

DATE: 11 September 1999

**STATEMENT OF WORK FOR THE
REPAIR
OF THE
IFF INTERROGATOR, AN/PPX-3A
5895-01-032-4263
IFF INTERROGATOR, AN/PPX-3B
5895-01-126-9263**

Control Number: SOW-00-844-2-07922B-2/1

1. This SOW identifies the work effort that shall be performed by the contractor to repair the IFF Interrogator's, NSN 5895-01-032-4263 and 5895-01-126-9263.
2. The attached manuscript has been reviewed and is concurred upon by the following signers:

R. E. Jones for Larry Herndon

LAWRENCE E. HERNDON

Weapons System Manager
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Control Number: SOW-00-844-2-08522B-2/1

1.0 SCOPE: This Statement of Work (SOW) establishes, sets forth tasks, and identifies the work effort that the Contractor will perform to repair the Stinger IFF Interrogator, AN/PPX-3A & 3B. This document contains requirements to restore the item 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, including material with more than 6 months shelf-life remaining.

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 referred 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	Identification Marking of U.S. Military Property

Military Standards (For Reference Only)

MIL-STD-973	Configuration Management
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2.2 Military Specifications

MIL-P-15024	Plates, Tags, Hose Assembly Identification
MIL-C-81309	Corrosion Preventive Compounds, Water Displacing, Ultra Thin Film

2.3 Industry Standards

ANSI/EIA-625	Requirements for Handling-Electrostatic-Discharge-
ANSI/ISO/ASQC Q9003-1994	Quality Systems

2.4 Other Government Documents and Publications. The issue of those documents cited below shall be used.

TM 11-5895-1194-24	Interrogator Set, IFF (Stinger)
SPI AG00000366	Special Packaging Instruction (SPI)
DOD 4000.25-1-M	MILSTRIP Manual
NAVICPINST 4491.2A	Requisitioning of Contractor Furnished Materiel From the Federal Supply System

Copies of military specifications and 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 Weapons System Manager (WSM): Commander, Marine Corps Logistics Bases, (Code 844-2) Attn: Contracting Officer, 814 Radford Blvd., Albany, Georgia 31704-1128, commercial telephone number (912) 439-5432 or DSN 567-5432. Copies of engineering drawings, if applicable, shall be obtained from Life Cycle Management Center, Attn: Code 825-3, 814 Radford Blvd. STE 20320, Albany, Georgia 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, facilities and missing/repair parts necessary to inspect, diagnose, restore, test, and calibrate the IFF Interrogator. Upon completion of repairing the subject item it shall be Condition Code "A".

3.2 Detail Tasks. The following tasks describe the different phases for repair of the IFF Interrogator.

Phase I	Pre-Induction
Phase II	Repair
Phase III	Inspection, Testing and Acceptance
Phase IV	Packaging, Handling Storage and Transportation (PHS&T)

3.2.1 Phase I - Pre-Induction. A pre-induction inspection analysis shall be performed for each IFF Interrogator within 5 working days of induction into the Contractor's facility for evaluation of repair capability. If repair is not feasible, assign CC "F", otherwise assign CC "M" and induct into repair cycle. Standard Form 364 (Appendix A) and Report DA-2404 (Appendix B) shall be used to report all anomalies and shall be provided to the government in accordance with section 4.0 of this SOW.

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

a. **Hardware**

(1) Replace broken, unserviceable and/or missing hardware including nuts, bolts, screws, washers, turnlock fasteners, mandatory replacement items, safety, and one-time use items.

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

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

b. **Publications and Documentation:** The Contractor shall use appropriate technical documentation and TM 11-5895-1194-24 to restore the IFF Interrogator to Condition Code "A".

c. The following Standards and Publications shall be used to assist the Contractor:

MIL-C-81309	Corrosion Preventive Compounds, Water
MIL-P-15024	Plates, Tags, Hose Assembly Identification
MIL-STD-130	Identification Marking of U.S. Military Property
TM 11-5895-1194-24	Interrogator Set, IFF (Stinger)

3.2.3 Phase III - Inspection, Testing and Acceptance

a. Inspection, Testing, and Acceptance of each IFF Interrogator shall be conducted in accordance with the documents and TM's listed in section 3.2.2c.

b. The Contractor shall be responsible for conducting all required tests on the IFF Interrogator.

c. The Contractor shall be responsible for correcting deficiencies identified during inspection/ testing. MCLB (Code 844-2), Albany, Georgia, representatives may require the Contractor to repeat tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW.

