

ATTACHMENT “C”

Equipment and Vehicle Requirements

The Vendor shall be required to submit to the District documentary proof of current ownership or lease of the following equipment having the minimum capacity, size and number listed below:

A. Initial Response:

Recovery Wrecker Requirements (Company Owned/or leased)

One 50-ton (Heavier) Hydraulic, extendable, fixed boom, ultra-heavy-duty recovery wrecker with a boom structural rating (TEMA or SAE) of 100,000 lbs or rotator type wrecker with the same capacity or greater. A minimum of two planetary winches with a manufacturer rating of 50,000 lbs. each and 200 ft. of ¾” cable. The boom shall extend a minimum of 150” beyond the tailgate. The boom shall elevate to a working height of 21 ft. The truck chassis shall be a minimum of 62,000 lbs gross vehicle weight (GVW). The unit shall be equipped with an under-reach tow unit with a capacity of 50,000 lbs. The truck chassis must be designed for or reinforced for severe service. The drive line shall also be severe service and geared for the low end, high torque applications frequently required for quick clearance and relocation of loaded, wrecked heavy trucks - in some cases while they are still overturned.

AND

One 50-ton capacity rotator type heavy-duty wrecker or extendable boom wrecker with the same capacity or greater. The Vendor may request to substitute a mobile crane for the rotator. To be considered, the mobile crane shall have a minimum capacity of 50 tons and be equipped for truck crash recovery with the tool supplies and rigging as established in this agreement. A valid OSHA crane operator certification is required. The District reserves the right to approve or reject the request to substitute a crane for the rotator wrecker.

NOTE: ONE OF THE ON-SCENE WRECKERS SHALL BE A ROTATOR OR DISTRICT APPROVED MOBILE CRANE.

**A. Recovery Support Vehicle Requirements:
(Company Owned/or leased)**

1 ea. Support vehicle with an enclosed or utility body and a roof mounted DOT approved MUTCD Type B arrow board. The truck shall be stocked with MUTCD traffic control devices (signs, sign stands and cones etc.) and the additional tools, equipment and material listed.

Alternatively, this may consist of the Vehicle with Type B arrow board and a support trailer with all recovery equipment.

**B. Additional Trucks and Heavy Equipment Requirements:
(Company Owned or leased)**

- **1 ea. Heavy-duty skid steer loader with bucket, broom, and fork attachments. The loader should have the capability to load a dump truck. (e.g., Bobcat T300)**
- **2 ea. 20-yd dumpsters (including the ability the transport them to the scene)**

C. Subcontracted Service Providers

The Vendor shall provide proof of an existing account in good standing with a local company to provide the following services. These services must have the means to respond to a major incident scene, 24 hours per day/7 days per week in one hour or less.

- **A Maintenance of Traffic (MOT) Contractor that can provide and set up MUTCD and FDOT approved work zone traffic controls including a Worksite Traffic Supervisor.**
- **A Disposal Company that can deliver to the scene of an incident dumpsters or hoppers for crash debris, fire debris and or spilled non-hazardous cargo.**
- **A Vacuum or Suction Service for off loading or recovering spilled grains, powders, plastic pellets, etc.**
- **A Trucking or Transport company that can provide dump, refrigerator or flat bed trucks and trailers.**
- **1 ea. Tilt bed, hydraulic, lowboy semi-trailer (Landoll or equivalent) with a 35-ton capacity, 48 ft. bed and a 20,000 lb. winch with 75 ft. of 5/8" cable**
- **1 ea. Tandem axle tractor with a sliding fifth wheel**
- **1 ea. Rubber tired, articulated, heavy construction end loader with a minimum 2-yard bucket (when loaded on the lowboy trailed the combined height must not exceed 13 ft.-6in.)**
- **A Construction Crane Rental Company with 50-ton and larger mobile cranes.**
- **A source of bulk sand available 24 Hours a day, 7 days a week.**

D. Items Required on Recovery Wreckers

At a minimum, each Recovery Wrecker or District approved mobile crane shall meet the requirements established by F.A.C. 15B-9.005. In to equipment identified by F.A.C.15B-9.005, District X requires the Vendor to carry the following tools, supplies and rigging:

- Alloy (grade #8) chain: 2 ea. 3/8"x 10', 2 ea. 5/8"x 10' and 4 ea. 1/2"x 10'
- Two pair (4), wide profile, 50-ton, nylon recovery straps
- Four heavy duty snatch blocks (working load matched to the wrecker)
- Various hooks, clevis' and chokers (matched to the wrecker capacity)
- 1 ea. High Pressure air cushion (24"x24") with control module and hose
- 4 ea. hardwood timbers (4"x6")
- 8 ea. hard wood cribbing (4"x4")
- 1 ea. Extension ladder (18 ft.)
- 1 ea. 36" bolt cutters
- 1 ea. BC Fire extinguisher (10 lbs.) or 2 ea. BC Fire extinguisher (5 lbs.)
- 1 ea. Long handle axe
- 1 ea. Long handle shovels (flat blade)
- 1ea. Long handle shovels (round blade)
- 1 ea. Street brooms
- 4 ea. Wheel chocks
- 1 ea. 5 ft. Pike bar
- 1 ea. Crow bars (36")
- 1 ea. Sledgehammer (10-12 lbs.)
- 1 ea. Hydraulic jack (20-ton)
- 1 ea. Plug/spill kits, fully stocked
- Angle iron or aluminum, wide flange various lengths
- 1 ea. Complete brake release kit: (hand tools, hoses, glad hands, numerous fittings, and brake caging bolts)
- 2 ea. Heavy duty, Industrial flashlights
- 12 ea. Thirty-six (36) inch, 12lb. reflectorized traffic cones stamped with the FDOT certified product number

- 1 ea. Commercial box 30-minute highway flares
- 120 lbs. or 30 gal. of oil dry or approved absorbent
- 50 ft. of rope (1/2")
- 4 ea. load binders, transport chains and cheater pipe
- 1 ea. Tarpaulin (Minimum size of 400 square feet)
- Digital camera with a minimum of 5 megapixels (may be carried on wrecker or support vehicle) or smartphone
- 2 ea. Rolls of duct tape
- 1 ea. Complete mechanics hand tool set
- 1 ea. Complete first-aid kit

E. Equipment List for Recovery Support Vehicle or Recovery Support Trailer

Items required in the Recovery Support Vehicle or Recovery Support Trailer pulled by a Support Vehicle:

- 60 ea. Thirty-six (36) inch, 12lb. reflectorized traffic cones stamped with the FDOT certified product number
- 4 ea. Fabric, MUTCD approved Incident Management Warning signs
- 4 ea. Portable sign stands for 48" warning signs (see above)
- 1 ea. Gas powered cut-off saw
- 2 ea. 500-watt Auxiliary flood lights w/stands
- 1 ea. Minimum 3,500-watt generator
- 1 ea. Portable air compressor or truck supplied compressed air
- 1 ea. Air impact wrench with sockets
- 1 ea. Air powered metal chisel
- 1 ea. Acetylene/Oxygen cutting torch
- 1 ea. Bolt cutters (36")
- 4 ea. Long handle shovels (flat blade)
- 2 ea. Long handle shovels (round blade)
- 2 ea. Aluminum or plastic coal or grain shovels
- 4 ea. Street brooms
- 1 ea. Refrigerator dolly
- 1 ea. Hand trucks
- 1 ea. Pallet puller
- 1 ea. Dock plate with clamps
- 2 ea. Large Tarpaulins (Minimum size of 400 square feet)
- 6 dozen 30-minute Highway flares
- 200 lbs. or 50 gals. of oil dry or approved absorbent
- 1 Roll of rubber floor runner (36" wide)
- 10 lbs. of 16D nails
- 8 2x4 studs
- 2 Rolls of heavy duty (80 gauge) stretch wrap with dispenser
- 4 Rolls of duct tape
- 4 load binders and securement chain for a 30-ton load
- 1 Case of heavy duty, 55-gallon trash bags (Minimum of 25 bags)
- 1 Roll of heavy gauge polyethylene plastic sheeting
- 1 ea. Complete first-aid kit
- 2 ea. Large capacity trash cans
- 1 ea. BC Fire extinguisher (10lbs.)
- 2 ea. Sewer drain, or inlet covers (mud flaps acceptable)

These tools, supplies and material are required as a minimum. It is expected that a professional recovery wrecker operation will supplement this list with all items needed to operate in a safe and efficient manner.

The "Vendor" grants the Florida Department of Transportation, the Florida Highway Patrol and local law enforcement the right to inspect the vehicles and equipment, or those of any subcontractor, upon request during normal business hours to establish or confirm that the Company is in compliance with the terms of this Agreement.