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PERFORMANCE WORK STATEMENT

For



**United States Air Forces in Europe
United States Air Forces Africa
(USAFE- AFAFRICA)**

**ELECTRONIC WARFARE OPERATIONS TRAINING AND
INFRASTRUCTURE MAINTENANCE (EWOTIM)
INDEFINITE DELIVERY INDEFINITE QUANTITY (IDIQ)
CONTRACT**

FA5641-19-R-000X

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TABLE OF CONTENTS

PART 1: GENERAL INFORMATION	4
1.0 GENERAL CONTRACT INFORMATION	4
1.1. MISSION DESCRIPTION	4
1.2. SCOPE OF WORK	4
1.3. GENERAL PERSONNEL QUALIFICATIONS	5
1.4. INSTRUCTIONAL GUIDANCE	5
1.5. ORGANIZATIONAL CONFLICT OF INTEREST (OCI)	5
1.6. TRAVEL	5
1.7. PUBLICATIONS AND RECORDS MANAGEMENT	6
1.8. SUPPORT AGREEMENTS	6
1.9. COST ELEMENT BREAKOUT	6
1.10. FREQUENCY MANAGEMENT	6
1.11. WORKLOAD ESTIMATES	7
1.12. ISO 9001-2015 COMPLIANCY	7
1.13. SYSTEM/EQUIPMENT MODERNIZATION SUPPORT	7
1.14. MATERIAL ACQUISITION/EQUIPMENT PURCHASE	7
1.15. HOURS OF OPERATION	7
1.16. CONTRACTOR MANPOWER REPORTING	7
1.17. PUBLIC RELATIONS	8
1.18. SECURITY	8
1.19. FIRE AND SAFETY	10
1.20. ENVIRONMENTAL AND CULTURAL MANAGEMENT	11
PART 2: DESCRIPTION OF SERVICES	12
2.0. PROGRAM MANAGEMENT	12
2.1. PHASE-IN AND PHASE-OUT	13
2.2. OPERATIONS	13
2.3. INFRASTRUCTURE MAINTENANCE	14
2.4. LOGISTICS SUPPORT AND SERVICES	14
PART 3: SERVICES SUMMARY	18
3.0 PERFORMANCE OBJECTIVES	18
PART 4: GOVERNMENT FURNISHED PROPERTY, EQUIPMENT, FACILITIES AND SERVICES.....	19
4.0. GOVERNMENT FURNISHED PROPERTY (GFP)	20
4.1. GOVERNMENT FURNISHED EQUIPMENT (GFE)	20
4.2. GOVERNMENT FURNISHED FACILITIES	21
4.3. GOVERNMENT FURNISHED SERVICES	21
PART 5: APPENDICES.....	23
APPENDIX 1: DEFINITIONS/ABBREVIATIONS/ACRONYMS	23
APPENDIX 2: PUBLICATION AND FORMS.....	35
APPENDIX 3: REQUIRED DELIVERABLES	48

PART 1: GENERAL INFORMATION

1.0 GENERAL CONTRACT INFORMATION

1.0.1. This is an IDIQ operations and maintenance service contract. This contract more specifically provides electronic warfare aircrew tactics evaluation, electronic warfare combat training, operation and maintenance of equipment, and electronic warfare range infrastructure maintenance (EWOTIM) for USAFE-AFAFRICA WPC DET3 locations.

1.1. MISSION DESCRIPTION

1.1.1. The primary mission of the WPC DET3, is to provide USAFE-AFAFRICA, United States Army Europe (USAREUR), United States Navy Europe (NAVEUR), North Atlantic Treaty Organization (NATO) and partner nations, aircrew tactics evaluation and electronic combat training.

1.2. SCOPE OF WORK

1.2.1. The USAFE-AFAFRICA EWOTIM IDIQ contract shall serve as a vehicle to provide day-to-day electronic warfare range operations training, operations and maintenance of equipment and infrastructure maintenance services throughout the EUCOM and AFRICOM combatant commands. The primary performance location will be near Ramstein AB Germany with performance throughout Europe and northern Africa at satellite locations. The contracting officer will issue Task Orders (TO) as the ordering mechanism for specific requirements. Any additional electronic warfare site specific requirements will be outlined within each individual TO PWS.

1.2.2. The contractor shall support military exercises and as defined within the PWS, and as directed by the Contracting Officer (CO). The contractor shall provide all personnel, supervision, equipment, tools, materials, transportation, and other items and services necessary to perform the PWS requirements, with the EXCEPTION of the Government Furnished Property & Services. The contractor shall also perform necessary phase-in services (to include a joint property inventory with the outgoing contractor) during the contract phase-in period, as well as perform necessary activities to phase-out upon award of a successor contract.

1.2.3. The USAFE-AFAFRICA Electronic Warfare Squadron provides US and Coalition Aircrews with essential combat survivability training across three separate operational domains: Local, Mobile, and Distributed. Each domain is described in the following section:

1.2.3.1. Local: Electronic Warfare and Aircrew Survivability training operations conducted within Polygone airspace are considered “local”. Local operations employ a combination of fixed and mobile threat emulators including an AN/MST-T1A located at the Pirmasens maintenance and operations compound, multiple Mini-MUTES emitters distributed throughout the local countryside, mobile Tactical Range Threat Generators (TRTG), and a collection of manportable IR simulators. Local operations employ the Polygone Operations Center where multiple dedicated scenario controllers coordinate ground based threats with cooperative aircraft to conduct realistic training in support of US and Coalition aircrews.

1.2.3.2. Mobile: Detachment 3 features a mobile Integrated Air Defense System simulator capability that exports much of the same capability of the local domain anywhere within the USAFE-AFAFRICA area of operations. Mobile operations consist of TRTGs, manportable IR simulators, decoys, camouflage/concealment/deception (CC&D), visual cueing indicators like Smokey SAMs, and a mobile Command, Control, Communications, and Computing (C4i) platform called the Multinational Aircrew LVC System (MALTS.)

1.2.3.3. Distributed: Detachment 3 also provides integrated Live, Synthetic, and Blended (LSB) electronic warfare and aircrew survivability training through the Air Force Global Information Grid across multiple, and often concurrent, classification levels as part of the Warrior Preparation Center Distributed Training Center. Detachment 3 employs the Polygone Operations Center in conjunction with multiple virtualized ground based threat emitter interface stations to provide global aircrew’s realistic electronic warfare and survivability training in combined live and virtual operational environment.

1.3. GENERAL PERSONNEL QUALIFICATIONS

1.3.1. The contractor shall employ personnel who are qualified for their particular position. The contractor shall not hire an employee identified by the CO as a potential threat to the health, safety, security, general well-being or operational mission of the installation and its population. All US employees filling positions identified as requiring a clearance shall have a U.S. SECRET Security Clearance or Interim U.S. SECRET Security Clearance prior to the beginning of the basic period of performance or within 90 days from start of employment. The contractor shall be responsible for obtaining any necessary licenses, clearances, permits, etc. to comply with applicable U.S., DoD, Air Force, and Host Nation (HN) laws, codes, and regulations. The contractor shall maintain records of training and ensure availability for Government review. The Government shall retain the right to review the qualifications of all personnel filling positions with specific qualification requirements.

1.3.2. Personnel Appearance: The contractor shall ensure employees maintain proper personal hygiene and a neat, professional appearance while in the performance of their duties. Contractor employees shall be easily recognizable by distinctive clothing or appropriate badges. Clothing and badges shall bear the name of the company. For managers and supervisors, badges shall include name and job title.

1.3.3. Personnel Language Proficiency: Contractor personnel shall be proficient in reading, writing, understanding and speaking English, and the HN language at a level necessary to perform the duties and tasks of their position. The (CO) shall request demonstrations of ability to meet language proficiency requirements by any reasonable method.

1.3.4. Employee Conduct: The contractor shall telephonically notify the COR within 24 hours after the occurrence of any incidents of misconduct by its employees, which violate laws of the U.S. or Host Nation which could impact clearances, base access, or general safety or result in international problems between the U.S. and the Host Nation. The contractor shall follow up this verbal report, in writing, within 5 working days after the telephone notification .

1.4. INSTRUCTIONAL GUIDANCE

1.4.1. This document references various forms of instructional guidance contained in manuals, instructions, directives, regulations, laws, etc. The contractor shall meet the outcome(s) contained in the instructional guidance and is responsible for determining the most effective and efficient means to meet or exceed outcomes. This contract is performance based. As such, the contractor shall employ the most cost effective methods of obtaining performance outcomes as long as these methods do not violate or compromise safety regulations or standards. The contractor shall implement the latest edition of applicable instructional guidance, and advise the government of any updates. When instructional guidance updates impact the contract price, the contractor shall immediately notify the CO before implementing the update.

1.5. ORGANIZATIONAL CONFLICT OF INTEREST (OCI)

1.5.1. The provisions of FAR Part 9.5 apply to the basic IDIQ contract and all TOs. The contractor shall submit to the CO with their proposal an OCI mitigation plan. The OCI plan will not be evaluated as a basis for contract award. Upon selection of an offeror for contract award their OCI plan will be reviewed and returned for revisions if deficiencies are identified. Once review is complete and satisfactory revisions are made the CO will approve the plan. Potential OCI issues may be identified in the TO Work Statement and may require the contractor to develop and implement an OCI mitigation plan for the TO approved by the CO. In the performance of this contract, the Contractor may have access to data and information proprietary to a Government agency or to another Government Contractor, or of such nature that its dissemination or use, other than as specified in this contract, would be illegal or otherwise adverse to the interests of the Government or others. The Contractor and its personnel shall not divulge or release data or information developed or obtained under performance of this contract, except to authorize Government personnel or upon written approval of the CO. The Contractor and its Contractor personnel shall not use, disclose, or reproduce proprietary information bearing a restrictive legend, other than as specified in the contract.

1.6. TRAVEL

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1.6.1. The contractor shall conduct travel in support of mission requirements as defined in the PWS or as directed by the COR. Travel may also be required to perform Government directed training of contractor personnel. Travel within the local area or place of performance to attend meetings, conferences, seminars or perform work shall be considered a cost of doing business and shall not be separately reimbursed as a travel expense. Local area travel is defined as within an 80 kilometer radius of the primary place of performance. Contractor employees may be required to travel to various locations within the CONUS and OCONUS in performance of task orders. All travel will be paid on a cost reimbursable basis in accordance with FAR 31.205-46.

1.6.2. Temporary Duty (TDY) personnel and equipment may be necessary to support mission requirements. TDY's will primarily take place in Europe; however, world-wide operations/TDY are possible.

1.7. PUBLICATIONS AND RECORDS MANAGEMENT

1.7.1. The contractor shall conduct a comprehensive records management program to include creating, maintaining, and disposing of Government required records that are specifically cited in the PWS or required by the provisions of mandatory directives. If requested by the Government, the contractor shall provide the original record, or a reproducible copy of any such record, within 5 working days of receipt of the request.

1.7.2. The contractor shall retain and keep current all official files, manuals, charts, drawings, technical orders, and electronic documents required for the performance of this contract in accordance with AFMAN 37-123, AFI 33-364, and DoD 5015.02-STD. Furthermore, the contractor shall transfer all official documentation and files created, managed, and received to the follow-on contractor or Government personnel during the contract phase-in period. The contractor shall dispose of operational records and data as directed by the COR, if disposal guidance is not provided within other directives.

1.7.3. The contractor shall utilize the most recent Technical Order (TO) from the Enhanced Technical Information Management System (ETIMS) and request additional TOs as needed through the Air Force Technical Order Distribution Office (TODO) representatives.

1.7.4. The contractor shall refer requests for information to the CO.

1.8. SUPPORT AGREEMENTS

1.8.1. The contractor shall provide coordination on any Host–Tenant Support Agreement (HTSA), Inter-Service Support Agreement (ISSA), Memorandum of Understanding (MOU), Acquisition and Cross-Servicing Agreements (ACSA), leases and local agreements. Coordination shall include contractor review, evaluation and feedback on draft agreements.

1.9. COST ELEMENT BREAKOUT

1.9.1. The contractor shall electronically submit a monthly Cost Element Breakout (CEB) in accordance with the instructions provided in Appendix H. The contractor shall submit the CEB (CDRL) to the COR within 15 business days following the end of each month. A separate CEB shall be submitted for the Baseline and Contingency CLINs if applicable.

1.10. FREQUENCY MANAGEMENT

1.10.1. The contractor shall designate a primary and alternate frequency authorization/clearance monitor as part of deliverable R-12 (see Appendix 4). The frequency monitor shall coordinate with the host base spectrum management office to request and maintain temporary and permanent authorizations of the ground frequencies necessary to operate RF radiating devices assigned under this contract. The frequency monitor shall as a minimum:

- Maintain and update at least monthly a current radio frequency authorization listing to include additions, deletions, and modifications of frequency assignments for all US systems.
- Retain a copy of all licenses and/or documents identifying cleared or denied frequencies.
- Submit temporary, new and reoccurring frequency clearance requests in support of all operations.

DRAFT

- Track frequency clearance requests with documented follow-ups to occur every 30 days after submission until request is either approved or denied.
- Notify the host base spectrum manager in writing at least six months prior to any frequency expiration.
- Provide the above data upon request by the Government

1.11. WORKLOAD ESTIMATES

1.11.1. Task Orders issued against the EWOTIM IDIQ contract shall specify workload estimates for each specific electronic warfare site.

1.12. ISO 9001-2015 COMPLIANCY

1.12.1. The contractor shall be ISO 9001-2015 Compliant/Certified and expected to submit the following reports per Appendix 4 requirements.

1.12.1.1. 1) Finance Management Report 2) Operational Availability Report 3) Monthly Maintenance Plan 4) Equipment Uptime Rates 5) Equipment Status 6) Reimbursable Parts & Services Report

1.12.1.2. Financial Management Report: The contractor shall document financial information in its own format that reflects current and all historical contract cost reimbursement data, projected funding requirements and site-specific expenditures. The information shall be provided to the COR for review (see Appendix 4, deliverable R-2) NLT than the 7th of each month.

1.12.1.3. Upon request, the contractor shall provide the Government with electronic copies of web based products for use on Government web sites. Procedures for giving the Government insight into cost of expenditure of cost reimbursable CLINs.

1.13. SYSTEM/EQUIPMENT MODERNIZATION SUPPORT

1.13.1. The contractor shall support range threat system/equipment modifications, upgrades, modernizations, additions, replacements or removals. The contractor shall adapt to new techniques and new technology to keep the range support capabilities abreast of mission requirements, to include ground support operations.

1.14. MATERIAL ACQUISITION/EQUIPMENT PURCHASE

1.14.1. The contractor shall obtain all materials necessary to meet USAFE-AFAMERICA EWOTIM requirements, with the exception of Government Furnished Property (GFP). Materials shall be obtained through Government supply channels, if available. For purchases in excess of \$5,000, the contractor shall obtain written approval from the Functional Director/Functional Commander (or designated alternate), and the (ACO) (or designated alternate).

1.15. HOURS OF OPERATION

1.15.1. The contractor shall follow the range hours for each electronic warfare site specified with every issued Task Order.

1.16. CONTRACTOR MANPOWER REPORTING

1.16.1. The contractor shall report all contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract for the Department of the Air Force via a secure data collection site. The contractor shall completely fill in all required data fields at <https://www.ecmra.mil>.

1.16.1.1. Report: The contractor shall input the labor executed during the period of performance for each Government Fiscal Year (FY), which runs 1 October through 30 September. While inputs may be reported at any time during the FY, all data pertaining to the Contractor Manpower Report shall be reported no later than 31 October of each calendar year. Contractors shall direct questions to the help desk.

DRAFT

1.16.1.2. Users and Safeguarding of Information: Information from the secure web site shall be proprietary in nature when the contract number and contractor identity are associated with the direct labor hours and direct labor dollars. At no time shall any data be released to the public with the contractor name and contract number associated with the data.

1.16.1.3. User Manuals: Data for Air Force service requirements shall - be input at the Air Force CMRA link. However, user manuals for government personnel and contractors are available at the Army CMRA link at <http://www.ecmra.mil>.

1.17. PUBLIC RELATIONS

1.17.1. PUBLIC COMPLAINTS

The contractor shall report any public complaints or complaints involving community relations to the COR. The contractor shall not attempt to resolve the complaint.

1.17.2. PUBLIC AFFAIRS

The Government is the sole releasing authority for all information about the contracted services. The Government will act as the primary point of contact with news media on local news matters. The contractor shall refer all calls or correspondence requesting information to the Detachment Commander or designated representative within 24 hours.

1.18. SECURITY

1.18.1. The contractor shall conform to the provisions of DODD 5220.22-M and the Contract Security Classification Specification (DD Form 254) that is issued for every site.

1.18.1.1. SECURITY LIAISON

The contractor shall identify and appoint a security manager and an alternate in writing as part of the security plan. The subsequent appointment shall be forwarded to the Government NLT the contract full performance start date (see Appendix 4). The contractor shall implement local Force Protection Condition (FPCON) levels and provide necessary safeguards for personnel and equipment IAW Installation Defense Plan, which is maintained by USAF Detachment personnel at Bann-B. The contractor shall adhere to proper handling, documentation and control procedures for all classified equipment and material IAW all applicable security requirements of this PWS and that specified in DD Form 254, Contract Security Classification Specification.

