

**PERFORMANCE WORK STATEMENT  
(PWS)**

**For**

**POWER SUPPLY**

**NSN 6130-01-528-9874**

**P/N 04015000-10**

**PREPARATION DATE: 07/24/2019**

**FD2030-19-02781**

## Table of Contents

1. DESCRIPTION OF SERVICES/GENERAL INFORMATION .....	1
1.1. Purpose .....	2
1.2. General Information .....	2
1.3. Pre-Award Survey (PAS) Requirements .....	2
1.4. Initial Production Evaluation (IPE) Requirements.....	2
1.5. Reporting Requirements.....	3
1.6. Quality Program and Inspection System Requirements .....	3
1.7. Condemnation Candidates.....	4
1.8. Special Tools (ST) and Support Equipment (SE) .....	5
1.9. Precious Metals Recovery Program .....	6
1.10. Parts Control Program .....	6
1.11. Counterfeit Prevention Plan .....	7
1.12. Cannibalization of Parts .....	10
1.13. Lead (Pb) Free Electronics.....	10
1.14. Ozone Depleting Substances (ODS) .....	10
1.15. Technical Order Maintenance.....	11
1.16. Work Requirements .....	11
1.17. Surge/Mission Essential Services .....	14
1.18. Delivery Schedule.....	14
1.19. Customer Service Requirements.....	14
1.20. Safety and Health.....	15
2. SERVICE SUMMARY .....	16
2.1. Service Summary.....	16
3. GOVERNMENT PROPERTY .....	18
3.1. Government Property .....	18
3.2. Disposition of Government Property.....	18
3.3. Discrepancies Incident to Shipment: .....	18
3.4. Other .....	19
ATTACHMENT A – END ITEMS .....	20
ATTACHMENT B – DEFINITIONS.....	21
ATTACHMENT C – APPLICABLE DOCUMENTS.....	23

## **1. DESCRIPTION OF SERVICES/GENERAL INFORMATION**

### **1.1. Purpose**

1.1.1. The purpose of the Performance Work Statement (PWS) is to define the repair requirements for Power Supply specified in [Attachment A](#) of the PWS. The work encompasses the disassembly, cleaning, inspection, maintenance, reassembly, testing and finishing actions required to return the items to a serviceable condition. The contractor is responsible for having the repair capabilities to include appropriate technical data, repair documents, and license agreements, required to accomplish this repair. The Contractor is responsible for the scheduled delivery of a quality product.

1.1.2. Teardown, Test, Evaluate (TT&E), and Repair  
TT&E of the Power Supply prior to actual repair of the unit. Once the TT&E is complete, the Contractor will repair each unit. Repair and any over and above costs are included in the Firm Fixed Price on the contract.

1.1.3. Contractor Manpower Reporting:  
The contractor shall report ALL contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract for the USAF via a secure data collection site. The contractor is required to completely fill in all required data fields at <http://www.ecmra.mil>. Reporting inputs will be for 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 any time during the FY, all data shall be reported no later than 31 October\* of each calendar year. Contractors may direct questions to the CMRA help desk.

\*Reporting Period: Contractors are required to input data by 31 October of each year.

Uses and Safeguarding of Information: Information from the secure web site is considered to 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 will any data be released to the public with the contractor name and contract number associated with the data.

User Manuals: Data for Air Force service requirements must 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>.

### **1.2. General Information**

1.2.1. Contractor employees shall identify themselves as Contractor personnel by introducing themselves or being introduced as Contractor personnel and

displaying distinguishing badges or other visible identification for meetings with Government personnel. In addition, Contractor personnel shall appropriately identify themselves as Contractor employees in telephone conversations and in formal and informal written correspondence.

### **1.3. Pre-Award Survey (PAS) Requirements**

- 1.3.1. A Pre-Award Survey (PAS) shall be required, but may be waived by the Government at the time of award.
- 1.3.2. At the time of the PAS the prospective contractor shall meet the following technical requirements (additionally, there are many other business capabilities that may be evaluated) in accordance with contract requirements. Failure to do so shall result in PAS disapproval and disapproval of the prospective contractor for this procurement action.
  - a. Provide data to include contractor facility capabilities, all subcontractor facility capabilities (if subcontracting is proposed), and an explanation of how contractor and subcontractor facilities will fulfill the Government's requirements.
  - b. Prior to PAS, the prospective contractor shall provide a list of all special tooling and support equipment (ST/SE) required and comply with the requirements detailed in paragraph 1.8.
  - c. Prior to PAS, the prospective contractor shall provide a test plan for each end item to be produced. The test plan shall include all testing required by the applicable Acceptance Test Procedure and will detail how the testing will be accomplished utilizing the prospective contractor's SE.
  - d. The prospective contractor shall provide the above in the form of a word processing document or spreadsheet, formatted to Microsoft Office Programs via fax or email.

