

PERFORMANCE WORK STATEMENT:  
DC-8-72 CABIN WINDOWS REFURBISHMENT

## 1.0 INTRODUCTION

The 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's Aircraft Operations Facility (DAOF) in Palmdale, California.

NASA has a requirement for cabin window refurbishment on aircraft windows supporting the DC-8-72 flying laboratory. The windows refurbishment work must be completed progressively with the final delivery of all refurbished windows to NASA-DFRC by September 30, 2010.

### 1.1 Definitions

- **Airworthy** is the term used for an aircraft or part that has been found suitable to sustain flight by an approved entity, i.e. Federal Aviation Administration, National Aeronautics and Space Administration (FAA).
- **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.

## 2.0 OBJECTIVE AND SCOPE

An FAA certified **Contractor/repair** station shall provide all labor and materials necessary to complete all inspections and return the cabin windows to service in accordance with applicable Federal Aviation Administration (FAA) certification standards. The total number of windows to be refurbished is 53. This contract shall include any and all labor and materials necessary to complete all inspections.

## 3.0 SCHEDULE

The windows will be progressively available for delivery by the Government to the Contractor's facility within 15 days after award of Purchase Order at the expense of the Government. The Contractor shall progressively return cabin windows back to the Government in lots of five or more, no later than 30 days after repair at the expense of the Contractor. Proposed shipping schedule shall be included with Contractor's proposal. Complete delivery of windows accompanied by an authorized release certificate (FAA Form 8130-3) shall be submitted to NASA-DFRC by September 30, 2010.

## 4.0 TASK REQUIREMENTS

A FAA certified contractor shall furnish all management, supervision, labor, material, expendable supplies, technical manuals, support equipment, and tooling necessary to accomplish the task. The Contractor shall perform the following maintenance to the DC-8-72 cabin windows:

- A) Inspect windows to determine airworthiness / non-conformance status
- B) Reject windows without further work if deemed not airworthy (non-conformance) and return to DFRC.
- C) If deemed airworthy, clean windows and blend/polish out imperfections

**5.0 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. In addition, NASA-DFRC Procurement Quality Requirements apply per the attached Q-23 Memo.

5.1 Non-conformance: The Contractor shall have in place a procedure for reporting of nonconforming articles, materials, and equipment. If deemed non-conforming, windows shall be returned to DFRC in accordance with Section 3.0.

5.2 Inspection: The Contractor shall provide aircraft inspectors to verify that work is performed in accordance with technical specifications and that the workmanship is airworthy. The inspectors shall ensure that all inspection/repair documentation is completed and delivered to the government.

5.3 Government Inspection: All work performed on this contract shall be subject to inspection by the Government at any time.

5.4 Documentation Required for Return Delivery and Acceptance by the Government: For each cabin window, documentation and records of all contractor-performed inspections/repairs shall be delivered along with the completed inspection/repair documentation to include certification of airworthiness (FAA Form 8130-3), when applicable.

**6.0 MILESTONE GUIDELINES AND PAYMENT SCHEDULE**

6.1 Contractor shall progressively ship completed and rejected windows (**in lots of five or more**) back to NASA-DFRC

<i><b>SHIP</b></i>	<i><b>QTY</b></i>	<i><b>DATE</b></i>
Lot 1	5	TBP*
Lot 2	5	TBP
Lot 3	5	TBP
Lot 4	5	TBP
Lot 5	5	TBP
Lot 6	5	TBP
Lot 7	5	TBP
Lot 8	5	TBP

Lot 9	5	TBP
Lot 10	8	TBP

\*TBP = To Be Proposed

Completion is required by September 30, 2010. Performance is considered timely if services are completed prior to date established in the Purchase Order. Performance exceeds expectation if services are completed *before* the established performance period in the Purchase Order. Contractor fails to meet the milestone if services are completed after the established performance period in the Purchase Order.