1.18.1.2. INDUSTRIAL SECURITY

The contractor shall comply with AFI 16-1406 as supplemented by HQ USAFE-AFAFRICA. This includes compliance as it concerns clearance procedures, visitors, inspections, violations, education, classification, international security programs and Operations Security (OPSEC).

1.18.1.3. A contractor shall support USAFE-AFAFRICA operations under a Visitor Group Security Agreement (VGSA), which will be integrated into the Air Force information security program by the particular base they support as required by DoDD 5200.1-R/AFI 16-1406 and as supplemented by HQ USAFE-AFAFRICA. As such, the contractor shall comply with these publications as they concern classification, marking, safeguarding and storage, compromise, access, dissemination, accountability, transmitting, disposal, education, foreign government information, special access programs and program management. Facility security clearances shall be obtained according to DoDD 5220.22-M.

1.18.1.4. SECURITY TRAINING

The contractor shall implement a Security Training and Education program IAW installation Security Forces policies. The contractor shall train personnel within 30 calendar days of employment and annually thereafter. Contractor shall develop procedures for key and lock combination control. The contractor shall ensure Information Condition (INFOCON) and Force Protection Condition (FPCON) are posted at the entrance to all contractor-operated or contractor occupied facilities. The contractor shall comply with the Installation Security Plan (ISP) and the Anti-Terrorism/Force Protection (AT/FP) Plan. Training for contractor employees, including recurring training, shall be the responsibility of the contractor.

DRAFT

1.18.1.5. INSTALLATION/RANGE ACCESS AND PHYSICAL SECURITY

The Contractor shall ensure all Contractor employees authorized to perform work under this contract obtain range/installation access. Contractor employees and property may be subject to search and seizure upon entering and leaving Government installations and facilities. Government furnished identification shall be returned to the Government upon termination of an employee. Contractor employees shall comply with Government physical security plans in effect at Government facilities. The Contractor shall be responsible for keys (and accountable for their use) that are provided to the Contractor by the Government. Contractor employees shall not duplicate or provide keys to unauthorized personnel and shall implement procedures to prevent loss or misplacement.

1.18.1.5.1. All contractor employees shall comply with host base/range access requirements (as directed) to include, but not limited to; vehicle passes, range passes, and range badges. All employees who require access to the host base for official business shall obtain host base access privileges via host base procedures. The contractor shall prepare USAFE-AFAFRICA Form 79 for all contractor personnel who require base access. These forms shall be forwarded to the COR who will validate them after which contractor personnel shall take them to the Pass and ID section who will issue them the appropriate base pass. Point of Contact will be the Unit Security manager(s) for all compliance requirements.

1.18.1.6. ENTRY ACCESS LISTS

The contractor shall provide a written list of the names, job titles, level of security clearance and arrival dates of all contractor personnel (see Appendix 4). The contractor shall immediately notify the COR of any changes in assigned contractor personnel. This notice may be by telephone or other means of communications; however, the contractor shall provide follow-up written notification within 5 calendar days of the change. The contractor shall also provide the Government with updated visit requests for all assigned and visiting personnel through the online Joint Personnel Adjudication System (JPAS).

1.18.1.6.1. Other Authorized Personnel Access: Access to the contracted locations shall be limited to contractor personnel, military and civil servant personnel assigned at the location and all other personnel who have been authorized access by the US Detachment Commander. All personnel who have been authorized access shall comply with access authorization procedures in applicable directives (e.g., foreign clearance guide, site access procedures).

1.18.1.6.2. Restricted Entry Requirements: The Contractor shall arrange for entry into restricted areas, base entry, vehicle passes, and other requirements in conjunction with notification of the Government security activity.

1.18.1.7. SECURITY CLEARANCE

Contractor employees shall have appropriate security clearances applicable to each specific position and job assignment. Employee security clearances shall be obtained according to DoDD 5220.22M. Identification badges shall clearly show the authorized level of access, as required per DD254 and shall be worn while working with classified information. Contractor personnel shall possess the appropriate security clearance prior to performing duties under the terms of this contract.

1.18.1.8. AIR FORCE CYBERSECURITY PROGRAM

The contractor shall perform CYBERSECURITY in accordance with AFI 17-101, 17-130

1.18.1.9. COMMUNICATIONS SECURITY (COMSEC)

The contractor is listed as a user of COMSEC equipment in an official capacity on this contract and will be trained as alternate COMSEC Responsible officers to assist the government with managing the COMSEC. The contractor will not have a COMSEC account. When using any COMSEC Crypto Controlled Items (CCI), accounting for and transportation of CCI items shall be in accordance with AFI 33-211 and with supplemental controls outlined in DOD 5220.22-M.

1.18.1.10. DOCUMENT DESTRUCTION

The contractor shall identify to the Government any classified documents which need to be destroyed. The Government shall be responsible for accomplishing all document destruction IAW DOD 5220.22-M.

1.18.1.11. SECURITY INSPECTIONS/INVESTIGATIONS

DRAFT

The contractor shall promptly report all security violations in accordance with DOD 5220.22- M. The contractor shall participate in security violation investigations and routine inspections in accordance with DOD 5220.22-M.

1.18.1.12. GOVERNMENT RESOURCE PROTECTION/PHYSICAL SECURITY

The contractor shall safeguard Government resources in accordance with, AFI 31-101, AFI 10-245, AFI 13-212, and local procedures. Contractor employees shall report all instances of theft or vandalism to the COR. The contractor shall inspect all gates, fences, and other physical security barriers to deter unauthorized personnel from gaining entrance. Contractor shall document these inspections. All discrepancies shall be reported immediately to the COR.

1.18.1.13. KEY AND LOCK CONTROL

The contractor shall establish and implement procedures that ensure keys issued to the contractor by the Government are not lost, misplaced, duplicated or used by unauthorized persons. The contractor shall furnish the COR and other personnel designated by the Government, keys/lock combinations to all entry gates and facilities that are changed by the contractor during performance of this contract.

1.18.1.14. KEY USE, LOSS AND DUPLICATION

The contractor shall prohibit the opening of locked areas to permit entrance of persons other than those engaged in performance of work in those areas. The contractor shall report occurrences of lost or duplicated keys by contractor personnel to the COR. If master or non- master keys are lost or duplicated, the contractor shall submit any necessary CE work orders to re- key or replace the affected lock or locks. When the Government performs replacement of locks or re-keying due to loss or duplication, the total cost of this service shall be deducted from payment due the contractor. The contractor shall prohibit use of keys issued to them by the Government by any persons other than the contractor's employees.

1.18.1.15. LOCK COMBINATIONS

The contractor shall establish and implement procedures that ensure lock combinations are not revealed to unauthorized persons. These procedures shall be included in the Organizational Chart. When combination or cipher locks are used to secure equipment or gates, the contractor shall use only those devices engineered to allow multiple combination changes. The contractor shall change the combination at least annually or upon the relief, transfer or discharge of any person who had access to the combination. Additionally, the contractor shall change the combination when directed by the CO. The contractor shall provide all new lock combinations to the COR, in writing, within 1 working day of the change (see Appendix 4)

1.18.1.16. CLASSIFIED STORAGE COMBINATIONS

The contractor shall establish and implement procedures that ensure classified storage combinations are not revealed to unauthorized persons. Classified storage combinations shall be changed at least annually or when an individual who has knowledge of the combinations are terminated or transferred.

1.19. FIRE AND SAFETY

1.19.1. The contractor shall conform to all provisions listed below regarding Fire and Safety.

1.19.1.1. SAFETY PREVENTION PROGRAMS

The contractor shall establish, manage and execute safety prevention programs. The contractor shall be in compliance with all safety regulations as required and listed in Appendix 3 and will provide all required safety equipment IAW such regulations unless specified as GFE in Section 5 and Appendix 7.

1.19.1.2. FIRE AND SAFETY PLANS

The contractor shall develop, implement and maintain safety plans which address how the contractor will comply with all health and safety requirements under this contract as well as Occupational Safety and Health Administration (OSHA) Program and T.O. 00-25-232. This Plan shall be submitted IAW Appendix 4.

1.19.1.3. MANAGEMENT

The contractor shall identify in writing to the COR/fire departments no later than contract start date, a point of contact for fire and safety at each site IAW Appendix 4 as part of report R-12.

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1.19.1.4. INSPECTIONS

The contractor shall coordinate any and all fire and safety inspections with host base fire department, safety office and the COR.

1.19.1.5. TRAINING

The host base will provide initial fire and safety training for two contractor personnel. The contractor shall provide fire and safety training, including recurring training, for all additional contractor personnel employed under this contract.

1.19.1.6. SAFETY BRIEFINGS/VISITOR LOGS

The contractor shall brief all visitors on safety precautions and hazards associated with all USAFE-AFAFRICA EWOTIM ranges prior to providing access to the applicable area. A visitor's log will be maintained at each site. All visitors will provide name, grade, organization, date and purpose of visit. At secure locations, a current Entry Authorization List (EAL) with all authorized personnel will be kept in the visitor's log. The visitor logs shall be maintained by the contractor for a minimum of 3 years. At contract end, all EAL documents shall be turned over to the Government.

1.19.1.7. FIRE EXTINGUISHERS

The contractor shall adhere to U.S. Air Force established frequency and inspection requirements of all fire extinguishers at each EWOTIM location containing US equipment or a facility. The contractor shall ensure fire extinguishers are fully charged, serviceable and the monthly inspections are documented.

1.19.1.8. HAZARD NOTIFICATION

The contractor shall immediately notify the COR and the host base safety office of actual and potential hazards involving Government furnished property, Government furnished equipment or range operations through the use of AF Form 457, USAF Hazard Report.

1.19.1.9. ACCIDENT/HAZARD REPORTING

The contractor shall immediately report to the COR and to the host base safety office all accidents that result in injury to personnel or damage to Government property. Injury, hazards, or system damage shall be reported IAW host base requirements. The contractor shall maintain historical data for all accidents/hazards reported and make available to the Government upon request. The contractor shall monitor data for trends and program wide applicability.

1.19.1.10. EMERGENCY/INCIDENT PROCEDURES/SITE CLOSURES

The contractor shall follow emergency procedures identified in DOI TBD for Total Site Closure, Road Closure, Security Violation, Severe Weather Advisory and Equipment Damage. The contractor shall report any other site emergency to the appropriate emergency response agency (i.e. fire, security forces, ambulance, etc.) and COR personnel. All proposed site closures shall be coordinated with the COR prior to implementation.

1.20. ENVIRONMENTAL AND CULTURAL MANAGEMENT

1.20.1. The contractor shall ensure the protection and conservation of any natural resources located on contract sites. The contractor shall also ensure that any activity undertaken on contract sites complies with all applicable AF environmental regulations, Host Nation, local Natural Organizational Charts to include the host base Integrated Natural Resource Organizational Chart.

1.20.1.1. CONFORMANCE WITH ENVIRONMENTAL MANAGEMENT SYSTEMS

The contractor shall perform work under this contract consistent with the relevant environmental policy and objectives identified in the installation environmental management system (EMS) applicable for your contract. The contractor shall perform work in a manner that conserves water, energy and other resources to the maximum extent feasible and ensure minimum production of waste as possible, giving preference to less toxic materials whenever available and still reliable for their work. In the event an environmental non-conformance or non-compliance of host nation and USAF environmental laws and regulations associated with the contracted services is identified, the contractor shall take corrective and/or preventative actions. In the case of a non-compliance, the contractor shall respond and take corrective action immediately. In the case of a non-conformance, the contractor shall respond and

DRAFT

take corrective action based on the time schedule established by the EMS coordinator. In addition, the contractor shall ensure that their employees are aware of the environmental management system on base and how these requirements affect their work performed under this contract. All on-site contractor personnel shall receive the installation EMS awareness level information.

1.20.1.2. CONSERVATION OF UTILITIES

Contractor personnel shall conserve utilities and comply with established energy reduction policy, and the installation energy plan. Contractor personnel shall reduce waste and recycle IAW mandated installation policy. The contractor shall be responsible for operating under conditions that prevent the waste of utilities to include, but not limited to:

- Lights
- Heating, ventilation and air conditioning systems
- Water

1.20.1.3. CONFORMANCE WITH ENVIRONMENTAL REQUIREMENTS

The contractor shall perform all work IAW applicable host nation and US Air Force environmental laws, regulations and operating standards. The contractor shall be immediately capable of understanding and addressing environmental laws and regulations as they pertain to work performed under this contract. USAF environmental laws & requirements applicable for all contractors working on base can be found at the EMS SharePoint Website to which contractor access will be provided: <https://ice.USAFE-AFAFRICA.af.mil/sites/EMS/Legal%20%20Other%20Requirements/Forms/AllItems.aspx>

1.20.1.4. LOCAL REQUIREMENTS

See site specific Task Orders for local Environment and Cultural Management requirements.

PART 2: DESCRIPTION OF SERVICES

2.0. PROGRAM MANAGEMENT

2.0.1 KEY PERSONNEL

The contractor shall provide an Organizational Chart listing key personnel and identifying their roles. (Program Manager, Quality Control Manager, Site Manager and Alternate Site Manager) to the COR that contains names and phone numbers for after-hours contact.

2.0.1.1. Program Manager (PM): The contractor shall designate a program/site manager who shall be responsible for the performance of work on this contract. The contractor shall provide the name of the program/site manager and his/her alternate, who shall act for the contractor when the program/site manager is absent, in writing to the contracting officer prior to contract start. The contractor program/site manager or alternate shall be available, during scheduled hours of operations, within 1 hour, to meet on the installation with Government personnel to discuss problem areas. After scheduled hours of operations, the site manager or alternate site manager shall be available within 2 hours. The program/site manager and alternate shall have full authority to act on behalf of the contractor on all matters relating to daily operations at all site locations.

2.0.1.2. Quality Control Manager: The contractor shall designate a quality control manager who shall be responsible for overseeing the contractor's overall quality control program and on range Quality Control Inspector/Technician activities in the performance of this contract. This is a management position that should be completely autonomous from the contractor program/site management. The Contractor's Quality Control Manager shall support all daily operations to include associated remote site locations.

2.0.1.3. Key personnel shall meet the following minimum requirements

- Program Manager/Site Manager
US Secret Clearance with ability to obtain NATO Secret Clearance
- Quality Control Manager
US Secret Clearance with ability to obtain NATO Secret Clearance
- Alternate Site Manager
US Secret Clearance with ability to obtain NATO Secret Clearance

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2.0.2. PROGRAM MANAGEMENT REVIEWS/PROGRESS MEETINGS

The contractor shall attend performance reviews between the Government and the contractor as requested. The contractor may also be required to attend conferences off-site up. Travel will be directed and reimbursed by the Government.

2.0.3. CONFERENCES AND MEETINGS

The contractor shall host a post-award conference after award of the basic contract and each task order. The contractor shall coordinate the date, location and agenda with the Government. If outlined in the task order, the contractor may be required to support post-award conferences and meetings after task order award. The contractor shall host quarterly MFT meetings at the Government's facility. The Government shall coordinate on the meeting agenda. If requested, the contractor shall support other meetings during the performance of the contract.

2.0.4. EMPLOYMENT OF GOVERNMENT EMPLOYEES

The contractor shall not employ any person who is an employee of the United States Government if employment of that person would create a conflict of interest, nor shall the contractor employ any person who is an employee of the Department of the Air Force, either military or civilian, unless such person seeks and receives approval in accordance with DOD 5500.7, Joint Ethics Regulation (JER). In addition, the contractor shall not employ any person who is an employee of the Department of the Air Force if such employment would be contrary to the policies contained in AFI 64-106.

2.0.5. APPOINTMENT LETTERS

When required in this PWS, by any host base office, agency or mandatory regulations, the contractor shall draft and submit employee appointment letters to the COR. These letters shall be submitted no later than 10 calendar days after appointment. The contractor shall maintain an up to date, single page listing, available for Government review, of all employees appointed official duties on the performance of this contract (see Appendix 4).

2.0.6. CO-LOCATED CONTRACTORS

The Government may award other contracts for additional work at same locations. The contractor shall cooperate fully with co-located contractors and shall not commit nor permit any act that will interfere with the performance of work by any other contractor or by any US, German or French Government employee. Any concerns regarding possible conflicts shall be addressed in writing to the CO prior to full transition.

2.1. PHASE-IN AND PHASE-OUT

2.1.1. PHASE-IN

The contractor shall coordinate with the out-going service provider, the Government COR and the PCO before any transition efforts begin. Identify any conflicts to the PCO. The contractor shall coordinate with the out-going service provider to provide a phase-in transition plan immediately upon contract award. See site specific task orders for further phase-in guidance.

