

**DEPARTMENT OF THE AIR FORCE
Ogden Air Logistics Center (OO-ALC)
AFMC Hill AFB, UT 84056-5609**

**PERFORMANCE WORK STATEMENT
(PWS)**

REPAIR FOR:

**Input/Output Discrete Fail Logic Card
P/N: 7001644-49
NSN: 5998-01-618-2981WF**

Dated: July 7, 2023



1. SCOPE OF SERVICE	Page 4-5
1.1. Mission Essential Service	
1.2. Definitions and Acronyms	
2. DESCRIPTION OF SERVICE	Page 5-7
2.1. Inspection	
2.2. Corrosion Control and Treatment	
2.3. Environmental Stress Screening (ESS) Test	
2.4. Repairs	
2.5. Final Acceptance Test	
2.6. Shipping	
2.7. Warranty of Work	
2.8. Product Quality Discrepancy Report (PQDR)	
2.9. Mission Capability (MICAPs)	
2.10. Condemnation and Disposition	
2.11. Acceptance Test (AT)	
2.12. Over and Above (O&A)	
2.13. Deliverables	
2.14. No Fault Found (NFF)	
3. GOVERNMENT FURNISHED PROPERTY AND SERVICES	Page 7
3.1 Government Furnished Property	
3.2 Government Furnished Material	
3.3 Government Furnished Equipment	
4. SECURITY AND FOREIGN DISCLOSURE	Page 7
4.1. DD Form 254	
5. COUNTERFEIT ELECTRONIC PART DETECTION AND AVOIDANCE	Page 8-9
5.1. Applicability	
5.2. Definitions	
5.3. Parts Availability and Use of Parts Brokers	
5.4. Procurement Policies	
5.5. Risk Assessment	
5.6. Detection and Avoidance Responsibilities	
5.7. Testing and Verification	
5.8. Configuration Identification and Traceability	
5.9. Counterfeit Notification and Reporting	
5.10. Counterfeit Prevention Training	
5.11. Counterfeit Prevention Plan (CPP)	
6. ITEM UNIQUE IDENTIFICATION (IUID) MARKING <i>(IAW AFMCI 20-104 Para. 3.11)</i>	Page 9-10
7. CONTRACT DATA REQUIREMENTS LIST (CDRL)	Page 10-11
7.1. Commercial Asset Visibility Air Force (CAV AF) End Item Report	
7.2. Contract Depot Maintenance (CDM) Production Report	
7.3. Annual Government Property Physical Inventory Report	
7.4. Maintenance Data Collection Reporting	
7.5. Counterfeit Protection Plan (CPP)	

8. SERVICES DESCRIPTION SUMMARY (SDS)

Page 11-12

- 8.1. Defense Repair Information Logistics System (DRILS) (A004)
- 8.2. Product Quality Discrepancy Report (PDQR)
- 8.3. CAV AF (A001)

9. TECHNICAL ORDERS AND OTHER DIRECTIVES

Page 12-13

- 9.1. Applicable Non-Government Publications

PWS for the Repair of F-16 I/O Discrete Fail Logic Card

1. **SCOPE OF SERVICE:** The Performance Work Specification (PWS) establishes the requirement to test and repair the F-16 I/O Discrete Fail Logic Card to serviceable “A” condition. The repair of the item will consist of replacing unserviceable components in the I/O Discrete Fail Logic Card. The item parts shall be reassembled so as to furnish a completely rebuilt item. The repair processes used by the contractor shall bring service life back to the reconditioned I/O Discrete Fail Logic Card that would resemble the originally manufactured item. The contractor shall maintain test and repair records that include cost accounting records of all items serviced under the contract.

