

## GENERAL SPECIFICATIONS

Vendors are to include in their bids the cost of assembling, adjusting, and testing the specified boat motor and trailer. The trailer and motor are to be adjusted and installed per the manufacturer's specifications for the boat specified. All services necessary to satisfy the intent of receiving a boat, motor, and trailer that is ready for use at the time of delivery are to be included in the bid price.

### **BOATS FOR MIDDLE TENNESSEE EFO:**

#### (A) BOAT- Quantity four (4)

Vendor must provide four (4) all aluminum welded, Jon or modified V style boats. Boats must be side console design with a self-bailing cockpit and a manufacture year of 2024 or newer. Boats must comply with all federal standards for recreational boats and should have minimum limited lifetime manufacturer's hull warranty against structural failure.

1. Outboard engine to be supplied by the manufacturer and installed by the manufacturer. The manufacturer will provide and install all controls. Engine controls and gauges to of the same brand as the engine.
2. Boat dimension: Length 18'1" (minimum) to 18'1" (maximum); Beam 7'3" (minimum) to 7'5" (maximum).
3. Hull support system must be aluminum construction material (no wood allowed).
4. Color must be tan, brown, or natural aluminum.
5. Deck must be anti-skid material.
6. Instrument Panel must include:
  - A. Tachometer
  - B. Horn
  - C. Engine water pressure gauge
  - D. Voltmeter
  - E. Navigation/Anchor light switches
  - F. Twelve (12) Volt outlet, charging port, or similar device for running portable electric equipment.
  - G. Fuel gauge
  - H. Built-in depth gauge with digital readout

Optional Instrument Panel Features:

  - A. Power trim indicator.
  - B. Other switches for optional equipment.
7. Fuel tank must be built-in with minimum nineteen (19)-gallon capacity.
8. Bilge pump must be a minimum of eight hundred (800) gallons per hour.

9. Navigation lights and all electric components must meet the requirements of the U.S. Coast Guard. Red/Green bow light must be included.
10. The boat must be equipped with one cranking battery.
11. The boat must have a minimum of one forward storage compartment.
12. Boat and all features must be tested with engine tuned and ready for use.
13. The vendor/manufacturer must place DWR decals on the boat (furnished by DWR).

#### (B) ADDITIONAL EQUIPMENT

1. Hummingbird Electronics: HELIX 5 with GPS – Console mount or equivalent to
2. Trolling Motor Minn Kota Maxxum 70-24V-52” with two (2), twelve (12) volt batteries to run motor or equivalent to

#### (C) BOAT TRAILER

1. Trailer must be single axle, drive-on type with load capacity sufficient to carry the full, loaded boat as described above and adjusted to fit the boat as delivered.
2. Frame must be aluminum.
3. Vendor must provide aluminum spare tire with galvanized carrier or equivalent. The spare tire and wheel must be mounted on the trailer.
4. Trailer must be equipped with running lights, reflectors, and turn signals/brake lights to meet federal safety standards and be submersible type. All lights must be LED.
5. Trailer must be equipped with swing-away tongue jack with rolling wheel. The axle must be positioned in order to balance the load.
6. Trailer must come with a heavy-duty winch with a web belt.
7. Trailer must have a Class 2 trailer, two (2) inch or heavier ball hitch.
8. Trailer must have a safety chain or coated cables for a Class 2 trailer.
9. Trailer must be equipped with two (2) rear tie-down securing straps to secure the stern of the boat to the trailer.
10. Trailer must meet all federal safety standards.
11. Trailer must have the manufacturer’s standard new equipment warranty for trailer in commercial service unless other warranties are required by this specification.

(D) OUTBOARD MOTOR

1. Outboard motor must have a minimum horsepower of ninety (90).
2. All controls must be supplied and installed by the vendor/manufacturer.
3. The engine and all controls and features are to be tested by the vendor and the boat delivered in a ready-to-run condition.

(E) DELIVERY

Boats are to be picked up at the dealership. When the boats are ready to be picked up, please have the vendor reach out to the point of contact: Nancy Williams at (615)-415-1317, or [Nancy.1.Williams@tn.gov](mailto:Nancy.1.Williams@tn.gov).