### **1.4. Initial Production Evaluation (IPE) Requirements**

- 1.4.1. IPE shall be required for all new sources of repair, but may be waived by the Government at the time of award.
- 1.4.2. The IPE will be conducted on one unit of each line item. The condition of the items at IPE will be as follows: one each assembled and ready for functional testing. The Contractor shall furnish a written notice to the Procuring Contract Officer (PCO) through the Administrative Contract Officer (ACO) within fifteen business days after the required quantity of end items are available for the IPE.
- 1.4.3. The PCO will notify the Contractor of the projected dates that the Government IPE Evaluation Team will arrive at the Contractor's facilities to conduct the IPE.

The Contractor shall permit entrance into its facilities to the Government's IPE Evaluation Team members. This includes access to Contractor telephones and other communication devices that will allow the Government IPE Evaluation Team members to consult with appropriate Government personnel in the accomplishment of the IPE evaluation.

- 1.4.4. Under no circumstances shall the Contractor accomplish repair on any other quantity of items on order or through any Induction-at-Risk / Early Induction contractual provisions, other than the IPE units that will be evaluated by the Government IPE Team members prior to the accomplishment of the IPE. Only after the approval of the IPE by the cognizant Engineer and / or Equipment Specialist (the Government IPE Evaluation Team Leader) shall the Contractor proceed with repair on the remaining items on order or items under Induction-at-Risk / Early Induction provisions. The Government's delivery schedule will be held in abeyance until approval of the IPE by the Government IPE Evaluation Team Leader.

## **1.5. Reporting Requirements**

- 1.5.1. The Contractor shall furnish Data requirements that are specified in the Contract Data Requirements List (CDRL DD Form 1423) found in Part 1, Section B, The Schedule of the Basic contract.
- 1.5.2. In addition, the Contractor shall maintain a document package, in the Contractor's format, containing the following documentation for each item produced for the contract period:
  - a. Quality Acceptance Documentation
  - b. Test Data Sheet
  - c. Quality Acceptance Review Documentation
  - d. Parts replaced listed by each serial numbered end item repaired

## **1.6. Quality Program and Inspection System Requirements**

- 1.6.1. The Contractor shall establish, document and maintain a quality system as a means of ensuring that the end item conforms to specified requirements. The quality system shall be in accordance with the contract requirements.
- 1.6.2. When a Deficiency Report is received for an end item repaired under the terms of this contract, the Contractor shall comply with the Administrative Contracting Officer's (ACO) directions. Guidance is provided in technical order (TO) 00-35D-54, USAF Deficiency Reporting, Investigation, and Resolution.
- 1.6.3. The Contractor shall support quality audits as required by the ACO. These audits could require that one or more end items be removed from the production line and subjected to any combination of inspection, testing, disassembly, or

assembly, to determine that the standards of performance and technical conformance meet the requirements of this PWS. The Contractor shall be required to correct a deficient process to eliminate the cause(s) of any defects as directed by the ACO before production of the next end item.

- 1.6.4. The Contractor shall allow quality assurance reviews to be conducted at the site of repair at the request of the Defense Contract Management Agency (DCMA) throughout the contract period.
- 1.6.5. The Contractor shall allow a quality acceptance review by the DCMA representative at the site of repair for each end item generated under the terms of this contract.
- 1.6.6. The Contractor shall submit requests for deviation / waiver to the Procurement Contracting Officer (PCO) through the ACO In Accordance With (IAW) 1.19.1.2. Work shall not be initiated on assemblies / components affected by deviation / waiver pending approval / disapproval. Requests shall include the contract number, NSN and P/N of end item and lowest part / assembly affected, effect on cost / price and delivery schedule, description of deviation / waiver, justification for deviation / waiver, and proposed corrective action taken.

#### **1.7. Condemnation Candidates**

- 1.7.1. The Contractor shall report end items determined to be Beyond Economical Repair (BER) in which the repair cost will exceed 75% of the latest cost amount. The Contractor shall report condemnation candidates to the PCO through the ACO within 30 calendar days of discovery. The Contractor shall not condemn repairable or recoverable items without prior approval of the PCO through the ACO. The Contractor shall ensure non-repairable items are demilitarized and disposed according to the Contractor-developed, Government-approved property procedures.
- 1.7.2. Contractor shall not continue repair of item exceeding BER until written approval is received from ACO/PCO.
- 1.7.3. As specified in the Contractor-developed, Government-approved property procedures, the disposition of condemned items will be determined on a case-by-case basis by the ACO.
- 1.7.4. On units approved to be condemned by the Government, the Contractor is authorized to retain serviceable parts salvaged from the condemned unit. The salvaged parts shall be retained by the Contractor for further use in repair of the same type end item. These parts will not be replenished when used up. The non-useable, scrapped parts shall be condemned IAW the Contractor-developed, Government-approved property procedures.