- 1.1. **MISSION ESSENTIAL SERVICE:** The F-16 I/O Discrete Fail Logic Card is considered a Mission Essential Service item. In the event that the DoD experiences an unplanned spike or sudden increase in demand, due to major theater warfare or a national emergency (also known as a surge), and invokes surge: The Contractor shall make every effort to meet and sustain this demand for quantity levels above and beyond normal peacetime requirements. After being notified of the surge demand in writing, the Contractor may see additional orders and/or will see the priority status elevated on current orders, in accordance with DFARS 252.217-7001.

1.2. DEFINITIONS AND ACRONYMS

ACRONYM OR PHRASE	DEFINITION
AT	Acceptance Test: The functional and operational tests performed on the end- item to ensure that all performance standards are satisfactorily met to restore the end-item to a serviceable condition.
BER	Beyond Economical Repair
CALIBRATION	A comparison between two instruments, one of which is a standard of higher accuracy, to detect and correlate or adjust any variation in the accuracy of the instrument or equipment item being compared or tested.
CAV AF	Commercial Asset Visibility Air Force. This is the end item production reporting system for contractor repairs and GFM transactions.
CCA	Circuit Card Assembly
CDRL	Contract Data Requirements List
CDM	Contract Depot Maintenance Production Report
CND	Can Not Duplicate
CO	Contracting Officer
COR	Contracting Officer Representative
CONDEMN	A normally repaired item which, due to the extent of required work process, has been deemed uneconomical to make serviceable.
COMPONENT	A normally repaired item which, due to the extent of required work process, has been deemed uneconomical to make serviceable.
DCMA	Defense Contract Management Agency
DD FORM 1348-1A	Department of Defense (DoD) form required to be created and attached on all government property being shipped from the contractor’s facility IAW DLM 4000.25-1 (ref most current amendment or replacement).
DISASSEMBLE	To remove the components that make up the end-item in accordance with disassembly instructions IAW OEM technical data.
DoD	Department of Defense
DRILS	Defense Repair Information Logistics System
ESS	Environmental Stress Screening
GFE	Government Furnished Equipment
GFP	Government Furnished Property: I/O Discrete Fail Logic Card
GFM	Government Furnished Material
IAW	In Accordance With

PWS for the Repair of F-16 I/O Discrete Fail Logic Card

ACRONYM OR PHRASE	DEFINITION
IID	Item Unique Identification – The program was an initiative incorporated by the Government to improve the tracking of assets during transit, operation, storage, and repair. This program was implemented to provide an easier means for the contractor and DoD to track unique assets through electronically scanning the asset tag which identifies the item.
MICAP	Mission Capability
NSN	National Stock Number
NFF	No Fault Found
OEM	Original Equipment Manufacturer- Honeywell Int. Inc.
O&A	Over and Above: Work discovered during the course of performing overhaul, maintenance, and repair efforts that is: Within the general scope of the contract, not covered by the line item(s) for the basic work under the contract and Necessary in order to satisfactorily complete the contract.
PQDR	Product Quality Discrepancy Report
PMS	Production Management Specialist: That individual who develops and prepares the Contract Maintenance Purchase Request (PR) package.
QAR	Quality Assurance Representative
RECOVERABLE	An unserviceable item that can have maintenance performed to restore it to a serviceable condition.
RTOK	Retest Okay
SDS	Services Description Summary
SERVICEABLE	Capable of meeting the requirements and performing the function for which it was designed or modified and meets all test requirements established by this work specification and the technical data cited in the PWS.
SOW	Statement of Work
SRU	Shop Replaceable Unit
UPDATE	To bring an end-item up to the latest acceptable government approved configuration without changing its original form, fit or functional capability.
USAF	United States Air Force
WR	“Work Request” means a document prepared by the Contractor which describes over and above work being proposed.

2. DESCRIPTION OF SERVICE: The contractor shall inspect, test, repair, update, reassemble, calibrate, and retest GFP IAW contractor’s technical data specifications to bring the asset to serviceable condition.

