

PERFORMANCE WORK STATEMENT

For

F-15 CORROSION PREVENTION
(Aircraft Exterior Cleaning and Post Lubrication)

At

Portland Air National Guard Base (PANG), Oregon

16 May 2017

F-15 CORROSION PREVENTION SERVICES
(Aircraft Exterior Cleaning and Post Lubrication)

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PERFORMANCE WORK STATEMENT

AIRCRAFT EXTERIOR WASH SERVICES

1.1 SCOPE OF WORK

- 1.1.1 General. This PWS is written and will be administered as a Performance Based Services Acquisition (PBSA). This method of contracting requires that the Government describe the requirements the Contractor must meet in terms of outcome or results. The “how” is left to the Contractor, within certain regulatory guidelines as referenced herein. This allows the Contractor more flexibility in achieving the desired results. The Contractor shall execute its responsibilities under this contract in a manner that is consistent with the performance standards contained herein.
- 1.1.2 The Contractor shall furnish all personnel, supervision, equipment and other items (unless otherwise specified) necessary to complete the tasks identified in this PWS.
- 1.1.3 PERSONNEL: The Contractor shall provide an adequate number of personnel that possess the technical proficiency and training to complete the requirement.
- 1.2 DESCRIPTION OF SERVICES: The contractor shall perform aircraft wash and post wash lubrication at the 142d Fighter Wing, PANG Base Portland, Oregon as defined in this Performance Work Statement (PWS). Work shall be accomplished at Portland ANG Base and will include: F-15 C/D Aircraft Exterior Wash to include Landing Gear, Wheel Wells, Engine Intakes and External Fuel Tanks (when installed). The government will perform all aircraft movements required to accomplish the wash. The government will accomplish canopy and cockpit cleaning procedures. Note the standards are in the QA table
- 1.3 SCHEDULE: The government will provide the contractor a 30-day schedule for washes coming due. The contractor will receive this notice at least 30 days in advance of the 1st scheduled wash. If the published schedule cannot be met, the contractor must notify the government within five business days of receipt of the schedule. If the wash cannot be accomplished on the scheduled date, the contractor must notify the government 48 hours prior so that the government may adjust plans accordingly. If unforeseen circumstances arise, that the particular aircraft is not available for the scheduled wash, the contractor will be notified by the government at least 24 hours prior to the scheduled service. The government reserves the right to substitute like aircraft based upon mission requirements. The government will normally position the aircraft at the Wash Rack Facility building 250 the night before the scheduled wash. The government will have the aircraft positioned on the Wash Rack Facility NLT (No Later Than) 0800 the day the wash is scheduled. The contractor will complete all services by 2200 on the date the aircraft is scheduled for wash under normal circumstances.
- 1.4 PRE-WASH PREPARATION, EXTERIOR WASH, POST-WASH, AND RESTORATION:
 - 1.4.1 PRE-WASH: The government will ensure aircraft is safed for maintenance and properly configured for wash and lube preparation in accordance with data.
 - 1.4.2 PRE-WASH: The contractor will prepare the aircraft for cleaning in accordance with Technical Order (T.O.) 1-1-691, Weapon Systems Cleaning and Corrosion Control and T.O. 1F-15A-2-12JG-20-1 Servicing – Aircraft Cleaning.
 - 1.4.3 EXTERIOR WASH: The contractor will perform all aircraft wash services in accordance with T.O. 1- 1-691, Aircraft Weapons Systems Cleaning and Corrosion Control, T.O. 1F-15A-2-12JG-20-1 Servicing – Aircraft Cleaning, ANGI 21-105, and 142d MXGOI 21-023.
 - 1.4.4 POST WASH: The government will perform the Post Wash Corrosion and Post Wash Cleanliness Inspections. The contractor will remove pre-wash preparation materials after acceptance of the wash by a 142 FW representative certified to sign off the Post Wash Cleanliness Inspection. A list of personnel certified to accomplish the inspection will be maintained at the wash facility.
 - 1.4.5 RESTORATION: All washed aircraft will comply with the requirements identified in 1F-15C-2-12JG- 20-1 for aircraft lubrication.
- 1.5 The contractor and the contractor designated employee (s) will follow the established Composite Tool Kit (CTK) procedures and maintain tool and equipment control in accordance with (IAW) 142d MXGOI

23-001, Tool Control Program and Lost Tool/Object Procedures.