## **1.8. Special Tools (ST) and Support Equipment (SE)**

- 1.8.1. The SE required to accomplish the scope of work to be completed on end-items under this contract is listed in the TOs and repair procedures listed in [Attachment C](#) of this PWS or in OEM repair procedures. If the equipment specified in the TO repair procedures is not designated as Government furnished in this contract, the Contractor shall furnish identical or substitute SE from commercial sources.
- 1.8.2. If the Contractor intends to substitute SE, a list of the proposed substitute SE shall be provided to the PCO with the proposal for Government approval. The Contractor shall demonstrate that substitute SE can be acquired and meets the standards stipulated in the technical data by the following actions:
  - 1.8.2.1. Displaying drawings, schematics, or specifications which illustrate that the Contractor understands the exact nature of the work to be performed and the SE required to perform the tasks.
  - 1.8.2.2. Explaining the capabilities of substitute SE to ensure that it is adequate to perform the specified testing requirements.
  - 1.8.2.3. Defining how substitute SE will be designed, built, and calibrated without assistance from the Government, by an internal engineering capability, or the services of a recognized outside engineering agency as approved by the cognizant engineering activity.
- 1.8.3. The equipment shall be in possession of the contractor prior to the IPE team visit.
- 1.8.4. The Contractor shall show certification documents of all calibrated SE to the ACO prior to work performed as outlined in the PWS.
- 1.8.5. Support Equipment Calibration Requirements. The Contractor shall ensure documentation certifying the accuracy of all calibrated SE is made available to the ACO prior to work performed. The Contractor shall ensure SE calibration is maintained throughout performance of this contract. Upon request, the Contractor shall provide certification documents (DI-QCIC-80798B) to the ACO for each SE item as follows:
  - a. SE part number and serial number
  - b. Date calibrated
  - c. Calibration due date
  - d. Calibration source
  - e. Calibration procedure used
  - f. Before and after calibration data
  - g. Facsimile of the current stamped calibration sticker affixed to SE item

- h. Verification of full performance compliance IAW this PWS for SE items not requiring calibration.
- i. Traceability to the National Institute of Standards and Technology

#### **1.9. Precious Metals Recovery Program**

- 1.9.1. The handling and control of precious metals shall be IAW AFI23-101, Air Force Material Management.

#### **1.10. Parts Control Program**

- 1.10.1. The Contractor shall establish, document, and maintain a parts control program for the work associated with this PWS.
- 1.10.2. The Contractor shall establish the Parts Control Program for an end-item from the applicable Illustrated Parts Breakdown (IPB) TO or Government Engineer Approved OEM parts list.
- 1.10.3. Approval from the PCO is required for the Contractor to use any parts not contained in the IPB. The Contractor shall maintain configuration of items worked under the scope of this contract as identified in the applicable end-item or system IPB TO. The Contractor shall notify the PCO via fax or e-mail of any configuration discrepancies noted between the applicable IPB, the engineering drawings, and the current configuration of the end-item. The Contractor shall obtain written authorization from cognizant engineering activity via the PCO for deviations from the IPB prior to implementation.
- 1.10.4. The IPB shall serve as the current baseline for an end item or system.
- 1.10.5. The contractor shall only use replacement parts purchased directly from the end-item OEM or purchased from DLA. In the event that parts are not available from either of these two sources for a pending repair operation, the contractor shall receive written authorization from the cognizant engineering activity via the PCO for any deviations from the aforementioned sources. In the instance that surplus components are available, the cognizant engineering activity reserves the right to approve or disapprove the material. Written authorization for its usage shall be obtained from the cognizant engineering activity via the PCO.
- 1.10.6. The Contractor shall keep records to allow traceability of the sourcing of replacement parts for each end item repaired and shall be furnished for inspection upon Government request.

#### **1.11. Counterfeit Prevention Plan**



1.11.1. Counterfeit Prevention Plan (CPP). Contractors 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. These policies and procedures shall be documented in a CPP for submission and approval in accordance with Data Item Description (DID) (DI-MISC-81832 and CDRL A005) and accomplished for all specified contract items. DI-MISC-81832 is applicable to Parts, Material and Processes Selection (PMPS) associated with delivery of systems and assemblies to the USAF and DoD. The requirements established by DI-MISC-81832 also apply to electronics components procured in sustainment of such systems and assemblies. The requirements of the recently DoD-adopted SAE 5553, Aerospace Standard, Counterfeit Electronics Parts; Avoidance, Detection, Mitigation, and Disposition shall also apply.

1.11.2. At a minimum, the CPP shall address:

1.11.2.1. 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.

1.11.2.2. 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)

1.11.2.3. 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)

1.11.2.4. 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)

1.11.2.5. 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, that 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)

- 1.11.2.6. 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)
- 1.11.2.7. 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)
- 1.11.2.8. 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)

- 1.11.2.9. Counterfeit Notification and Reporting. The Contractor shall report in writing to the Procuring Activity within 30 calendar 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)
- 1.11.2.10. 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.

### **1.12. Cannibalization of Parts**

1.12.1. The Contractor shall request authorization from the PCO to cannibalize subassemblies or parts between inducted unserviceable assets in order to expedite repair when a particular repair is constrained for lack of materials that are not, and will not be immediately available. Cannibalization requests will be subject to the review and approval of the cognizant engineering activity. Such cannibalization actions will only be considered upon exhaustion of all other sources of materials. The Contractor shall not initiate any cannibalization action unless such action will satisfy all material requirements for the item in question. The Contractor shall not remove any piece parts from serviceable units. The Contractor shall replace, at the Contractor's expense, all cannibalized subassemblies with repaired or new subassemblies and replace all cannibalized parts with new parts. The Contractor shall ensure the contract delivery schedule is not negatively affected by the removal of any subassemblies or parts from any inducted end item.