2.1. Inspection: An inspection for proper identity, completeness, and obvious damage shall be performed on each item upon its receipt at the contractor’s facility. Any deficiencies found as a result of the inspection shall be brought to the attention of the Equipment Specialist and Program Manager through the CO. The contractor shall accomplish a complete inspection of each GFP for the following: Loose, missing or damaged components, dents, punctures, bent pins, cracked, wrinkled or misalign conditions.

2.2. Corrosion Control and Treatment: Accomplish corrosion control and treatment as recommended, using methods and materials IAW SAE-AS12500 and MIL-STD-1568D as a reference or contractor internal guidelines.

2.3. Environmental Stress Screening (ESS) Test: The contractor shall conduct an ESS test when the same serial number returns to repair less than 12 months from previous repair date IAW ESD-TR20.20 and MIL-HDBK-344A.

PWS for the Repair of F-16 I/O Discrete Fail Logic Card

- 2.4. Repairs:** “Repair” includes repairing or replacing components and/or sub-assemblies to bring the GFP back to a serviceable condition. The reusable disassembled item components shall be used as replacement components for restoring the I/O Discrete Fail Logic Card to serviceable condition.
- a. Serviceable precision matched or mated component parts shall be handled in a manner to ensure their reinstallation as a matched sets.
- 2.5. Final Acceptance Test:** The contractor shall perform a final acceptance test and checkout to ensure the repaired GFP is serviceable prior to returning it to the Government. Upon satisfactory completion of final acceptance test the contractor shall use proper ESD procedures to prevent damage of electronic components, during handling and shipment. All completed work shall be subject to acceptance inspection by DCMA.
- 2.6. Shipping:** Reusable shipping containers, packaging, and crating material in which the asset is received shall be handled with care. Reusable containers shall be stored for reuse, and configuration of the containers shall not be altered. All assets will always be returned or shipped utilizing a DD 1348-1A unless otherwise directed by the Government. DD 1348-1A is the authorized shipping document, not a DD250, so that the item can be properly identified.
- 2.7. Warranty of Work:** Standard Protection Warranty
- 2.8. Product Quality Discrepancy Report (PQDR):** If a repaired asset received from the contractor is determined to be unserviceable upon installation, the Government will initiate a PQDR and return the asset back to the contractor. If DCMA and contractor determines the GFP is failing due to the repair effort accomplished by the contractor, the contractor will repair the GFP at no additional cost to the government. If the DCMA and contractor determine the GFP is failing for another issue, the contractor will notify the CO, Equipment Specialist and Program Manager and await disposition instructions. In addition, if GFP is returned for rework as a result of a PQDR more than 1 time in any 12 month period, the contractor shall conduct an ESS at no additional cost to the Government before returning the GFP to serviceable condition. The contractor shall coordinate actions with the CO and Government cognizant Engineer. Any tests that will be excluded as part of this effort will have prior written approval from the Government cognizant Engineer.
- 2.9. Mission Capability (MICAPs):** MICAPs will be identified to the contractor and work priorities will be set by direction of the Government to ensure “repair to demand” versus “batch repairing”. To meet this, the contractor will be allowed to move components among reparable end items to expedite repairs. However, this practice shall be limited as to not produce BER assets as a direct result.
- 2.10. Condemnation and Disposition:** The Contractor shall repair all items unless the Equipment Specialist through the PCO provides direction in writing that a particular item is excluded from these requirements. The Contractor shall report end items that have been determined to be Beyond Economical Repair (BER) in which the repair cost will exceed 75% of the latest cost amount and/or items found to be non-repairable due to obsolescence issues.

The Contractor shall report condemnation candidates to the PCO within thirty (30) calendar days of discovery. The PCO will send decision of agreement thirty (30) calendar days after receiving notification. The Contractor shall not condemn repairable or recoverable items without prior approval of Equipment Specialist through the PCO. The Contractor shall ensure non-repairable items are disposed of IAW the Contractor's Government-approved property procedures. The Government reserves the right to accept or reject the assessment by the Contractor that this decision will be completed thirty (30) days after notification. The disposition of condemned items will be determined on a case by case basis by the Equipment Specialist through the PCO. Items determined non-repairable due to obsolescence will be handled as Over and Above.

