

SPECIFICATION

NEW – FIRE/RESCUE HOVERCRAFT WITH TRAILER

This specification is general and indicates minimum requirements and in no way is intended to limit bidders or indicate any sole source procurement. The unit described below shall be a new hovercraft with trailer and appurtenances for use as a fire/rescue apparatus and shall be manufacturer's latest design and production. Any unit proposed shall have been available for sale in the USA for a minimum of three years.

Hovercraft, motor, and trailer shall have a 12 month factory warranty with no charge for parts, labor, or travel for covered warranty repairs. Dealer or insurance extended warranties are not acceptable.

New fire/rescue hovercraft with trailer shall comply with the following specifications:

- Payload to be Minimum 750 lbs;
- Color shall be RED;
- Minimum hull dimensions are 14' 6" long by 6' 6" wide;
- Minimum 2' wave handling capacity;
- Hover height to be 8";
- Minimum 100 Horsepower liquid cooled engine with:
 - o High performance muffler;
 - o High performance air filter mounted within crew protection windshield area;
 - o Electric and Recoil starters;
 - o Automatic oil injection;
 - o Gauges: Hourmeter, tachometer, exhaust gas temperature, battery level;
- Two (2) 6 gallon removable fuel tanks each with gauge;
- Minimum 720 cca maintenance free battery;
- Minimum 36" diameter, 12 blade fan driven with a belt and crankshaft pulley system;
- Removable fan guard and engine cover system;
- Air straighteners and 4 rudder steering system;
- Front first lift air system with variable lift and thrust control;
- Skirts shall be 12 oz. nylon with chlorosulfonated polyethylene synthetic rubber coating, stainless steel skirt anchors, and 250 psi tear strength skirt ties;
- Heavy duty drag flap;
- All Kevlar under hull protection;
- Minimum Eight (8) foot long patient space on each side of center console;
- Seating pad;
- Stowage pocket;
- Bilge pump;
- Stainless steel grab rails mounted to each side of hull;
- Two (2) 8' grapple poles;
- Two (2) ring buoys;
- Navigation and bow operation lights;
- Four (4) 10 LED flood lights, 1,800 lumens each;
- Mount and wire switch on dash One (1) Department supplied Red strobe on top of Duct fan shroud;
- Two (2) 12 volt accessory power plugs mounted in dash area;
- Battery master switch;

- Lifting and mooring stainless steel hardware;
- Fly on/off trailer complete with spare wheel and tire minimum 3,500 lb capacity rubber torsion axle and all DOT lighting, 2” class 1 ball and safety chains;
- Crew protection windshield with wiper system;
- Heater/Defroster;
- Carburetor compensator;
- Maintenance kit consisting of the following minimum items:
 - o Four (4) skirt segments;
 - o Ten (10) edge clips;
 - o Ten (10) bag ties;
 - o Ten (10) snap rings;
 - o Two (2) anchors, stainless steel with rivets;
 - o Two (2) bottles of injector oil;
 - o One (1) bottle of silicon.
- Bidder shall include in their bid the following allowances:
 - o \$3,000.00 for MARSARS RPK 5-1 Underwater recovery system;
 - o \$305.00 for Whelen P46HHS LED Handheld Spot Light;
 - o \$50.00 for Battery Charger/Conditioner;
 - o \$500.00 for reflective lettering and striping to be installed by bidder.
- Bidder shall provide installation and wiring of Department supplied:
 - 2 way radio with headset system and antenna;
 - 100 watt siren and speaker;
 - Duct mounted strobe light;

Bidder shall provide written evidence of conformance with all specifications as part of their bid package.

All bid prices shall include costs for destination, delivery, set-up, warranty, and 4 hours of training. Town of Webster is State Sales Tax exempt with required identification number and certificate to be provided upon award.

The Town of Webster reserves the right to waive any informalities in or to reject any or all bids, or to accept any bid which in their opinion, is in the public best interest to do so. All bids shall remain valid for a period of 30 days.

END OF SPECIFICATION