### **1.13. Lead (Pb) Free Electronics**

1.13.1. The use of lead (Pb) free solder and/or components/assemblies in the repair of the subject items is considered a potential safety risk and is therefore discouraged. The contractor shall provide case-by-case notifications to the cognizant engineering activity via the PCO if lead (Pb) free solder and/or components/assemblies must be considered, and will assist the cognizant engineering activity in assessing the risk associated with the use of such materials. The contractor shall obtain approval from the PCO before proceeding.

1.13.2. When approved lead (Pb) free solder and/or components/assemblies are used in the repair of the subject items, the contractor shall ensure the affected items are marked in accordance with IPC J-STD-609, *"Marking, Symbols and Labels of Leaded and Lead-Free Terminal Finish Materials Used in Electronic Assembly."*

### **1.14. Ozone Depleting Substances (ODS)**

1.14.1. This PWS is not requiring the use of a Class 1 ozone depleting substance (ODS) in the performance of the contract. The Contractor is authorized to use a suitable substitute for any Class 1 ODS which may be required by the specifications or Technical Data of this PWS. The Contractor shall immediately identify the substitute by written notification to the PCO.

### **1.15. Technical Order Maintenance**

1.15.1. The Contractor shall maintain all TOs and other technical directives applicable to the work requirements in an updated and current status according to TO 00-5-1, Technical Order System, and TO 00-5-3, Technical Order Life Cycle Management. The Contractor shall evaluate the impact of a TO change on costs, schedules, and any other pertinent factors. A written evaluation, along with specific backup data for those changes which impact the Contractor's performance, shall be provided to the PCO within 10 business days after receipt of updated TO and directives. The Contractor shall not incorporate these technical order changes until approved by the PCO.

## **1.16. Work Requirements**

1.16.1. The Contractor shall repair the items specified in [Attachment A](#) of this PWS. The work encompasses the disassembly, cleaning, inspection, maintenance, reassembly, ATP troubleshooting and testing and to finishing actions required to return the items to a serviceable condition. The work shall be accomplished IAW documents as specified in [Attachment C](#). In the event that a situation develops where the instructions conflict with the pertinent manual, this PWS shall take precedence. Additional TOs, directives and other publications listed in [Attachment C](#) will be used as guidance to support the repair stipulated in this PWS.

1.16.2. The Contractor shall replace any component parts that do not meet specified inspection requirements, or if there is any doubt as to its serviceability or longevity at the Contractor's expense. This includes any part requiring replacement due to catastrophic failure, fatigue failure, or normal deterioration. The Contractor is advised to include the cost of replacing a percentage of each recoverable part in their repair cost proposal.

1.16.2.1. If the Contractor is not a Government Engineer approved source of repair for a recoverable part, this part shall be replaced with a new part per paragraph 1.10.5 or repaired by a Government Engineer approved source. The Contractor may propose their repair procedure along with substantiating documents for evaluation and possible approval for repair of the recoverable part. The Contractor shall submit the request for evaluation to the cognizant engineering office through the PCO for approval. The Government will not be responsible for any costs associated with development of any repair procedures unless it has been negotiated and approved by the PCO.

1.16.3. Over and Above will be considered for missing components or for work not covered by the line items for the basic work under the contract but within the general scope of the contract. Identification of missing part(s) must be revealed within 2 business days after induction for repair and reported to the PCO through the ACO in the form of a Supply Discrepancy Report using SF 364. The

Contractor shall obtain approval from the PCO prior to performing over and above.

1.16.4. End Item Identification and Marking:

1.16.4.1. Permanently and legibly mark each repaired end item with the Contractor's identification. This identification shall include the Contractor's CAGE and the date of repair. The identification shall be permanently affixed to the end item by stamp, stencil, or similar means.

1.16.4.2. Item Unique Identification (IUID) will be added to the end item in accordance with the following:

- a. Specification requirements for IUID marking will be contained in the applicable repair technical order, Specific Work Requirements appendix, approved engineering drawing, or a Government provided Engineering Order (EO) (AF Forms 3925, 3926 and 3927) as applicable.
- b. IUID markings are required for the end-item only. IUID for subcomponents is only required if specifically identified in the applicable repair technical order, Specific Work Requirements appendix, approved engineering drawing, or a Government provided EO.
- c. For items that do not have IUID marking specifications as stated in paragraph b., the Contractor shall develop the marking specifications in accordance with the current revision of MIL-STD-130. Location and marking method shall be approved by 424 SCMS engineering before implementation. If the Contractor cannot meet the terms and conditions in the contract for IUID, the Contractor will contact the PCO/ACO for determination.
- d. IUID markings currently in place on items undergoing repair shall be protected from damage or removal during repair. Verify 2-D matrix IUID markings are readable per TO 00-25-260-WA-1. Should IUID marking be rendered unreadable during repair, the Contractor shall notify 424 SCMS engineering and the PCO/ACO for determination of how to replace the IUID mark.
- e. The Contractor shall submit the required and applicable contingent data for Legacy items to the IUID Registry per the data submission procedures at [http://www.acq.osd.mil/dpap/pdi/uid/data\\_submission\\_information.html](http://www.acq.osd.mil/dpap/pdi/uid/data_submission_information.html).