PWS for the Repair of F-16 I/O Discrete Fail Logic Card

- 2.11. Acceptance Test (AT):** GFP shall have an AT before and after repair. GFP that passes AT and determined to be serviceable will not be repaired and will be considered to meet CND/RTOK conditions. The contractor shall perform a final acceptance test on each repaired GFP before shipping back to the government, unless directed otherwise by the government Program manager through the CO.
- 2.12. Over and Above (O&A):** IAW DFARS PGI 217.77, negotiations shall be IAW DFARS Clause 252.217.7028. Request for consideration of O&A shall be made in writing utilizing procedures specifically identified below.
- a. Work Request (WRs): Is defined as a request detailing O&A work to be performed and the cost associated prior to beginning work that is not covered in the repair CLIN. WRs shall be conducted as follows: the Contractor shall identify any work that is required which would qualify as O&A IAW DFARS 252.217-7028. In the event that O&A work is identified, the Contractor shall prepare a WR.
 - b. Step 1- Contractor shall prepare a WR. Each WR shall include at a minimum the following: Contract Number/Order Number, description of the work to be completed that would bring the asset to serviceable condition, estimated additional cost and hours, justification for WR.
 - c. Step 2- Contractor shall send WR to Hill AFB Engineering, Program Manager, ACO, and PCO for review.
 - d. Step 3- Hill AFB Engineering and Program Manager shall review and provide a recommendation to the PCO. The PCO shall send final approval to the Contractor prior to O&A related work commencing.
- 2.13. Deliverables:** Deliverables applicable to this contract are cited in section 7 of this document.
- 2.14. No Fault Found:** NFF consists of an asset that retests okay (RTOK) or Cannot Duplicate (CND). Assets that pass initial test will use the No Fault Found Contract Line-Item Number (CLIN) for compensation of the handling and initial test effort and be shipped back to USAF.

3. GOVERNMENT FURNISHED PROPERTY AND SERVICES

- 3.1. GFP:** When GFP is in the possession of the contractor, the GFP shall be accounted for, tracked and stored in a secure area where they are protected and handled in such a manner against all damages, weather, and foreign matter. Further, the contractor shall secure the GFP to prevent any damages, pilferages, or loss while in the contractor's possession.

F-16 I/O Discrete Fail Logic Card
P/N: 7001644-49
NSN: 5998-01-618-2981WF

- 3.2. GFM: No GFM is applicable to this PWS.**
3.3. GFE: No GFE is applicable to this PWS.

