

TWRA Event 32801-11689

Dozer Trawl/Electrofishing Work Boat Specifications:

TWRA intends to purchase one boat and trailer as specified below. The boat shall be equipped with one proprietary component, the Midwest Lake Electrofishing System Infinity Control Box ("MLES"), 40 amp unit. This unit is compatible, and thus interchangeable, with other TWRA vessels in their fleet. This unit is being used by several other states involved in a collaborative effort to combat the invasion of Asian carp. The State will allow for standardization within Tennessee (including partners) and across partner states.

Boat specifications shall be met by the Contractor as follows:

- All welded – 0.190" marine grade aluminum hull and sides; 0.125" diamond plate floor
- 24' long
- 4' deck at bow
- 72-84" bottom, 100" beam, 30" sides and transom
- 6 – 8 degree V bottom with chopped V front
- Side console with electrofishing control box platform and seat
- Rear sponsons
- Welded bow safety rail with lights – with removable center for dozer trawl deployment
- Thirty (30) gallon fuel tank or larger (preferably centered below the floor)
- Bilge
- Recessed navigation lights
- Mercury 225 HP SeaPro Commercial (equivalent or better)
- Hydraulic steering, power trim, mount set back center of transom

Trailer:

- Tandem axle trailer of sufficient size for the above boat, including trailer brakes, heavy duty jack, winch, lights, spare wheel and tire mounted.

Equipment:

- Hummingbird Helix 9 CHIRP Mega SI+ GPS G3N (or equal), mounted and installed
- 7kw Honda generator (or equal)
- Dozer trawl system – winch, heavy duty dozer arm apparatus, cross bar array between booms, 3'x7' stainless steel net frame with quick connects, all components removable
- Pivoting electrofishing booms and anode arrays
- Vessel shall be fully wired, and turn-key ready