**Scope of Work:**

Contractor shall provide all labor and materials to drill and install one (1) water well suitable for flooding of impoundments for the Louisiana Department of Wildlife and Fisheries (LDWF) located at John Franks WMA.

**Location:**

John Franks WMA

Hwy 3049

Shreveport, LA 71107

**Expectations Required:**

* Contractor shall drill, case, develop, & install a water well following the methods and procedures listed in LA Title 56 Public Works Part I – Water Wells
* The well shall be 8” (eight inches) in diameter and capable of pumping one hundred twenty-five gallons per minute (125 GPM)
* The well shall be approximately eighty feet (80’) deep
* All materials shall meet the or exceed specifications below

**Specifications of Materials:**

* Contractor shall drill an eight inch (8”) water well approximately eighty feet (80’) deep.
* Contractor shall install PVC schedule forty (40) eight inch (8”) casing in the well hole to line it.
* Contractor shall install a 0.018” slotted PVC screen at the bottom of the well.
* Contractor shall install one (1) six inch (6”) one hundred twenty-five gallons per minute (125 GPM) seven and a half horse power (7.5HP) two hundred forty volt (240 V) one phase (1 ph) pump & motor to the newly drilled well.
* Contractor shall use four inch (4”) galvanized tubing in order to plumb the pump to above ground.
* Contractor shall install a submersible wire in the casing from the installed pump to its power source which shall be a breaker box located near the drill site.
* Contractor shall complete wellhead with four inch (4”) popoff & four inch (4”) ball valve
* Contractor shall cement annulus filling in between the pipes in order to keep surface debris out.

**Terms and conditions:**

* Contractor shall be responsible for all trash and waste disposal
* Work shall be 7:00 AM to 5:30 PM Monday through Friday unless approved by Seth Miller
* Please contact Seth Miller (318) 243-6194 to setup day and time for site visit