W15P7T04-R-C209

ATTACH 001

AN/ALQ-156(V)1, and AN/ALQ-156A(V)1

Radio Frequency (RF)

Countermeasures Sets (CMS)

Statement of Work (SOW)

For

Acquisition and Maintenance

Of Depot Spares

12 April 2004

Statement of Work

1.0 Scope. This Statement of Work (SOW) defines the efforts required to produce and/or repair the products required by this solicitation in accordance with the documents called out in the requirements section of the SOW. The items being purchased and/or repaired are modules and subassemblies of the AN/ALQ-156(V)1,2,3 And AN/ALQ-156A(V)1, Countermeasures System.

2.0 Applicable Documents. The following documents are applicable to the extent cited herein:

2.1 Government Documents/Drawings

SM-D-920681	Top Assembly Drawing for Countermeasures Set, AN/ALQ-156(V)1
SM-D-991796	Top Assembly Drawing for Countermeasures Set, AN/ALQ-156(V)2
SM-D-991797	Top Assembly Drawing for Countermeasures Set, AN/ALQ-156(V)3
A3294010	Top Assembly Drawing for Countermeasures Set, AN/ALQ-156A(V)1

2.2 List of Classified Government Documents

SM-A-951594	FMO Coded Requirements, AN/ALQ-156(V), Secret
SM-A-951595	Power Amplifier/Duplexer Coded Requirements, AN/ALQ-156(V), Secret
SM-D-951554	"Need To Know"
SM-A-920699	"Need To Know"
SM-A-920758	"Need To Know"
SM-A-921027	"Need To Know"
SM-A-991903	"Need To Know"

2.3 Government Specifications and Standards

MIL-STD-130L	Identification Marking of U.S. Military Property

3.0 Requirements. All production/repair and engineering service tasks to be performed under this contract will be exercised via government issue of Delivery Orders.

Task. Each task will describe the requirements and objectives of the Government. The task shall identify the products and/or services required, list appropriate reference material, set forth a task completion schedule or request the contractor to furnish it, describe report requirements and set forth any other pertinent information necessary for task completion. The contractor shall respond to the task within (10) working days or as noted in task

Task Execution Plan (TEP). The contractor shall submit to the Procuring Contracting Officer (PCO) a TEP, based on the task provided by the Government, describing how he will perform each task, with an estimate of the manhour requirements (by category of skill, and labor hours) and associated personnel resumes, if required, to complete the task, with an estimate of the travel and material required for accomplishments of each task. The response time for this plan will be as indicated in the Procuring Contracting Officer's initial request.

Delivery Order. After Government review and evaluation of the TEP, the PCO may issue a delivery order. The contractor shall not proceed with the tasking until a delivery order has been issued.

The items to be produced and/or repaired under this contract are those listed in Attachment 1. Test and acceptance documents are also listed in Attachment 1 of this SOW. In the event of a conflict between the requirements of this SOW and any drawings for the item on contract, the requirements of this SOW shall govern. The Contractor shall make available for review upon request the acceptance and manufacturing documents listed in Attachment 1.

3.1 Requirements for Item Marking (Commercial Off The Shelf Items).

3.1.1. Part Number Marking. Each item delivered under contract, along with each assembly, sub assembly, and module, shall be legibly marked with the appropriate part number and manufacturer's identification. Hardware such as screws, nuts, bolts, etc., need not be marked. This requirement should be entirely met by the contractor's standard commercial marking. However, if there is any question about marking it shall be directed to the Contracting Officer for resolution.

3.1.2. Serial Number Marking.

3.1.2.1. Any item or subassembly which contains a serialization requirement shall have serial numbers applied to each item in the place provided (generally on a nameplate/serial number plate). In addition, the contractor shall provide the Government within 60 days of contract completion a listing of serial numbers actually delivered under this contract to:

Commander, US Army Communications-Electronics Command
ATTN: AMSEL-LC-CCS-A-AS
Fort Monmouth, NJ 07703-5000

The contractor shall include the following information in the statement:

1) Contract Number
2) Quantity of item on contract
3) Item's part number as noted in Section B of the contract.
4) Contractor's name and address.
5) Actual serial numbers of items delivered.

3.1.2.2 Requirements for Unique Item Identification (UID). The contractor shall mark all contract deliverables in accordance with (IAW) the following.

3.1.2.2.1 UID Marking. The contractor shall provide UID, or DoD recognized unique identification equivalent, for all items delivered on this contract . UID markings shall be IAW MIL-STD-130L. Marking materials creating hazardous conditions shall not be used.

3.1.2.2.1.1 Commercial Markings. All other items shall have commercial markings.

3.1.2.2.1.2 Permanency and Legibility. The UID marking and identification plates, tags, or labels when used on equipment, parts, assemblies, subassemblies, units, sets, or groups shall be as permanent as the normal life expectancy of the item and be capable of withstanding the environmental test and cleaning procedures specified for the item. Legibility shall be as required for ready readability per MIL-STD-130L.