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 being prepared for long term storage or shipment to overseas destinations shall be in accordance with Special Packaging Instruction (SPI) AG00000366 which may be obtained from G3 Logistics Operations Department, Attn: S&DD (Code G330), Suite 20330, 814 Radford Blvd, Albany, Georgia 31704-0330, Commercial (912) 439-6856 or DSN 567-6856."

b. Marking for all items 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 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 receiving prior written authorization. If it is necessary to depart from the authorized configuration baseline, the contractor shall submit a Request for Deviation or Request for Waiver using MIL-STD-973 (paragraph 5.4.3 or 5.4.4 and Appendix E) as a guide.

3.4 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 the 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.

3.5 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.

3.6 Electrostatic Discharge (ESD) Control Program: The Contractor shall establish, implement and document an ESD control program following the guidelines provided in ANSI/EIA-625. ESD protective measures shall be used during manufacturing, handling, inspection, test, marking, packaging, storing and transporting ESD sensitive components.

3.7 Quality Assurance Provisions: The Contractor shall provide and maintain a Quality System that has a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9003-1994, Quality System Model for Quality Assurance in Final Inspection and Test. 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.

3.8 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 QA representatives shall be permitted to observe the work or to conduct inspections at all reasonable hours. Final inspection and acceptance testing shall be

conducted at the Contractor's facility. Final acceptance shall be conducted on 100% 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 the QA representative. The Contractor shall, at no additional cost provide the following:

- a. Develop a corrective action plan to correct deficiencies.
- b. Upon approval of a corrective action plan, the Contractor shall correct the deficiencies and repeat the verification until all requirements are met.

4.0 REPORTS: The Contractor shall provide Monthly Progress Reports (MPR) summarizing the progress and status of the repair program. Report will include name and phone number for the Contractor point of contact. This report will be submitted no later than the tenth of the following month.

- a. MPR will reflect, by serial number (S/N), the phase of repair and condition code (CC) of all Marine Corps IFF Interrogator's held by the Contractor.
- b. Assets inducted into maintenance, will be identified as CC "M".
- c. Assets that have completed final inspection will be identified as CC "A".
- d. Assets, that have completed final testing but require additional parts or components prior to issue, will be identified as CC "G".
- e. Assets awaiting induction into maintenance will be identified as CC "F".
- f. The reports will be submitted via E-Mail to the Inventory Manager (IM), with courtesy copies to the Weapons System Manager (WSM) and Equipment Specialist (ES). E-Mail addresses:

pooleca@matcom.usmc.mil	Cindy Poole - Item Manager
herndonle@matcom.usmc.mil	Lawrence Herndon - Weapons System Manager
walkerc@matcom.usmc.mil	Charles Walker – Equipment Specialist

5.0 COST AND FINANCIAL ADMINISTRATION

a. Upon completion of negotiations, the agreed upon price will be cost reimbursable. The price for any work to be performed for the next fiscal year will be developed by the repairer, and will be submitted to MCLB Albany, in sufficient time to allow for processing of agreed upon financial documentation, prior to the beginning of the fiscal year.

b. The specific procedures which will be used to transfer funds under this SOW will be determined by financial management representatives, of the two activities. A Project Order, Form 1175 will be used for transfer of funds between the parties to this SOW. The Contractor will accept Marine Corps funding as cost reimbursable. Final obligation must be received no

later than one (1) week before the end of the fiscal year. This agreement will go into effect as soon as funds are transferred to the Contractor.

INSTRUCTIONS

DEPARTMENT OF DEFENSE: DLAR 4140.55/AR 735-11.2/NAVSUPINST 4440.127E/AFR 400-54/MCO 4430.3E, Reporting of Item and Packaging Discrepancies, and/or DLAR 4140.60/AR 12-12/NAVSUPINST 4920.9B/AFR 67-7/MCO 4140.1B, Processing Discrepancy Reports Against Foreign Military Sales Shipments. CIVILIAN AGENCIES: See FPMR handbook cited in 19(2)(a).