2.1.2 PHASE-OUT

The contractor shall provide a phase-out plan to the CO for acceptance (see Appendix 4). This plan shall be provided 120 days prior to contract completion. The Government reserves the right to conduct site visits in all contractor-operated, Government-owned facilities in conjunction with the solicitation of offers for the follow-on contracts. See site specific task orders for further phase-out guidance.

2.2. OPERATIONS

2.2.1. The contractor shall support all USAFE-AFAFRICA EWOTIM air and ground operations, as required/requested for aircrew and ground personnel training to include temporary and/or geographically separate operations.

2.2.2. Operations conducted by the Contractor on behalf of the Government consists of employing government-furnished equipment, including, but not limited to, ground based threat emitters, man-portable aircrew survivability trainers, and visual modifiers like Smokey SAMs, and for the purpose of challenging and enhancing U.S. and

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Coalition aircrew electronic warfare and ground-to-air combat survivability throughout Region 3 (EUCOM and AFRICOM area of operations as defined by the 2017 ACC Enterprise Range Plan).

2.2.3. The Contractor shall support training on behalf of the Government, per Government furnished Tactics, Training, and Protocols, across a combination of all three operational domains as specified in section 1.23 of this document. Furthermore, the Contractor shall operate multiple systems simultaneously per mission requirements, and often under the guidance of centralized Command and Control through fixed and/or mobile Operations Centers like the PCC and the MALTS.

2.2.4. Refer to appendix 3 of this document for a list of all assets furnished by the Government.

2.2.5. The contractor shall support all USAFE-AFAFRICA EWOTIM air and ground operations, as required/requested for aircrew and ground personnel training to include temporary and/or geographically separate operations.

2.2.6. Upon request, the contractor shall provide operational training to U.S. DoD, GEAF, FAF or other personnel, for the purpose of augmenting contracted operations. Training shall be for equipment listed in Appendix 2, section 2, as requested.

2.2.7. Task Orders issued against the EWOTIM IDIQ contract shall specify in detail what assets will be employed in each operational domain at each operating location.

2.3. INFRASTRUCTURE MAINTENANCE

2.3.1. The Contractor shall maintain or coordinate the maintenance of all infrastructure supporting or affecting facilities and real property identified in section 4 of this document.

2.3.2. Infrastructure in the context of this PWS shall be defined as the necessary elements of facilities that render them suitable for use, such as electrical systems, lighting, plumbing, and HVAC, in support of this PWS.

2.3.3. Concerning support activities affecting Department of Defense Real Property, the Contractor shall utilize and coordinate support from existing infrastructure support services provided by the Host Installation, such as the HVAC shop or the Electric shop of the 786th Civil Engineering Squadron.

2.3.4. Concerning support activities affecting facilities or infrastructure not recognized as Department of Defense Real Property, the Contractor shall coordinate maintenance with qualified commercial providers upon request from the Government, or with the permission of the COR if requested by the Contractor, at cost to the Government.

2.3.5. Expenses either incurred by or coordinated by the Contractor in support of Government directed maintenance of non-Real Property facilities and/or infrastructure will be rendered in payment by the Government through either the reimbursable CLIN of the respective TASKORD or direct payment by the Government via Government Purchase Card, Form 9, or Military Interdepartmental Purchase Request (MIPR.)

2.3.6. Task Orders issued against the EWOTIM IDIQ contract shall specify in detail associated facilities and facility characteristics, however the Government may introduce additional facilities during the life of this PWS in as necessitated by mission and/or operational requirements.

2.4. LOGISTICS SUPPORT AND SERVICES

2.4.1 The contractor shall provide logistics support to include materiel control, transportation, investigation of deficiencies, property management, fuel and oil and funds management for all sites. The materiel control function includes requisition, purchase, stocking, storage, issuance, utilization, turn-in and inventory of spare parts and consumable supplies. The requisition and purchase of spare parts and consumable supplies will be reimbursed through the appropriate contract Cost CLIN in accordance with 4.7.

- Transportation support consists of items such as vehicle control and movement of parts and equipment from base supply to the site or from site to site.

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- Property management support consists of the control and utilization of GFP and GFE items. Fuel and oil support includes ensuring fuel is available to meet mission requirements including the storage, transportation, use, and disposal of those materials.
- Funds management support includes use and accounting of reimbursable and allocated funds, to include system cost breakdowns by DLR and Non-DLR funding.
- Investigation of deficiencies support includes identification of suitable substitutes for discontinued or upgraded parts, components or assemblies.

The contractor shall provide all necessary supplies, not otherwise provided by the Government, as specified in Section 5, Government Provided Property and Services. The requisition and purchase of necessary supplies will be reimbursed through the appropriate contract Cost CLIN in accordance with 4.7.

2.4.2 LOGISTICS POINT OF CONTACT

The contractor shall identify to the COR, not later than full performance start date, primary and alternate individuals who are to be responsible for logistics support as part of report R-12 (see Appendix 4).

2.4.3 MATERIAL CONTROL

The contractor shall control, protect and preserve all Government furnished materials, supplies and equipment at each site. These actions shall be in accordance with AFI 23-101, AFI 31-209, and FAR clause 52.245-1 Government Property.

2.4.3.1. ACCOUNTS

The contractor shall maintain organizational supply and equipment accounts at the designated host base IAW AFI 23-101. All accounts shall have a supplemental ship-to address. The contractor shall maintain an Organizational Cost Center Report (OCCR) account for each major C-E system and one account for general support.

2.4.3.2. PARTS ORDERING PROCEDURES

The contractor shall follow host base supply procedures and regulations or instructions when requesting parts. Material control and maintenance control shall reconcile all part requisitions.

2.4.3.2.1 NSN Items: The contractor shall use the Air Force supply system to procure all Nationally Stock Numbered (NSN) items required in support of this contract. The contractor shall obtain technical coordination from the host base Chief of Supply, and the Item Manager (depot) before buying items with an Expendability Recoverability Reparability Code (ERRC) of XD2 when not available through base supply. NSN items may be obtained through contractor channels when Urgency of Need Designator (UND) "A" or above is used, ERRC of XB3 or XF3 are assigned and the Government source cannot meet the required need date. Local purchase requests shall be handled IAW the following paragraph.

2.4.3.3. NON-NSN SOURCE PRIORITIES

The contractor shall use the Government supply system to maintain GFE and facilities to the maximum extent possible to economically meet mission needs. If the Air Force supply system is unable to meet mission needs, the contractor shall coordinate the requirement with the COR and, upon approval, order and account for all non-NSN equipment spares and supplies.

2.4.3.3.1. The Government will reimburse the contractor IAW contract para. 4.7 for expendable and non-expendable parts and supplies required to maintain GFE and facilities when the parts, supplies, materials or services are not readily available through Government channels.

2.4.3.4. PRIORITY/ROUTINE PARTS REQUESTS FOLLOW-UP

The contractor material control function shall reconcile, with Maintenance control, all due- outs IAW AFI 23-101. This reconciliation shall be conducted on a daily basis for those due- outs with an UND "A", and on a weekly basis for those due-outs with a UND "B". The contractor shall perform a monthly review of all UND "A", "B," and "C" (routine) requisitions for validity with the affected work centers. The contractor shall use the D-18 Priority Monitor Report or similar product to perform these tasks.

2.4.4. ACCOUNTABILITY METHODS

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The contractor shall account for all Government Furnished Equipment and Property in the contractor's possession IAW FAR clause 52.245-1 Government Property. Equipment not maintained on Government inventory listings, i.e. bench/shop stocks, forward supply points or Special Purpose Recoverable Authorized Maintenance (SPRAM) accounts, etc., and shall be maintained on a contractor-generated, Property Control Plan and Inventory. Lost/damaged GFE/GFP shall be reported within two days of occurrence (see Appendix 4). All items on forward supply point shall be supported by a demand level or have a special level established. All special levels shall be documented IAW AFI 23-101. An additional copy of the supply point listing (Q13) shall be provided to the Government when requested.

2.4.4.1. SPRAM Assets: The contractor shall establish and manage a SPRAM Account in accordance with AFI 23-101.

2.4.4.2. Bench/Shop Stock: The contractor shall place recurring ERRC XB3 items on bench/shop stock. The contractor shall establish and operate bench/shop stock in accordance with AFI 23-101. The contractor shall provide an additional copy of the bench stock listing (S04) or Shop Stock listing to the Government upon request.

2.4.4.3. Repair Cycle Assets: The contractor shall control and monitor Due In From Maintenance (DIFM) and repair cycle operations IAW AFI 23-101, T.O. 00-20-2 and T.O. 00-20-3. DIFMs shall be turned into the host base supply within 10 working days unless an authorized delay is in effect for the item. The contractor shall review the order of repair identified in the D-23 repair cycle asset management listing. The contractor shall monitor Awaiting Parts (AWP) processing IAW AFI 23-101, T.O. 00-20-3, and T.O 00-33A-1001.

2.4.5. MAINTENANCE TURN-AROUND (TRN)

The contractor shall establish and manage a maintenance turn-around program (TRN). This shall include documenting, transporting, processing and verification procedures. Actions shall be in accordance with AFI 23-101.

2.4.6. MISSION CAPABILITY (MICAP) REPORTING

The contractor shall track and document all UND "A" issues or backorders with the exception of Equipment Authorization In Use Detail (EAID) items and Urgency Justification Code (UJC) "AR" requests.

2.4.7. REPORTS AND LISTINGS

The contractor shall use the various reports and listings available from the host base supply to review and track supply status and maintain equipment accountability. All available reports and listings are listed in AFI 23-101. The contractor shall coordinate with host base supply to establish requirements and procedures to obtain the reports and listings.

2.4.8. SUPPLY SYSTEM

The contractor shall comply with host base supply procedures for processing material requirements. The contractor shall submit supply assistance or supply difficulty letters in accordance with AFI 23-101.

2.4.8.1. Supply Run: The contractor shall coordinate with host base supply and transportation sections to establish procedures for parts pick-up and delivery. When a MICAP part (a part that takes a system or chargeable emitter from a red condition to amber or green) is made available by the host base supply, the contractor shall ensure the part is retrieved by the quickest possible means. For the majority of items, the contractor shall pick up all parts, supplies, materials and documents from the local host base supply and/or the Traffic Management Office (TMO), and deliver them to the intended office or maintenance activity. When MICAP parts are ordered backorder, the contractor shall ensure that the supplemental ship-to address is used where applicable.

2.4.9. MATERIAL MONITORS

The contractor shall perform the functions and duties of Awaiting Parts (AWP), Equipment Inoperable for Parts (EIP), Critical Item and TCTO/Time Change Monitor. These functions and duties shall be performed in accordance with AFI 23-101. The contractor shall act as an inspector when receiving items under supplemental ship-to procedures.

2.4.9.1. REPORT OF DISCREPANCY (ROD)

The contractor shall prepare RODs (SFs 364) IAW AFI 23-101 and host base procedures.

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2.4.9.2. WARRANTY OR GUARANTY ITEMS

The contractor shall maintain warranty or guaranty information on Government-owned or leased equipment. Procedures as outlined in AFI 23-101 shall be adhered to. The contractor shall comply with manufacturers' guarantee or warranty conditions IAW T.O. 00-20-3, Section 5, and T.O. 00-35D-54, Para 6-6.1.2. After referring to all applicable T.O.s, the contractor shall contact the COR if they are still uncertain as to equipment warranty requirements. Only if authorized in writing, with the specific approval of the COR, shall the contractor break the seal, dismantle, or modify sealed equipment under manufacturer guarantee or warranty.

2.4.9.3 PRECIOUS METAL RECOVERY PROGRAM

The contractor shall comply with the Precious Metals Recovery Program in accordance with AFI 23-101 and host base procedures.

2.4.9.4. EXPENDABLE (ERRC XB3) TURN-IN PROGRAM

Prior to contacting host base supply for turn-in of excess property, the contractor shall coordinate with the COR to ensure no requirement exists for the excess property to be turned in. When items are determined to be excess by the COR, the contractor shall coordinate with the servicing DRMO to determine which categories of unserviceable ERRC XB3 items may be disposed of as waste IAW AFI 23-101 and local host base procedures.

2.4.9.5. RE-USABLE CONTAINER PROGRAM

The contractor shall comply with the Reusable Container Program in accordance with AFI 24- 602.

2.4.9.6. DEFICIENCY REPORT (DR)

The contractor shall submit a DR upon receipt of deficient GFP/GFM due to material, quality or manufacturing process IAW host base procedures. A DR shall also be submitted in cases of premature parts failure. The DR shall be in the format generated by the Government provided software. The contractor shall devise a local control plan to ensure DR data is not lost during successive submissions. The contractor shall follow the guidance for DR data requirements and categories of DRs IAW TO 00-35D-54.

2.4.9.7. TOOLS

The contractor shall follow procedures outlined in AFI 23-101 when procuring special tools. Contractor is expected to purchase and maintain all non-special tools required. Any-non special tools that are lost or broken will be replaced/supplied by the contractor.

2.4.10. REAL PROPERTY

The contractor shall develop, implement and maintain a program to monitor the care and upkeep of all facilities and real property identified in each Task Order. The contractor shall ensure a safe, clean and presentable appearance, IAW host base facility management guidance/checklists, for offices, facilities and areas the contractor uses under this contract.

2.4.11. VEHICLE CONTROL

The contractor shall develop, implement and maintain a program to monitor the care, repair and upkeep of all Government furnished vehicles provided for each Task Order.

2.4.12. GOVERNMENT REIMBURSEMENT

The Government will reimburse the contractor for the following

- Contactor travel in support of TDY/TDY locations operations
- Contractor acquired expendable and non-expendable parts, supplies, materials required to maintain GFE and facilities when those items are not readily available through Government channels, example: commercial off the shelf (COTS)
- COR approved ancillary services that are necessary but not identified as a contractor requirement elsewhere in this PWS e.g. inspections of overhead doors that must be performed by TUV.

2.4.12.1 All reimbursable supply and ancillary service purchases greater than \$5,000 must be approved by the COR and CO in writing prior to acquisition. All other reimbursable supply and ancillary service purchases must be

DRAFT

approved by the COR only. The contractor shall submit all supporting documentation for reimbursement of contractor acquired supplies and ancillary services.

2.4.12.2. REIMBURSABLE PARTS AND SERVICES

The contractor shall maintain a listing of all parts on order to support partially mission capable or non-mission capable equipment. This list shall be made available on the web-based management system and be updated as changes occur. As a minimum, the listing will include the following information

- Equipment supported and status
- Parts on order
- Priority of part
- Source and estimated delivery date

2.4.12.3. REIMBURSEMENT FOR GOVERNMENT DIRECTED DEPLOYMENT/TDY TRAVEL & TRAINING

Contractor required travel to meetings, conferences and TDY/TDY locations shall be for official use only and shall only be taken with an approved Letter of Identification (LOI). The Contracting Officer and COR must approve estimated travel expenses on each LOI IAW with FAR 31.205-46 at least 10 days prior to travel. Other travel expenses, lodging, and per diem will only be reimbursed if authorized on the LOI and in accordance with FAR. To obtain reimbursement for deployment/TDY travel expenses, the Contractor is required to submit all documentation necessary to justify the reimbursement to the COR Supervisor or COR./TDY travel costs shall not include any profit, fee or overhead expenses.

PART 3: SERVICES SUMMARY

3.0 PERFORMANCE OBJECTIVES

3.0.1. Each performance objective represents a significant task identified in the basic contract PWS. The performance threshold represents the minimum acceptable level of performance. The performance objectives and performance thresholds represent only the significant tasks outlined in the PWS and do not excuse the Contractor from performance of other responsibilities identified in this PWS. Performance objectives will be monitored regularly by the CORs. During contract performance, service summary performance thresholds may be updated by mutual agreement of the parties.

3.0.1.1. Services Summary Surveillance.

The Government will monitor and assess the Contractor's quality of performance using the accepted quality levels specified in the contract. The COR evaluate Contractor performance of the services listed in the SS table to determine if the performance thresholds are met. All surveillance shall be documented by the COR. Additional performance objectives may be added at the task order level as required. All actions taken by the Contractor to correct deficiencies found by the Government as a result of quality assurance surveillance, and by the Contractor as a result of quality control, shall be at the Contractor's own expense, and without additional reimbursement by the Government.

3.0.1.2 Inspection and Evaluation.

The contractor shall permit DoD maintenance/measurement/inspection Quality Assurance Personnel (QAP) and/or COR teams to visit contractor work sites. These visits will normally be coordinated with the contractor by the COR or a designated representative. Teams may also make unannounced visits and will be authorized unescorted access to work sites. The presence of these teams shall not relieve the contractor from performing the requirements of this PWS.

3.0.1.3. Deficiencies.

A deficiency is any Government-identified non-compliance with the SS, PWS or other contract requirements that specifies that an activity or action did not take place, or did not take place to the standards of timeliness or quality required.

3.0.1.4. Deficiency Resolution.

The Contractor shall take immediate action to correct all Government reported deficiencies and to prevent recurrence of the deficiency.

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3.0.1.5. Corrective Action Report (CAR).