3.1.2.2.1.3 Deleterious Effect. Marking of items shall be accomplished in a manner that will not adversely affect the life and utility of the item.

3.1.2.2.2 UID Coding. UID markings and readability requirements shall comply with MIL-STD-130L.

3.1.2.2.2.1 The human readable characters and the UID symbology will be marked on the hardware. If there is not enough space to include both, the machine readable UID shall take precedence.

3.1.2.2.2.2 If the technical data has not specified the marking location, markings shall be located such that they are visible during item use, provided that sufficient space is available.

3.1.2.2.3.3 Serial Numbers. The contractor shall meet the requirements of MIL-STD-130L to establish the UID. The contractor shall insure that the UID is unique for that item from all other items.

3.1.2.2.3.4.1. The contractor shall maintain an accurate, current list of UIDs for all manufactured items on this contract. Dates of manufacture, substitutions, shop changes, etc. shall be included on this list. The list shall be available for inspection by the PCO or other Government representative at any time during the life of this contract.

3.1.2.2.4 Correction of Noncompliant Equipment and Technical Data.

3.1.2.2.4.1 The contractor shall initiate the appropriate configuration control document to correct all affected drawings/specifications which conflict with or omit the marking requirements stipulated above.

3.1.2.2.4.2 If the item on order is defined by existing Government technical documentation and such documentation is in conflict with the requirements of this SOW, delivery of equipment with revised markings shall not proceed until Government approval is received.

3.1.2.2.5 Pricing of UID Requirements. All efforts required by this SOW, including the preparation of ECPs or notification of marking deficiencies and the actual marking of hardware, will be included in the base contract price.

3.2. Requirements for Quality Assurance Program. The contractor shall implement and maintain a Quality Assurance Program that meets or exceeds the requirements established below. These requirements are commonly accepted practices employed by industry.

3.2.1 Quality Program. The contractor shall establish/maintain a quality program to satisfy contract or order requirements.

3.2.2 Quality Organization. The contractor shall designate a specific organizational element with the responsibility for overseeing quality functions.

3.2.3 Initial Quality Planning. The contractor during the earliest practical phase of the contract shall conduct a complete review of the contract requirements to identify all the resources necessary for assuring product quality.

3.2.4 Design. The contractor shall establish/maintain controls over the design process to ensure that contract requirements are satisfied.

3.2.5 Document Control. The contractor shall establish/maintain procedures that control the adequacy, completeness, currentness, and changes of all documents (work instructions, drawings, specifications, etc.).

3.2.6 Records. The contractor shall maintain and utilize all records (including inspection and test records) required for effective operation of the quality program. The quality program shall ensure that these records are complete (including subcontractor records) and reliable. Records shall be made available to the Government for review upon request. Records shall be maintained for at least two years after contract completion.

3.2.7 Control of Purchases. The contractor shall ensure that all supplies and services purchased from suppliers conform to contract requirements. The contractor shall require that their subcontractors control the quality of their services and supplies.

3.2.8 Government Furnished Material (GFM). For all GFM received under this contract the contractor shall be responsible for conducting all necessary inspections, maintenance, and tests. The Contractor shall be responsible for preventing damage to all Government Furnished Material/Equipment (GFM/GFE) while being moved, handled, disassembled, inspected, repaired, updated/modified, reassembled, stored, and shall repair all such damages at no cost to the Government.

3.2.9 Materials Control. The contractor shall maintain controls over all materials and products throughout the manufacturing process. These controls shall enable the identification of materials which have passed inspection from those which have not. The contractor shall maintain records identifying the status and final destination of all materials/products.

3.2.10 Nonconforming Material. The contractor shall establish and maintain a system for controlling material which does not satisfy contract requirements, including procedures for its identification, segregation, and disposition (rework/repair, scrap, etc.).

3.2.11 Corrective Action. The contractor shall promptly detect nonconforming material and conditions adverse to quality. It shall then initiate the corrective actions required to satisfy contract requirements.

3.2.12 Manufacturing Operations/Process Controls. The contractor's quality program shall be responsible for assuring/monitoring that all manufacturing operations/processes are accomplished under controlled conditions. Controlled conditions include documented work instructions (including workmanship), production equipment, special work environments, inspections/tests, work specifications, and approval/rejection criteria.

3.2.13 Inspection and Testing. The quality program shall assure that all inspections and tests required to satisfy contract or order requirements are conducted.

3.2.14 Measuring, Testing, and Inspection Equipment. The contractor shall provide and maintain gages (including production tooling used for inspection purposes) and other measuring and testing equipment to assure that products conform to contract requirements. These devices shall be calibrated against certified measurement standards which are traceable back to national/international standards.