- f. The Contractor shall submit IUID data for new manufactured items that require IUID based on the DFARS clause 252.211-7003, Item Identification and Valuation, as prescribed in DFARS Subpart 211.274

1.16.5. Quality Acceptance and Processing:

- 1.16.5.1. The Contractor shall support quality acceptance inspections of each end item and shall be performed prior to packaging and transportation. Quality acceptance will be performed by DCMA at the repair site. Quality acceptance documentation for each end-item shall be maintained by the Contractor as part of the item document package.
- 1.16.5.2. Each end-item identified as serviceable shall be delivered to the Government defect free.
- 1.16.5.3. Following quality acceptance by the DCMA, the Contractor shall notify the Production Management Specialist (PMS) via email or fax of the completion of repaired end-items. The PMS will provide ship-to addresses/instructions to the Contractor via email or fax for each item produced. Within one business day of shipment, the Contractor shall provide proof of shipment through delivery of an accepted WAWF Receiving Report to the PMS. The Receiving Report shall include the carrier and tracking number.

1.16.6. Shipping Documentation:

- 1.16.6.1. The Contractor shall insure that the appropriate tag is attached to each serviceable end-item generated.
  - a. Serviceable tag is DD Form 1574/1574-1 (Yellow).
  - b. Unserviceable (repairable) tag is DD Form 1577-2/1577-3 (Green).
  - c. Unserviceable (condemned) tag is DD Form 1577/1577-1 (Red).
- 1.16.6.2. Shipments under this contract shall be by Commercial Bill of Lading (CBL) by the fastest traceable means.
- 1.16.6.3. The Contractor shall reimburse the Government for packaging and shipping costs for items returned to the contractor for correction of quality deficiencies.

**1.17. Surge/Mission Essential Services**

- 1.17.1. In the event that the Department of Defense (DoD) experiences an unplanned spike or sudden increase in demand, due to major theater warfare or a national emergency (also known as surge), and invokes surge, the Contractor shall work to meet and sustain this demand for quantity levels above and beyond normal peacetime requirements. After being notified by the PCO of the surge demand in writing, the Contractor may see additional orders and/or will see the priority status elevated on current orders. The Contractor shall implement their procedures to support the surge demand.
- 1.17.2. The Contractor shall notify the PCO advance and be given the opportunity to negotiate any expedite charges that might apply at the time of surge. Contractual requirements for production of this contract are addressed in Part I of basic contract. The schedule and surge requirements shall be on a best-effort basis.
- 1.17.3. The Contractor shall prepare for the continuation of essential DoD services during crisis IAW Defense Federal Acquisition Regulation Supplement (DFARS) 252.237.7023. The contractor shall establish and provide a written plan to ensure continued support during a crisis. The plan shall be submitted with the contractor's proposal.

#### **1.18. Delivery Schedule**

- 1.18.1. The Contractor shall meet the contractual delivery schedule.

#### **1.19. Customer Service Requirements**

- 1.19.1. Information Requests: All requests for information initiated by the Government or Contractor shall be in writing and submitted electronically via e-mail or fax. The Contractor shall ensure responses to requests for information and data are only provided to customers authorized by the PCO in the performance of official duties. All requests between the Government and the Contractor shall go through the Procuring Contracting Officer (PCO). Exceptions are found in 1.19.1.2.
  - 1.19.1.1. Information requests shall contain a subject line, nature of the request and an expected/requested response date and time. The request must be identified as "EMERGENCY", "URGENT" or "ROUTINE" IAW paragraph 1.19.1.2 of this PWS so that a response is provided within the specified timeframes. A log will be maintained by the PCO or an appointed Government Representative. The log will be used to track all requests and evaluate response times.
  - 1.19.1.2. Contractor requests for engineering and/or technical related problems or issues shall be submitted on an AFMC Form 202, Nonconforming Technical Assistance Request and Reply. All AFMC Form 202s shall be



sent directly to 424 SCMS Cognizant Engineer with an information copy to the ACO and PCO.

1.19.2. Response Times for Information Requests: All requests for information initiated by the Government or Contractor shall be in writing and submitted electronically via e-mail or fax. Requests for information shall be answered within the following timeframes:

- a. Emergency and Work-Stoppage- Respond within two (2) business days.
- b. Urgent- Respond within five (5) business days.
- c. Routine- Respond within ten (10) business days.