4. SECURITY AND FOREIGN DISCLOSURE

- 4.1. DD Form 254:** Not Applicable

PWS for the Repair of F-16 I/O Discrete Fail Logic Card

- 5. COUNTERFEIT ELECTRONIC PART DETECTION AND AVOIDANCE:** Contractors and subcontractors that supply electronic parts or systems that contain electronic parts shall establish policies and procedures to avoid, detect, mitigate and disposition counterfeit electronic parts to prevent such parts from entering the USAF/DoD supply chain and provide the CPP to the government no later than 30 days after contract award. The contractor's policies and procedures shall be IAW AS5553 standard and DFARs clause 252.246-7008, Source of Electronic Parts. At a minimum, the CPP shall address:
- 5.1. Applicability:** The Contractor shall identify all Business locations and programs to which the CPP applies. The CPP shall address materials, hardware, electronic parts, and procured assemblies.
- 5.2. Definitions:** The Contractor shall utilize definitions per AS 5553 to ensure consistency. Any contractor-derived definitions must be included in an appropriate CPP appendix or annex. (Ref. AS5553, paragraph 3, 3.1, 3.2, 3.3, appendix H)
- 5.3. Parts Availability and Use of Parts Brokers:** The Contractor shall not procure materials, systems, assemblies, subassemblies or parts from parts Brokers when available from Original Manufacturers (OM) or their Authorized Distributors. In cases where materials, systems, assemblies, subassemblies or parts are no longer available from the OM or their Authorized Distributors, procurement from Brokers may be authorized as defined by the Contractor's policy and their CPP. (Ref. AS5553, paragraph 4.1.1, 4.1.2.e., appendix A)
- 5.4. Procurement Policies:** The Contractor shall provide and implement policy directing development and implementation of business practices and procedures, and processes to prevent procurement of Counterfeit materials and parts. The Contractor shall identify the appropriate office(s), business units, functional organizations, and programs, who shall have responsibility for development, maintenance and implementation of the CPP. The CPP shall identify the specific roles and responsibility for each. (Ref. AS5553, paragraph 4.1.2, 4.1.3, appendix B, C, D)
- 5.5. Risk Assessment:** The contract shall address the risk of using unknown sources and or unauthorized suppliers in the CPP. Application or technical risk assessments shall establish the effect that counterfeit parts may have on performance. Vendor or source of supply risk assessments shall establish the potential for obtaining counterfeit parts. Using any risk analysis tool acceptable to the Government, the Contractor shall conduct a risk assessment based upon item characteristics and how likely it is that a counterfeit part will be received. The contractor shall identify and describe in the CPP how parts are selected for assessment and what risk is acceptable based upon the parts design, construction, material and functional requirements. As a minimum, analysis shall be completed for flagging high risk items, such as items that are obsolete, discontinued, rare, etc. The contractor shall require completion of a trade study, documented within the CPP, which shall facilitate determining whether 100% testing of parts procured from after-market sources is more cost effective than qualification or requalification of a manufacturer. (Ref. AS5553, paragraph 4.1.2, 4.1.3, appendix B, C, D)
- 5.6. Detection and Avoidance Responsibilities:** The Contractor shall establish processes for the review and approval of contractor and applicable subcontractor systems for the detection and avoidance of counterfeit electronic parts and suspect counterfeit electronic parts, which processes shall be comparable to the processes established for contractor business systems under section 893 of the Ike Skelton National Defense Authorization Act for Fiscal Year 2011 (Public Law 111-383; 124 Stat. 4311; 10 U.S.C. 2302 note). The Contractor shall flow down such requirements and processes to their subcontractors per ODASD Memo titled "Overarching DoD Counterfeit Prevention Guidance", dated 16 March 2012. (Ref. AS5553, paragraph 4.1.4, 4.1.5, appendix E)