- 1.6 The government will prepare/document applicable aircraft AFTO 781 series forms for required wash. The Contracting Officer Representative (COR) will notify Maintenance Operations Control (MOC) immediately upon completion of service and will complete (closeout) all wash discrepancies in AFTO 781A's. The government will be responsible for the closeout of wash discrepancies in the Integrated Maintenance Data System (IMDS).
- 1.7 FOD CONTROL: The contractor will maintain an effective Foreign Object Damage (FOD) control and prevention program IAW AFI 21-101 and AFI 21-101 Air National Guard Supplement 1, Aerospace Equipment Maintenance Management. The contractor will perform FOD inspections on all aircraft wash facilities at the end of each wash.
- 1.8 INCLEMENT WEATHER CONDITIONS: In the event of inclement weather conditions during washing operations, the government will notify the contractor wash crew of impending conditions, unless otherwise observed by the contractor employees. The information will be relayed from Maintenance Operations Control (MOC) to the personnel conducting operations on the wash rack. The standard warning is for thunderstorms with potential or observed lightning within 5 NM. All personnel involved shall, at the time of the warning, stop all operations and seek indoor shelter. The 142d FW Inclement Weather Policy will be followed for delayed openings or base closures.

2.0 QUALITY CONTROL

- 2.1 The Contractor will employ a Quality Control Program for aircraft wash services that will describe how defective services will be identified and prevented. The contractor's quality control program will also identify how the contractor will ensure non-recurrence of defective services. As a minimum, the contractor shall develop quality control procedures addressing the areas identified in the Service Delivery Summary. The contractor shall develop and implement procedures to identify, prevent, correct, and ensure non-recurrence of defective services. The contractor shall provide a copy of the quality control plan to the contracting officer no later than the orientation date, and updated copies as changes occur. Records of all inspections conducted by the contractor and corrective action taken shall be made available to the government upon request.
- 2.2 Service Delivery Summary

The method used is periodic inspections and the frequency will be spot checks. The use of the 142d Fighter Wing Quality Assurance Personnel Evaluation and Assessment Form will be used to evaluate contract wash teams. See Appendix A.
- 2.3 The Government shall periodically evaluate the Contractor's performance. A representative(s) will be appointed to monitor performance to ensure services are received. The Government representative(s) shall evaluate the Contractor's performance through inspections of call logs/ reports and receive and investigate all complaints from base personnel. The Government may inspect each task as completed or increase the number of quality assurance inspections if deemed appropriate because of repeated failures or because of repeated customer complaints. Likewise, the Government may decrease the number of quality assurance inspections if performance dictates. The Government Contracting Officer shall make final determination of the validity of customer complaint(s).
- 2.4 If any of the services do not conform to contract requirements, the Government may require the Contractor to perform the services again in conformity with contract requirements, at no increase in contract amount. When the defects in services cannot be corrected by re-performance, the Government may -
 - 2.4.1 Require the Contractor to take necessary action to ensure that future performance conforms to contract requirements; and
 - 2.4.2 Reduce the contract price to reflect the reduced value of the services performed.
- 3.0 GOVERNMENT FURNISHED SERVICES AND PROPERTY
- 3.1 The government will provide the following services and property.
- 3.2 UTILITIES. Provide electricity, water, sewage and compressed air, as needed, for wash operations.