## **1.20. Safety and Health**

1.20.1. While performing work under this contract the contractor shall comply with all applicable federal, state and local regulations regarding occupational safety and health. The contractor shall notify the Contracting Officer (CO), within eight (8) hours of any damage to government property where the dollar value exceeds \$500,000.00 and within two business days, for any damage to government property less than \$500,000.00 during the execution of the contract. Mishap notifications shall contain, as a minimum, the following information:

- a. Contract, Contract Number, Name and Title of Person(s) Reporting
- b. Date, Time and exact location of accident/incident
- c. Brief Narrative of accident/incident (Events leading to accident/incident)
- d. Cause of accident/incident, if known
- e. Estimated cost of accident/incident (material and labor to repair/replace)
- f. Nomenclature of equipment and personnel involved in accident/incident
- g. Corrective actions (taken or proposed)
- h. Other pertinent information

If requested by the designated CO, the contractor shall immediately secure the mishap scene/damaged property and impound pertinent maintenance and training records, until released by the Procuring Safety Office. Contractors will not dispose of contract data related to a mishap until notified to do so by the CO.

## **2. SERVICE SUMMARY**

### **2.1. Service Summary**

- 2.1.1. Contractor performance shall be measured and assessed, using the Performance Requirements listed in Table 2-1. The Contractor service requirements are summarized into performance requirements that relate directly to the mission essential items. The performance threshold requirements describe the minimum acceptable levels of service for each requirement. In the event the performance requirement is not met, the Contractor shall be given time after notification to correct the unacceptable performance, if such correction is possible. The Contractor shall immediately take corrective action in accordance with the performance threshold(s). In cases where the Contractor fails to implement corrective action, the PCO will take appropriate measures.
- 2.1.2. Service Summary (SS) Requirements: The Contractor shall ensure the performance and threshold requirements are achieved as identified in Table 2-1.
- 2.1.3. Surveillance Methods: The PMS, DCMA Quality Assurance Representatives (QAR) and PCO will exercise surveillance over the performance requirements. The absence of any contract requirement from the SS shall not detract from this enforceability nor limit the rights or remedies of the Government under any other provision of the contract. The Contractor shall support the PMS, DCMA QAR, and PCO surveillance methods as identified below:
  - a. 100 Percent Inspection of Output
  - b. Customer Observation or Complaint.
- 2.1.3.1. The Government will use the methods contained in the Quality Assurance Surveillance Plan (QASP) to evaluate the Contractor's performance for the listed program objectives. The PMS, DCMA QAR, and/or PCO will monitor Contractor performance to determine if it meets the contract thresholds as set forth in the performance measures and this PWS.

## 2.1 SERVICE SUMMARY TABLE

Performance Requirements	PWS Para	Performance Threshold Requirements
<b>SS-1.</b> All requests for information initiated by the Government or Contractor shall be in writing and submitted electronically via e-mail or fax.	1.19.1	Emergency and Work Stoppage Requests – respond within 2 business days Urgent Requests – respond within 5 business days Routine Requests – respond within 10 business days
<b>SS-2.</b> Each end-item identified as serviceable shall be delivered to the Government defect free.	1.16.5.2	100% of all end items shall perform without defect for one year of repair
<b>SS-3.</b> Furnish Data requirements that are specified in the Contract Data Requirements List (CDRL DD Form 1423)	1.5.1	100% inspection of data input in CAV AF (Commercial Asset Visibility Air Force) and review of furnished reports.
<b>SS-4.</b> The Contractor shall meet the contractual delivery schedule.	1.18.1	100% of all end items are returned to the Government IAW the delivery schedule.

2.1.4. Contractor Performance Evaluation: The Contractor shall understand that the evaluation of performance will occur when the PMS evaluates the service of the Contractor to determine whether or not it meets the performance measures of the contract.

- a. SS-1 through SS-4: The Contractor's failure to meet the requirement for this item shall result in the possibility of an unsatisfactory or marginal under the Contractor Performance Assessment Review (CPAR).

### **3. GOVERNMENT PROPERTY**

#### **3.1. Government Property**

- 3.1.1. The Contractor shall furnish all material, support equipment, tools, test equipment, and services except as listed below. No Government Furnished Property will be provided other than the units to be repaired. Government Furnished Material will not be provided.

#### **3.2. Disposition of Government Property**

- 3.2.1. These instructions apply to all Government owned property. Within 90 calendar days prior to contract expiration, the Contractor shall submit a letter to the PCO requesting disposition instructions in the transfer of Government furnished property (GFP). A listing identifying GFP shall include the NSN, part number/CAGE, noun, quantity, condition code, and dollar value, and the list shall be submitted through the PCO to the PMS for disposition instructions.
- 3.2.2. If a follow-on contract is being awarded or, is in the negotiation or solicitation stage, the existing GFP may be retained to the extent required to phase support on the current contract and/or the follow-on contract.
- 3.2.3. The Contractor shall comply with preservation, packaging, and packing instruction as specified in the basic contract and/or on the AFMC Form 158 (Packaging Requirements).
- 3.2.4. The Contractor shall comply with the Transportation Data on the DD Form 1653 and Transportation Appropriations Form when returning government property.

