

APPENDIX B
STATEMENT OF WORK

Airplane Maintenance, Engineering and Repair Services

County of Los Angeles
Sheriff's Department

STATEMENT OF WORK

SCOPE

Eligible Vendors will be required by the Sheriff's Department to maintain, repair, overhaul, refurbish and/or modify the existing fleet of Departmental airplanes and their components, any future airplanes of like model that the Department may acquire, or surplus components for the above airplanes acquired by the Sheriff. Eligible Vendors will provide services for major repairs, including but not limited to: scheduled overhauls of dynamic components, engines and engine accessories, engineering support, structural airframe repairs and various non-critical component repairs.

All work listed in this document pertains only to the Cessna 210, Cessna Turbo 210 (T210) and Raytheon Super King Air B200 operated by the County of Los Angeles, and/or any components for the above aircraft that have been acquired after market by the Sheriff for the express or intended use on any of these airplanes.

SERVICE CLASS I – RAYTHEON SUPER KING AIR B200
SERVICE CLASS II – CESSNA 210
CESSNA TURBO 210 (T210)

I. SERVICE TYPE 1 – Critical Component Services (Items A through D)

A. Propeller Repair, Replacement, Overhaul and Balancing

Contractor or their authorized subcontractor shall furnish to Sheriff's Department on an as-needed, intermittent and temporary basis, all parts, labor and incidental materials necessary to perform repairs or overhauls to Sheriff's Department aircraft as described above, with exceptions noted. All aircraft components shall be delivered to the vendor and returned to the point of origination upon completion of the job at County's expense. Examples of the repair, overhaul or parts replacement work to be performed consist of, but are not limited to, the following:

1. Propeller(s) and Related Components - Overhaul, repair, static and dynamic balancing, replacement as required.
2. Propeller Governor - Overhaul, repair or replacement as required.
3. Specialized Services - such as Non-Destructive Testing and Technical Engineering support.

B. Powerplant Repair and Overhaul

Contractor or their authorized subcontractor shall furnish to the Sheriff's Department on an as-needed, intermittent and temporary basis, all parts, labor and incidental materials necessary to perform scheduled and unscheduled repairs and overhauls to the Pratt & Whitney PT6 series turbine engines installed on the Raytheon Super King Air B200 airplane, and the Continental series reciprocating engines installed on the two Cessna airplanes. All engines and related components shall be delivered to the Contractor, and returned by Contractor to the Sheriff's Department Aero Bureau located at 3235 Lakewood Boulevard, Long Beach, California 90808, at County's expense. Examples of work to be performed consist of, but are not limited to, the following:

1. Scheduled / Non-scheduled Engine Overhaul – Repair/replace engine components at prescribed engine time-life.
2. Scheduled / Non-scheduled engine mid-life inspections/overhaul – Inspection, repair/replacement of engine components at prescribed engine time-life.
3. Compressor Section - Inspection, repair, and overhaul to include internal component replacement and repairs.
4. Accessory Gear Box - Inspection, repair and overhaul to include internal and external component replacement and repairs.
5. Turbine/Modular Sections - Inspection, repair and overhaul of all internal components to include repair and replacement of power turbine wheels, nozzles and all other related turbine section components.
6. Combustion Section - Inspection, repair, overhaul and replacement of all internal and external component items.
7. Engine Accessories - Inspection, test/repair, replace and/or overhaul engine accessories to include but not limited to fuel injection systems, starter-generators, alternators, vacuum pumps, magnetos, fuel controls, fuel nozzles, fuel pumps/valves/filters, governors, bleed valves and related components.
8. Quality Assurance - Contractor may be required to conduct a teardown inspection to determine the extent of repairs necessary and provide an accurate cost estimate. After repairs have been completed, Contractor shall perform a quality assurance inspection to ensure all work has

been performed in accordance with factory prescribed maintenance procedures, and shall provide written documentation certifying the work performed.

9. Warranty - All engine-related components shall be inspected, repaired/replaced or overhauled to manufacturer's specifications and warranted against defects resulting from services rendered for a period of at least 90 days or 300 flight hours, whichever occurs first, unless otherwise warranted by parts supplier.
10. Performance Assurance - Contractor shall provide performance assurance on all turbine overhauls equal to or greater than 10% above minimum factory engine power specification requirements.