3.2.15 Inspection and Test Status. The contractor shall maintain a system for the identification of the inspection and test status of all products throughout all stages of the manufacturing cycle.

3.2.16 Quality Audits. The contractor shall perform internal quality audits to verify the effectiveness of their quality program

3.2.17 Training Requirements. The contractor shall identify/provide for the training needs of their personnel performing quality functions.

3.2.18 Service. The contractor shall establish/maintain procedures for performing/verifying that contract service requirements are satisfied.

3.2.19 Statistical Quality Control and Analysis. The contractor shall establish/utilize statistical methods whenever appropriate to satisfy the contract or order requirements.

3.2.20 Continuous Process Improvement. The contractor shall monitor the effectiveness of their quality program and continually improve quality processes.

3.2.21 Packaging - Preservation, packing, and marking for shipment shall be in accordance with Section 'D' of the Contract.

3.3. Requirements for Final Inspection and Test. The Contractor shall perform inspection and verification of a manufactured LRU utilizing the applicable acceptance document listed in column 4 of Attachment 1. Additionally the manufactured spares shall meet the requirements of their respective system specifications and/or top assembly drawings when the spares are tested or are operating in their respective systems. See table below cross referencing the different system versions to their respective specifications and/or top assembly drawings:

System	Top Assembly Drawing
AN/ALQ-156(V)1	SM-D-920681
AN/ALQ-156(V)2	SM-D-991796
AN/ALQ-156(V)3	SM-D-991797
AN/ALQ-156A(V)1	A3294010

3.3.1 Quality System. The contractor shall establish/maintain a system for the final inspection and test of all purchased items to comply with contract or order requirements.

3.3.2 Inspection and Testing. The contractor shall assure that all inspections and tests were performed on spares in accordance with their respective acceptance documents listed in Attachment 1. The contractor shall perform any additional inspections and tests (including visual/mechanical inspections and functional tests) required to satisfy the form, fit, and function requirements of the contract or order.

3.4 Repair Program

3.4.1 Stockage Items - The Contractor shall transfer all remaining materiel from the current contract, DAAB07-00-D-M751, to this contract. This transfer shall be by means of a DD Form 1149 with an attached list of the items to be transferred. This requirement shall constitute the authority for said transfer. In addition to items transferred from the preceding contracts, the Contractor shall identify, stock and maintain an inventory of the items which are deemed necessary to support the delivery requirements of this contract. Factors to be considered are usage, criticality and lead time.

3.4.2 Source Of Supply - The primary source of supply shall be the Lay-in materiel to be kept at the Contractor's facility, which is to be initially stocked with all necessary items (spares and components) by the Government. The Contractor shall be responsible for management, control and requisition of replenishment stock.

3.4.3 Disposition Of Government Materiel - All materiel furnished by the Government or procured with Government funds which is determined by the Contractor to be excess/residual shall be returned to the depot designated by the government Administrative Contracting Officer (ACO). The ACO disposition instructions shall include funding information, level of protection and level of pack, mode of shipment, destination, and "mark for" instructions.

3.4.4 Determination Of Scrap Materiel - All materiel which cannot be repaired or cannibalized for usable piece parts shall be deemed scrap materiel and shall be disposed of IAW Paragraphs 3.5.5.1 and 3.5.5.2 of this SOW.

3.4.5 Disposition Of Scrap Materiel

3.4.5.1 Items with a unit cost of less than $700 which meet the criteria in Paragraph 3.5.4, above, shall be identified to the ACO by the Contractor. With the approval of the ACO and the concurrence of the Acquisition Contracting Officer (ACO), these items shall be condemned, designated as scrap, and disposed of locally by the Contractor.

3.4.5.2 Items with a unit cost of $700 or more, regardless of the Recoverability Code, which meet the criteria in Paragraph 3.5.4, above, shall be identified to the Item Manager by the Contractor for further disposition. If the decision is made to ship it elsewhere in the Supply System, the Contractor is to appropriately mark it, tag it and bulk pack it whenever feasible. Packaging shall be IAW standard commercial shipping requirements.

3.4.6 Repairs

3.4.6.1 This portion of the SOW is for the repair of the unique assemblies and subassemblies of the AN/ALQ-156(V) Family of Countermeasure Sets. Repairs shall be accomplished IAW the Contractor's repair procedures, approved maintenance manuals and other technical documentation listed in Attachment 1 of this SOW. The Contractor shall provide services, materiel, and facilities necessary to perform these repairs.

3.4.6.1.1 The extent of repair required to restore inoperable end items to fully functional status shall be determined through test, inspection, disassembly, etc. Cause of failure may also be determined by fault-isolation tests in the field and documented via SF 368 Form for Quality Deficiency Reports (QDRs).

