

## Attachment B – Specifications

**LDWF Aircraft Rental Services****Purpose:**

- To provide the Louisiana Department of Wildlife and Fisheries (LDWF) with aviation services, to include a pilot and single engine, high-wing, aircraft for a duration of two - three weeks per year for completion of waterfowl surveys in Northeast Louisiana.
- To procure available aircraft geographically based within the survey area, to minimize daily travel time and distance to and from survey transects.
- Each survey consists of a three full flight days, but a full week commitment will be required to account for weather, equipment, and other potential delays that preclude safe flight conditions. Total flight survey hours will vary, but will not exceed 24. We ask for an increase/decrease clause for the possibility of more hours/surveys.

These services are to be used for, but are not limited to, the statewide program listed below under Program Special Conditions and per the specifications provided.

Contractor will supply a Cessna 210 (or similar) aircraft that meets the specifications set forth in this document and that is capable of flying over aquatic, agricultural, and forested habitats at altitude of 200-250 ft. above ground level, or adjusted to ensure safety of flight crew. Flights will be scheduled as required, but are generally mid-December and early-January (and potentially late-January). Notice will generally be given to successful bidder approximately 24 hours in advance. A catastrophic event, such as a hurricane, may dramatically alter the timing and require an extension of aircraft rental utilized under the contract.

**Program Special Conditions:**

The project will involve using an aircraft flying low level over varied agricultural and forested habitats within the Louisiana portion of the Mississippi River Aluvial Valley, beginning at 31.0° N, then flying randomly generated east-west transects north to the Arkansas line. Cell towers and potentially high populations of waterfowl are expected conditions of the surveys.

Prospective vendors must meet the following criteria and have all aspects built into the bid. Flights will begin during the month of December.

- Daily flight time may vary from four to eight hours.
- Approximately 60 total flight time hours per year is estimated for this program.
- Aircraft location and initial departure for each survey will preferably be from a location in the following parishes (Avoyelles, Caldwell, Catahoula, Concordia, East Carroll, Franklin, LaSalle, Madison, Morehouse, Ouachita, Rapides, Richland, Tensas, West Carroll) or Mississippi counties bordering the Mississippi River-Louisiana border.
- Aircraft specification are as follows:
  - a. Capacity for pilot and, at minimum two observers employed by the state.
  - b. Power source (12V or USB) for survey recording equipment.
  - c. On-board GPS for pilot navigation & maintaining transect lines.