#### **3.3. Discrepancies Incident to Shipment:**

- 3.3.1. Discrepancies incident to shipment include misidentified items, variations in quantity, non-requisitioned items, lost or damaged parcel post, and items in dubious condition. These discrepancies shall be reported and resolved using the DoD web-based application WebSDR link is <https://www2.transactionservices.dla.mil/websdr/home.asp> This system of reporting a Supply Discrepancy Report (SDR), formerly called Report of Discrepancy (ROD), has been developed in compliance with DoD regulations 4140.1-R and 4000.25-M Volume 2, which requires automated SDR processing. In those situations where the SDR initiator is unable to gain access to the AF WebSDR, continued use of manual forms is permitted. A copy of the form will be forwarded through the CAO and Quality Assurance (QA) activity for corrective action.
- 3.3.2. Transportation discrepancies and item transaction discrepancies shall be coordinated with the DCMA Property Administrator and ACO within 2 business days upon discovery for corrective action utilizing the AF WebSDR submittal.

- 3.3.3. The Contractor shall process a SDR (SF Form 364) for contract line items received with missing components (Missing On Induction, (MOI)) within 2 business days upon discovery in accordance with AFJMAN 23-215. An electronic copy of MOI SDR form shall be submitted to the ACO and PCO within 2 business days of discovery.
- 3.3.4. Misdirected shipments of GFP shall be reported by written notification to the Property Administrator (PA) within 2 business days. The PA will issue disposition instructions for the misdirected items. Misdirected items received by the Contractor which are not part of this contract will not be receipted into CAV AF.

#### **3.4. Other**

- 3.4.1. The Contractor shall not obtain GFP through the utilization of requisition codes assigned exclusively to this contract for any other contracts.
- 3.4.2. The Contractor shall not transfer or use GFP charged to this contract to any other contract, Contractor, or activity without the advance approval of the PMS through the PCO.
- 3.4.3. The Contractor shall replace GFP that has been removed by the USAF to fulfill other more urgent requirements. If any item so removed by the government is still required to complete the contract, the Contractor shall take appropriate action to replace the removed item.

**ATTACHMENT A – END ITEMS**

END ITEM  
RECEIVED AS

END ITEM  
TO BE DELIVERED AS

END ITEM NO	NATIONAL STOCK NO(S)	PART NO(S)	NATIONAL STOCK NO(S)	PARTS NO(S)
1	6130-01-528-9874	04015000-10	6130-01-528-9874	04015000-10
2				
3				
4				
5				
6				

## ATTACHMENT B – DEFINITIONS

The following definitions are applicable to this PWS:

- a) End Item: An end item is a complete piece of Government equipment as listed in Government supply catalogs and suitable for government storage and issue.
- b) Initial Production Evaluation (IPE): An IPE is a planned Government review of early production items and processes to evaluate a Contractor's capability to complete the work stipulated in the contract and in accordance with (IAW) the technical order (TO), and other guidance stipulated in this PWS.
- c) Cannibalization: Authorized removals of a specific assembly, subassembly, or part from one weapon system, system, support system, or equipment end-item for installation on another end-item to meet priority mission requirements with an obligation to replace the removed item.
- d) Administrative Contracting Officer (ACO): A contracting officer assigned the responsibility for the post award functions related to the administration of a government contract in the field. The ACO is normally located in the Defense Contract Management Agency (DCMA) office. The ACO is responsible for ensuring the Contractor performs in accordance with the terms of the contract.
- e) Procurement Contracting Officer (PCO): The individual authorized to enter into contracts for supplies and services on behalf of the Government by formal advertising or negotiation and who is responsible for overall procurement of the contract.
- f) Technical Order (TO): An Air Force publication that gives specific technical directives and information with respect to the inspection, storage, operation, modification, and maintenance of given items and equipment.
- g) Support Equipment (SE): All equipment called out in applicable technical orders required for end item and component test, repair, and / or modification.
- h) Serviceable: Capable of meeting the requirements and performing the function for which designed or modified, and meets all test requirements established by the technical order and PWS.
- i) Repair: An end item repair is the action taken to return the end item to a serviceable condition by replacing all exposed consumable items and only the damaged recoverable parts that do not meet the TO inspection criteria. Repair consists of end item testing to determine deficiencies, disassembly as required to support maintenance actions required, thorough cleaning, refurbishment or replacement of all disturbed components not meeting inspection criteria, replacement of all soft parts (seal, gaskets, etc.) exposed during repair, re-assembly of assemblies and subassemblies, performance of all adjustments and alignments, test and calibration of subassemblies and end-items and

final inspection (e.g., safety wiring, painting, affixing of decals) IAW the applicable TOs and approved test documents to restore the end item to a serviceable condition.

- j) Defect: Any nonconformance of a characteristic with specified requirements.
- k) Product Quality Deficiency: A defect or nonconforming condition. Included are deficiencies in design, specification, material, manufacturing, and workmanship.
- l) Product Quality Deficiency Report: The SF 368 form or format used to record and transmit product quality deficiency data.
- m) Consumable Part: Piece parts that are replaced 100% at each repair event
- n) Recoverable Part: Parts that are not replaced at every repair event.
- o) Teardown, Test, and Evaluate: An end item is tested for failures, disassembled to lower levels and tested. An evaluation is performed and a report is provided of efforts needed to return unit serviceable.