3.4.6.1.2 These services, which may be performed at either the Contractor's or the Subcontractor's facilities, include, but are not limited to: evaluate, repair, reprogram, adjust, assemble, calibrate, acceptance test, customer sell-off, and pack and ship, as required, for all equipment assemblies, subassemblies, modules or other parts determined by the Government to require such services.

3.4.6.2 The anticipated repairables include, but are not limited to, the AN/ALQ-156(V) Shop Replaceable Units (SRUs) listed below in attachment 1.

3.4.6.3 Receipt Of Repairables

3.4.6.3.1 Assets shall be input for repair via a shipping document (DD Forms 1348 and/or 1149). Equipment shall be handled in such a manner as to prevent damage and theft. The Contractor, upon receipt of equipment, shall provide maximum safeguards to protect the equipment in storage and while it is being transferred to work area. Serialized, reusable Government containers shall be retained, stored and protected for reuse.

3.4.6.3.2 Upon receipt of repairables, the Contractor shall check for any shipping damages and verify identification of received assets with accompanying documentation. The Contractor shall document the condition of items received as Government Furnished Property on contractor report format, which shall be made available to the Defense Contracts Management Command (DCMC) Quality Assurance Representative (QAR).

3.4.6.3.3 In the event that shipping damage and/or paperwork discrepancies exist, the Contractor shall submit the Report of Discrepancy (ROD), SF Form 364, to the DCMC QAR and the ACO. Items to be repaired which have discrepancies and/or damage shall be held until DCMC QAR approval (SF Form 364) is received.

3.4.6.4 Inspection - The QAR shall be notified by the contractor, in advance, of the planned date to conduct the initial inspection of the received items.

Prior to the initial functional test, the cover is to be removed from the unit and a visual inspection made to determine if the equipment is defective due to such things as loose wires or components, broken or missing parts, burned resistors, corrosion, existence of foreign matter, etc. These defects shall be documented on contractor inspection report format and shall be made available for review upon government request. The encountered defects shall be corrected as part of the repair service.

3.4.6.5 Evaluation/Functional Test - All equipment shall be functionally tested to the applicable test procedures specified in Attachment 1 of this SOW to evaluate the condition of incoming assets. Failures shall be documented on BAE Systems Failure Report and made available to the Government on request, and the required repairs shall be performed IAW Paragraph 3.5.6.6 of this SOW.

3.4.6.5.1 Results of the initial functional test may warrant removal and further testing of modules or subassemblies. Such subassemblies shall be tested IAW the procedures listed in Attachment 1 of this SOW.

3.4.6.5.2 Further inspection of removed modules, subassemblies, and partially disassembled end items may be necessary to determine and correct any visually identified defects. An end item shall not be completely disassembled for the purpose of inspection unless warranted by progressive test and inspection.

3.4.6.6 Repair Activity - The contractor shall make repairs provided that the cost to inspect, test, evaluate and repair does not exceed the balance of unspent funds still available in the Delivery Order, and the period of performance for the Delivery Order has not yet expired. If individual item repairs exceed the cost threshold of paragraph 3.5.6.10 of this SOW, the government may elect not to repair the items exceeding the cost threshold.

Repairs shall be performed to return a repairable item to a serviceable condition. If all material is on hand, the contractor will perform repairs within 120 days (160 days for the FMO only) from receipt of the repairable item. If material must be ordered, the Contractor may request in writing an extension to the required turn around time described above

3.4.6.6.1 Corrosion Control - If corrosion on components or unit chassis were detected during inspection, this shall constitute reason for a more thorough disassembly and inspection. Should corrosion be found on a component, disassembly shall be made to the extent necessary to remove corrosion or replace the part(s). Should corrosion be found on more than one location, disassembly shall be done to the least affected module or subassembly level.

3.4.6.6.1.1 Corroded parts are to be replaced, except in those cases where removal of corrosion from a part shall not impair efficiency nor life of the part, such as a small spot of corrosion on the case of a sealed relay. Corrosion removal and treatment of affected areas is to be accomplished IAW generally accepted commercial shop practices and procedures.

3.4.6.6.2 Workmanship All Items manufactured or repaired under this contract shall conform to the following workmanship requirements:

3.4.6.6.2.1 Cleaning - After fabrication and/or repair, parts and assembled equipment should be cleaned of smudges; loose, spattered or excess solder; weld metal; metal chips and mold release agents; or any other foreign material which might adversely affect the intended operation, function or appearance of the system.

3.4.6.6.2.2 Threaded Parts or Devices - Screws, nuts and bolts should not show evidence of cross threading, mutilation, or detrimental or hazardous burrs, and should be firmly secured.