- 3.3 BASIC SERVICES. The government will provide refuse collection, security police and fire protection.
- 3.4 FACILITIES. The government will not provide office space or office work area for the contractor. The government will provide access to latrine facilities and an area which the contractor employees and associated personnel may take breaks.
- 3.5 SUPPLIES: The contractor will only use cleaning compounds specified and approved by the government and provided by the contractor. Aircraft washes will only be completed using PENAIR HD-1 (MIL-PRF-87937D Type 1) manufactured by Penetone Corporation. No changes or substitutions in cleaning products can be made without prior written approval from government. All cleaning compounds will be prepared and applied IAW T.O. 1-1-691. The contractor will provide all required wash equipment, tape, barrier material, safety equipment, and PPE (to include harnesses and fall protection equipment).
- 3.6 POWERED, NON-POWERED AIRCRAFT GROUND EQUIPMENT (AGE): The government will provide necessary AGE needed to provide for aircraft operations to aid in the performance of aircraft wash services including maintenance stands such as B-1, B-4, B-7 and C-1. The contractor will notify the government of any unserviceable or damaged equipment.
- 3.7 TECHNICAL ORDERS, PUBLICATIONS AND FORMS: The government will make available, as a minimum, the items listed in Appendix B.
- 4.0 GENERAL INFORMATION
- 4.1 HOURS OF OPERATION: The planned hours of operation available for this service are 0800-2200 Tuesday through Friday, except for Federal holidays. Various Mondays will also be available, based on the governments Alternate Work Schedule (AWS)
- 4.2 CONTRACTOR PERSONNEL: Contractor personnel shall present a clean, well-groomed appearance at all times while performing on this contract. Contractor personnel shall also wear, at all times (except while washing), some form of professional identification, customary in industry practices, that clearly displays the employee's name and the company name. The contractor shall identify to the Contracting Officer, a primary and alternate point of contact who has full authority to act on behalf of the company on all operational aspects of the contract. The contractor employees will wear distinctive clothing bearing the name of the contractor company and will wear appropriate identification that contains the company information and employee name when not in wash gear. The government will provide ample, serviceable protective gear for the wash crew.
- 4.3 TRAINING: The Contractor shall ensure that contract personnel are trained to support the requirements of this contract and ensure that contract personnel are qualified to perform their assigned tasks at the beginning of the contract. The contractor will provide documentation or evidence to the government upon request of; Qualifications, Certifications, or Training for any Contractor Employee that will be operating vehicular equipment in the performance of this PWS.
- 4.4 CONTRACTING OFFICER'S REPRESENTATIVE (COR): The Government will appoint, in writing, a Contracting Officer's Representative (COR), to monitor performance to ensure services are received and performed in a satisfactory manner. The COR will evaluate the contractor's performance in accordance with the Service Delivery Summary (SDS) to ensure acceptable quality levels (AQL) of the performance standard are met.
- 4.5 TELEPHONE: No telephone services will be provided for the contractor personnel. The contractor personnel wishing to use telephone services must use their company or personal cell phone. All users of cell phones must STRICTLY adhere to AFI 21-101 ANG SUP 1, which states that personal cell phones will NOT be used on the flight line or industrial areas. A copy of this AFI is available upon request to a Flight line Supervisor. The contractor will in turn brief the contractor employees.
- 4.6 SECURITY REQUIREMENTS: F-15C/D aircraft will maintain classified equipment onboard during maintenance and therefor all contracted employees will be required to possess and maintain a minimum of a fully adjudicated SECRET clearance. The contractor shall obtain all pass and identification items as required

for all employees. The contractor shall comply with the security requirements specified in the DD254 attached to this contract and the visitor group security agreement (VGSA).

- 4.7 **CONTRACTOR INSTALLATION ACCESS REQUIREMENTS:** Contractor personnel will be issued a DBIDS identification card satisfying Homeland Security Presidential Directive-12 (HSPD-12), which mandates policy for a common identification standard for all Federal employees and contractors. The ID card will be issued by the 104SFS and will be effective for one year from date of issue or until the contract is completed/terminated, whichever is sooner. ID cards will be renewed as required providing a contract is still active.
- 4.8 **PERFORMANCE OF SERVICES DURING A CRISIS DECLARED BY THE PRESIDENT, THE SECRETARY OF DEFENSE, OR THE COMBATANT COMMANDER:** IAW DODI 3020.37 (Continuation of Essential DoD Contractor Services During a Crisis) unless otherwise directed by an authorized government representative, all services and procedures identified in this PWS have been determined by the Contracting Officer as not mission essential during a crisis. Workloads may significantly increase during wartime contingencies. When directed by the Contracting Officer, the contractor may be requested to provide additional services on a revised schedule. These requirements will be negotiated as required on a case-by-case basis.
- 4.9 **PHYSICAL SECURITY:** The contractor and the contractor employees shall be responsible for safeguarding all government furnished property. At the close of each work period, government facilities, equipment, and materials shall be secured. The contractor will establish and implement methods of ensuring that all keys issued to the contractor supervision, or employees, are not lost or misused by unauthorized persons.
- 4.10 **CONTRACTOR LIABILITY:** The contractor shall be fully insured and/or bonded as they will assume strict liability for any damage to aircraft, aircraft parts, support equipment, and electrical components, facilities or other government property caused by any activities under, or in violation of, this contract. The contractor will be assessed the full cost (parts, labor and administrative activities) of any repairs required to correct damages. Reasonable wear and tear is excluded.
- 4.11 **NON-PERSONAL SERVICES:** The Government will not control, direct, or supervise contractor employees during the performance of this contract. Contractor employees performing services under this order will be controlled, directed, and supervised at all times by management personnel of the contractor. Contractor management will ensure that employees properly comply with the performance work standards outlined in the statement of work. Contractor employees will perform their duties independent of, and without the supervision of, any Government official. The tasks, duties, and responsibilities set forth in the contract may not be interpreted or implemented in any manner that results in any contractor employee creating or modifying Federal policy, obligating the appropriated funds of the United States Government, overseeing the work of Federal employees, providing direct personal services to any Federal employee, or otherwise violating the prohibitions set forth in Parts 7.5 and 37.1 of the Federal Acquisition Regulation (FAR). The Government will control access to the facility and will perform the inspection and acceptance of the completed work.
- 5.0 **ADDITIONAL REQUIREMENTS**
 - 5.1 The COR will notify the Contracting Officer, MOC, Security Forces and Maintenance Supervision and QA immediately of any mishap that results in any damage to the government assets, government personnel, or any mishap that results in injury to the contractor personnel. The contractor supervisory representative will ensure the Ground Mishap Report Worksheet is provided to the Contracting Officer by the next working day. Service requires mainly physical abilities and effort involving little or no specialized skill or prior work experience.
 - 5.2 The Contractor shall comply with the following Government directives and documents in order to successfully complete the tasks:
 - 5.2.1 Applicable OSHA Safety Policies/Guidance.
 - 5.2.2 Equipment Operator/User Manuals
 - 5.3 Federal position equivalent is, WG-10. The Service Contract Act of 1965 is applicable to this position,

