STATEMENT OF WORK (SOW)

SOW-03-837-1-08857A-2/1

FOR THE IROAN OF THE

FLOODLIGHT SET, MODEL SM-4A3-0

NSN 6230-01-170-1408

TAMCN B06357B

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1 DECEMBER 2000

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STATEMENT OF WORK FOR THE FLOODLIGHT SET SM-4A3-0
Inspect Repair Only As Necessary (IROAN)
6230-01-170-1408

1.0 SCOPE. This Statement of Work (SOW) establishes and sets forth tasks and identifies the work efforts that shall be performed by the Contractor in the IROAN effort of the FLOODLIGHT SET SM-4A3-0, hereafter referred to as the FLOODLIGHT SET. This document contains requirements to restore the FLOODLIGHT SET to Condition Code "A." Condition Code A is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned materiel which is serviceable and issuable to all customers without limitation or restriction. Includes materiel with more than six months shelf-life remaining." National Stock Number (NSN) 6230-01-170-1408 shall be known as the FLOODLIGHT SET.

1.1 Background. IROAN is defined as "That maintenance technique which determines the minimum repairs necessary to restore equipment components or assemblies to prescribed maintenance serviceability standards by utilizing all available diagnostic equipment and test procedures in order to minimize disassembly and parts replacement."

2.0 APPLICABLE DOCUMENTS. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 Military Standards.

MIL-STD-129	DoD Standard Practice for Military Marking
MIL-STD-130	DoD Standard Practice for Identification Marking of US. Military Property
MIL-STD-2073-1D	DoD Standard Practice for Military Packaging

2.2 Other Government Documents and Publications.

DoD 4000.25-1-M	MILSTRIP Manual
NAVICPINST 4491.2A	Requisitioning of Contractor Furnished Materiel from the Federal Supply System
DOD 4160.21-M-1	Defense Demilitarization Manual.
SL-3-08857A	Floodlight Set, Skid Mounted

TM 3080-12	Corrosion Prevention and Control for Marine Corps Equipment.
TM 3080-50	Corrosion Control Procedures Depot Maintenance Activities for Marine Corps Equipment.
TM 4700-15/1H	Ground Equipment Record Procedures.
TM 4750-15/1	Painting and Registration Marking for Marine Corps Combat and Tactical Equipment.
TM 08857A-14/1	Operation and Maintenance Instructions for Floodlight Set
Engineering Drawing 845001A0000 Cage Code 01365	Floodlight Set SM-4A3-0

Military Handbooks (For Guidance)

MIL-HDBK-61	Configuration Management Guidance

2.3 Industry Standards.

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

Industry Standards (For Guidance)

ANSI/EIA-649	National Consensus Standard for Configuration Management

Copies of Military Standards and Specifications are available from the DOD Single Stock Point, Document Automation and Production Service, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, Telephone (215 697-2179 or DSN 442-2179, or http://www.dodssp.daps.mil. Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained through the contracting officer: Commander, Attn: Contracting Officer (Code 891), Marine Corps Logistics Bases, 814 Radford Blvd., Albany, Georgia 31704-1128, commercial telephone number (229) 639-6761 or DSN 567-6761. Copies of engineering drawings, if applicable, shall be obtained from Life Cycle Management Center, Attn: Code 851-3, 814 Radford Blvd. STE 20320, Albany, GA. 31704-0320, commercial telephone number (229) 639-6410 or DSN 567-6410.

3.0 REQUIREMENTS.

3.1 General Tasks. In fulfilling the specified requirements, the Contractor shall:

a. Provide materials, labor, facilities, missing parts, and repair parts necessary to inspect, diagnose, restore, and test the FLOODLIGHT SET. Upon completion of IROAN, repaired equipment shall be Condition Code "A".

b. Provide all tools and test equipment required to test, inspect, repair, and calibrate the FLOODLIGHT SET.

c. Conduct in process and final on-site testing for witness by an MCLB, Albany, (Code 837-1) representative.

d. Be responsible for all structural, electrical and mechanical requirements associated with the restoration of the FLOODLIGHT SET.

e. If corrosion exists, remove and take action in accordance with TM 3080-12 and TM 3080-50.