3.4.6.6.2.3 Bearing Assemblies - Bearing assemblies should be free of rust, discoloration, and imperfections ground, honed or lapped surfaces. Contacting surfaces should be free of tool marks, gouge marks, nicks, or other surface-type defects. There should be no detrimental interference, binding, or galling.

3.4.6.6.2.4 Wiring - Wires and cables should be positioned or protected to avoid contact with rough or irregular surfaces and sharp edges and to avoid damage to conductors or adjacent parts.

3.4.6.6.2.5 Shielding - Shielding on wires and cables should be secured in a manner that will prevent it from contacting or shorting exposed current-carrying parts. The ends of the shielding or braid should be secured to prevent fraying.

3.4.6.6.2.6 Containment Guidelines - The harness and cable form containment means should be neat in appearance, uniformly applied, and positioned to retain critical form factors and breakout locations. The containment means (lacing, ties, tiedown straps, etc) should not cause the wire or cable insulation to deform so that performance characteristics are adversely affected.

3.4.6.6.2.7 Insulation - There should be no evidence of burns, abrading or pinch marks in the insulation that could cause short circuits or leakage.

3.4.6.6.3 Parts, modules, or subassemblies found to be in serviceable condition as a result of inspection and functional test are to be reused. Missing or defective parts are to be replaced.

3.4.6.6.4 Cleaning of the unit shall remove all foreign matter such as dust, dirt, grease, loose solder, excess paint and corrosion.

3.4.6.6.5 Finishing - Minor scratched, chipped or scaled surfaces shall be touched up using matching enamel, lacquer or equivalent. More severely marred surfaces shall be repainted or otherwise refinished using matching material that will provide adequate protection and a smooth, even surface. Bare metal surfaces shall be primed with metal primer prior to application of the finishing paint. No part shall be refinished to a "like new" condition merely for the sake of appearance.

3.4.6.6.5.1 Damaged or illegible data plates, decals, rubber stamps, or stencils shall be replaced.

3.4.6.6.6 The contractor shall provide a data collection system to support the requirements of this SOW and shall track the following subparagraphs.

3.4.6.6.6.1 Enter, analyze and store reported field failures for both confirmed and unconfirmed failures.

3.4.6.6.6.2 Perform investigations of failed units.

3.4.6.6.6.3. Trends Analysis: Determine and report on expected trends, and at the discretion of the ACO, investigate causes of trends and identify corrective actions based on analysis of data.

3.4.6.6.6.4 Perform assessments based on expected usage, projected failure rates and observed failure rates.

3.4.6.7 Acceptance Test - Repaired electrical/electronic equipment shall be re-tested IAW documents listed in column 4 of Attachment 1 of this SOW to verify that repair actions were successful. Any failures at this point may result in additional repair activity.

3.4.6.7.1 Final acceptance test data shall be submitted to the DCMC QAR who may elect to witness the tests on a concurrent, non-interference basis. The QAR shall be notified by the contractor, in advance, of the planned date to conduct the acceptance testing.

3.4.6.8 Sell Off - Repaired items shall be submitted to the DCAS QAR for acceptance.

3.4.6.8.1 Repaired items to be returned to the Army depot shall be sold-off on a BAE Systems' Shipping Record with Certification signed by a Government Quality Assurance Representative and a DD Form 1149, Requisition and Invoice/Shipping Document as they are completed. Repaired items shall be shipped back to the same depot they arrived from unless directed otherwise, by an individual delivery order and/or contract modification.

3.4.6.8.2 Packaging for delivery shall be IAW Section D of the Contract.

3.4.6.9 Billing - Labor, materiel and freight charges shall be billed as the costs are incurred IAW the Payments Clause of the Contract.

3.4.6.10. Repair Cost Threshold - It may be considered not economical to repair an unserviceable item when the total cost of the repair task exceeds 65% of the original unit price to be supplied by the Government at the contract award conference. This threshold shall apply to all repairs covered by this SOW. In the event that the Contractor determines that the cost for repairing the unserviceable item will exceed the 65% threshold of the original unit price of the item, the Contractor shall contact the PCO for instructions. The Contractor shall not be reimbursed for repairs in excess of the 65% threshold without prior approval from the PCO.

When computing the repair cost of an item, any missing subassemblies shall be excluded if they are available from the inventory of Government Furnished Repair Parts.

3.4.6.10.1 If the Government elects not to complete repair of an item which exceeds the 65% threshold, the Contractor shall be notified, in writing, by the ACO of the disposition instructions for the item.

3.4.6.10.2 If the Government elects to complete the repair of the item, the Contractor shall be notified, in writing by the ACO, to proceed with repair of the item.

3.4.6.10.3 Unless otherwise instructed by the ACO, all items determined to be beyond economical repair may be retained at the Contractor's plant. All usable components within the item shall be retained and utilized for repair of additional unserviceable items.