**BOATS FOR Knoxville EFO:**

(A) BOAT- Quantity two (2)

Vendor must provide two (2) all aluminum, hull gauge 0.100, welded center console boats that have a modified V and tunnel hull design Modified V Hull design. Boats must have self-bailing cockpit and a manufacture year of 2024 or newer. Boats must comply with all federal standards for recreational boats and should have a minimum limited lifetime manufacturer's hull warranty against structural failure.

1. Outboard engine to be supplied by the manufacturer and installed by the manufacturer. The manufacturer will provide and install all controls. Engine controls and gauges to of the same brand as the engine.
2. Boat dimension: Length 17'1" (minimum) to 18'1" (maximum); Beam 6' 8" (minimum) to 7'5" (maximum).
3. Hull support system must be aluminum construction material (no wood allowed).
4. Color must be tan, brown, or natural aluminum.
5. Deck must be anti-skid material.
6. Instrument Panel to include:
  - A. Tachometer
  - B. Horn
  - C. Engine water pressure gauge
  - D. Voltmeter
  - E. Navigation/Anchor light switches

- F. Twelve (12) Volt outlet, charging port, or similar device for running portable electric equipment.
- G. Fuel gauge
- H. Built-in depth gauge with digital readout.

Optional Instrument Panel Features:

- C. Power trim indicator.
- D. Other switches for optional equipment.

7. Fuel tank must be built-in with minimum nineteen (19)-gallon capacity.
8. Bilge pump must be a minimum of eight hundred (800) gallons per hour.
9. Navigation lights and all electric components must meet the requirements of the U.S. Coast Guard. Red/Green bow light must be included.
10. The boat must be equipped with one cranking battery.
11. The boat must have a minimum of one forward storage compartment.
12. Boat and all features must be tested with engine tuned and ready for use.
13. The vendor/manufacturer must place DWR decals on the boat (furnished by DWR).

(B) ADDITIONAL EQUIPMENT

1. Humminbird Electronics: HELIX 5 with GPS – Console mount or equivalent to
2. Trolling Motor Minn Kota Maxxum 70-24V-52” with two (2), twelve (12)-volt batteries to run motor or equivalent to

(C) BOAT TRAILER

1. Trailer must be single axle, drive-on type with load capacity sufficient to carry the full, loaded boat as described above and adjusted to fit the boat as delivered.
2. Frame must be aluminum.
3. Vendor must provide aluminum spare tire with galvanized carrier or equivalent. The spare tire and wheel must be mounted on the trailer.
4. Trailer must be equipped with running lights, reflectors, and turn signals/brake lights to meet federal safety standards and be submersible type. All lights must be LED.
5. Trailer must be equipped with swing-away tongue jack with rolling wheel. The axle must be positioned in order to balance the load.
6. Trailer must come with a heavy-duty winch with a web belt.

7. Trailer must have a Class 2 trailer, two (2) inch or heavier ball hitch.
8. Trailer must have a safety chain or coated cables for a Class 2 trailer.
9. Trailer must be equipped with two (2) rear tie-down securing straps to secure the stern of the boat to the trailer.
10. Trailer must meet all federal safety standards.
11. Trailer must have the manufacturer's standard new equipment warranty for trailer in commercial service unless other warranties are required by this specification.

#### (D) OUTBOARD MOTOR

1. Outboard motor, as supplied by the manufacturer, must have a minimum horsepower of 90/65 Jet drive outboard and must be specifically paired to the boat to operate in shallow water conditions.
2. All controls must be supplied and installed by the vendor/manufacturer.
3. The engine and all controls and features are to be tested and the boat delivered in a ready-to-run condition.

#### (E) DELIVERY

Boats are to be picked up at the dealership. When the boats are ready to be picked up, please have the vendor reach out to the point of contact: Nancy Williams at (615)-415-1317, or [Nancy.1.Williams@tn.gov](mailto:Nancy.1.Williams@tn.gov).