3.2 Detail Tasks. The following tasks describe the different phases for IROAN of the FLOODLIGHT SET.

3.2.1 Phase I Pre-induction. A pre-induction inspection analysis shall be performed for each FLOODLIGHT SET using the Contractor's diagnosis, inspection and testing techniques to determine extent of work and parts required. This inspection shall include all items associated with the FLOODLIGHT SET to include all SL3 components identified in SL-3-08857A. These findings shall be annotated, located, identified, and provided to the government, MCLBA, (Code 837-1) on a Pre-Induction Inspection Checklist (Appendix A). Upon completion of this requirement and the identification of serviceable components, all SL3 components, not installed or used to test the FLOODLIGHT SET shall be returned to Fleet Support Division (FSD) Code 870, for their action. Coordination to facilitate this requirement shall be the responsibility of the Contractor. The FLOODLIGHT SET, although a principle end item, cannot be operated by itself. It must be powered by a Generator Set, 10kw, 60hz, Model MEP-003A, NSN 6115-00-465-1030 to perform both the initial and final inspections. If required and upon request, the Generator can be furnished as GFE under provisions of this SOW.

3.2.2 Phase II - IROAN. After pre-induction tests and inspections have been completed, repair of the FLOODLIGHT SET shall be accomplished in accordance with this SOW. Deficiencies noted on the Pre-Induction Checklist (Appendix A) during Phase I shall be repaired/replaced. Components or assemblies shall not be disassembled for replacement of mandatory parts unless that part has failed, or the component assembly wherein the part is located is disassembled for repair.

a. Pre-Inspection Checklist. Information recorded on the Pre-Induction Checklist (Appendix A) shall be used as a guide to repair the FLOODLIGHT SET system in accordance with this SOW.

b. Technical Instruction (TI). All TI's not previously applied to the FLOODLIGHT SET shall be applied during the IROAN and shall be annotated on Equipment Record Jacket in accordance with TM 4700-15/1H.

c. Data Plates. All required data plates and decals shall be in place and shall be legible. Each repaired FLOODLIGHT SET shall have an IROAN data plate affixed to the main unit in close proximity to the existing data plate. The data plate shall meet the requirements of MIL-STD-130.

d. Painting/Coating. If painting/coating is required, the FLOODLIGHT SET shall be cleaned in accordance with TM 3080-50, Chapter 4, and painted in accordance with TM 4750-15/1.

e. Demilitarization. All end items that are identified as non-repairable and require demilitarization codes, shall be reported to the Marine Corps Logistics Bases representatives Code 837-1, who will provide disposition instructions in accordance with DOD 4160.21-M-1.

f. Hardware.

(1) Replace broken, unserviceable and/or missing hardware including nuts, bolts, screws, washers, turnlock fasteners, mandatory, safety, and one-time use items, etc., in accordance with TM 08857A-14/1. Unserviceable would include any of the above that failed to function properly.

(2) Ensure proper hardware locking devices are present and operational on all moving mechanical assemblies.

(3) Hardware normally supplied with commercial parts shall be used unless specifically prohibited.

g. Cable Assemblies. All cables and cable connections shall be tested and visually inspected for damage or corrosion. Any cable or cable connector showing signs of damage, corrosion or separation of outer coating shall be repaired/replaced and tested with its respective component/box/assembly to assure satisfactory compliance with all operational tests.

3.2.3 Phase III - Inspection, Testing and Acceptance.

a. Inspection, Testing and Acceptance of the FLOODLIGHT SET shall be conducted in accordance with TM 08857A-14/1.

b. The Contractor shall be responsible for conducting required tests and shall ensure all necessary personnel are available to complete the final acceptance. Acceptance tests shall be held at the Contractor's facility. MCLB (Code 837-1), Albany, Georgia, representatives shall be given a minimum of two weeks notice prior to beginning acceptance testing. The test area shall be cleared of all equipment parts, components, etc., not required for the test.

c. The Contractor shall be responsible for correcting any deficiencies identified during inspection/testing. MCLB (Code 837-1), Albany, Georgia, representatives may require the Contractor to repeat tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW.

d. Acceptance testing on all FLOODLIGHT SET repaired under the provisions of this SOW shall be accomplished in accordance with TM 08857A-14/1. The Operational Tests are to be conducted, in accordance with TM 08857A-14/1, on each FLOODLIGHT SET, upon completion of repairs and prior to the equipment being returned to stock.

3.2.4 Phase IV - 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. Items scheduled for long-term storage or overseas destinations shall be in accordance with level A requirements of MIL-STD-2073-1D, Method 10. Items scheduled for domestic shipment, immediate use or short-term storage shall be level "B" requirements.

b. Marking shall be in accordance with MIL-STD-129.

c. 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 of the equipment 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.