PWS for the Repair of F-16 I/O Discrete Fail Logic Card

- 5.7. Testing and Verification:** The Contractor shall establish and accomplish testing and verification processes for items not received from an original equipment manufacturer, original component manufacturer, or authorized distributor that are identified as having high risk for counterfeit potential. These processes apply to prime contracts, and to subcontracts or suppliers below the prime contracts. The Contractor shall provide a list of acceptable test facilities if the subcontractor or supplier does not have the capability to perform required testing. Submittal of Certificates of Compliance indicating the parts are not counterfeit shall be acceptable for verification of testing. (Ref. AS5553, paragraph 4.1.4, appendix E)
- 5.8. Configuration Identification and Traceability:** The Contractor shall identify and control the configurations of all systems, assemblies, subassemblies and parts, and enable mechanisms to provide traceability of parts. The Contractor shall report to the Government when control of the configurations of all systems, assemblies, subassemblies and parts, and mechanisms to provide traceability of parts are not possible. The Contractor shall identify the specific systems, assemblies, subassemblies and parts beyond the Contractors' control. The Contractor shall be responsible for detecting and avoiding the use or inclusion of counterfeit materials and parts, to include procured assemblies and subassemblies, in such products and shall be responsible for the rework or corrective action that may be required to resolve the use or inclusion of counterfeit materials and parts. The cost of counterfeit electronic parts and suspect counterfeit electronic parts and the cost of rework or corrective action that may be required to remedy the use or inclusion of such parts are not allowable costs under Department contracts, unless: a) the contractor has established a counterfeit avoidance/detection system approved by the DoD, b) the counterfeit parts were procured from a DoD-accredited trusted supplier or provided as government property, and c) the contractor has provide timely notification to the government. (Ref. AS5553, paragraph 4.1.6, appendix F)
- 5.9. Counterfeit Notification and Reporting:** The Contractor shall report in writing to the Procuring Activity within 30 days of determining any end item, component, part, or material contained in supplies purchased by the Department of Defense, or purchased by a contractor or subcontractor for delivery to, or on behalf of, the Department, contains counterfeit electronic parts or suspect counterfeit electronic parts for the purpose of investigation and notification of the Air Force Office of Special Investigations (AFOSI). The Procuring Contracting Officer (PCO) shall coordinate reporting to the appropriate Program Management/Item Management, System Engineering Management, the AFMC Discrepant Materiel Reporting Program (DMRP) Office in 406 SCMS/GULAB, and the AFOSI. Additionally, the Contractor shall within the same 30 day period ensure all suspected or confirmed counterfeit items are entered into the Government-Industry Data Exchange Program (GIDEP) system, which will serve as the DoD central reporting repository. (Ref. AS5553, paragraph 4.1.7, appendix G)
- 5.10. Counterfeit Prevention Training:** The Contractor shall provide appropriate training and shall require all personnel working procurement within their company, to include at a minimum their supply chain management specialists, receiving inspectors, and engineers, to complete said training. The Contractor shall determine the appropriate training required. Training may be developed in-house or may be other Industry accepted training. The CPP shall describe and list the training provided by the contractor to their personnel.
- 5.11. Counterfeit Prevention Plan (CPP):** A new plan development is not required. An existing corporate plan that meets the requirements within section 7, is acceptable for this repair contract. IAW CDRL B001.
- 6. ITEM UNIQUE IDENTIFICATION (IUID) MARKING (IAW AFMCI 20-104 PARAGRAPH 3.11)**
- 6.1.** The contractor shall replace damaged markings, identification, and decals. IUID markings are required for all end-items and subcomponents to the end-item IAW with contractor's technical order and the Government's technical orders and directives listed in Section 11.

PWS for the Repair of F-16 I/O Discrete Fail Logic Card

- 6.2. Each completed end-item will be permanently and legibly marked with the contractor's facility identification. This identification will display the name of the contractor facility, date of maintenance and contract number. This identification can be by decalcomania, rubber stamp, or stencil. When using rubber stamp or stencil, use permanent, waterproof ink or paint of contrasting color; also, end-item identification plates shall reflect the latest configuration/update, i.e., National Stock Number, Part Number as applicable.
- 6.3. For items that do not have an IUID marking specifications the contractor shall develop the marking specifications in accordance with the latest version of MIL-STD-130N.
- 6.4. IUID markings currently in place on items undergoing repair shall be protected from damage or removal during repair. Ensure 2-D matrix IUID markings are readable per TO 00-25-260. Should IUID marking berendered unreadable during repair, the contractor shall notify the CO for determination.
- 6.5. IUID markings which will be potentially destroyed during repair due to technical direction (i.e. paint removal, sand blasting, etc.) shall be recorded prior to maintenance action and replaced with the same UII as part of the repair action.
- 6.6. The contractor shall submit the required and applicable data for legacy items, if any to the DoD IUID Registry per the data submission procedures at http://www.acq.osd.mil/dpap/pdi/uid/data_submission_information.html.

7. CONTRACT DATA REQUIREMENTS LIST. (CDRL) Reporting and data requirements shall be provided in the Contract Data Requirements List (CDRL), DD Form 1423-1. The Contractor shall prepare and submit the following records, forms, or reports in support of this work effort.

