

STATEMENT OF WORK  
FOR THE  
**Boat, Bridge Erection,  
Twin Jet, Aluminum Hull  
Model USCSBMK2,  
NSN 1940-01-218-9165**  
Inspect Repair Only As Necessary  
(IROAN)

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**Statement Of Work For The Inspection, Repair Only As Necessary  
(IROAN) for  
Boat, Bridge Erection, Twin Jet, Aluminum Hull  
Model USCSBMK2, NSN 1940-01-218-9165**

1.0 SCOPE. This document contains requirements to restore the **Boat, Bridge Erection, Twin Jet, Aluminum Hull, NSN 1940-01-218 -9165, Model USCSBMK2**, hereafter referred to as the **Boat** in this document, to Condition Code "A." Condition Code "A" is defined as serviceable/issuable without qualification, new, used, repaired, or reconditioned material which is serviceable and issuable to all customers without limitation or restriction.

1.1 Background. IROAN is defined as "That maintenance technique to restore an item to a standard as near as possible to original or new condition in appearance, performance, and life expectancy." This is accomplished through a maintenance technique or complete disassembly of the item, inspection of all parts or components, repairs or replacement of worn or unserviceable elements using original manufacturing tolerances and/or specifications and subsequent reassembly of the items. This Statement of Work (SOW) identifies the work effort that shall be performed by the contractor (for the purposes of this SOW, Contractor is defined as the commercial or government entity performing the repair) to repair the **Boat**.

2.0 APPLICABLE DOCUMENTS. The following documents form a part of this SOW to the extent specified:

2.1 Military Standards (For Guidance Only)

MIL-STD-973                      Configuration Management

2.2 Other Government Documents and Publications

DOD 4000.25-1-M              MILSTRIP Manual

DODD 4160.21-M-1            Defense Demilitarization Manual.

NAVICPINST 4491.2A        Requisitioning of Contractor Furnished Material From The  
Federal Supply System

DMWR 5-1940-277            Boat, Bridge Erection, Twin Jet, Aluminum Hull Models

DMWR 5-1940-277            Boat, Bridge Erection, Twin Jet, Aluminum Hull Models  
Change 1

LI-1940-12 M/S                Bridge Erection Boat

MI-10020A-35/1                Bridge Erection Boat

TM 1940-34P/5                      Boat, Bridge Erection USCSBMK2

### 2.3 Industry Standards

ANSI/ISO/ASQC Q9002-1994                      Quality Systems-Model for Quality Assurance in  
Production, Installation, and Servicing

(Copies of Military Standards are available from the Naval Publications and Forms Center, (ATTN: NPODS), 5801 Tabor Avenue, Philadelphia, PA 19120-5099. Copies of other government documents and publications required by Contractors in connection with specific SOW requirements shall be obtained through the Contracting Officer (Code 891), commercial telephone number (912) 439-6761 or DSN 567-6761. Copies of engineering drawings, if applicable, shall be obtained from Life Cycle Management Center, Attn: Code 825-3, 814 Radford Blvd Suite 20320, Albany, GA 31704-0320, commercial telephone number (912) 439-6410 or DSN 567-6410.)

### 3.0 REQUIREMENTS

3.1 General Tasks. In fulfilling the specified requirements, the contractor shall provide materials, labor, equipment, special equipment/gages/fixtures, facilities and missing/repair parts, necessary to inspect, diagnose, restore, perform required alignment repairs, and test the **Boat Assembly**. Upon completion of IROAN, the subject item shall be Condition Code "A."

3.1.1 Detail Tasks. The following tasks describe the different phases for IROAN of the **Boat**.

a. Inspection. Pre shop Analysis Inspections for the **Boat** shall conform to Chapter 3, DMWR 5-1940-277, with Change 1.

b. Repairs. If used, the Pre shop Analysis Inspection report may be used as a guide in repairing the **Boat**. All repairs shall conform to repair method instructions in DMWR 5-1940-277, with Change 1.

c. Demilitarization. Components found to be unserviceable or unrepairable shall be disposed of in accordance with DODD 4160.21-M-1. Disposal shall be the responsibility of the contractor after receiving authorization from Code 837-1, Life Cycle Management Center, Albany, GA.

d. Data plate. Each repaired **Boat** shall meet the requirements of DMWR 5-1940-277, with Change 1.

e. Hardware.

(1) Replace broken, unserviceable and/or missing hardware to include mechanical assemblies, nuts, bolts, screws, washers, turn lock fasteners, mandatory replacement items,

safety, and one-time use items, in accordance with the . Unserviceable is defined as any of the above that failed to function properly as stated in DMWR 5-1940-277, with Change 1.

(2) Ensure proper hardware locking devices are present on all moving mechanical assemblies as prescribed in DMWR 5-1940-277, with Change 1.