A CAR or electronic equivalent will be initiated by the COR or CO when contract requirement deficiencies are found and subsequent corrective action are to be taken. The contractor shall provide timely and effective corrective action for all adverse quality conditions. Follow-up inspections and tests shall be performed as necessary to assure effective corrective action has been implemented and addresses the root cause. If the contractor is issued a formal written Performance Assessment Report (PAR), the contractor PAR response will identify the root cause of any PWS discrepancy, the immediate contractor corrective action and the contractor's measure to prevent discrepancy reoccurrence. The contractor shall respond to PARs within five work days of PAR receipt, unless authorized by COR for longer response times.

3.0.1.6. Government Visits/Audits/Surveys.

The contractor shall support Government visits, audits and surveys by providing, as a minimum, employees to answer questions; demonstrate equipment performance; and/or operations and provide tours of facilities.

Table 1 Services Summary

SS#	PERFORMANCE OBJECTIVE	PWS Section	PERFORMANCE THRESHOLD
1	PO-01 Fire, Safety, Security and Environmental Programs		Zero discrepancies monthly
2	PO-02 Accountability for Government Furnished Equipment		100% accountability in annual inventories for inventories for government furnished equipment.
3	PO-03 Maintenance of Visual Cueing Systems and C-E Electronic Combat Systems including Associated Equipment		System and individual transmitter monthly CA rates not less than 95%.
4	PO-04 Operation of Visual Cueing Systems and C-E Electronic Combat Systems including Associated Equipment		No more than 2 COR validated customer complaints for the same or similar issue per base or exercised option period.

3.0.2. A discrepancy or non-compliance with governing manuals/instructions/orders, occurring in the area of safety of flight; ground safety; munitions safety; fire safety; security; environmental; or missed sorties, shall result in a failed performance objective within the area within which the discrepancy occurred.

PART 4: GOVERNMENT FURNISHED PROPERTY, EQUIPMENT, FACILITIES AND SERVICES

4.0. GOVERNMENT FURNISHED PROPERTY (GFP)

4.0.1. The Contractor shall receive Government property and document the receipt, record the information necessary to meet the record requirements of paragraph (f)(1)(iii)(A)(1) through (5) of Federal Acquisition Regulation 52.245-1, identify as Government owned in a manner appropriate to the type of property, and manage any discrepancies incident to shipment.

4.1. GOVERNMENT FURNISHED EQUIPMENT (GFE)

4.1.1. The Government will provide to the contractor the equipment listed in Appendix 7. Equipment means a tangible item that is functionally complete for its intended purpose, durable, nonexpendable, and needed for the performance of a contract.

4.1.1.1. EQUIPMENT INVENTORY AND ACCOUNTABILITY

A jointly conducted (contractor and Government representative) inventory of Government- furnished equipment (GFE) must be completed:

- Not later than five (5) calendar days before the full performance start date
- Not later than five (5) calendar days before the start of a new option period
- Not later than ten (10) calendar days before completion of the contract period if no additional option period is exercised

4.1.1.2. The contractor and a Government representative (COR) shall conduct a joint inventory of all Government furnished equipment and the contractor shall sign a receipt for all equipment provided by the Government. Items of equipment missing or not in working order shall be recorded and the contracting officer notified in writing (see Appendix 4). The contractor and the Government representative shall jointly determine the working order and condition of all equipment and document their findings on the inventory. In the event of disagreement between the contractor and the Government representative on the working order and condition of equipment, the disagreement shall be referred to the COR for resolution and if not resolved by the COR, referred to the CO for resolution. Serial numbers of items inventoried shall be listed during the initial inventory where possible.

4.1.1.3. OBTAINING REPLACEMENT OF GFE

The contractor shall submit requests for replacement of GFE, personnel safety equipment excluded, to the COR for processing (see Appendix 4). Such requests shall specify the reason for the replacement request. The request shall be submitted in a timely manner so as not to detrimentally affect contract performance. Replacing personnel safety equipment shall be the responsibility of the contractor.

4.1.2. GOVERNMENT FURNISHED EAID

U.S. Government-furnished equipment assigned Equipment Management Codes 2 through 5 by the military supply system is accounted for on Equipment Authorized In-Use Details (EAID) under the provisions of AFI 23-101. The contractor shall designate custodians and alternates to receipt and account for U.S. Government-furnished EAID equipment on Custodian Authorization/Custody Receipt Listings (CA/CRL). The U.S. Government will provide the custodians and their alternates' initial and follow-on equipment custodian training.

4.1.2.1. OBTAINING REPLACEMENT OF EAID

The contractor shall submit requests for replacement of U.S. Government-furnished EAID equipment required in the performance of the contract using AF Form 601, Custodian Request/Receipt or other authorized supply documents. The contractor shall submit such requests through the COR for approval and any appropriate contract modification. Upon approval by the COR , the contractor shall submit the supply request to the host base supply system (Standard Base Supply System) using operating funds provided by the U.S. Government for that purpose. (See Appendix 4)

4.1.3. UPGRADE/REPLACEMENT OF EQUIPMENT

The Government will be responsible for planning, programming and funding equipment upgrades and replacements. The Government will provide initial training to the contractor in the event that equipment upgrades and replacements require changes in preventive maintenance and repair procedures. The Government will also provide applicable publications for upgraded and replaced equipment and any new required test equipment.

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4.1.4. GOVERNMENT FURNISHED MATERIALS

The Government will provide the materials listed in Appendix 7 for performance of services by the contractor for the duration of the performance period of this contract. The initial stock of materials provided shall be inventoried not later than five (5) working days before the full performance start date at each site by the contractor and a Government representative designated by the contracting officer. Any missing items shall be annotated on the inventory and the contracting officer notified. Any disagreements between the contractor and the Government representative on the materials inventory shall be referred to the COR for resolution and if not resolved by the COR, referred to the CO for resolution. The contractor shall be responsible for keeping enough materials on hand for the performance of the contract according to its terms. If additional materials are authorized by the contract, the contractor shall request such additional materials by providing a written request to the COR at least sixty (60) calendar days before the required delivery date of the materials. At the conclusion of the contract period, including any option periods, the contractor shall return all residual inventory to the Government.

4.2. GOVERNMENT FURNISHED FACILITIES

4.2.1. The Government shall furnish or make available facilities described in Appendix 5. Compliance with all Host Nation and U.S. regulations for the protection of employees is also the obligation of the contractor along with the US Government. The contractor shall perform routine inspections and minor maintenance on temporary facilities IAW local procedures.

4.2.1.1. COR OFFICE

From the Government Furnished facilities listed in appendix 5, the Government will designate a private office space to support the on-site COR staff. The contractor shall retain responsibility to maintain this office space.

4.3. GOVERNMENT FURNISHED SERVICES

4.3.1. GOVERNMENT FURNISHED PETROLEUM, OILS AND LUBRICANTS

The Government will allow the contractor to obtain vehicle fuel for GFE in direct support of this contract. This access will consist of authorization to obtain vehicle fuel through authorized U.S. military sources. The contractor shall maximize the use of U.S. military authorized vehicle fuel to the greatest extent possible. In those instances where the location of a mobile equipment operation does not allow the contractor to receive vehicle fuel from an authorized U.S. military source, the U.S. Government will allow the contractor to seek reimbursement for these costs under the CLIN entitled "Reimbursement for Government Directed Travel." The contractor shall not abuse this fuel usage authorization; vehicles using this fueling authorization shall be used for official, authorized use only.

4.3.2. GOVERNMENT FURNISHED RECORDS

The Government will furnish those existing records such as supply, historical, administrative, quality and logistics documentation. Records transferred to the contractor and records prepared by the contractor in the performance of this contract will be returned to the Government upon termination of the contract or when requested by the Government.

4.3.3. GOVERNMENT FURNISHED UTILITIES

The Government will pay for/reimburse related services that are required for operation of all facilities/sites. These utilities may include heating, fuels, gas, electricity, water and sewage. Electricity and communications service at the remote locations will also be provided by the Government.

4.3.4. COMMUNICATION SERVICES

The Government will furnish Defense Switched Network (DSN) telephone service to make necessary official telephone calls in the performance of this contract. The number of DSN access telephones and lines will be limited to a number adequate to perform the mission as determined by the Government. The Government will not pay for personal or internal contractor management calls.

4.3.5. POSTAL AND INSTALLATION DISTRIBUTION

Official Government/contractor mail that is addressed to or from a Government agency and generated as a result of performance under this PWS will be distributed via the host base Base Information Transfer System (BITS) at Government expense.

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4.3.6. SECURITY FORCES AND FIRE PROTECTION

The Government will provide security and fire protection service to contractor work sites. The contractor shall discuss procedures for obtaining those services with the COR during phase-in. Host base fire department personnel will provide fire protection and fire extinguishing equipment training.

4.3.7. SECURITY TRAINING

The Government shall provide initial COMSEC, OPSEC, EMSEC and COMPUSEC training for a minimum of two contractor personnel. The contractor shall provide training to the remainder of contractor personnel. The contractor shall coordinate training requirements with the local COR.

4.3.8. AUTOMATED DATA PROCESSING EQUIPMENT (ADPE) AND TRAINING

All ADPE requirements will be specified at the Task Order level.

4.3.9. INTEGRATED MAINTENANCE DATA SYSTEM (IMDS) TRAINING

The Government will provide computer-aided instruction and all codes necessary for IMDS appointed users.

4.3.10. CUSTOMER ACCOUNT REPRESENTATIVE (CAR) TRAINING

The Government will provide CAR training for the designated CAR and alternate.

4.3.11. TEST, MEASUREMENT AND DIAGNOSTIC EQUIPMENT (TMDE) TRAINING

The Government will provide TMDE monitor training to the TMDE monitor and alternate.

4.3.12. TECHNICAL ORDERS, PUBLICATIONS AND FORMS

The Government will provide technical order distribution office (TODO) training for the designated TODO representative and alternate.

4.3.13. PRECISION MEASUREMENT EQUIPMENT LABORATORY (PMEL)

The Government will provide PMEL support in accordance with AFI 21-113 and host base procedures. The contractor is responsible for equipment transportation to support calibration requirements.

4.3.14. BASE SUPPLY

The Government will provide Bench/Shop Stock support except for inventory operation and binning functions. All contractor-generated Reports of Discrepancy (RODs) (SF 364s) and Quality Deficiency Reports (QDRs) will be processed in accordance with host base supply procedures. The Government will provide supply listings to the contractor via electronic media. The Government will provide supply inspection training to the contractor to enable the contractor to sign for direct shipments. The Government will provide individual Organizational Cost Center Records (OCCR) for each major system as well as one for general supplies.

4.3.15. CLASSIFIED STORAGE

The Government will provide the contractor with classified storage containers if required.

4.3.16. GOVERNMENT FURNISHED SUPPORT FOR VEHICLES

The Government will provide all scheduled and unscheduled maintenance and repair support for Government furnished vehicles unless damage to a vehicle is determined to be contractor caused.

4.3.17. ADAPTABLE RANGE EXERCISE SYSTEM (ARES)

The Government will provide initial and upgrade training to the contractor in the use of the ARES.

PART 5: APPENDICES

APPENDIX 1: DEFINITIONS/ABBREVIATIONS/ACRONYMS

GENERAL DEFINITIONS.

Contracting Officer (CO) The U.S. Government agent awarding or administering contracts. The CO is the only person authorized to contractually obligate the U.S. Government.

Defective Service. A service output that does not meet the standard of performance specified in the contract for that service.

Government. Unless specified otherwise in the PWS (i.e. U.S. Government), this refers to U.S. military personnel and their civilian counterparts.

Immediately. Unless specified otherwise in the PWS, this refers to having no loss or interval of time.

Local Area Operations. The area within a 100 nautical mile radius around the Pirmasens site.

Lot. The total number of potential service outputs in a surveillance period.

Performance Objective. The outcome associated with successful contract performance in a specific area. This is a critical success factor in achieving the organization's mission, vision and strategy which, if not achieved, would likely result in a significant decrease in customer satisfaction or risk mission failure. Obtaining multi-services/sub-services performed at a certain measurable standard and consistency ensures success in achieving the objectives critical to the mission.

Performance Threshold. The point that divides acceptable and unacceptable performance of a task according to the performance requirement summary and the Inspection of Services clause. It is the number of defectives or maximum percent defective in the lot that is deemed acceptable. Any further defectives will require the government to affect the price computation system.

Polygone Range (or Range). An electronic warfare training range, currently under tri-national control by the United States Air Force, German Air Force and French Air Force. The range comprises 7000 square miles of airspace in Germany and France, and encompasses 7 fixed sites for equipment locations (4 sites in Germany and 3 in France).

Polygone Range User (or Polygone user). Any aircraft or ground vehicle, which desires to have the Polygone Range systems/equipment turned on and pointed at them.

Preventive Maintenance. Those regularly scheduled maintenance actions intended to replace the most common faulty parts or replenish lubricants or examine key components for wear and tear and replace prior to breakage.

Quality Assurance. A planned and systematic pattern of all actions necessary to provide confidence that adequate technical requirements are established; products and services conform to established technical requirements; and satisfactory performance is achieved. For purposes of this PWS, quality assurance refers to actions taken by the U.S. Government.

Quality Control. Those actions taken by a contractor to control the production of outputs to ensure that they conform to the contract requirements.

Random Sampling. A sampling method where each service output in a lot has an equal chance of being selected for quality assurance surveillance.

Sample. A sample consists of one or more service outputs drawn from a lot for quality assurance surveillance.

Services Summary. A listing of the service outputs under the contract that are to be evaluated by CORs on a regular basis, the surveillance methods to be used for these outputs, and the service requirement of the listed outputs

Unscheduled (Bootleg) User. Those users that arrive unannounced to the Polygone Range, via air or ground and request to make use of the range and/or systems/equipment. In accordance with Polygone range procedures, any user can bootleg range time if available during normal hours of operation.

TECHNICAL DEFINITIONS.

A

Administration. Comprises those recurring activities, such as record keeping, preparation and dispatch of correspondence or reports, etc.

Advisory Publication (A). A publication that has been included in the contract to provide information and advice to the contractor in performing a particular job or carrying out an operation. An advisory publication is not directive.

DRAFT

Air Force Occupational Safety and Health (AFOSH). An Air Force program which establishes minimum safety, fire protection and occupational health requirements.

Amber/Partially Mission Capable (PMC) Equipment Status. Equipment status used to indicate when system or equipment functions in such a way that it can perform at least one, but not all, the required T.O. specifications, but is capable of supporting its missions/functions (impaired but usable). See AFI 21-103, Chap 6, paragraph 6.3.2 for further clarification.

AN/MST-T1A (MUTES). A threat emitter system that simulates various SAM, AAA and AI radar signals using preplanned scenarios.

AN/MST-T1(V) (Mini-MUTES). A scaled down variant of the MUTES consisting of a master control group (MCG) and up to five remote pedestals.

AN/UPO-8 (Ground Threat Emitter). Lightweight and portable threat simulation systems such as RWR-Lite, RWT and HTT designed to emit radio frequency signals representative of a wide variety of threat radars.

AN/VPO-1 (TRTG). A mobile radar system that simulates SAM and AAA threats.

Authorized Modifications. A Government authorized change to an Air Force item that alters the item configuration.

Automated Data Processing Equipment (ADPE). All types of equipment which process digital or analog and digital information regardless of the method of acquisition. ISE and ADPE are synonymous.

Awaiting Parts (AWP). An equipment status indicating a request for bits and pieces to repair DIFM items has been submitted.

B

Bench/Shop Stock. Low cost expendable items with Expendability Recoverability Reparability Cost (ERRC) code of XB3 which, due to regular use, are moved to a point of use before actual need.

C

Cannibalization. The removal of specific components from one item of Air Force property for installation on another item of Air Force property to meet priority requirements with the obligation of replacing the removed components.

Capital Equipment. For purposes of the contract, the term comprises all systems which are separate and detachable from real property, but which are used to service real property structures, vehicles and other equipment items.

Camouflage, Concealment, and Deception Equipment. Techniques using camouflage netting, equipment and/or systems, such as inflatable, plastic or metal decoys, to hide, blend, disguise or disrupt the appearance of military targets.

Chargeable Downtime. The time accrued by the contractor in the repair or maintenance action while not in an authorized delay.

Communications-Electronics (C-E) Equipment. For the purpose of this contract, C-E equipment refers to all Government provided radio, radar, range threat simulators and associated equipment such as embedded computers and peripherals.

Communications Security (COMSEC). Protective measures taken to deny unauthorized persons information derived from telecommunications of the U.S. Government relating to national security and to ensure authenticity of such communications. COMSEC protection results from application of security measures to electrical systems that generate, handle, process or use national security information and also includes the application of physical security measures to COMSEC information or materials.

Computer Security (COMPUSEC). All security features needed to provide an acceptable level of protection for hardware, software and classified, sensitive unclassified or critical data, material or processes in a system.

Computer Systems Installation Records (CSIR). Up-to-date facility records consisting of drawings, printed matter (i.e., charts, maps, diagrams, and schematics), and other related materiel as necessary to completely describe the facility.