- 7.1. **Commercial Asset Visibility Air Force (CAV AF) End Item Report:** Refer to the CAV Statement of Work for technical requirements/considerations, responsibilities, and reporting requirements of the CAV AF system IAW CDRL A001 and Data Item Description (DID) DI-MGMT-81838. Contractor is required to comply with all CAV AF requirements identified in the CDRLs and attachments to the contract. Additionally, upon completion of the repair, the contractor is required to print four copies of the DD1348-1A from CAVAF. One copy is to be placed inside the box with the returnable repair asset, one outside the box, provide one copy to DCMA and retain the 4th copy for the contractor's records. One copy is to be placed inside the box with the returnable repair asset and one outside the box.
 - a. DD form 1348-1A, Single Line item Release/Receipt Document. The Contractor shall use DD Form 1348-1A as the shipping document for shipment transactions of all end items. The DD Form 1348-1A will be initiated and printed in the CAV AF systems. If CAV AF is down, then a manual DD1348-1A may be utilized, updating CAV AF one business day after the system is back up. It is imperative that the contractor in completing the DD 1348-1A for each item received and for all outgoing shipments. Additionally, the contractor shall annotate the DD Form 1348-1A to include the contract number. This is in accordance with (IAW) DLM 4000325-1, directives listed in the contract, or can be as directed by the ACO, PCO, DCMA, PMS or CAV AF POC.
 - b. The purpose of CAVAF is to maintain asset visibility and accountability throughout the repair process, update asset condition and balance to Air Force Supply systems, reports financial and inventory imbalances, and feeds production and unit repair costs to the maintenance and budgeting systems. The contractor will report Supply and Maintenance transactions through the repair process from receipt to shipment.

PWS for the Repair of F-16 I/O Discrete Fail Logic Card

- 7.2. Contract Depot Maintenance (CDM) Production Report:** The Contractor shall report monthly by contract delivery order on all applicable categories, totals and on-hand balances, providing all listed DID requirements for each repair location, including Sub-Contractor facilities, if applicable, for the contracts maintenance occurrence action during the reporting period IAW CDRL A002 (DI-PSSS-81995).
- 7.3. Annual Government Property Physical Inventory Report:** The Contractor shall provide an Annual Government Property Physical Inventory Report IAW CDRL A003 (DI-MGMT-80441C).
- a. The Contractor shall conduct an annual 100% physical inventory over the course of a year's time of each NIIN as not to impede maintenance operations. Upon completion of all NIIN's 100% physical inventory, the contractor shall provide the AF Government inventory listing of the result of all AF Government Furnished Property (GFP) in the Contractor's possession.
- 7.4. Maintenance Data Collection Reporting:** Serial number tracking by the contractor is REQUIRED for all received assets. The contractor shall document all maintenance actions involving maintenance with the disassembly, cleaning, inspection, maintenance and replacement of repaired end-items. The contractor shall load Maintenance Data to the Defense Repair Information Logistics System (DRILS) IAW CDRL A004.
- 7.5. Counterfeit Protection Plan (CPP):** The contractor shall adhere to a counterfeit mitigation program. The contractor shall submit the Counterfeit Protection Plan to the government IAW CDRL B001. CPP is detailed in section 7.

8. SERVICES DESCRIPTION SUMMARY (SDS)

8.1 Defense Repair Information Logistics System (DRILS) (A004)

Performance Objective	Performance Threshold
The contractor will report Maintenance Data Collection information for all items worked.	Must maintain 100% completeness on all required documentation. IAW CDRL A004

8.2 Product Quality Discrepancy Report (PQDR)

Performance Objective	Performance Threshold
The contractor will perform Environmental Stress Screening (ESS) IAW para 4.3 The contractor must perform a test evaluation on items returned due to failures reported from the field units.	When ESS testing is required, the Contractor must maintain 100% accuracy rate in reporting all required discrepancy report documentation.