3.4.6.11 Repair Status Report - The Contractor shall provide a repair status report, on a monthly basis, IAW the SOW and DD Form 1423 for DI-MISC-80711A (See Attachment 2.).

As a minimum, the report shall contain the following information: Item Name/Nomenclature, Part Number and NSN, Serial Number, a description of failure Mode, a description of the implemented corrective action, and the repair cost for each individual item. The repair cost shall be broken down by labor hours and labor categories. If discrete parts were replaced as part of the repair action, a description of these parts shall also be provided.

3.4.7 – Government Furnished Equipment (GFE)

3.4.7.1. Any failure of GFE, which includes all of Government furnished repair items and all of Government furnished special test equipment (STE), during initial functional test activity of para. 3.4.6.5 shall be documented and repaired IAW this SOW.

3.4.7.2 Disassembly for repair of GFE will be limited to the extent necessary to accomplish the required repair. The repairs shall be limited to the affected functional areas.

3.4.7.3 Acceptance test of repairs verifying successful repair actions shall be performed IAW Paragraph 3.4.6.7 of this SOW. Quality Assurance shall submit final acceptance test data for DCMC QAR approval at which time repair efforts shall be sold-off on a BAE Systems' Shipping Record with Certification signed by a Government Quality Assurance Representative and a DD Form 1149, Requisition and Invoice/Shipping Document.

3.4.7.4 Repair and/or refurbishment of subassemblies may involve Subcontractor(s) services at their respective plants. This Contract specifically covers repair of all unique AN/ALQ-156 parts including those listed in para 3.4.6.2.

3.4.8 - Engineering Services Statement - Engineering services for work to be performed on the AN/ALQ-156 program are included in this contract. Such services may include, but are not limited to, engineering change proposals (ECP's), engineering redesigns, engineering studies and technical evaluations, technical manual updates, software changes/updates, provisioning updates and other program requirements. Work will be defined in separate task orders by task as required, and shall be issued by the procuring activity.

3.5 Security - The security requirements for this effort are defined in the attached DD254.

3.5.1 Classified Document List - The following list of classified documents are pertinent to this effort:

Document Number	Document Title
SM-A-951594	FMO Coded Requirements, AN/ALQ-156(V), Secret
SM-A-951595	Power Amplifier/Duplexer Coded Requirements, AN/ALQ-156(V), Secret
SM-D-951554	"Need To Know"
SM-A-920699	"Need To Know"
SM-A-920758	"Need To Know"
SM-A-921027	"Need To Know"
SM-A-991903	"Need To Know"

3.6 Requirements for Commercial Warranty –

3.6.1 New Build and Repaired Parts - The Contractor shall warrant that, at the time of delivery, any new build and repaired hardware Deliverables, shall be free from defects in material and workmanship under normal usage for a period of one (1) year after delivery or, for time replaceable parts up to its required change-out time, whichever comes first. The Contractor's sole liability under this warranty shall be limited to the repair or replacement of the Deliverables returned to the Contractor or the refund of its price, at the Contractor's option. Notice of any defect shall be given to the Contractor in writing including details of its usage time and any maintenance actions taken. The government will pay for transportation to and from the Contractor's plant. The Contractor shall have no liability under Warranty for (a) Altered Goods; (b) Deliverables which the government has not maintained in accordance with Contractor's maintenance manuals or (c) Deliverables that have been abused, repaired, or misused by the government or third parties. This warranty shall not apply to expendables and consumable parts. If a warranted part is returned to Contractor and the failure can not be replicated (No Evidence of Failure "NEOF") or if it is solely determined by Contractor that the warranty does not apply, the government agrees to make an equitable adjustment in the contract value for the Contractor's efforts associated therewith. In such an event, the Contractor shall submit a request for equitable adjustment to the government within thirty (30) days following the NEOF or non-warranty determination.

3.6.2 Marking of Warranted Items - Warranty markings shall be applied to unit, intermediate and shipping containers. The markings will be in a conspicuous location to give notice that the item(s) are subject to a warranty. These markings shall indicate the time period or condition of the warranty (e.g., days/months, hours of operation, etc.). The warranty markings shall be applied by labeling, tagging, or printing and shall be prefaced by the words "WARRANTY ITEM" in letters approximately two times larger then the letters for the remainder of the required information. Markings shall indicate the Contract Number and date of warranty expiration.

3.7 Configuration Control – The documents described in paragraph 2.1 and column 2 of Attachment 1 and related documents, are the configuration baseline (CB) for this effort. Changes to the baseline and related documentation shall be accomplished via contractor submission of Engineering Change Proposals (ECP's). ECP's shall be categorized as Class I or Class II as defined below:

Class I - Changes affecting form, fit and functionality.

Class II - Changes to correct minor discrepancies.