Laborer (23470). The current Department of Labor Wage Determination applicable to Portland, Oregon, Washington County applies to this position and is provided as an attachment to this PWS.

- 5.4 The Location of work is Portland Air National Guard Base, Portland, Oregon.
- 5.5 The contractor and Government representative shall conduct an inventory of all Government Furnished Property (GFP) within ten days of commencement. The contractor shall sign a receipt for all furnished equipment. The contractor and Government representative shall determine the working condition of all equipment. The Government will replace and/or repair any government supplied item not in working order. A listing of GFP may be found in Appendix C. The contractor is cautioned that if off-duty military personnel are hired under this contract, they may be subject to permanent change of station, change in duty hours or deployment. Military Reservists and National Guard members may be subject to recall to active duty. The absence of such employees shall not constitute an excuse for non-performance under this contract.
- 5.6 Hours of Operation: The Contractor shall perform the services required under this contract within the hours of 0800 and 2200, Tuesday through Friday, unless other arrangements are made in writing. Various Mondays will also be available, based on the governments Alternate Work Schedule (AWS).
- 5.7 Quality Assurance Surveillance Plan:

The Contracting Officer's Representative (COR) will monitor contractor performance and complete the Quality Assurance Worksheet provided below on a monthly basis. The Quality Assurance Worksheet will be submitted directly to the Contracting Officer with a copy to the COR following each aircraft wash, not later than the 5th day following the service. The COR will assume a quality performance rating of "Green" on all measured deliverables unless otherwise notified.

The quality rating may change from “Green” to “Red” without notice. We anticipate utilizing the “Yellow” quality rating to alert the contracting office and the COR of quality issues that have the potential for a “Red” quality rating if corrective action is not taken.

If Contractor response to an identified quality deficiency is unsatisfactory, the Contracting Officer or COR will contact the appropriate Contractor representative to implement a plan of action to remedy the identified deficiency.

The COR must be formally trained and requires completion of two courses; DAU CLC013, Performance-Based Services Acquisition and DAU CLC106, COR with a Mission Focus. New certificates required every 2 years.

The COR referred to in this: TBD prior to award

Rating	Description
Green	Yes performance and technical specifications are being met at AQL.
Yellow	Yes, performance and technical specifications are currently being met at the minimum AQL, but the following service / deliverable needs contractor attention. The Customer must identify what component of the deliverable and/or service requires attention.
Red	No, performance and technical specifications are not being met at AQL and the following service / deliverable needs immediate contractor resolution. The Customer must identify what component of the deliverable and/or service is below the minimum AQL.