REPORT OF DISCREPANCY (ROD) <input type="checkbox"/> SHIPPING <input type="checkbox"/> PACKAGING				1. DATE OF PREPARATION		2. REPORT NUMBER			
3. TO (Name and address, include ZIP Code)				4. FROM (Name and address, include ZIP Code)					
5a. SHIPPER'S NAME				5b. NUMBER AND DATE OF INVOICE		6. TRANSPORTATION DOCUMENT NUMBER (GBL, Waybill, TCN, etc.)			
7a. SHIPPER'S NUMBER (Purchase Order/Shipments, Contract, etc.)		7b. OFFICE ADMINISTERING CONTRACT				8. REQUISITIONER'S NUMBER (Requisition, Purchase Request, etc.)			
9. SHIPMENT, BILLING, AND RECEIPT DATA					10. DISCREPANCY DATA				11. AC- ² TION CODE
NSN/PART NUMBER AND NOMENCLATURE (a)		UNIT OF ISSUE (b)	QUANTITY SHIPPED/ BILLED (c)	QUANTITY RECEIVED (d)	QUAN- TITY (a)	UNIT PRICE (b)	TOTAL COST (c)	CODE (d)	AC- ² TION CODE
12. REMARKS (Continue on separate sheet of paper if necessary)									

1 DISCREPANCY CODES	2 ACTION CODES	
<p>CONDITION OF MATERIAL C1 - In condition other than that indicated on release/receipt document C2 - Expired shelf life C3 - Damaged parcel post shipment</p> <p>SUPPLY DOCUMENTATION D1 - Not received D2 - Illegible or mutilated D3 - Incomplete, improper or without authority (Only when receipt cannot be properly processed)</p> <p>MISDIRECTED MATERIAL M1 - Addressed to wrong activity</p> <p>OVERAGE/DUPLICATE SHIPMENTS O1 - Quantity in excess of that on receipt document O2 - Quantity in excess of that requested (Other than unit of issue pack) O3 - Quantity duplicates shipment</p> <p>PACKING DISCREPANCY P1 - Improper preservation P2 - Improper packing P3 - Improper marking P4 - Improper unitization</p>	<p>PRODUCT QUALITY DEFICIENCIES Q1 - Deficient material (Applicable to Grant Aid and FMS shipments)</p> <p>SHORTAGE OF MATERIAL S1 - Quantity less than that on receipt document S2 - Quantity less than that requested (Other than unit of issue pack) S3 - Non-receipt of parcel post shipments</p> <p>ITEM TECHNICAL DATA MARKINGS (i.e., Name Plates, Log Books, Operating Handbooks, Special Instructions, etc.) T1 - Missing T2 - Illegible or mutilated T3 - Precautionary operational markings missing T4 - Inspection data missing or incomplete T5 - Serviceability operating data missing or incomplete T6 - Warranty data missing</p> <p>WRONG ITEM (Identify requested item as a separate copy in Item 9 above) W1 - Incorrect item received W2 - Unacceptable substitute</p> <p>OTHER DISCREPANCIES Z1 - See remarks</p>	<p>1A - Disposition instructions requested (Reply on reverse)</p> <p>1B - Material being retained (See remarks)</p> <p>1C - Supporting supply documentation requested</p> <p>1D - Material still required expedite shipment (Not applicable to FMS)</p> <p>1E - Local purchase material to be returned at supplier's expense unless disposition instructions to the contrary are received within 15 days (Reply on reverse) (Not applicable to FMS)</p> <p>1F - Replacement shipment requested (Not applicable to FMS)</p> <p>1G - Reshipment not required. Item to be re-requisitioned</p> <p>1H - No action required. Information only.</p> <p>1Z - Other action requested (See remarks)</p>

13. FUNDING AND ACCOUNTING DATA	
14a. TYPED OR PRINTED NAME, TITLE, AND PHONE NUMBER OF PREPARING OFFICIAL	14b. SIGNATURE

15. DISTRIBUTION ADDRESSEES FOR COPIES
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16. FROM:

17. DISTRIBUTION ADDRESSEES FOR COPIES

18. TO:

Use window envelope to mail this document. Insert name and address, including ZIP Code, starting one typing space below the left dot. Each address line must NOT extend beyond right dot. Address must not exceed four single space typing lines.

19. IN ACCORDANCE WITH NOTICE OF DISCREPANCY ON FACE OF THIS FORM:

Fold here	a. MATERIAL	DOCUMENT NUMBER	b. <input type="checkbox"/> NO RECORD OF SHIPMENT. RESUBMIT REPORT TO PROPER OFFICE UNDER APPROPRIATE REGULATION.	
	<input type="checkbox"/> HAS BEEN SHIPPED <input type="checkbox"/> WILL BE SHIPPED		d. <input type="checkbox"/> INVOICE/BILL ATTACHED	e. <input type="checkbox"/> PROOF OF DELIVERY (Parcel Post Shipments) OR EVIDENCE OF SHIPMENT ENCLOSED.
c. <input type="checkbox"/> AN ADJUSTMENT IN BILLING HAS BEEN/WILL BE PROCESSED AS A:		<input type="checkbox"/> CREDIT <input type="checkbox"/> DEBIT	f. <input type="checkbox"/> AN ADJUSTMENT IN BILLING FOR THE REPORTED DISCREPANCY WILL NOT BE PROCESSED FOR THE FOLLOWING REASON WHICH IS CITED IN THE INDICATED REGULATION.	