C. Airframe Inspection and/or Repairs

Contractor shall furnish to Sheriff's Department on an as-needed, intermittent and temporary basis all parts, labor and incidental materials necessary to perform scheduled and unscheduled structural airframe repairs and/or inspections on the Sheriff's Department aircraft listed above. Aircraft and/or components in need of maintenance services shall, at the discretion of County, 1) be delivered to the Contractor, and returned by Contractor to the Sheriff's Department Aero Bureau located at 3235 Lakewood Boulevard, Long Beach, California 90808, at County's expense, or 2) the work may be performed by Contractor at the Aero Bureau facility. Examples of the types of repairs and/or phase inspections that may be performed consist of, but are not limited to, the following:

1. Airframe Sheet Metal and Composite Surface Repairs - Structural repairs involving sheet metal and composite materials work to the basic airframe, landing gears, cowlings, doors, and all internal cabin metal surfaces, structures and instrument panels to include aircraft painting and exterior finishes.
2. Aircraft Hydraulic Systems, Electrical Systems, Lighting Systems, Braking Systems, Pressurization Systems, Fuel Storage/Transfer Systems, Deicing Systems, Lubrication Systems, and Associated Components - System testing, repairs, overhaul and component replacement.
3. Landing Gear - Repair, overhaul and component replacement of landing gear, struts, shock absorbers, wheels, brakes and all other related components.
4. Flight Control Systems - Repair, replace, overhaul and return to service all flight control system components, to include, but not limited

to cables, control tubes, control rods, bellcranks, support assemblies and related fittings, hydraulics and electronic or electrical components.

5. Airframe Inspections - Perform scheduled airframe phase and other periodic inspections (including annual inspections) in accordance with manufacturer specifications, or as required by the Sheriff's Department.

D. Avionics and Navigation Systems

Contractor shall furnish to Sheriff's Department on an as-needed, intermittent and temporary basis, all parts, labor and incidental materials necessary to perform needed repairs, component replacement and overhaul services on all avionics and navigation equipment installed on the listed airplanes. Avionics and navigation components/equipment shall, at the discretion of County, 1) be delivered to the Contractor, and returned by Contractor to the Sheriff's Department Aero Bureau located at 3235 Lakewood Boulevard, Long Beach, California 90808, at County's expense, or 2) the work may be performed by the Contractor at the Aero Bureau facility.

II. SERVICE TYPE 2 – Non-Critical Component Services Defined

Non-critical services and repairs, as defined by the Sheriff, are those services which do not directly affect the flight and operations of the airplane.

Contractor shall furnish to Sheriff's Department on an as-needed, intermittent and temporary basis, all parts, labor and incidental materials necessary to perform needed repairs, component replacement and overhaul services on, but not limited to, the following:

- a) Night Vision Lighting/Alternate Lighting
- b) Thermal Imagers and Video Cameras
- c) Overlay Panel
- d) Moving Map
- e) Communication radios
- f) PA and Siren System
- g) Aviation Oxygen Bottles/Regulators
- h) Air Conditioning/Heating Systems and Instruments
- i) Aircraft Interiors - Repair and replacement of all aircraft interior components and accessories to include seats, upholstery, paneling, floors and surfaces, environmental systems and compartments to include aircraft painting and interior finishes.
- j) Aircraft Washing, Detailing, Cleaning (Interior)
- k) Aircraft Washing, Detailing, Cleaning (Exterior)

- I) All other non-critical special-mission equipment installed on Sheriff's airplanes.

All components and related equipment listed above shall, at the discretion of County, 1) be delivered to the Contractor, and returned by Contractor to the Sheriff's Department Aero Bureau located at 3235 Lakewood Boulevard, Long Beach, California 90808, at County's expense, or 2) the work may be performed by Contractor at the Aero Bureau facility.

III. PROCESSES, CONTROLS, QUALITY, DEFINITIONS

For each Service Class and Service Type defined above, the following shall apply:

A. Parts Procurement, Engineering, Technical Assistance and Product Support

Contractor shall furnish to Sheriff's Department on an as-needed, intermittent and temporary basis, selected manufacturer-approved repair parts, aircraft components (new and/or overhauled), engineering and/or technical assistance and product support necessary for Sheriff's Department employees to perform scheduled and unscheduled maintenance inspections, repairs and/or component overhaul/replacement for the listed airplanes and related components. Aircraft repair parts and/or components shall be delivered to:

Sheriff's Department Aero Bureau
3235 Lakewood Boulevard
Long Beach, California 90808

Contractor shall provide as-needed engineering and technical assistance upon request.

1. Repair Parts Procurement - Contractor shall provide the Sheriff's Department with factory-approved new or certified overhauled replacement aircraft parts obtained directly from the original equipment manufacturer (OEM), authorized parts distributors and/or vendors authorized by the OEM to manufacturer and sell duplicate parts under Parts Manufacturing Authority (PMA). Selected vendors must either be original equipment manufacturers, factory-authorized distributors or factory-authorized Service Centers. Vendors must additionally certify to the County of Los Angeles that all parts sold to the County meet aircraft airworthiness and safety standards as established by Federal Aviation Regulations and/or the aircraft manufacturer.