APPENDIX A		
QUALITY ASSURANCE PERSONNEL EVALUATION AND ASSESSMENT		
Performance Objective (General)	PWS Paragraph	Performance Measure
Adherence to schedule	Technical Specification; 1.4	Inspection of completed work orders show no more than 5% requiring a schedule correction.
Contractor pre-wash checks	Technical Specification; 1.5.2	Inspection of completed work orders show no more than 5% requiring corrective action.
Perform aircraft exterior wash services	Technical Specification; 1.5.3	Inspection of completed work orders show no more than 5% requiring corrective action.
Perform aircraft restoration services	Technical Specification; 1.5.5	Inspection of completed work orders show no more than 5% requiring corrective action.
Quality Control / Safety	Technical Specification; 2.1, 2.2, 5.2	Contractor adheres to the Quality Control Program and safety regulations while performing assigned duties. 100% compliance rate.
Security Clearance	Technical Specification; 4.7, AFI 31-601	Contractor adheres to VGSA while performing assigned duties. 100% compliance rate evaluated by the unit security monitor or the base IP.

APPENDIX B
TECHNICAL ORDERS, PUBLICATIONS AND FORMS:

142d MXGOI 21-023

142d MXGOI 23-001, Tool Control Program and Lost Tool/Object Procedures

AFI 21-101 Aerospace Equipment Maintenance Management

AFI 21-101 Air National Guard Supplement 1, Aerospace Equipment Maintenance Management

ANGI 21-105 CORROSION PREVENTION AND CONTROL PROGRAM

DD FORM 254

Department of Labor Wage Determination applicable to Portland, Oregon, Washington County

Continuation of Essential DOD Contractor Services During a Crisis (DODI 3020.37)

Homeland Security Presidential Directive-12 (HSPD-12)

T.O. 1-1-691, Aircraft Weapons Systems Cleaning and Corrosion Control,

T.O. 1F-15C-2-12JG-20-1 Servicing – Aircraft Cleaning,

F-15C-2-12JG- 20-1 aircraft lubrication.

The 142d FW Inclement Weather Policy

The Service Contract Act of 1965 is applicable to this position, Laborer (23470)

Visitor group security agreement (VGSA)

APPENDIX C					
QUALITY ASSURANCE SURVEILLANCE PLAN WORKSHEET					
DATE:		AIRCRAFT TAIL NUMBER:			
Performance Rating					
Deliverable/Service		Quality Rating	Causative Factors	Effect on Mission	Action Required / Date
Adherence to schedule		Green	Comments Unnecessary for "Green" QA Rating.		
		Yellow			
		Red			
Perform aircraft wash and corrosion control services and inspections		Green	Comments Unnecessary for "Green" QA Rating.		
		Yellow			
		Red			
Perform aircraft restoration services		Green	Comments Unnecessary for "Green" QA Rating.		
		Yellow			
		Red			
Quality Control / Safety		Green	Comments Unnecessary for "Green" QA Rating.		
		Yellow			
		Red			
Security Clearance		Green	Comments Unnecessary for "Green" QA Rating.		
		Yellow			
		Red			

Approved by:

Date:

APPENDIX D

GOVERNMENT FURNISHED PROPERTY

The following listed items will be available for contractor use during the performance of the contract. Master List includes equipment, facilities and tools the government provides for use and the Reference List includes the reference library.

General Instruction:

The contractor shall be responsible for policing break area and wash rack facilities utilized during job performance.

Primary Aircraft Wash Facility (Building 250)

The Contractor's Representative (COR) will sign out the Wash Rack Facility prior to beginning the wash. The COR and the government will accomplish an inventory of the facility as part of this procedure.

The COR and the government will also accomplish an inventory of the Wash Rack Facility as part of the sign-in procedure at the completion of the wash.

The Wash Rack Facility Master Inventory List (MIL) is located in the Flight line Tool Room, and is posted in the Wash Rack Facility Storage Room.

Emergency Eye Wash is available at the Wash Rack Facility. SDS's will be provided at the Wash Rack Facility.

All contractor personnel performing wash services on top of the aircraft will use contractor provided safety harness and fall restraint systems. All contractor personnel will be trained on the use of the safety harness and fall restraint system as well as proper rescue procedures by the contractor. Training will be documented by the contractor and meet all OSHA Safety Guidance.

Personal Protective Equipment (PPE) shall be worn as required in appropriate tech data. B1, B4, B7 and C1 stands are available.