8.3 CAV AF (A001)

Performance Objective	Performance Threshold
The contractor will report Supply and Maintenance transactions through the repair process from receipt to shipment in CAV AF.	Must maintain 100% completeness on all required documentation. IAW CDRL A001

PWS for the Repair of F-16 I/O Discrete Fail Logic Card

The contractor must maintain and provide in a timely manner, an accurate CAV AF reporting.	Contractor input into CAV AF must be 100% accurate and on time. Errors must be corrected within 1 working day of discovery by Contractor or notification error.
--	---

9. TECHNICAL ORDERS AND OTHER DIRECTIVES

AFMCMAN 21-149	Contract Depot Maintenance (CDM) Program
AFMCI 20-104	Item Unique Identification (IUID) 17 Nov 2017
DODI 4245.15	Diminishing Manufacturing Sources and Materiel Shortages
DoDI 4140.1	Supply Chain Material Management Policy (Replacing DoD Directive 4140.1 Dec 2011)
DoDI 4140.67	DoD Counterfeit Prevention Policy (Apr 26 2013)
DoD 4160.28-M	Vol 1. Publication, Defense Demilitarization: Program Administration (Incorporated and cancelled DoD 4160.21-M-1 June 2011)
DoD 4100.39-M	Federal Logistics Information System (FLIS Manual)
DLM 4000.25.1	Military Standard Requisitioning and Issue Procedures (MILSTRIP) replacing DoD 4000.25-1-M Jun 2012
DLM 4000.25-2	Military Standard Transaction Reporting and Accountability Procedures (MILSTRAP) replacing DoD 4000.25-2-M Jun 2012
CAV AF Manual	Commercial Asset Visibility Air Force (Version 8.01 or higher)
MIL-HDBK-344	Environmental Stress Screening of Electronic Equipment
MIL-I-46058C	Insulating Compound, Electrical
MIL-HDBK-454	Requirements for Electronic Equipment
MIL-STD-130N	Identification Marking of U.S. Military Property
MIL-HDBK-12500	Corrosion Prevention and Deterioration Control of Electronic Components and Assemblies
ESD-TR20.20	ESD Association Technical Report for protection of Electrostatic Discharge Susceptible Items-Handbook for the Development of an Electrostatic Discharge Control Program for the Protection of Electronic Parts, Assemblies, and Equipment.
MIL-STD-1568	Materials and Processes for Corrosion Prevention and Control in Aerospace Systems
ANSI/ESD-S20.20-2014	The Development of an Electrostatic Discharge Control Program for Protection of Electrical and Electronic Parts, Assemblies and Equipment.
T.O. 00-5-1	AF Technical Order System
T.O. 00-5-2	AF Technical Order Distribution System
T.O. 1-1-689	Avionics Cleaning/Corrosion Manual
T.O. 1-1-691	Aircraft Weapon System Cleaning and Corrosion Control

PWS for the Repair of F-16 I/O Discrete Fail Logic Card

T.O. 33B-1-1	Non-Destructive Inspection Methods
T.O. 00-20-2	Maintenance Data Documentation
T.O. 00-25-260	Asset Marking and Tracking Item Unique Identification (IUID) Marking Procedures

9.1 Applicable Non-Government Publications

Technical orders/manuals, technical directives and other applicable publications required to accomplish the work effort, but not in possession of the contractor, shall be acquired as authorized and directed by the CO. Commercial publications can be substituted for technical orders and military standards if the contractor can substantiate to the cognizant engineering control authority that such publications will accomplish the same purpose.

NOTE: Primary source for military specifications and standards is:

DLA DOCUMENT SERVICES/QUICK SEARCH ASSIST
700 Robbins Ave
Bldg. 4, Sec D.
Philadelphia, PA 1911-5094
DSN: 442-6396
COMM: (215) 697-6396
WEB: <http://quicksearch.dla.mil/>