3.3 Configuration Control. The contractor shall apply configuration control procedures to established configuration items. The contractor shall not implement configuration changes to an item's documented performance or design characteristics without prior written authorization. The baseline configuration has been established by Marine Corps Drawing number 845001A0000. If it is necessary to temporarily depart from the authorized configuration, the contractor shall submit a Request for Deviation. MIL-HDBK-61 (paragraph 4.3 and Table 4-9) and ANSI/EIA-649 (Paragraph 5.3.4) provides guidance for preparing this configuration control document.

3.4 Government Furnished Equipment Accountability (GFE).

a. 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. In the event the Marine Corps does have GFE requirements, the Management Control Activity (MCA/Code 827-2), Marine Corps Logistics Bases, Albany, will coordinated 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 Contractors' facility for signature to establish a chain of custody and property responsibilities for Marine Corps assets.

b. The following GFE will be provided, if requested:

Generator Set, 10kw, 60hz, Model MEP-003A, NSN 6115-00-465-1030

3.5 Government Furnished Materiel (GFM). GFM is materiel furnished to a contractor that will be consumed during the course of production or incorporated into the product being manufactured/remanufactured under a contract/statement of work. The Contractor shall report receipt of all GFM and report consumption of GFM to the Management Control Activity (MCA/Code 827-2).

3.6 Contractor Furnished Materiel (CFM). The Marine Corps has adopted the Navy's procedures regarding Contractor Furnished Materiel (NAVICPINST 4491.21A). In the event that Contractor Furnished Materiel (CFM) is required for repair parts, the contractor shall requisition repair parts through the DoD Supply System. DoD 4000.25-1-M (MILSTRIP), Chapter 11 authorizes contractors to requisition through the DoD Supply System.

3.7 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 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. The Contractor shall provide an Inspection and Test Plan.

3.8 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, (Code 837-1), shall be permitted to observe the work or to conduct inspection at all reasonable hours. Final inspection and acceptance testing shall be conducted at the Contractor's facility. Final acceptance shall be conducted on 100 percent of items to verify that the units meet all requirements.

3.9 Rejection. Failure to comply with any of the specified requirements listed herein shall be reason for rejection by MCLB, (Code 837-1) 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 set shall correct the deficiencies and repeat the verification until an acceptable compliance with acceptance test procedures is demonstrated.

FLOODLIGHT SET PRE-INDUCTION INSPECTION CHECKLIST

FLOODLIGHT SET SERIAL NUMBER_____

CONDITION CODE UPON RECEIPT_____

CORROSION PREVENTION METHODS TO BE USED_____

_____

REPAIR PARTS/ASSEMBLIES REQUIRED FOR REPAIRS

_____

DEFECTIVE PARTS AND ASSEMBLIES

_____

Appendix A

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 1704-0188

The Public reporting burden for this collection of information is authorized to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302 and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government issuing Contract Officer for the contract/PR No. listed in block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP ____ TM ____ Other XXX
D. SYSTEM/ITEM: Floodlight Set, Model SM-4A3-0	E. CONTRACT/PR No.	F. CONTRACTOR
1. DATA ITEM No: A001	2. TITLE OF DATA ITEM: Request for Deviation (RFD)	3. SUBTITLE: Configuration Management
4. AUTHORITY (Data Acquisition Document No.): DI-CMAN-80640C	5. CONTRACT REFERENCE: SOW 3.3	6. REQUIRING OFFICE: MARCORLOGBASES (851)
7. DD 250 REQ: LT	9. DIST STATEMENT REQUIRED: A	10. FREQUENCY: AS REQ
8. APP CODE: A		11. AS OF DATE:
		12. DATE OF FIRST SUBMISSION: See Blk 16
		13. DATE OF SUBSEQUENT SUBMISSION:

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

16. REMARKS

Block 4 – Contractor format is authorized and shall be submitted in .doc or .pdf format.

Block 12 - RFDs will be reviewed and disposition determined within 30 calendar days upon receipt by the government.

RFDs shall be transmitted via e-mail to the following address: mbmatcomconfigmngmnt@matcom.usmc.mil

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14. DISTRIBUTION

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G. PREPARED BY:	H. DATE	I. APPROVED BY:	J. DATE
Carl Tiste	11-20-00	Gerald R Hall	1 Dec 00

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