(3) Hardware normally supplied with commercial parts shall not be used unless they meet the requirements of the authorized replacement parts are listed in TM 1940-34P/5.

f. Cleaning. All cleaning shall be accomplished on the **Boat** using the steps and procedure requirements listed in DMWR 5-1940-277, with Change 1.

g. Painting/coating. The painting/coating shall meet the requirements of DMWR 5-1940-277, with Change 1 to included metal conditioning and surface preparation listed in DMWR 5-1940-277, with Change 1.

h. Lubrication. In addition to the lubrication requirements stated in DMWR 5-1940-277, with Change 1, the instructions of LI-1940-12 M/S shall be followed if different from the DMWR 5-1940-277, with Change 1.

i. Modifications. Modifications contained in MI-10020A-35/1 not previously applied shall be applied in conjunction with the IROAN of the **Boat**.

j. Quality Assurance. QA shall be observed on the **Boat** using the steps and procedures listed in DMWR 5-1940-277, with Change 1 and shall meet the requirements of paragraph 3.4 of this SOW.

### 3.1.2 Inspection, Testing and Acceptance

a. Inspection, Testing and Acceptance of the **Boat** shall be conducted in accordance with DMWR 5-1940-277, with Change 1.

b. The contractor shall be responsible for conducting required tests and shall ensure all necessary personnel are notified prior to completion of final acceptance. Acceptance tests shall be held at contractor facility.

c. The contractor shall be responsible for correcting any deficiencies identified during inspection.

d. Acceptance testing on all **Boat** components repaired under the provisions of this SOW shall be accomplished in accordance with DMWR 5-1940-277, with Change 1.

3.2 Contractor Furnished Materiel. The Marine Corps has adopted the Navy's procedures regarding Contractor Furnished Materiel (NAVICPINST 4491.2A). In the event that Contractor Furnished Materiel is required for repair parts, the contractor shall requisition through the DOD

Supply System. DOD 4000.25-1-M, (MILSTRIP) Chapter 11 authorizes contractors to requisition through the DoD Supply System.

3.3 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM). GFE is government owned equipment authorized by contract for use by a commercial/government contractor. It is neither consumed during production nor incorporated into any product. GFM is materiel furnished to a contractor that will be consumed during the course of production or incorporated into product being manufactured/remanufactured under a contract/statement of work. In the event the Marine Corps does have GFE/GFM requirements, the Management Control Activity (MCA/G316-2), Marine Corps Logistics Bases, Albany, Georgia, will coordinate required GFE and will maintain a central control on Marine Corps assets in the Contractor's possession. The MCA will forward a GFE Accountability agreement to the Contractor Facility for signature to establish a chain of custody and property responsibilities for Marine Corps assets. The Contractor shall report receipt of all GFM and report consumption of GFM to the MCA.

3.4 Quality Assurance Provisions. The contractor shall provide and maintain a Quality System that as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9002-1994 Quality Systems - Model for Quality Assurance in Production, Installation, and Servicing. The program shall ensure quality throughout all areas to include design, fabrication, processing, assembly, inspection, test, maintenance, and preparation for delivery and shipping. Unless otherwise specified in the contract, the contractor shall be responsible for performance of all inspection requirements. The government reserves the right to perform any of the inspections set forth in the contract where such inspections are deemed necessary to assure products and services conform to the prescribed requirements

3.5 Configuration Control. The performance requirements for the **Boat** is under formal configuration control. Any configuration changes affecting performance shall be documented by the Contractor submitting Request for Deviations or Request for Waivers. MIL-STD-973 (paragraphs 5.4.3, 5.4.4, and Appendix E) shall be used as a guide in preparing these requests. The Contractor shall not implement any design/performance changes without receiving authorization from the contracting authority.

3.6 Packaging, Handling, Storage and Transportation (PHS&T)

a. The Contractor shall be responsible for preservation and packaging of items being repaired under the terms of this statement of work. Preservation, packaging and marking shall be in accordance with the requirements of DMWR 5-1940-277, with Change 1, Chapter 9, with the following exceptions:

(1) Subparagraph 9.2:

Replace: MIL-STD-794 (Canceled)

With: MIL-STD-2073-1C, DoD Standard Practice for Military Packaging.

(2) Subparagraph 9.3:

Replace: MIL-STD-1188 (Canceled)

With: ASTM D3951-98, Standard Practice for Commercial Packaging.

(3) Subparagraph 9.3.b.:

Replace: PPP-B-646 (Canceled)

With: ASTM D1974, Standard Practice for Methods of Closing, Sealing Fiberboard Boxes.

b. The Marine Corps will provide the contractor with the shipping address(es) for delivery of the repaired equipment. The contractor shall be responsible for arranging for shipment to the pre-designated site(s). The Marine Corps will be responsible for transportation costs associated with shipping the subject equipment to and from the Contractor.

### 3.7 Acceptance.

The performance of the Contractor and the quality of work delivered, including all equipment furnished and documentation written or compiled, shall be subject to in-process review and inspection during performance. Inspection may be accomplished in-plant or at any work site or location, and Marine Corps representatives shall be permitted to observe the work or to conduct inspection at all reasonable hours. Final inspection and acceptance shall be conducted at the Contractor facility. Final acceptance shall be conducted on 100 percent of items to verify that the units meet all requirements.

### 3.8 Rejection.

Failure to comply with any of the specified requirements listed herein shall be reason for rejection by MCLB, Albany, representative. The Contractor shall, at no additional cost to MCLB, Albany, Georgia, provide the following:

a. Develop an approach for modification or correction of all deficiencies.

b. Upon approval of a documented approach, the Contractor shall correct the deficiencies and repeat the verification until an acceptable compliance with acceptance test procedures is demonstrated.



