**Scope of Work:**

Contractor shall furnish all materials, equipment, tools, and labor needed to deliver, assemble, and anchor 11 metal carports for the Louisiana Department of Wildlife and Fisheries (LDWF).

**Location:**

Louisiana Department of Wildlife and Fisheries

200 Dulles Drive

Lafayette, Louisiana 70506

**Specifications:**

* Metal carports shall be constructed/assembled between selected storage containers that are approximately 24 feet apart and set/anchored on a gravel parking area.
* Metal carports shall be 24 feet wide by 35 feet long and 12 feet high.
  + Carport Dimension Breakdown:
    - Overall width: 24 feet (outside of leg to opposite outside of leg)
    - Overall length: 35 feet (outside of leg to opposite outside of leg, may have roof overhang for total of 36 feet of roof)
    - Leg height: 12 feet
    - Roof Pitch: 3/12
    - Side sheets (both sides): 18 inches
* Metal carports shall have “bow eaves” and to be open ended (no gable).
* Metal carport roofs shall be 3/12 pitch.
* Metal carports shall have 18 inches of side panel on both sides.
* Metal carports shall have a wind certification of 140 miles per hour.
* Maximum rafter/post spacing shall be 5 feet
* Framing members (rafters, legs, and base rails) shall be 2 ½ inch by 2 ½ inch, 14 gauge tube steel.
* End wall columns (posts) shall be equivalent to side wall posts in size and spacing.
* Roof and side panels shall be 29 gauge galvanized metal panels fastened directly to framing members.
* For roofs and side panels, average fastener spacing on-centers along rafters or hat channels, and columns shall be 10 inches maximum.
* Fasteners shall consist of #12, 14 by 3/4 inch self-drilling fastener (SDF) and must use control seal washer with exterior fasteners.
* Four ground anchors (Helix ground anchor, or equivalent) shall be installed for each base rail.

**Specify Ground Anchor Bidding:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* Additional anchors (#4 Rebar with welded nut, 36 inches long) shall be installed through each base rail within 6 inches of each rafter column along the sides.
* A minimum 7 inch long connector sleeve made of minimum 14 gauge shall connect each tube steel column to each tube steel bow rafter. Each connector sleeve shall be secured with eight #12, 14 inch by ¾ inch self-drilling fasteners.
* A two foot, 18) gauge U-channel knee brace (gusset) shall be fastened to each rafter and column. Each brace shall be secured with four #12, 14 inch by ¾ inch self-drilling fasteners.
* A six foot, 18 gauge U-channel brace shall be fastened to each rafter (peak brace) with two #12, 14 inch by ¾ inch self-drilling fasteners on each end.
* Each column shall be connected to continuous base rail by a minimum 6 inch long connector sleeve made of minimum 14 gauge and secured by four #12- 14 inch by ¾ inch self-drilling fasteners.
* Color of roof panels, side panels and trim shall be beige.

**Other Requirements:**

* Vendor shall be compliant with the Build America, Buy America Act (BABA), as contained in the Federal Infrastructure Investment and Jobs Act of 2021. A BABA Certification Document is attached to the bid package and shall be submitted with bid. (See Attachment E)
* Contractor shall dispose of all trash.
* Contractor shall pick up all loose screws and metal remains around each carport.
* Work hours shall take place between 7:00 a.m. and 4:30 p.m., Monday through Friday.
* Contractor shall provide a minimum 1 year workmanship warranty.
* Contractor shall provide a minimum 10 year warranty on the 14 gauge tubular frame.