No Class I or II ECP's shall be implemented until approved, in writing, by the Government Contracting Officer.

3.7.1. Engineering Change Proposal (ECP)

3.7.1.1. Major (Class I) ECP. A major change shall include both the engineering change and the supporting documentation by which the change is described. The ECP shall also include a complete analysis of the technical, interface, cost, schedule and logistic impacts of the proposed change. Class I ECP shall be submitted in accordance with CDRL for DI-CMAN-80639C (see Attachment 3).

3.7.1.2. Minor (Class II) ECP. A minor change does not impact form, fit or function. Minor changes (Class II) shall be processed to correct documentation errors or enhance Contractor productivity without detriment to the Government. Class II ECP's shall be submitted in accordance with CDRL for DI-CMAN-80639C (See Attachment 4).

3.7.2. Notice of Revision (NOR): A Notice of Revision (NOR) shall be prepared to depict changes that must be made to technical documentation by the documentation custodian following an approval of Class I or Class II ECP's. If the Contractor initiates the change, then the Contractor shall prepare the NOR in accordance with DI-CMAN-80642C (See Attachment 4).

3.7.3. Request for Deviation. The Contractor shall not deliver any product with a known nonconformance without first having processed and received Government approval. A Request For Deviation (RFD) shall be a specific written request to depart from a particular performance or design requirement, of an item's current approved configuration documentation for a specific number of units or a specific period of time. An RFD may be requested prior to manufacture, during manufacture or after an item has been submitted to the Government for inspection and acceptance for delivery. The request shall include a commitment to correct the deficiency on subsequent units. The RFD shall be prepared and submitted in accordance with this SOW and CDRL for DI-CMAN-80640C (See Attachment 5).

3.8 Meetings

Meetings to discuss program issues/concerns shall be called and conducted as needed at the Contractor facility or the Government Contracting Activity. Meetings will be held at the Government Contracting Activity or the Contractor facility at the discretion of the Government Contracting Activity.

3.9 War Clause

The Government may direct the contractor to perform services in support of a contingency or exercise, as provided by law or defined by the applicable Service Component Command. Services may be performed in the identified area of operations, also known as theater of operations, or in support of the contingency or exercise. Required support/services related to the War Clause are defined elsewhere in the contract.

Attachment 1

Item Description	P/N	NSN	ATP
Control Indicator	SM-D-991625	5895-01-134-3163	SM-A-951597
CCA, CI, 1A2A1	SM-D-991621	5998-01-179-4919	SM-A-951596
RT-1220A	SM-D-991795	5865-01-156-0455	SM-A-991882
RT-1220	SM-D-920682	5841-01-136-5832	SM-A-920758
FMO	SM-A-920700	5841-01-136-5833	SM-A-920700
Duplexer (V)1, A15	SM-A-991649	5841-01-134-3157	SM-A-991649
Duplexer (V)2/3, A15	SM-A-991757	5865-01-205-6099	SM-A-991757
Power Supply (PS1)	SM-D-921063 or A3281949	5998-01-134-3169	SM-A-951585
Power Amp, AR1	SM-A-920701 or A3069274	5841-01-134-3158	SM-A-920701
First IF (V)1, A16	SM-A-920698	5841-01-134-3156	SM-A-920698
First IF (V)2/3, A16	SM-A-991758	5865-01-209-3227	SM-A-991758
PS1A1	SM-D-921033	5998-01-200-6962	SM-A-951582
PS1A2	SM-D-921035	5998-01-200-6963	SM-A-951583
PS1A3	SM-D-921037	5998-01-200-6964	SM-A-951584
Coupler Dir., A17	SM-C-991662	5985-01-290-7027	SM-C-991662
Power Divider, A18	SM-C-951567	5895-01-134-3162	SM-C-951567
CM Heat, A19	SM-D-991643	5998-01-161-3959	SM-A-991697
Bus Interface A20, V2/3	A3064806	5865-01-229-0641	A3064818
Bus Interface Unit,A20A1	A3064815	5998-01-232-5007	A3064815
Antenna, V1, AS-3149	SM-D-920683	5985-01-134-3161	SM-A-920933
Antenna, V2, AS-3650	SM-D-991808	5985-01-156-0437	SM-A-991886
Antenna, V3, AS-3649	SM-D-991809	5985-01-162-6084	SM-A-991887
CCAs (V)1			
A1	SM-D-920684	5998-01-134-3164	SM-A-921062
A2	SM-D-920685	5998-01-134-3165	SM-A-921046
A3	SM-D-920687	5998-01-134-3166	SM-A-921076
A4	SM-D-920688	5998-01-134-3167	SM-A921077
A5	SM-D-920689	5998-01-134-3168	SM-A-921078
A6	SM-D-920686	5999-01-166-7855	SM-A-921027
A7	SM-D-920690	5998-01-161-3952	SM-A-921027
A8	SM-D-920691	5998-01-161-3953	SM-A-921027
A9	SM-D-920692	5998-01-161-3954	SM-A-921027
A10	SM-D-920693	5998-01-161-3955	SM-A-921017
A11	SM-D-920694	5998-01-161-3956	SM-A-921017
A12	SM-D-920695	5998-01-161-3957	SM-A-921017
A13	SM-D-920696	5998-01-161-3958	SM-A-921017
A14	SM-D-920761	5998-01-135-2151	SM-D-920761