Contaminated Waste. A liquid, solid or gaseous material that is no longer suitable for any use on an installation because of excessive contamination or quality degradation.

Contract Award Date. The date the contracting officer signs the award document.

Contract Start Date. The date the contractor is required to start transition.

DRAFT

Contracting Officer Designated Representative. Persons designated in writing to perform specific functions or services on behalf of the Contracting Officer.

Controlled Area. Any designated building, area or structure containing lucrative targets for theft, compromise, or destruction, to which entry must be limited in order to provide more than routine protection.

Crypto Controlled Items (CCI). Secure telecommunications or information handling equipment or associated cryptographic component or ancillary device which is unclassified when unkeyed (or when keyed with unclassified key) but controlled.

D

Deferred Preventive Maintenance Inspection (PMI). A PMI with a performance interval of 7 days or greater that cannot be fully accomplished for any reason.

Demand Level. Accumulation of information on a Stock Number for stock leveling DIFM control. Performed internally by the Base Supply computer system.

Depot Technology Repair Center. The depot activity that performs overhaul procedures on electronic systems.

E

Electronic Combat (EC)/Electronic Warfare (EW). Actions involving the use of electromagnetic energy to determine, exploit, reduce, or prevent hostile use of the electromagnetic spectrum, and action which retains friendly use of the electromagnetic spectrum.

Electronic Countermeasures (ECM). The deliberate radiation, reradiation, or reflection of electromagnetic energy (radio frequency) for the purpose of disruption of threat radar systems.

Electronic Media. Electronic data processing and storage devices, computers and computer systems including computer processing units, internal and peripheral storage devices such as fixed disks, external hard disks, floppy drive disks and diskettes, tape drives and tapes, optical storage devices or other memory storage devices, peripheral input/output devices such as keyboards, printers, video display monitors, optical readers and related communications devices such as modems, together with all system documentation, operating logs and documentation, software and instruction manuals.

Electrostatic Discharge (ESD). The destructive release of a static electric build-up that may cause damage to a sensitive device or circuitry.

Emissions Security (EMSEC). The study and control of decipherable electronic signals unintentionally emitted from equipment.

End Item. An entity which is not normally installed on another piece of equipment but is a standalone, functioning unit. There are exceptions such as built in test equipment which are integral operating units of a radars and range threat simulator systems but are handled as end items once removed.

Equipment Authorization Inventory Data (EAID). A computerized in-use detail record of all equipment requiring formal supply property accountability. This includes equipment authorized and in-use/in- place, including substitute items. These items require formal supply property accountability, and must be reflected in the organization's CA/CRL.

Equipment Inoperable for Parts (EIP). An asset that is not under DIFM control that requires parts for repair. These assets are afforded the same type of controls as items in AWP status.

Equipment Maintenance. Includes all forms and levels of equipment upkeep from simple preventive maintenance and cleaning through complete inspection, assembly, repair, corrosion control, reassemble adjustment and calibration, as applicable. It includes the repair and replacement of component parts and subassemblies.

Equipment Status Report (ESR). An individual downtime event reported in the C-E status inventory reporting system.

Equipment Uptime Rate. The actual time, in minutes, expressed as a percent, that the equipment is considered mission capable.

Estimated Delivery Date (EDD). The Julian date that a part or service is expected to arrive or be completed.

Event-ID Number. A unique seven digit alphanumeric number assigned to each maintenance action. (Synonymous with job control number (JCN)).

Expendability Recoverability Repairability Code (ERRC). Designates the expendability status, level of repair and cost category of an item. See AFI 23-101 for a list and further explanation.

Extraordinary Service Request. Any service request for Test, Measurement and Diagnostic Equipment (TMDE) that exceeds the requirement for routine calibration.

DRAFT

F

Facility Maintenance. Recurrent work to prevent deterioration. It is work required to preserve or maintain a facility in such condition that it may be used for its designated purpose.

Facility Repair. Restoration for use for a designated purpose by overhaul, reprocessing, or replacing parts or materials that have deteriorated from the elements or wear and tear in use, and which have not been corrected through maintenance.

Fixed System (or Fixed Equipment). That equipment which is not normally mobile or located at a permanent or semi-permanent base (e.g. MUTES, Mini-MUTES).

Flight Plan. Specified information relating to the intended flight of an aircraft that is filed orally or in writing.

Follow-Up Inspection. Inspections to verify, validate or confirm adequate corrective actions.

Force Activity Designator (FAD). Supply code signifying the relative order of importance of the activities requesting supplies and equipment.

Full Performance Start Date. The date the contractor assumes full responsibility for operation and maintenance of all systems, equipment and facilities identified in the contract PWS.

G

Government Furnished Equipment (GFE). Equipment in the possession of, or directly acquired by, the Government and subsequently made available to the contractor, for use on this contract.

Government Furnished Property (GFP). Property in the possession of, or directly acquired by, the Government and subsequently made available to the contractor for use on this contract.

GTR-18. Smokey SAM visual cueing rocket.

H

Hazardous Waste. Waste from any hazardous material defined in Federal Standards 313A and 313B.

Historical Files. A complete configuration record of each individual system or end item.

Host Base. The host base is that DoD base/agency exercising jurisdiction and administrative control over Government facilities and/or tasked with providing host support for tenant activities. (i.e., civil engineering, supply, etc.)

Host Command. The host command exercising jurisdiction and administrative control over the Government facilities and/or tasked with providing host support for tenant activities.

HARM Target Transmitter (HTT). See AN/UPQ-8.

I

In-Flight Emergency (IFE). An emergency condition of the aircraft that makes continued flight hazardous.

Identification Friend or Foe (IFF). Aircraft equipment interrogated that responds with flight data.

Information Spectrum Manager (ISM). Host base point of contact that processes radio frequency spectrum requirements.

J

Job Control Number (JCN). A unique alphanumeric number assigned to each maintenance action. (Synonymous with Event-ID Number)

Job Data Documentation (JDD). System for recording, monitoring and data collection of maintenance discrepancies. (Synonymous with maintenance data collection (MDC))

L

Lateral Support. The process of redistributing spare assets from one location to support another location.

LMU/24E. Smokey Sam Launcher.

DRAFT

Live, Virtual, Constructive. Operations that include Live personnel operating live threat systems (real or emulated); live personnel operating Virtual computer programmed systems on computers; and computers programmed to operate computer generated/Constructed threat systems.

Local Work Cards (LWC). A written procedure to supplement an Air Force Technical Order or a commercial manual.

M

Maintenance Data Collection (MDC). Synonymous with Job Data Documentation (JDD).

Maintenance Turn-Around (TRN). Repair and return of DIFM assets with no request established with Base Supply.

Maintenance. All action taken to retain material or equipment in a serviceable condition or to restore it to serviceability, including inspection, adjustment, repair, rebuilding, and reclamation. All supply and repair action taken to keep a force in condition to carry out its mission. The routine recurring work required to keep a facility (plant, building, structure, ground facility, utility system, or other real property) or item of equipment in such condition that it may be continuously utilized for its intended purpose.

Major Alteration. Those with an estimated materials cost over \$250.00 (excluding labor) which result in changes to the configuration of facilities.

Major Equipment Maintenance. The maintenance and repair of equipment, including the restoration or replacement of parts because of wear and tear, damage, failure of parts, or the like.

Major System Damage. Damage in excess of \$10,000.00.

Manpad. Man-portable IR/UV air-defense systems, normally shoulder-launched surface-to-air missiles (SAMs). These Man-In-The-Loop (MITL) simulators including the tripod mounted Mallina, shoulder mounted MAST and handheld Griffin.

Management Information System (MIS). A web-based management system for program management, financial management, maintenance and logistics data reporting, purchase status and other aspects of program execution.

Mandatory Publication (M). A publication in which compliance by the contractor is mandatory.

Minor Alteration. Those with an estimated cost of \$250.00 or less (excluding labor) which result in changes to the configuration of facilities.

Minor Equipment Maintenance. Normal operator care of equipment which is recommended by the manufacturer. It includes cleaning, oiling and greasing equipment, tightening nuts and bolts, and performing other preventive maintenance tasks.

Minor System Damage. Damage which is less than \$10,000.00.

Mission Capable. Equipment in green or amber status IAW AFI 21-103, Chap 6, paragraphs 6.3.1, 6.3.2, and 6.3.3.

Mission Impaired Capability Awaiting Parts (MICAP). The term used to classify items of highest priority and is a unique system used to procure material required to repair mission essential equipment.

Mitigation. Actions taken to prevent or reduce product loss, property damage, human injury or death and environmental damage.

Mobile System (or Mobile Equipment). Radar or threat emitter systems that are designed to be transported to various operations locations for operation. Mobile systems require minimal infrastructure requirements. (e.g. TRTG, RWR-Lite, RWT, HTT)

Munitions Storage Area (MSA). A building where munitions are stored and secured.

Multinational Aircrew LVC Training System (MALTS). Mobile Command, control and communications (C3) system

N

Non-chargeable Downtime. Any Government caused delays, directed downtime or downtime for an approved scheduled maintenance action.

Non-Equipment Authorization Inventory Data (Non-EAID). Items acquired through the EMS or other approaches, and do not require formal supply accountability. Normally, these assets do not appear on the organization's CA/CRL.

Not Repairable This Station (NRTS). Items beyond the repair capability of base or field units for any of the reasons described in AFM 23-110 and TO 00-20-3.

O

DRAFT

Off-Equipment Maintenance. Maintenance tasks performed on assets that have been removed from the system and replaced by another asset.

On-Equipment Maintenance. Maintenance tasks performed on units still installed in the system or units removed from the system for ease of maintenance and then re-installed.

On-Site Maintenance. That maintenance, either organic or contractor performed, on material while it remains under the custody of the using base, location or site.

Operation. All actions required to accomplish starting, stopping, running, and using all equipment and systems pertinent to applicable TOs. The desired goal is the most efficient operation possible without interruption of service.

Operational Availability Rate. The probability that, at any point in time, the system is either operating or can operate satisfactorily when operated under specified conditions.

Operational Readiness Inspection (ORD). Inspections conducted by the Inspector General to evaluate combat readiness.

Operations Security (OPSEC). The process of denying information about intentions, capabilities, plans or programs by identifying, controlling or protecting intelligence indicators.

Operator Maintenance. The replacement of lamps, fuses, performing lamp tests and necessary checks to determine if the problem is in equipment at the affected location or if the problem is at another location. Those maintenance actions required to ensure equipment and systems are operating at optimal efficiency between scheduled maintenance inspections. Operator maintenance includes, but is not limited to, replacing indicator lamps, adding oil to engines, tightening connections, replacing screws, replenishing liquids including petroleum products, cleaning and record keeping.

Opportune Maintenance. Maintenance performed during location operational hours when there are no operational requirements.

Organizational Bench Stock Listing (SO4). Semiannual product produced by Base Supply to provide the using organization with consumption history for possible additions, deletions or changes to bench stock.

Organizational Maintenance. The systematic, timely, and periodic inspection and servicing of equipment which results in elimination of hazard(s) to life and property, induces maximum reliability of equipment, creates the minimum number of major and costly repair jobs, and allows the utilization of equipment throughout its serviceable life.

Operational Location. The location at which equipment operation is performed to satisfy a training requirement.

P

Polygone Coordination Center. Command, Control and Communication center for activities at the Polygone Range.

Phase-In. A period of time provided to the contractor to come up to contract full performance. This shall not be construed as Government-provided training.

Phase-Out. A period of time provided to the incumbent contractor to relinquish operation of the site.

Physical Security. A resource protection program to reduce loss, theft and damage to Government property.

Precision Measurement Equipment Laboratory (PMEL). The Air Force unit designated as the primary source for the calibration, repair and scheduling of Air Force Test, Measurement and Diagnostic Equipment (TMDE).

Pre-Mission Data. Required mission data provided to the site to set up for EC/EW activity.

Pre-Operational Checks (Pre-Ops). Final checks of systems/equipment performed prior to entering vulnerability times or after equipment maintenance.

Preventive Maintenance. Known or predictable maintenance requirements that can be planned or programmed for accomplishment on either short or long range schedule.

Preventive Maintenance Inspection (PMI). A procedure performed at scheduled intervals to prevent system failures and deterioration. Required equipment maintenance inspections include adjustments, alignment, cleaning, lubrication and replacement of minor parts and hardware when warranted. This is performed during T.O. directed scheduled frequencies and IAW T.O. specifications.

Product Quality Deficiency Report (PODR). A computer generated form used to identify and report deficiencies attributable to workmanship, non-conformance to specifications, drawings, standards or other technical requirements.

R

DRAFT

Radar Warning Transmitter (RWT). See AN/UPQ-8.

Range Operating Agency. The agency designated to operate and maintain the range.

Range Period. For purposes of this contract a time block dedicated to a specific training mission.

Real Property. For purposes of accounting classification, real property means land and rights therein, utility distribution systems, buildings, structures, and improvements. Real property includes supporting structures for communications-electronics equipment/systems, such as poles, guys, towers, underground ducts, manholes, hardstands, concrete footing, shelters, power production facilities and equipment, environmental control equipment, and other nontechnical components. For purposes of this contract, the term encompasses all real estate included within the site boundaries as well as permanent buildings. Fixtures or systems permanently installed in and around structures, such as electrical conduits, junction boxes, plumbing, heating/cooling ducting, etc., are also considered real property.

Red/Not Mission Capable (NMC). An equipment status designation indicating that the system is unable to meet mission requirements.

Remote Emitter Sites. Those areas where threat emitter systems such as AN/MST-T1(V) remote emitter units are located.

Repairable Assets. Any asset that can be repaired in the field or depot and is ERRC coded "XF" or "XD".

Report of Discrepancy (ROD). Report used to identify shipping-type (item) discrepancies, packaging discrepancies and discrepancies in parcel post shipments.

Restoral Criteria. A prioritized plan of equipment repair utilized when competition for resources exist. Resources in this context include parts funding and lead-time.

RWR-LITE. See AN/UPQ-8

S

Scenario. Preplanned use of threat simulator systems/equipment or sequence of EW/EC threat signals to present a tactical threat environment.

Scheduled Maintenance. Known or predictable maintenance requirements that can be planned or programmed for accomplishment on either a short or long-range schedule. This includes accomplishment of recurring scheduled maintenance inspections and servicing, compliance with Time Compliance Technical Orders (TCTO) other than the immediate action category, and correcting delayed or deferred discrepancies. It also includes maintenance on those items of equipment presently in a temporary storage status.

Scheduled Maintenance Outage. A break in system availability or capability specifically scheduled to permit the accomplishment of preventive, organizational, intermediate, and/or depot maintenance.

Self-Help Project. Programmed projects that are not sufficiently complex to warrant a dedicated engineering-installation (E-I) team effort.

Special Level. Applicable when demand levels are not adequate or do not exist, but experience indicates a limited quantity must be maintained at base or unit level to ensure uninterrupted operation.

Special Missions. Periodic or unique missions directed by the Government, including but not limited to Operational Readiness Inspections and Surge Missions.

Special Purpose Recoverables Authorized Maintenance (SPRAM). Assets that are Expendability Recoverability Repairability Cost (ERRC) Code XD/XF that the Equipment Management Section of Base Supply is responsible for and that maintenance and training activities manage as in-use supplies.

Smokey SAM. Rocket-like visual cue munitions used with LAU-24 launcher.

Stock Number Directory (M14). A record of all stock numbers stored in the Base Supply computer.

Supply Point. Selected repair cycle items (ERRC XD/XF) which in the judgment of the site manager, should be located within, or assigned to, the maintenance activity. Items are assets of supply but are located and managed at the site.

Support Equipment. Any equipment item used to support one or more weapons system, subsystem, or item of equipment. It includes both peculiar and common support equipment.

T

Technical Inspection. Technical inspections are conducted to provide an overall view of the quality of maintenance being performed on equipment. They provide data useful in identifying training deficiencies and potential equipment problem areas.

Temporary Fixes. An emergency, non-standard repair to a system. The system shall be returned to Technical Order configuration as soon as possible.

DRAFT

Test, Measurement & Diagnostic Equipment (TMDE). Equipment designated for use in maintenance, calibration, alignment and operation of a system.

Threat Validation. Test and measurement of the AN/MST-T1A (MUTES) threats by the AN/MSR-T4 (TRAINS).

Time Compliance Technical Order (TCTO). A Technical Order written to modify a system's configuration. TCTOs have time constraints for completion of work that must be strictly complied with.

U

Unscheduled Maintenance. Those unpredictable maintenance requirements not planned or programmed for, but which require prompt attention and must be included in or substituted for previously scheduled workloads. This includes compliance with immediate action Time Compliance Technical Orders (TCTOs), correction of discrepancies discovered during operations of equipment and performing of repairs as a result of accidents or incidents.

Urgency Justification Code (UJC). Indicates on the Standard Base Supply System issue request the urgency of need and the type of requirement (justification). Refer to AFI 21-101 for a listing.

Urgency of Need Designator (UND). Identifies how seriously mission capability is hindered when required material is unavailable. Refer to AFI 23-101 for a listing.