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2. Engineering and Technical Assistance - Contractor shall provide to the Sheriff's Department, as-needed engineering and technical assistance on the listed airplanes for specific projects associated with aircraft modifications, maintenance programs and/or Supplemental Type Certification requiring Federal Aviation Administration approval or compliance with technical specifications as specified by the aircraft manufacturer, FAA and/or County of Los Angeles aircraft airworthiness standards.
3. Product Support - Contractor shall provide to the Sheriff's Department required product support through alternate resources such as research and development of special parts, tools and/or modifications needed to support the listed airplane models, and design, engineer, manufacture and/or arrange approval of special parts and/or tooling needed to support a specific aircraft modification requirement which cannot otherwise be obtained from the aircraft manufacturer. Approval must be obtained from the Federal Aviation Administration, the aircraft manufacturer or aircraft airworthiness authority.

B. Materials and Supplies

This Agreement is intended for use to acquire and purchase aircraft parts, materials, and supplies incidental to the required repair work and/or services. The Sheriff, in an effort to mitigate repair costs, reserves the right to, whenever possible, provide the Contractor with after-market, serviceable components in either new or certified overhauled condition.

C. Material Standards

When an article is mentioned by trade name or a manufacturer's name, it is intended to establish a standard of merit. Articles of other manufacturers may be used provided they are of the same type and of equal quality. The Sheriff's Department shall be the sole judge as to "equal." All materials and equipment shall be new, or an approved type, or certified overhauled and installed as recommended by the manufacturer. All materials and equipment shall be properly tested, regulated, adjusted and placed in proper operating condition before the work can be accepted.

D. Quality Assurance

The Contractor's quality control supervisor or his representative shall inspect the completed work and shall determine whether the work has been done in accordance with manufacturer's specifications. All documents must be signed by the quality control supervisor/representative verifying that the work meets appropriate airworthiness standards and the component / aircraft has been returned to airworthy condition. Contractor must correct

defective materials or workmanship prior to acceptance by Sheriff's Department of said work. The Sheriff's Department reserves the right to conduct defect inspections at Contractor's facility. All work must be done in accordance with accepted practices, safety standards and Federal Aviation Regulations.

E. Acceptability of Work/Delivery

All work shall be done in a professional manner and must be acceptable to technically qualified Sheriff's Department personnel designated by the County of Los Angeles. All work shall be completed within the time-frame estimate in the bid quote for the specific job.

F. Discrepancies

If the Sheriff's Department determines that work is not complete, not performed to standard or for some other reason is not acceptable, the Sheriff's Department representative will notify the Contractor in writing or by telephone and request a meeting to resolve the discrepancy. Representatives of the Sheriff's Department and Contractor shall meet at the Aero Bureau within ten (10) days of the date of notification by the Sheriff's Department. Contractor shall not be paid for work until such discrepancy is resolved.

G. Contractor's Damages/Clean-up

1. All damages incurred to Sheriff's Department aircraft by Contractor shall be repaired or replaced at Contractor's expense.
2. All such repairs or replacements shall be completed within the time requirements as determined by Sheriff's Department. If Contractor fails to repair or replace damaged property, Sheriff's Department will deduct the cost of repairs for such damages, as determined by Sheriff's Department, from existing unpaid invoices due Contractor, or from future invoices submitted by Contractor, or bill the Contractor and the provisions of Paragraph 37.2 of Exhibit A (Additional Terms and Conditions) shall apply.
3. Upon completion of work, Contractor shall clean/remove remaining excess materials, dirt, grease and/or stains from all aircraft surfaces or components thereof.

H. **Guarantee**

Contractor shall guarantee all materials and workmanship for a period of 90 days or 300 flight hours, whichever occurs first, from date of acceptance of work by Sheriff's Department. Date of acceptance is defined as the date the Sheriff's Department Aircraft Maintenance Manager or his designee signs off that work was accepted. If Contractor fails to make proper repairs under this guarantee, Sheriff's Department may, at its discretion; (1) deduct the cost of repairs, as determined by Sheriff's Department, from existing unpaid invoices due Contractor, (2) deduct the cost of repairs from future invoices submitted by Contractor or; (3) bill the Contractor for the cost of repairs.

I. **Meetings**

At various times throughout the Agreement term, the Contractor may be required to attend meetings called by the Sheriff's Department. The purpose of these meetings will be to discuss and resolve problems, and/or readjust assignments and working schedules to meet new needs. The Contractor will be given written notice seven (7) days prior to any scheduled the meeting.

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