(1) REASON FOR NOT PROCESSING	(2) PRESCRIBING REGULATION
(a) DISCREPANCY WAS NOT REPORTED WITHIN THE TIME FRAMES ALLOWED AND/OR	(a) CHAPTER 5 OF THE GSA HANDBOOK, DISCREPANCIES OR DEFICIENCIES IN GSA OR DOD SHIPMENTS, MATERIAL, OR BILLINGS (FPMR 101-26.8)
(b) DOLLAR VALUE DOES NOT MEET THE CRITERIA PRESCRIBED IN THE REGULATION OR AGREEMENT INDICATED IN 19(f)(2)	(b) CHAP. 2 AND/OR 7 OF DOD 4000.25-7-M, MILITARY STANDARD BILLING SYSTEM (MILSBILLS) AND/OR DD 1513, U.S. DOD OFFER AND ACCEPTANCE, AS APPLICABLE.

20. THE FOLLOWING DISPOSITION IS TO BE MADE OF THE REFERENCED MATERIAL:

a. <input type="checkbox"/> PROCESS FOR DISPOSAL IN ACCORDANCE WITH SERVICE/AGENCY DIRECTIVES	b. <input type="checkbox"/> REPRESENTATIVE WILL CALL FOR DISCUSSION CONCERNING DISPOSITION IN:	DAYS
c. <input type="checkbox"/> RETAIN MATERIAL AT NO CHARGE.	d. <input type="checkbox"/> MATERIAL WILL BE PICKED UP IN:	DAYS
e. <input type="checkbox"/> SHIP MATERIAL (Specify location):		
(1) <input type="checkbox"/> GBL APPROPRIATION CHARGEABLE:		
(2) <input type="checkbox"/> CHARGES COLLECT - VIA: <input type="checkbox"/> FREIGHT <input type="checkbox"/> EXPRESS <input type="checkbox"/> PARCEL POST		
(3) <input type="checkbox"/> PARCEL POST LABEL ATTACHED (4) <input type="checkbox"/> FREIGHT PREPAID		
(\$ _____ postage advanced herewith. NOTE: Please enclose postage. Material cannot be returned Parcel Post collect.)		

f. OTHER (Specify)

21. <input type="checkbox"/> IF MATERIAL IS STILL REQUIRED, SUBMIT NEW REQUISITION	22. <input type="checkbox"/> REPLACEMENT WITH SATISFACTORY MATERIAL WILL BE MADE ON OR BEFORE:	DATE
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23. REMARKS (Continue on separate sheet of paper if necessary)

24a. TYPED OR PRINTED NAME AND PHONE NUMBER OF PREPARING OFFICIAL	24b. SIGNATURE	24c. DATE
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CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated 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 the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER <u> X </u>
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D. SYSTEM/ITEM IFF Interrogator, AN/PPX-3A, -3B	E. CONTRACT/PR NO.	F. CONTRACTOR
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1. DATA ITEM NO. A002	2. TITLE OF DATA ITEM Request For Waiver	3. SUBTITLE Configuration Management
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4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80641B	5. CONTRACT REFERENCE SOW 3.3	6. REQUIRING OFFICE MCLBA (825)
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7. DD 250 REQ LT	8. DIST STATEMENT REQUIRED A	9. FREQUENCY ASREQ	10. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION		
8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE		b. COPIES	
			MCLBA (825-2)		Draft	Final
					Reg	Repro

16. REMARKS Blk 4 - Contractor format is authorized. Blks 10 & 12 - RFWs shall be submitted to obtain authorization to deliver nonconforming material which does not meet prescribed configuration documentation. RFWs will be reviewed and disposition determined within 30 calendar days upon receipt by the Government. RFWs shall be transmitted via E-Mail to the following address: crawfordbj@matcom.usmc.mil Distribution Statement A: Approved for public release, distribution is unlimited							
	15. TOTAL	0	1	0			

G. PREPARED BY Betty Jean Crawford	H. DATE 23 Aug 99	I. APPROVED BY R.F. Jones for Larry Herndon	J. DATE 9/14/99
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17. PRICE GROUP
18. ESTIMATED TOTAL PRICE