User Maintenance. Minor maintenance accomplished by personnel on equipment and facilities to assist in keeping the equipment/facilities functional pending the next scheduled PMI. User maintenance includes, but is not limited to, replacing screws, cleaning, replacing lamps, tightening connections, cleaning/burnishing contacts, replacing fuses, reading meters, recording readings, hydrometer checks, lubricating, replenishing liquids, and removing unwanted condensation/water.

V

Vulnerability Hours/Periods. The hours that the contractor must be prepared to support aircraft missions. These hours may be via prepared schedule or special mission notification.

W

Weapons Effect Simulator System (WESS). Visual cue system; utilizes a pyrotechnic munitions.

Z

Zulu Time. The common time used for all aviation operations.

ABBREVIATIONS/ACRONYMS

A

AAA.....Anti-Aircraft Artillery
ACOAdministrative Contracting Office
ACTS.....Air Combat Training System
ADPEAutomated Data Processing Equipment
AFAir Force (USAF)
AFIAir Force Instructions
AFMAir Force Manual
AFOSHAir Force Occupational Safety and Health
AFPAir Force Pamphlet
AFPDAir Force Publications Distribution
AFR.....Air Force Regulations
AFRESAir Force Reserves
AFTOAir Force Technical Order
AGEAerospace Ground Equipment
ALC.....Air Logistics Center

DRAFT

AMCActual Mission Capable
ANG.....Air National Guard
AO.....Authorized Outage
Ao.....Operations Availability Rate
AORArea of Responsibility
APACS.....Aircraft and Personnel Clearance System
ARES.....Adaptable Range Exercise System
ARTC.....Air Route Traffic Control
ARTCCAir Route Traffic Control Center
ASAllowance Standard
ASW.....Actual Scheduling Window
ATC.....Air Traffic Control
AWP.....Awaiting Parts
AZAzimuth

B

BCE.....Base Civil Engineer
BIIBasic Issue Items
BITSBase Information Transfer System
BNCC.....Base Network Control Center
BOSS.....Battlefield Operations Support System

C

CaContract Adjusted Rate
CA/CRLCustodian Authorization/Custody Receipt Listing
CC&D.....Camouflage, Concealment, and Deception
CECivil Engineering
CEM.....Communications-Electronics Meteorological
CESCivil Engineering Squadron
CIMACTCivil/Military ATM/Air Defense Coordination Tool
COContracting Officer
COMPUSEC.....Computer Security
COMSECCommunications Security
CONS.....Contracting Squadron
CONUSContinental United States
CORContracting Officer Representative
CP.....Commercial Publications
CPRCardiopulmonary Resuscitation
CSG.....Combat Support Group
C-ECommunications-Electronics
C2.....Command and Control
C3.....Command, Control and Communications
C4.....Command, Control, Communications and Computers

D

DD.....Department of Defense Form Identifier
DIADS.....Digital Integrated Air Defense System
DIFM.....Due In From Maintenance
DISCO.....Defense Industrial Security Clearance Office
DIS.....Distributed Interactive Simulation
DLR.....Depot Level Repairable
DMO.....Distributed Mission Operations

DRAFT

DMON.....Distributed Mission Operations Network
DoD.....Department of Defense
DoDD.....Department of Defense Directive
DoDMDepartment of Defense Manual
DOIDetachment Operating Instruction
DORDaily Operations Report or Detailed Outage Report
DPDO.....Defense Property Disposal Office
DR DMON.....Distributed Mission Operations Network
DR.....Deficiency Report
DRMO.....Defense Reutilization and Marketing Office
DSN.....Defense Switch Network

E

EAIDEquipment Authorized In-Use Details
ECElectronic Combat
ECD.....Estimated Completion Date
EDDEstimated Delivery Date
EIP.....Equipment Inoperative for Parts
EMSECEmission Security
EOElectrical Optical
EOM.....End of Month
EPAEnvironmental Protection Agency
ERRCExpendability Recoverability Reparability Code
ESDElectrostatic Discharge
ESREquipment Status Reporting
ETROEstimated Time of Return to Operation
ETSEngineering Technical Service
EUR.....Equipment Uptime Rate
EWElectronic Warfare
EWWG.....Electronic Warfare Working Group

F

FAD.....Force Activity Designator
FAFFrench Air Force
FAR.....Federal Acquisition Regulation
FCO.....Facility Control Office
FM.....Frequency Modulation
FPCON.....Force Protection Condition

G

GEAFGerman Air Force
GFEGovernment Furnished Equipment
GFPGovernment Furnished Property
GPGeneral Purpose

H

HPM.....Higher Priority Maintenance
HQ.....Headquarters

I

IAO.....Information Assurance Officer

DRAFT

IAW.....In Accordance With
ICADS.....Individual Combat Aircrew Display System
ID.....Identification
IFF.....Identification Friend or Foe
IFF/SIF.....Identification Friend or Foe and/or Selective Identification Feature
IG.....Inspector General
IM.....Intermediate Maintenance
IMDS.....Integrated Maintenance Data System
IR.....Infrared
ISE.....Information System Equipment
ISM.....Information Spectrum Manager

J

JANAP.....Joint Army, Navy, Air Force Publication
JC.....Job Control
JDD.....Job Data Documentation
JER.....Joint Ethics Regulation
JPAS.....Joint Personnel Adjudication System
JTIDS.....Joint Tactical Information and Distribution System

L

LMOC.....Live Mission Operation Center
LOI.....Letter of Identification or Local Operating Instruction
LTVG.....Long Term Visitor Group
LSB.....Live Synthetic Blended
LWC.....Local Work Card

M

MACE.....Modern Air Combat Environment
MAEWTF.....Multinational Aircrew Electronic Warfare Tactics Facility
MAJCOM.....Major Command
MALTS.....Multinational Aircrew LVC Training System
MAST.....Man Portable Survivability Trainer
MC/c.....Mission Capable/Rate
MDC.....Maintenance Data Collection
MDR.....Material Deficiency Reporting
MICAP.....Mission Impaired Capability Awaiting Parts
MIDS.....Multifunction Information Distribution System
MIL-STD.....Military Standard
Mini-MUTES.....Mini Multiple Threat Emitter System
MOA.....Memorandum of Agreement
MOL.....Maintenance Operational Instruction
MUTES.....Multiple Threat Emitter System

N

NATO.....North Atlantic Treaty Organization
NAVEUR.....US Navy Europe
NGTS.....Next Generation Threat System
NLT.....Not Later Than
NMC.....Not Mission Capable
NRTS.....Not Repairable This Station
NSN.....National Stock Number

DRAFT

NTE.....Not To Exceed

O

OAR	Operational Availability Report
OCCR.....	Organizational Cost Center Records
OI	Operation Instruction
O&M	Operations and Maintenance
OM&S.....	Operations, Maintenance and Support
OPSEC	Operations Security
ORE.....	Operational Readiness Evaluation
ORI.....	Operational Readiness Inspection
OSHA.....	Occupational Safety and Health Standards
OSS&E.....	Operational Safety, Suitability and Effectiveness
OTARIS	Outil de Traitement, d'Acquisition et de Restitution des Informations du STRI (French air defense information radar)

P

P5CTS.....	P5 Combat Training System
PA	Privacy Act
PAR	Performance Assessment Report
PCC	Polygone Coordination Center
PDM.....	Periodic Depot Maintenance
PDO.....	Publications Distribution Office
PIWG	Product Improvement Working Group
PMEL.....	Precision Measurement Equipment Laboratory
PMI	Preventive Maintenance Instructions
PMI	Preventive Maintenance Inspection
POC.....	Point of Contact
POL	Petroleum, Oils and Lubricants
POV.....	Privately Owned Vehicle
PWS	Performance Work Statement

Q

QA.....Quality Assurance
QASPQuality Assurance Surveillance Plan
QCQuality Control

R

RF.....Radio Frequency
RFIRadio Frequency Interference
RFSRequest For Service
RODReport of Discrepancy

S

SAM.....	Surface-to-Air-Missile
SBSS	Standard Base Supply System
SN	Serial Number
SOI	Standard Operating Instructions
SOP	Standard Operating Procedures
SPRAM	Special Purpose Recoverable Authorized to Maintenance
SRAN.....	Stock Record Account Number

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SRD.....Standard Reporting Designator

T

TCTOTime Compliance Technical Order
TDFE.....Track Data Fusion Element
TDL.....Tactical Data Link
TDLMC..... Tactical Data Link Management Cell
TDYTemporary Duty
TENA.....Test and Training Enabling Architecture
TM.....Technical Manual
TMDETest, Measurement, and Diagnostic Equipment
TMO.....Traffic Management Office
TOTechnical Order
TODATechnical Order Distribution Account
TODOTechnical Order Distribution Office
TRAINSThreat Reaction Analysis and Indicator System
TRN.....Turnaround (maintenance)
TRTGTactical Radar Threat Generator

U

UHF.....Ultra High Frequency
UJCUrgency Justification Code
UND.....Unit Need Designator
UPSUninterruptable Power Supply
USAFUnited States Air Force
USAFE.....United States Air Forces in Europe
USAREUR.....United States Army Europe

W

WESS.....Weapons Effects Signature Simulator

APPENDIX 2: PUBLICATION AND FORMS

Publications and forms that apply to this PWS are listed below. The contractor is obligated to follow these publications or the most current revision/version and use those forms to the extent specified in other sections of this PWS. All publications and forms listed will be provided by the government at the start of the contract. It is the responsibility of the contractor to establish follow-on requirements with the Publications Distribution Office (PDO). The Government will provide technical data and access to publications, Technical Orders and forms listed in this section.

Access to publications and forms will be via internet at the following URLs:

USAF/USAFE: <http://www.e-publishing.af.mil>

Technical Orders: <https://www.my.af.mil/etims/ETIMS/ETIMS/menu/index.jsp>

DoD publications and forms: <http://www.dtic.mil/whs/directives>

Supplements or amendments to listed publications from any organizational level may be issued during the life of the contract. The contractor shall immediately implement these changes.

It is the contractor's responsibility to ensure that all publications are posted and up-to-date.

Upon completion of the contract, the contractor shall return to the Government all issued publications.

The contractor shall establish a Technical Order Distribution Office (TODO) account and manage/order all Technical Orders IAW T.O. 00-5-1, except for "E" series TOs that shall be ordered from the appropriate Air

DRAFT

Logistics Center. The contractor shall, after establishing the above accounts, make maximum use of existing publications and TOs by transferring them into the new accounts. The contractor shall make maximum use digital publications and T.O.s. The contractor shall appoint a TODO representative and alternate who shall perform duties in accordance with TO 00-5-2. The contractor shall appoint the CAR and TODO representatives and alternates in writing prior to full performance start date. The Government will furnish required training for the TODO representatives and alternates.

The contractor shall maintain all publications, regulations, TOs and manuals required for performance under this contract for maintenance and operation of systems, equipment and facilities. In addition, the contractor shall maintain a centralized technical library for all publications, regulations, TOs and manuals required for performance under this contract.

The contractor shall maintain a current index for all publications pertaining to this contract. The contractor shall also maintain and, by request, furnish the Government with the most current TO Code Selected Reconciliation List (CSRL).

The contractor shall obtain commercial publications directly from manufacturers on a reimbursable basis. The contractor shall advise the COR of all new or revised commercial publications placed on order. Publications shall be maintained at the Pirmasens site and at the centralized technical library. All commercial publications shall be incorporated into on-site operations and the centralized technical library. These publications shall be Government property.

Applicable Publications and Forms

Type	NUMBER	TITLE	Ch	Section
Air Force Computer Systems Manual	AFCSM 21 556V2	(CAMS) Maintenance Events (Software User Manual)	N/A	N/A
Air Force Computer Systems Manual	AFCSM 21 556V2	(CAMS) Maintenance Events (Software User Manual)	N/A	N/A
Air Force Computer Systems Manual	AFCSM 21-556V1	Core Automated Maintenance System (CAMS) DSD:G054/FS (PA) (Software	N/A	N/A
Air Force Computer Systems Manual	AFCSM 21-556V2	Introduction to CAMS (Software User Manual)	N/A	N/A
Air Force Computer Systems Manual	AFCSM 21560V1	CAMS) C-E Equipment Status and Inventory Reporting (Software User Manual)	N/A	N/A
Air Force Computer Systems Manual	AFCSM 21560V1	CAMS) C-E Equipment Status and Inventory Reporting (Software User Manual)	N/A	N/A
Air Force Computer Systems Manual	AFCSM 21-560V2	(CAMS) Job Data Documentation (JDD) (Software User Manual)	N/A	N/A
Air Force Computer Systems Manual	AFCSM 21-561V2	(CAMS) Status and Inventory Reporting (Software User Manual)	N/A	N/A
Air Force Computer Systems Manual	AFCSM 21-563V2	(CAMS) Operational Event Subsystem (Software User Manual)	N/A	N/A
Air Force Computer Systems Manual	AFCSM 21-564V2	CAMS) Inspection and Time Change (Software User Manual)	N/A	N/A

DRAFT

Air Force Computer Systems Manual	AFCSM 21-565V2	CAMS) Equipment/Personnel Transfer	N/A	N/A
Air Force Computer Systems Manual	AFCSM 21-566V2	(CAMS) Time Compliance Technical Order (TCTO) User Manual	N/A	N/A
Air Force Computer Systems Manual	AFCSM 21-571V2	CAMS) Database Management (Software User Manual)	N/A	N/A
Air Force Computer Systems Manual	AFCSM 21-576V2	(CAMS) Generic Configuration Status and Accounting System (GCSAS) (Software User Manual)	N/A	N/A
Air Force Computer Systems Manual	AFCSM 21-579V2	Core Automated Maintenance System (CAMS) DSD: GO54/FS CPA Inquires	N/A	N/A
Air Force Instruction	AFI 23-101	Air Force Material Management	1, 4, 5	1.2.2.9; 4.2.2.2, 4.3.1.3, 4.3.2, 4.3.4, 4.4; 5.2.3.1.3, 5.3.3, 5.3.4.4, 5.3.7.2, 5.3.7.3, 5.3.8.1.3, 5.4.2.6, 5.4.2.7, 5.4.3, 5.5.3, 5.5.7, 5.5.8, 5.8.3.4, 5.8.3.5; 6.3.3.2; 7.5.5, 7.5.6, 7.5.7; 8.5.1; 10.2.1.2
Air Force Instruction	AFI 24-301	Vehicle Operations (AFEPL)	1, 5	1.13; 5.5, 5.12
Air Force Instruction	AFI 32-1065	Grounding Systems (AFEPL)	1	1.4
Air Force Instruction	AFI 33-360	The Air Force Publications and Forms Management	2	2.5, 2.6, 2.8, 2.9
Air Force Manual	AFMAN 33-120 & USAF SUP	Electromagnetic Spectrum Management	3	3.2.4, 3.2.8
Air Force Manual	AFMAN 91-203	Air Force Occupational Safety, Fire, and Health Standards	All as applicable	1.4, 1.11.5, 1.11.6; all "Horizontal Standards";
Commercial Drawings	Commercial Drawings	MALTS Component Drawings	N/A	N/A
Commerical Manual	Commercial Manual	Mallina User Manuals	N/A	N/A
Commerical Manual	Commercial Manual	RWR User Manuals	N/A	N/A
Commerical Manual	Commercial Manual	MAST OUM-01-6920-711-10 Operator User's Manual	N/A	N/A
Commerical Manual	Commercial Manual	GRIFFEN 50 Operators Manual and Maintenance Instructions	N/A	N/A
Commerical Manual	Commercial Manual	721S XBVHF/UHF Fixed Site Radios Instruction Book Operational	N/A	N/A
Commerical Manual	Commercial Manual	Remote Control Unit (RCU) – 710 GUI User Guide	N/A	N/A
Commerical Manual	Commercial Manual	Software User's Manual for MALTS	N/A	N/A
Commerical Manual	Commercial Manual	MALTS GD Parts List Reports	N/A	N/A