CCAs (V)2/3			
A1	SM-D-991798	5998-01-200-2734	SM-A-991820
A2	SM-D-991799	5998-01-200-2735	SM-A-991822
A3	SM-D-991843	5998-01-200-2736	SM-A-991846
A4	SM-D-991800	5998-01-200-2737	SM-A-991824
A5	SM-D-991801	5998-01-200-2738	SM-A-991826
A6	SM-D-991847	5998-01-200-2739	SM-A991859
A7	SM-D-991802 or A3256776	5998-01-200-2746	SM-A991829
A8	SM-D-991850 or A3214312	5998-01-200-2740	SM-A991858
A9	SM-D-991803	5998-01-200-2741	SM-A991857
A10	SM-D-991804	5998-01-200-2742	SM-A-991832
A11	SM-D-991805	5998-01-200-2743	SM-A-991853
A12	SM-D-991806	5998-01-229-0705	SM-A-991854
A13	SM-D-991807 or A3214315	5998-01-200-2745	SM-A-991856
A14	A3064855	5998-01-239-6926	A3064855
MAM (V)1	SM-D-991746	5865-01-159-5083	SM-D-991746
MAM (V)2/3	A3064786	5865-01-250-5990	A3064786
RT 1220B	A3294011	5840-01-506-6700	A3294012
A2	A3294013	5998-01-511-7254	ATP5855755
A4	A3294015	5998-01-511-7082	ATP5855745
A5	A3294017	5998-01-511-8060	ATP5855705
A6	A3294019	5998-01-511-8132	5855513
A7	A3294023	5998-01-511-7275	5855513
A8	A3294025	5998-01-511-7079	5855513
A9	A3294027	5998-01-511-8117	5855513
A12	A3294029	5998-01-511-8095	5855502
A14	A3294034	5998-01-511-7277	A3294034
A15	A3294036	5895-01-514-4432	A3294036
AR1	A3294038	5996-01-513-9656	A3294040
MAM	A3294042	6625-01-515-7986	5855513 & 5855502
TS-3609	SM-D-920797	6625-01-142-3433	SM-A-951543

Attachment 2

Technical Manual requirements contained herein have been cleared for use by OMB N0. 0704-0188, expiration date of 30 June 1995

CONTRACT DATA REQUIREMENTS LIST	Form Approved OMB No. 0704-0188

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 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 Contracting Officer for Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY TDP___ TM___ OTHER MISC
D. SYSTEM/ITEM AN/ALQ-156(V)1,2,3 and AN/ALQ-156A(V)1Family of Equipment	E. CONTRACTOR/PR NO.	F. CONTRACTOR BAE Systems .

1. DATA ITEM NO. DI-MISC-80711A	2. TITLE OF DATA ITEM Technical and Scientific Reports	3. SUBTITLE Monthly Status Report	17. PRICE GRP
4. AUTHORITY SOW For	5. CONTRACT REFERENCE SOW, Paragraph 3.4.6.11	6. REQUIRING OFFICE AMSEL-LC-CCS-A-AS	18. ESTIMATED TOTAL PRICE

7. DD 250 REQ LT	9. DIST STMT REQUIRED	10. FREQ MONTHLY	12. DATE OF FIRST SUBMSN See Block 16	14. DISTRIBUTION
8. APP CD A	SEE BLOCK 16	11. AS OF DATE SEE BLOCK 16	13. DATE OF SUBS SUBMSN See Block 16	

16. REMARKS

First Repair Status Report is due 30 DAC. Follow-up Repair Status Reports will be submitted monthly. Final submission is due 30 days after completion of last repair.

a. ADDRESSEE	b. COPIES		
	Draft	Final Req	Final Repro
AMSEL-LC-CCS-A-AS		1	
AMSEL-ACCA-D-AX		1	
15. TOTAL		2	

G. PREPARED BY Carlos Diaz, Prod. Eng AMSEL-LC-CCS-A-AS DSN 987-5144/732-427-5144	H. DATE 3/4/04	I. APPROVED BY Harry Ivory Chief, ASE Branch DSN 992-3400/732-532-3400	J. DATE 3/4/04

DD Form 1423-1, Jun 90 *Previous editions are obsolete* Page 1 of 1 Pages