## ATTACHMENT C – APPLICABLE DOCUMENTS

### USAF Technical Orders

TO NUMBER	DATE	TITLE
00-5-1, Chapters 1-3	On- line version is considered most up-to- date	AF Technical Order System  <a href="http://www.tinker.af.mil/technicalorders/index.asp">http://www.tinker.af.mil/technicalorders/index.asp</a>
00-5-3 Chapters 1-4	On- line version is considered most up-to- date	Technical Order Life Cycle Management  <a href="http://www.tinker.af.mil/technicalorders/index.asp">http://www.tinker.af.mil/technicalorders/index.asp</a>
00-35D-54 Chapters 1-4	On- line version is considered most up-to- date	USAF Material Deficiency Reporting and Investigating System  <a href="http://www.tinker.af.mil/technicalorders/index.asp">http://www.tinker.af.mil/technicalorders/index.asp</a>
00-25-260-WA-1	On- line version is considered most up-to- date	Asset Marking and Tracking Item Unique Identification (IUID) Marking Procedures  <a href="http://www.robins.af.mil/library/technicalorders.asp">http://www.robins.af.mil/library/technicalorders.asp</a>
31P5-2MPN14-22	On- line version is considered most up-to- date	Maintenance Instructions Landing Control Central  <a href="http://www.tinker.af.mil/technicalorders/index.asp">http://www.tinker.af.mil/technicalorders/index.asp</a>
31P5-2MPN14- 22CL-1	On- line version is considered most up-to- date	Checklist Landing Control Central  <a href="http://www.tinker.af.mil/technicalorders/index.asp">http://www.tinker.af.mil/technicalorders/index.asp</a>
31P5-2MPN14-23	On- line version is considered most up-to- date	Circuit Diagrams Landing Control Central  <a href="http://www.tinker.af.mil/technicalorders/index.asp">http://www.tinker.af.mil/technicalorders/index.asp</a>
31P5-2MPN14-24	On- line version is considered most up-to- date	Illustrated Parts Breakdown Landing Control Central  <a href="http://www.tinker.af.mil/technicalorders/index.asp">http://www.tinker.af.mil/technicalorders/index.asp</a>

## Military Specifications, Standards, Handbooks, and Government Standards

NUMBER	DATE	TITLE
MIL-STD-130N	16 Nov 2012	Identification Marking of U.S. Military Property

## Forms

FORM NUMBER	DATE	FORM TITLE
SF 364	Feb 1980	Report of Discrepancy (ROD)
SF 368	Jun 2007	Product Quality Deficiency Report (PQDR)
AFMC 158	Apr 2003	Packaging Requirements
AF 3925	Jan 2004	Engineering Order <a href="http://www.e-publishing.af.mil/shared/media/epubs/AF3925.XFD">http://www.e-publishing.af.mil/shared/media/epubs/AF3925.XFD</a>
AF 3926	Jan 2004	Engineering Order (Continuation Sheet) <a href="http://www.e-publishing.af.mil/shared/media/epubs/AF3926.XFD">http://www.e-publishing.af.mil/shared/media/epubs/AF3926.XFD</a>
AF 3927	Jan 2004	Engineering Order, Parts List Changes <a href="http://www.e-publishing.af.mil/shared/media/epubs/AF3927.XFD">http://www.e-publishing.af.mil/shared/media/epubs/AF3927.XFD</a>
AFMC 202	Mar 2006	Non Conforming Technical Assistance Request and Reply
AFMC 807	Apr 2008	Recommended Quality Assurance Provisions and Special Inspection Requirements
DD1574	Oct 1988	Serviceable Tag - Material
DD1574-1	Oct 1966	Serviceable Label - Material
DD1577	Oct 1966	Unserviceable (Condemned) Tag - Materiel
DD1577-1	Oct 1966	Unserviceable (Condemned) Label - Materiel
DD1577-2	Oct 1966	Unserviceable (Repairable) Tag - Materiel
DD1577-3	Oct 1966	Unserviceable (Repairable) Label - Materiel
DD1653	Apr 1999	Transportation Data for Solicitations

## Other Publications for Information Purposes Only

*Note: These publications are for information purposes only.*

## Air Force Manuals and Instructions

NUMBERS	DATE	TITLE
AFI23-101	On- line version is considered most up-to-date	Air Force Material Management <a href="http://static.e-publishing.af.mil/production/1/af_a4_7/publication/afi23-101/afi23-101.pdf">http://static.e-publishing.af.mil/production/1/af_a4_7/publication/afi23-101/afi23-101.pdf</a>

NUMBERS	DATE	TITLE
AFJMAN 23-215	On- line version is considered most up-to-date	Reporting of Supply Discrepancies  <a href="http://static.e-publishing.af.mil/production/1/af_a4_7/publication/afjman23-215/afjman23-215.pdf">http://static.e-publishing.af.mil/production/1/af_a4_7/publication/afjman23-215/afjman23-215.pdf</a>