DRAFT

Commerical Manual	Commercial Manual	Operator's Manual for WESS - TM 9-6910- 741-10	N/A	N/A
Commerical Manual	Commercial Manual	ARES Version 3+ Software user's Manual	N/A	N/A
Commerical Manual	Commercial Manual	MALTS Component Data Sheets	N/A	N/A
Form	AE Form 302-1	Import/Export Customs Declaration	N/A	N/A
Form	AE FORM 3795R	Request for Import/Export Customs	N/A	N/A
Form	AF FORM 103	Base Civil Engineering Work Clearance Request	N/A	N/A
Form	AF FORM 1085	Fire Protection Training Report	N/A	N/A
Form	AF FORM 1109	Visitor Register Log	N/A	N/A
Form	AF FORM 126	Customer Request Log	N/A	N/A
Form	AF FORM 1297	Temp. Issue Receipt	N/A	N/A
Form	AF FORM 1487	Fire Prevention Visit Report	N/A	N/A
Form	AF FORM 1492	Warning Tag	N/A	N/A
Form	AF FORM 1800	Operator's Insp Guide & Trouble Report	N/A	N/A
Form	AF FORM 1846	Request for and Record of Customer Account Representative Designation	N/A	N/A
Form	AF FORM 1879	BCE Job Order Record	N/A	N/A
Form	AF FORM 1924	Event Log	N/A	N/A
Form	AF FORM 1996	Adjusted Stock Level	N/A	N/A
Form	AF FORM 2005	Issue/Turn-In Request	N/A	N/A
Form	AF FORM 2032	Inspection Extension	N/A	N/A
Form	AF FORM 213	Receipt for Accountable Form	N/A	N/A
Form	AF FORM 218	Facility Fire Prevention/Protection Record	N/A	N/A
Form	AF FORM 2413	Supply Control Log	N/A	N/A
Form	AF FORM 2521	Turnaround Transaction Log	N/A	N/A
Form	AF FORM 3	Hazard Abatement	N/A	N/A
Form	AF FORM 332	Work Request Form	N/A	N/A
Form	AF FORM 440	Bomb Threat Aid	N/A	N/A
Form	AF FORM 457	USAF Hazard Report	N/A	N/A
Form	AF FORM 465	Bench Stock	N/A	N/A
Form	AF FORM 487	Generator Log	N/A	N/A
Form	AF FORM 601	Equipment Action Request	N/A	N/A
Form	AF FORM 637	BCE Job Order Log	N/A	N/A
Form	AF FORM 651	Hazardous Air Traffic Report (HATR)	N/A	N/A
Form	AF FORM 673	Request to Issue Pub	N/A	N/A
Form	AF FORM 711	USAF Mishap Report	N/A	N/A

DRAFT

Form	AF FORM 813	Request for Environmental Impact Analysis	N/A	N/A
Form	AF FORM 813	Request for Environmental Impact Analysis	N/A	N/A
Form	AF FORM 980	Caution Tag	N/A	N/A
Form	AF FORM 980	Caution Tag	N/A	N/A
Form	AF FORM 981	Hazard Identification Tag	N/A	N/A
Form	AF FORM 981	Hazard Identification Tag	N/A	N/A
Form	AFTO FORM 110	T.O. CPIN Distribution Record	N/A	N/A
Form	AFTO FORM 131	T.O. Index Routing	N/A	N/A
Form	AFTO FORM 187	T.O. Pub Request	N/A	N/A
Form	AFTO FORM 20	Caution Purge and Treatment Tag	N/A	N/A
Form	AFTO FORM 217	Equipment Acceptance Form	N/A	N/A
Form	AFTO FORM 22	Technical Order Improvement Program	N/A	N/A
Form	AFTO FORM 256	No Calibration Required	N/A	N/A
Form	AFTO FORM 26D	Inspection Work Card	N/A	N/A
Form	AFTO FORM 32	T.O. Binder Labels	N/A	N/A
Form	AFTO FORM 349	Maintenance Data Collection Records	N/A	N/A
Form	AFTO FORM 350	Repairable Item Processing Tag	N/A	N/A
Form	AFTO FORM 47X	Equipment Inventory Sheet	N/A	N/A
Form	AFTO FORM 844	Requisition for Local Duplicating Services	N/A	N/A
Form	AFTO FORM 95	Equipment Historical Records	N/A	N/A
Form	DD FORM 1348-1	DOD Single Line Rel./Receipt Doc	N/A	N/A
Form	DD FORM 1348-6	DOD Single Line Req. Sys Doc	N/A	N/A
Form	DD FORM 1574	Serviceable Tag	N/A	N/A
Form	DD FORM 1577	Unserviceable Tag	N/A	N/A
Form	DD FORM 1577-2	Unserviceable Repairable Tag	N/A	N/A
Form	DD FORM 254	Contract Security Classification Specification	N/A	N/A
Form	DD FORM 518	Accident and Identification Card	N/A	N/A
Form	DISA FORM 41	System Authorization Access Request	N/A	N/A
Form	OF FORM 20	Cross Reference Sheet	N/A	N/A
Form	OF FORM 87	Attention ESD Label	N/A	N/A
Form	PCC FORM 100	Scenario Development/Mission Flight Strip	N/A	N/A
Form	SF FORM 364	Supply Reports of Discrepancy	N/A	N/A

DRAFT

Form	SF FORM 700	Security Container Information Sheet	N/A	N/A
Form	SF FORM 701	Activity Security Checklist	N/A	N/A
Form	SF FORM 702	Security Container Check Sheet	N/A	N/A
Form	SF FORM 704	Secret Cover Sheet	N/A	N/A
Form	SF FORM 91	Motor Vehicle Accident Report	N/A	N/A
Form	USAFE FORM 44	Receipt Authorization	N/A	N/A
Form	USAFE FORM 79	Request for Base Entry	N/A	N/A
Local Operating Instruction	DET OI 31-401	Security Program Operating Procedures	N/A	N/A
Military Standard	MIL-HDBK-263A	Electronic Discharge for Protection of Electronical and Electronic Parts, Assemblies and Equipment	All as applicable	All as applicable
Military Standard	MIL-HDBK-419A	Grounding, Bonding, and Shielding of Electrical Equipment	All as applicable	All as applicable
Military Standard	MIL-HDBK-773	ESD Protective Packing	All as applicable	All as applicable
Military Standard	MIL-STD-129M	Marking for Shipment and Storage	All as applicable	All as applicable
Military Standard	MIL-STD-1686C	Electrostatic Discharge Control Program for Protection of Electronic Parts, Assemblies and Equipment	All as applicable	All as applicable
Technical Order	00-20-14-WA-1	Air Force Metrology and Calibration	All as applicable	All as applicable
Technical Order	00-20-1-WA-1	Preventive Maintenance Program	All as applicable	All as applicable
Technical Order	00-20-2-WA-1	The Maintenance Data Collection System	All as applicable	All as applicable
Technical Order	00-20-3-WA-1	Maintenance Processing of Repairable Property and the Repair Cycle Asset	All as applicable	All as applicable
Technical Order	00-25-06-2-2-WA-1	Depot, Intermediate and Org. Maint. Work Unit Code Manual Support	All as applicable	All as applicable
Technical Order	00-25-107-WA-1	Maintenance Assistance (Excludes Gnd CEM & Petroleum Oils & Lubricants)	All as applicable	All as applicable
Technical Order	00-25-108-WA-1	Communications-Electronics (C-E) Depot	All as applicable	All as applicable
Technical Order	00-25-113-WA-1	Conservation, Segregation, & Disposal of	All as applicable	All as applicable
Technical Order	00-25-195-WA-1	Source, Maintenance, and Recoverability Coding of Air	All as applicable	All as applicable
Technical Order	00-25-213-WA-1	Transportation, Storage, Testing, Shelf Life, and Quantity Unit Pack	All as applicable	All as applicable
Technical Order	00-25-232-WA-1	Insulation Matting	All as applicable	All as applicable

DRAFT

Technical Order	00-25-234-WA-1	General Shop Practice Requirements for the Repair, Maintenance, and Test of	All as applicable	All as applicable
Technical Order	00-25-251-WA-1	Installation, Operation, Maintenance Care and Handling Instructions, General	All as applicable	All as applicable
Technical Order	00-35D-2-WA-1	Electronic Set Inventory Checklist for Ground Communications-Electronics (CE) Equipment	All as applicable	All as applicable
Technical Order	00-35D-54-WA-1	USAF Material Deficiency Reporting and Investigating System	All as applicable	All as applicable
Technical Order	00-5-15-WA-1	Time Compliance Technical Order System	All as applicable	All as applicable
Technical Order	00-5-17-WA-1	USAF Computer Program Identification Numbering (CPIN) System User's Manual	All as applicable	All as applicable
Technical Order	00-5-18-WA-1	USAF Technical Order Numbering System	All as applicable	All as applicable
Technical Order	00-5-1-WA-1	Air Force Technical Order System	All as applicable	All as applicable
Technical Order	00-5-3-WA-1	AF TO Acquisition Procedures	All as applicable	All as applicable
Technical Order	00-85-38WA-1	Preparation for Shipment of Ground Communications, Electronics, Meteorological and Navigational Aids in Vans or Shelters	All as applicable	All as applicable
Technical Order	1-1-689-WA-1	Avionics Cleaning and Corrosion Prevention	All as applicable	All as applicable
Technical Order	1-1-691-WA-1	Corrosion Prevention and Control for Aerospace Equipment	All as applicable	All as applicable
Technical Order	1-1-8-WA-1	Application/Removal of Organic Coatings	All as applicable	All as applicable
Technical Order	11A10-34-7-WA-1	Storage and Maintenance of Smokey SAMS	All as applicable	All as applicable
Technical Order	11A11-29-7-WA-1	Storage and Maintenance of Smokey SAMS	All as applicable	All as applicable
Technical Order	11A-1-60-WA-1	Inspection of Reusable Munitions Containers & Scrap Material Generated From Items Exposed to or Containing Explosives	All as applicable	All as applicable
Technical Order	11L1-2-23-1	Operation and Maintenance Instructions With Illustrated Parts Breakdown	All as applicable	All as applicable
Technical Order	12R2-2AIC25-2-WA-1	Field Maintenance Instructions	All as applicable	All as applicable
Technical Order	12R2-2AIC25-4-WA-1	IPB Intercommunication Set	All as applicable	All as applicable
Technical Order	31-10-24-WA-1	Installation Practices: Communications Systems	All as applicable	All as applicable

DRAFT

		Grounding, Bonding and Shielding		
Technical Order	31-1-141-1-WA-1	Basic Electronic Technology-Safety Precautions	All as applicable	All as applicable
Technical Order	31P1-4-56-1-WA-1	Two Axis Joystick Model 541	All as applicable	All as applicable
Technical Order	31P2-4-38-1-WA-1	Integration/Instructions - Electronic Assemblies, AN/VPQ-1	All as applicable	All as applicable
Technical Order	31P8-4-43-7-WA-1	Display Keyboard HM-4415	All as applicable	All as applicable
Technical Order	31P8-4-44-1-WA-1	Servo Amp. PN DCMM 3000	All as applicable	All as applicable
Technical Order	31P8-4-45-1-WA-1	Servo Amp. PN DCMM 4000	All as applicable	All as applicable
Technical Order	31P8-4-52-7-WA-1	Graphics Controller HM-4115	All as applicable	All as applicable
Technical Order	31R-1-06-4-WA-1	General and Electronic Equip WUC Manual	All as applicable	All as applicable
Technical Order	31R2-2GRC171-2-2-WA-1	Supplemental Manual Service Ins	All as applicable	All as applicable
Technical Order	31R2-2GRC171-2-WA-1	Service and Circuit Diagrams	All as applicable	All as applicable
Technical Order	31R2-2GRC171-32-WA-1	OK-461 CTRL	All as applicable	All as applicable
Technical Order	31R2-2GRC171-4-1-WA-1	Supplemental Manual (IPB)	All as applicable	All as applicable
Technical Order	31R2-2GRC171-4-WA-1	Illustrated Parts Breakdown (IPB) - Radio Set	All as applicable	All as applicable
Technical Order	31R2-2GRC171-6WC-1	Scheduled Periodic Insp Workcards	All as applicable	All as applicable
Technical Order	31R2-4-1037-7-WA-1	Modem PN 201 BC/AS	All as applicable	All as applicable
Technical Order	31R2-4-1038-7-WA-1	Modem PN UDS212A	All as applicable	All as applicable
Technical Order	31R2-4-1039-8-1-WA-1	Kodex Modem Nest 2200 Installation Ins	All as applicable	All as applicable
Technical Order	31R2-4-950-1-WA-1	AN/MST-T1A Pedestal O/M	All as applicable	All as applicable
Technical Order	31R2-4-950-4-WA-1	AN/MST-T1A Pedestal IPB	All as applicable	All as applicable
Technical Order	31R5-4-204-1-1-WA-1	STR MNL -- RPM Pedestal PG-1012 And Rpm Controller CD-2013 VOL I, PN 104700-1	All as applicable	All as applicable
Technical Order	31S1-4-289-1-WA-1	3080-500 Video Switch Matrix	All as applicable	All as applicable
Technical Order	31S5-4-1412-11-WA-1	MSE/14 Micro System Processor O/M	All as applicable	All as applicable
Technical Order	31S5-4-1412-31-WA-1	Eclipse / ROLM Microcomputer	All as applicable	All as applicable
Technical Order	31S5-4-2000-2-WA-1	DG/Disk Sub Sys Maintenance Manual	All as applicable	All as applicable

DRAFT

Technical Order	31Z-10-37-WA-1	Corrosion Prevention and Protection	All as applicable	All as applicable
Technical Order	31Z-10-4-WA-1	Electromagnetic Radiation Hazards (E & I Standards)	All as applicable	All as applicable
Technical Order	32B14-3-1-101-WA-1	Torque Indicating Tools	All as applicable	All as applicable
Technical Order	33-1-27	Logistics Support of PMEL Equip	All as applicable	All as applicable
Technical Order	33-1-32	Input Power Wiring of	All as applicable	All as applicable
Technical Order	33D7-71-44-1	O&M Manual W/Ipb - Test Set, Radio Ts- 4025/Grc-171(V)	All as applicable	All as applicable
Technical Order	33D7-8-116-1	TX Simulator Test Set PN 654E4901- O&M W/IPB	All as applicable	All as applicable
Technical Order	33D7-8-116-2	Tx Simulator Test Set Pn 654e4901	All as applicable	All as applicable
Technical Order	33D7-8-116-8-1	TX Simulator Test Fixture Assy O/I-Test Procedures	All as applicable	All as applicable
Technical Order	33D7-8-117-1	Syncro Simulator O/M & IPB	All as applicable	All as applicable
Technical Order	33D7-8-117-2	Syncro Simulator Maintenance Manual	All as applicable	All as applicable
Technical Order	33DA98-15-1	Instruction Manual - Y8100 DC/AC Currant Probe	All as applicable	All as applicable
Technical Order	33K-1-100	TMDE Interval, Calib	All as applicable	All as applicable
Technical Order	33K-1-100-1	TMDE Notes/MDC Codes	All as applicable	All as applicable
Technical Order	33K-1-100-2	TMDE Cal Interval and WUC Ref	All as applicable	All as applicable
Technical Order	34Y1-1	AIR COMPRESSORS, SHOP SUPPORT EQUIP- GEN	All as applicable	All as applicable
Technical Order	34Y1-237-1	OPERATIONS AND SERVICE W/PL, AUTOMATIC COMPRESSOR DEHYDRATOR	All as applicable	All as applicable
Technical Order	34Y17-6-5-1	Oil Filtration Unit O/M & IPB	All as applicable	All as applicable
Technical Order	35-1-3-WA-1	Corrosion Prevention, Painting & Marking of USAF Support Equipment	All as applicable	All as applicable
Technical Order	35C1-2-1-161-WA-1	INSTRUCT MANUAL, REGULATED POWER SUPPLIES	All as applicable	All as applicable
Technical Order	35C1-2-251-1-WA-1	Model LM Regulated Power Supplies O/M	All as applicable	All as applicable
Technical Order	35C1-2-450-11-WA-1	INSTRUCTION MANUAL, REGULATED POWER SUPPLIES	All as applicable	All as applicable
Technical Order	35C1-2-464-1-WA-1	Instruction Manual LXD-C-152 Series Power Supplies	All as applicable	All as applicable

DRAFT

Technical Order	35C1-2-548-1-WA-1	Operating And Service Mnl Dc Power Supply Pn 6299aoptj12	All as applicable	All as applicable
Technical Order	35C1-2-560-1-WA-1	Modular Power Supplies A, C, & E Series, Oper And Service Manual	All as applicable	All as applicable
Technical Order	35C1-2-764-1-WA-1	Instruction Manual, Regulated Power Supplies (Lns-P Series)	All as applicable	All as applicable
Technical Order	35C1-2-766-1-WA-1	Instruction Manual, Regulated Power Supplies (Lns-X Series)	All as applicable	All as applicable
Technical Order	35C1-2-789-11-WA-1	LND-P-152/-MPU Regulated Power Supply	All as applicable	All as applicable
Technical Order	35C1-2-789-1-WA-1	LND-P-152/-MPU Regulated Power Supply	All as applicable	All as applicable
Technical Order	35C1-2-795-11-WA-1	LNS-2 Series Power Supply O/M	All as applicable	All as applicable
Technical Order	35C1-2-795-1-WA-1	Instruction Manual, Regulated Power Supplies, Lns-W Series	All as applicable	All as applicable
Technical Order	35C1-2-808-1-WA-1	114630-3Regulated Power Supply Instr	All as applicable	All as applicable
Technical Order	35C1-2-816-1-WA-1	Power Supply PN 654E4910 O/M& IPB	All as applicable	All as applicable
Technical Order	35C1-5-4-1-WA-1	VARIAC 1571-9831/-9898 Instr	All as applicable	All as applicable
Technical Order	35C2-3-1-426WC-5- 1-1- WA-1	Periodic Inspection Workcards	All as applicable	All as applicable
Technical Order	35C2-3-1-426WC-5- 2-1- WA-1	Periodic Inspection Workcards, Diesel Engine Driven Generator Sets	All as applicable	All as applicable
Technical Order	35C2-3-1-426WC-5- 3-1- WA-1	Periodic Inspection Workcards, DIESEL ENGINE DRIVEN GENERATOR SETS	All as applicable	All as applicable
Technical Order	35C2-3-455 Series	All	All as applicable	All as applicable
Technical Order	35C2-3-455-1-WA-1	Operational & Organizational Maintenance Manual - MEP 003A	All as applicable	All as applicable
Technical Order	35C2-3-455-2-WA-1	Intermediate and Depot Level Maintenance Manual - MEP 003A	All as applicable	All as applicable
Technical Order	35C2-3-455-4-WA-1	Maintenance and Repair Parts & Special Tools List - MEP 003A	All as applicable	All as applicable
Technical Order	35CA14-5-1-WA-1	Control Pan Assy O/M & IPB	All as applicable	All as applicable
Technical Order	35CA28-4-1-WA-1	INSTRUCTION MANUAL, RACK ADAPTERS LRA-14, -15, -16 AND -17	All as applicable	All as applicable
Technical Order	35E28-22-1-WA-1	Compressor/Dehydrator PN 600S	All as applicable	All as applicable
Technical Order	35E28-23-1-WA-1	O&M, LOURDES PART NO. L83141	All as applicable	All as applicable

