or the versions in effect on contract award, are part of this contract:

 - a). LVC drawing package
 - b). LVC Construction Sequence and Specification
- 4.0 Technical Requirements:** The contractor shall produce one Low Visible Craft hull per documents a and b in paragraph 3.0 above. The following applies:

 - a. Molds will need to be produced for the fiberglass construction of the hull. The molds shall be constructed of materials and techniques that assure capability to produce at least ten hulls without major rework of the molds.
 - b. Completed molds shall be made available to Government technical representatives for a period of one day for measurement and inspection prior to the hull lamination. The contractor shall notify the Government at least one week in advance of this availability. The contractor shall be responsible for corrections of any defects in fairness or tolerances.
 - c. The contractor shall manufacture the LVC hull per the LVC drawing package (item (a), paragraph 3.0), the LVC Construction Sequence and Specification (item (b), paragraph 3.0), and standard practices of the boat building industry.

d. Fiberglass materials, cores, resins, hull coatings, surface preparations and processes shall be per the call outs in the drawings and specification mentioned above.

e. All hull assembly, bulkheads, hatches, strong points, bolting points, etc, shall be installed by the contractor per the documents in paragraph 3.0. The contractor shall be responsible for the interface and template installation of all parts provided by the Government to assure the craft in accordance with 3.0 above.

f. Government personnel shall be allowed on-site at the contractor's facility at any point during the construction process.

g. Questions or variations for process improvements should be addressed to the Government technical representatives in writing. Changes are only authorized after written government authorization is obtained.

5.0 Reports, Data, Deliverables. The contractor shall provide deliverables in accordance with the attached Contract Data Requirements List (CDRL) form 1423.

6.0 Other considerations:

6.1 Travel. Anticipated travel for this effort to attend government sponsored meeting: 1 trip, 2 travelers, 2 days to San Diego, CA to discuss details of the production process after award of the contract and to view existing prototype Low Visible Craft.

6.2 Place of Performance/Picture Badges. Work will be conducted at the contractor's facility. No picture badges will be necessary; visitor badges will be issued for San Diego meeting.

6.3 Security Statement. No security clearance is required for this tasking.

6.4 Period of Performance: The period of performance is anticipated to be two months after date of award.

6.5 Technical Point of Contact: Technical point of contact for this effort is Todd Webber, SPAWAR System Center D353, (619) 553-5041/fax 553-1355, email: webber@spawar.navy.mil.

6.6 Government Furnished Equipment. The following will be provided by the Government:

- a. One 15 horsepower outboard engine for fit up (This is needed to obtain the cutout shape in the foam/buoyancy pocket around the engine.).
- b. One template for interfacing with the steering system bolt pattern.
- c. One template for interfacing with the navigation system bolt pattern.

6.7 Shipment. Upon completion of the manufacturing process, the contractor shall package the hull, molds, GFE engine, and GFE templates for safe shipment and delivery to SPAWAR Systems Center, Code D353.