

PERFORMANCE WORK STATEMENT:
ONE-TIME DC-8 RADOME REFURBISHMENT

1.0 INTRODUCTION

National Aeronautics and Space Administration (NASA) Dryden Flight Research Center (DFRC) has operated a DC-8-72 as a flying science laboratory since 1987. This aircraft is based at DFRC, Dryden Aircraft Operations Facility (DAOF), located in Palmdale, California.

NASA DFRC has a requirement to perform a one-time DC-8 flying laboratory Radome refurbishment (to be detailed below). This particular Radome is a spare unit requiring refurbishment to bring it to an airworthy condition in order for it to be available as a flyable spare. Airworthy is defined as a part or aircraft capable of sustaining flight.

The Radome will be available for delivery by the Government to the Contractor's facility upon request. The refurbishment work must be completed and ready for delivery to the Government by June 30, 2010.

This contract shall include any and all labor and materials necessary to complete all inspections, maintenance, cleaning, and painting (except for Government furnished materials as noted in paragraph 6.1), and return of the Radome to service in accordance with applicable Federal Aviation Administration (FAA) certification standards (Authorized Release Certificate, FAA Form 8130-3). Part number of Radome is available upon request. The contractor must be a certified FAA repair station.

2.0 OBJECTIVE AND SCOPE

The contractor shall strip the paint from one each (1 ea) DC-8 Radome. The contractor shall make composite repairs as required. The contractor shall repaint same with primer and paint supplied by the government (Government Furnished Property (GFP)).

3.0 WORK REQUIRED

1. The Contractor shall strip the paint from the Radome.
2. Clean and repair composite Radome to airworthy condition.
3. Repaint the Radome with primer and paint supplied by the Government. The Contractor shall inform the Government of recommended quantities of paint, allowing four weeks time for procurement and delivery. Painting shall be of uniformly high quality, with no runs, streaks, fades, or orange peel, and with uniform pigments as specified, with no color variations within a single pigment. Final paint results shall pass the "25-ft" viewing test ("commercial" quality, as opposed to "executive jet" quality) performed by the Government.
4. The contractor shall ship the Radome to the DFRC, Dryden Aircraft Operations Facility, located in Palmdale, California.

4.0 SCHEDULE

The Contractor shall propose a schedule for completion of the requested work that is before June 30, 2010.

5.0 TASK REQUIREMENTS

Contractor shall furnish all management, supervision, labor, material (except primer and paint as supplied by Government), expendable supplies, technical manuals, support equipment, and tooling necessary to accomplish the requested work.

6 QUALITY ASSURANCE.

The Contractor shall provide and maintain a quality assurance and inspection program. The Contractor's inspection program shall ensure compliance with technical guidance, engineering specifications, and applicable FAA regulations.

6.1 Non-conformance: The Contractor shall have in place a procedure for reporting of nonconforming articles, materials, and equipment. ("Non-conformance" is defined as a condition of any article, material, or service in which one or more characteristics do not conform to the specified requirements. This includes failures, discrepancies, deficiencies, defects, anomalies, and malfunctions).

6.2 Inspection: The Contractor shall provide inspectors to verify that work is performed in accordance with technical specifications and that the workmanship is airworthy. The inspectors shall ensure that all accomplished work documentation is completed and delivered to the government at the completion of performance.

6.3 Government Source Inspection: All work performed on this contract shall be subject to inspection by the Government at any time during the period of performance at the Contractor's on-site location at the Government's expense. Government designated inspectors will provide follow up inspections to work performed on the Radome. Final acceptance of Radome will be determined upon delivery to the DAOF upon performance of a running test to prove operability and a completed FAA Form 8130-3.

6.4 Documentation: All completed maintenance/inspections and repair documentation along with the certification of airworthiness must be delivered for final acceptance by the Government at the DAOF.

7.0 OTHER REQUIREMENTS

7.1 GOVERNMENT-FURNISHED ITEMS. The Government will be providing the following:

- Crate for shipping the Radome
- Shipping of the Radome to the contractor's facility

- Primer and paint for the Radome painting task. Primer and paint for the Radome painting task based on quantities defined by the contractor at least 4 weeks prior to the required delivery date of the primer and paint materials.

| 8.0 MILESTONE

Completion is required by June 30, 2010. Performance is considered timely if services are completed by June 30, 2010. Performance exceeds expectation if services are completed before the established performance period (as proposed by the Contractor). Contractor fails to meet the milestone if services are completed after the established performance period.