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Technical Order	35E4-1-122-WA-1	Maintenance and Repair S-141/G, S- 144/G, S-250/G, S-280/G and S-318/G	All as applicable	All as applicable
Technical Order	35E4-45-34	Organizational ,Intermediate, Field, and Depot Level Repair Parts and Special Tools S-280 Shelters	All as applicable	All as applicable
Technical Order	35E7-6-29-3	Transit PN 251480 D7L Heater T/S	All as applicable	All as applicable
Technical Order	35E7-6-29-4	Transit PN 251480 D7L Heater IPB	All as applicable	All as applicable
Technical Order	35E7-6-29-7	Transit PN 251480 D7L Heater Instl/Ops	All as applicable	All as applicable
Technical Order	35E9-208-1	MIL-AC233 Air conditioner (Ellis-Watts)	All as applicable	All as applicable
Technical Order	35E9-231-1	Owners Handbook, Transmitter Shelter Air Conditioner, PN 51ER212B32	All as applicable	All as applicable
Technical Order	35E9-283-1	Environmental Control Unit, Model SAC- H-14-S2	All as applicable	All as applicable
Technical Order	35E9-291-7	ECU PN AVP36ACC-09N-DPOAO Instal	All as applicable	All as applicable
Technical Order	35E9-292-1	ECU PN MAC-61-1768 O/M	All as applicable	All as applicable
Technical Order	36-1-23	Serviceability Standards (USAF Vehicles)	All as applicable	All as applicable
Technical Order	36-1-3	Painting Marking & Lighting	All as applicable	All as applicable
Technical Order	36A11-21-16	TCTO - Datron Trailer PN 120602-101	All as applicable	All as applicable
Technical Order	36A11-21-16	TCTO Header	All as applicable	All as applicable
Technical Order	36A11-21-16-1-1-WA-1	Datron Trailer PN 120602-101	All as applicable	All as applicable
Technical Order	36A11-21-16-1-WA-1	Datron Trailer PN 120602-101	All as applicable	All as applicable
Technical Order	36Y29-5-2	Air Suspension Pn Aa-55	All as applicable	All as applicable
Technical Order	36Y3-1-161	O&M Manual -- Axel,Wheel And Brake Assemblies Pn T34658-1 Axel Assy Pn 5178445b Brake Assy Pn 87058 And R8020lw Wheel Assy	All as applicable	All as applicable
Technical Order	36Y3-22-2	Axle, Wheel, Brake (Van)	All as applicable	All as applicable
Technical Order	36Y47-4-1	Leveling Jack System PN AP7223 Ops Manual	All as applicable	All as applicable
Technical Order	36Y57-4-2	Landing Gear Leveling Jack (van) Maint Instr	All as applicable	All as applicable
Technical Order	37-1-1	Fuels Handling	All as applicable	All as applicable
Technical Order	38-1-5	GASOLINE AND DIESEL ENGINES NON-AIRCRAFT	All as applicable	All as applicable

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		STORAGE AND SHIPMENT PROCESSING AND INSPECTION		
Technical Order	42A2-1-4	Storage of Corrosion Material	All as applicable	All as applicable
Technical Order	42A3-1-2	General Use of Cements and Coatings	All as applicable	All as applicable
Technical Order	42B-1-1	QA for Fuels and Lubricants	All as applicable	All as applicable
Technical Order	42B1-1-1	Fuels for USAF Support Equip and Admin Vehicles	All as applicable	All as applicable
Technical Order	42B-1-23	Management of Recoverable & Waste Liquid Oil Products	All as applicable	All as applicable
Technical Order	42B-1-6	Corrosion Preventive Lubricants	All as applicable	All as applicable
Technical Order	42B5-1-2-WA-1	Use, Handling & Maint of Gas Cylinders	All as applicable	All as applicable
Technical Order	42B7-3-1-1	QA of Nitrogen	All as applicable	All as applicable
Technical Order	42C-1-12	QUALITY CONTROL OF CHEMICALS	All as applicable	All as applicable
Technical Order	42C-1-14	Neutrelaization of Corrosive Chemical Materials	All as applicable	All as applicable
Technical Order	43D7-19-19-4-06-WA-1	AN/MST-T1(V) MP3 Ped / M-Ped	All as applicable	All as applicable
Technical Order	43D7-19-2	TCTO	All as applicable	All as applicable
Technical Order	43D7-19-2-06-WA-1	WUC Manual AN/MST-T1A	All as applicable	All as applicable
Technical Order	43D7-19-2-2-1-WA-1	FOMM AN/MST-T1A	All as applicable	All as applicable
Technical Order	43D7-19-2-2-2-1-WA-1	FOMM T/S and Repair Part I	All as applicable	All as applicable
Technical Order	43D7-19-2-2-2-2-WA-1	FOMM T/S and Repair Part II	All as applicable	All as applicable
Technical Order	43D7-19-2-2-2-3-WA-1	FOMM T/S and Repair Part III	All as applicable	All as applicable
Technical Order	43D7-19-2-2-2-4-WA-1	FOMM T/S and Repair Part IV	All as applicable	All as applicable
Technical Order	43D7-19-2-2-2-6-WA-1	FOMM T/S and Repair Part VI	All as applicable	All as applicable
Technical Order	43D7-19-2-2-2-7-WA-1	FOMM T/S and Repair Part VII	All as applicable	All as applicable
Technical Order	43D7-19-2-2-2-8-WA-1	FOMM T/S and Repair Part VIII	All as applicable	All as applicable
Technical Order	43D7-19-2-2-3-1-WA-1	FOMM T/S and Repair Part I	All as applicable	All as applicable
Technical Order	43D7-19-2-2-3-2-WA-1	FOMM T/S and Repair Part II	All as applicable	All as applicable
Technical Order	43D7-19-2-2-3-3-WA-1	FOMM T/S and Repair Part III	All as applicable	All as applicable
Technical Order	43D7-19-2-2-3-4-WA-1	FOMM T/S and Repair Part IV	All as applicable	All as applicable

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Technical Order	43D7-19-2-2-3-6-WA-1	FOMM T/S and Repair Part VI	All as applicable	All as applicable
Technical Order	43D7-19-2-2-3-7-WA-1	FOMM T/S and Repair Part VII	All as applicable	All as applicable
Technical Order	43D7-19-2-2-3-8-WA-1	FOMM T/S and Repair Part VIII	All as applicable	All as applicable
Technical Order	43D7-19-2-31-WA-1	AN/MST-T1A Trailer Manual S/N 1-8	All as applicable	All as applicable
Technical Order	43D7-19-2-44	AN/MST-T1A Trailer IPB S/N 1-8	All as applicable	All as applicable
Technical Order	43D7-19-2-4-WA-1	IPB AN/MST-T1A	All as applicable	All as applicable
Technical Order	43D7-19-2-6WC-1-WA-1	AN/MST-T1A PMI Work Cards	All as applicable	All as applicable
Technical Order	43D7-19-2-9-WA-1	Alignment Instructions Training Set Electronic Warfare AN/MST-T1A	All as applicable	All as applicable
Technical Order	43D7-19-4-1-1_WA-1	AN/MST-T1(V) MP3 Ped	All as applicable	All as applicable
Technical Order	43D7-19-4-1-1-1-WA-1	AN/MST-T1(V) M-Ped	All as applicable	All as applicable
Technical Order	43D7-19-4-1-2_WA-1	AN/MST-T1(V) MP3 Ped	All as applicable	All as applicable
Technical Order	43D7-19-4-1-2-1-WA-1	AN/MST-T1(V) M-Ped	All as applicable	All as applicable
Technical Order	43D7-19-4-1-3-1-WA-1	AN/MST-T1(V) M-Ped	All as applicable	All as applicable
Technical Order	43D7-19-4-1-3-WA-1	AN/MST-T1(V) MP3 Ped	All as applicable	All as applicable
Technical Order	43D7-19-4-1-4-1-WA-1	AN/MST-T1(V) M-Ped	All as applicable	All as applicable
Technical Order	43D7-19-4-1-4-WA-1	AN/MST-T1(V) MP3 Ped	All as applicable	All as applicable
Technical Order	43D7-19-4-3-1-1-WA-1	AN/MST-T1(V) M-Ped	All as applicable	All as applicable
Technical Order	43D7-19-4-3-1-WA-1	AN/MST-T1(V) MP3 Ped	All as applicable	All as applicable
Technical Order	43D7-19-4-3-2-1-WA-1	AN/MST-T1(V) M-Ped	All as applicable	All as applicable
Technical Order	43D7-19-4-3-2-WA-1	AN/MST-T1(V) MP3 Ped	All as applicable	All as applicable
Technical Order	43D7-19-4-4-1-WA-1	AN/MST-T1(V) M-Ped	All as applicable	All as applicable
Technical Order	43D7-19-4-4-WA-1	AN/MST-T1(V) MP3 Ped	All as applicable	All as applicable
Technical Order	43D7-19-4-6WC-1-1-WA-1	AN/MST-T1(V) M-Ped	All as applicable	All as applicable
Technical Order	43D7-19-4-6WC-1-WA-1	AN/MST-T1(V) MP3 Ped	All as applicable	All as applicable
Technical Order	43D7-9-7-06-WA-1	AN/VPQ-1 - WUC Manual	All as applicable	All as applicable
Technical Order	43D7-9-7-1	AN/VPQ-1 - Operational and Maintenance Instructions	All as applicable	All as applicable

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Technical Order	43D7-9-7-14-WA-1	AN/VPQ-1 - Illustrated Parts Breakdown	All as applicable	All as applicable
Technical Order	43D7-9-7-16WC-1	AN/VPQ-1 - Scheduled Periodic Inspection Workcards	All as applicable	All as applicable
Technical Order	43D7-9-7-22-WA-1	AN/VPQ-1 - Maintenance Instructions - Intermediate	All as applicable	All as applicable
Technical Order	43D7-9-8-1-WA-1	AN/VPQ-1 - Hot Mock-up O&M Instructions	All as applicable	All as applicable
Technical Order	43D7-9-8-3-WA-1	AN/VPQ-1 - Circuit Diagrams	All as applicable	All as applicable
Technical Order	43D7-9-8-4-WA-1	Illustrated Parts Breakdown	All as applicable	All as applicable
Technical Order	43X3-3-7-1-WA-1	1317A Display O/M	All as applicable	All as applicable
Technical Order	43X36-11-1-WA-1	Operation and Maintenance Instructions, Digital Scan Converter Assembly	All as applicable	All as applicable
Technical Order	43X36-12-3-WA-1	Maintenance Instructions, Signal Data Converter CV-3657/V	All as applicable	All as applicable
Technical Order	43X46-10-1-WA-1	Operation Instructions, Television Assembly	All as applicable	All as applicable
Technical Order	43X46-10-3-WA-1	Maintenance Instructions Television Camera Set	All as applicable	All as applicable
Technical Order	84B-MST-T1A-F002-00A	CPIN/Software	All as applicable	All as applicable
Technical Order	84B-MSTT1A-F002-00D	CPIN/Software	All as applicable	All as applicable
Technical Order	84B-MSTT1V/M3P/N-F001-00A	CPIN/Software	All as applicable	All as applicable
Technical Order	84B-MSTT1V/MCG-F002-	CPIN/Software	All as applicable	All as applicable
Technical Order	84B-MSTT1V/MCG-F002-	CPIN/Software	All as applicable	All as applicable
Technical Order	84B-MSTT1V/MP3P/N-F001-00D	CPIN/Software	All as applicable	All as applicable

APPENDIX 3: REQUIRED DELIVERABLES

Unless specified otherwise, reports submitted in the contractor's format are acceptable.

Title	PWS Paragraph	Remarks	Frequency	Format	Distribution
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R-1 Quality Management Plan to include Web-based	1.6, 1.6.1	Provide final QMP NLT 10 calendar days after full contract performance start date and within 30 calendar days of any change. Activate web-based program NLT 10 calendar days of full contract performance start date.	As Required per remarks	Electronic	COR
R-2 Financial Management Report	1.6.2	Provide monthly updates NLT the 5 work day of each month after full contract performance start date	Monthly	Electronic	COR
R-3 Manpower Plan	1.6.3	Contractor shall provide Manpower Plan 30 days after full contract performance start date and within 30 Calendar days of any change.	As required per remarks	Electronic	COR
R-4 Reserved					
R-5 Quality Control Plan	1.6.5	Provide final QCP NLT 10 Calendar days after full contract performance start date and within 30 Calendar days of any change	As required per remarks	Electronic	COR
R-6 Security Plan	1.9.2	Provide NLT 10 Calendar days after full contract performance start date and within 30 Calendar days of any change	As required per remarks	Electronic	COR
R-7 Fire and Safety Plan	1.12.1	Provide NLT 10 Calendar days after full contract performance start date and within 30 Calendar days of any change	As required per remarks	Electronic	COR
R-8 Property Control Plan and Inventory	4.2.3	Provide NLT 10 calendar days after full contract performance start date and within 30 calendar days of any change.	As required per remarks	Electronic	COR
R-9 List of Key Personnel	1.7.1	Provide list NLT 30 calendar days after Contract Phase-in starts, and provide updates NLT 5 calendar days after change.	As Required per remarks	Electronic	764 SCONS, COR
R-10 Program/Site Manager	1.7.1	Provide name and contact details of delegated Program/Site Project Manager when primary is unavailable	As Required	Electronic	764 SCONS, COR
R-11 Employee Data Entry/Access	1.9.3.2	Provide list NLT 30 calendar days after Contract Phase-in starts, and provide updates NLT 10 calendar days after	As Required	Electronic	COR
R-12 Appointment Letters/list (Primary & Alternate Points of Contact for	1.7.2.12; 1.12.2; 1.16; 3.2.4; 3.3.5; 4.1.1, 4.6	Provide appointment letters for all base agencies requiring primary/alternate POCs within 30 days after contract start date. Provide new letters with 10 calendar days of any changes. Maintain and provide list upon Gov't request.	As Required	Electronic	COR

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R-13 Employee Misconduct	1.7.2.5	Submit report stating individual and description of incident or misconduct the next workday after the telephone	Each Occurrence	Electronic	COR
R-14 GFE Replacement	5.2.1.1, 5.2.2.1	Submit request for replacement equipment for approval/purchase.	As Required	Electronic	COR
R-15 Reserved					
R-16 Annual GFP Inventory	5.2.1	Complete GFE Inventory at least 5 days prior to the expiration of the Phase in period and each subsequent performance period but not more than 15 days prior to the expiration of each period.	Annually	Electronic	COR
R-17 Lock	1.9.9.3	Submit changes within one working day of the change	As Required	In Writing	COR
R-18 Quality Control	4.3.2.1	Submit QC inspection reports to Gov't upon request	As Required	Electronic	COR
R-19 Monthly	2.7.8; 3.1.1	Submit MMP NLT COB of the 3rd duty day of	Monthly	Electronic	COR
R-20 Equipment	2.1.2	Submit checklists NLT 90 calendar days after Contract start date. Subsequent	As Required	Electronic (Hardcopy)	COR
R-21 GFP/GFE	4.2.3	Submit on all lost and damaged GFP/GFE NLT 2 working days after	As Required	Electronic	COR
R-22 Phase-Out Plan	1.15	Submit NLT 120 days prior to contract completion	As Required	Electronic	COR
R-23 Equipment Status	3.2.3; 3.2.5	Submit NLT 120 days after full contract performance start date	As Required	Electronic	COR
R-24 Deployment Trip	2.5.8	Submit within 5 work days of deployment completion.	As Required	Electronic	Det DO
R-25 Contractor	1.19	Submit NLT 31 October of each year	Annually	Electronic	http://www.ecmra.mil
R-26 Property Status	1.13.1	Submit within 45 days of end of fiscal year	Annually	Electronic	COR