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STREET SWEEPER SPECIFICATIONS

Cab/Chassis

- Must be diesel engine; Shatterproof safety glass, dark tint windshield; Dual two-speed windshield wipers and washers; factory installed AC/Heater and defroster; high back air suspension bucket seats or mid-back in air ride seats for both operator positions.
- Full view mirrors with 8 "blind spot mirrors.
- Controls for all drive and sweeping functions shall be in-cab mounted.
- Engine protection system utilizing coolant temperature, oil pressure, etc.
- Chassis must have a minimum 33,000 pound GVWR and meet all current emission and motor vehicle standards

Electrical System, 12 Volt

- Std. Sealed multiple beam headlights with dimmer switch, combination stop, tail, backup and directional signals, hazard warning flashers, clearance lights, front side marker lights, inside cab dome light and instrument lights.
- Battery box/holder(s) shall be mounted to chassis easily accessible.

Brakes

- Full air, service complete, cam type
- Parking brake to be spring set with air release

Steering

- Full power hydraulic

Sweeping/Cleaning Equipment

- Hopper and all wear areas such as fan housing & pickup head shall be rust proof (resistant) of some sort such as stainless steel, aluminum, equivalent epoxy coated, replaceable liners, or other proven means.

Side or Gutter Brooms

- Located each side, center of sweeper; hydraulically driven and hydraulic or pneumatic raised, lowered, suspended, adjusted, and tilted with variable speed control with inside cab controls.
- Power tilt gutter brooms on both sides controlled from inside cab.

Vacuum Nozzles/(Vacuum Sweepers Only)

- Minimum 14" inside diameter pickup heads. For safety nozzles must automatically raise when truck is placed in reverse.

Pick-Up Sweeping Head

Minimum of 144" wide with 2" abrasion resistant steel shoes/runners, heavy duty 3/8" thick wall rubber hoses For safety head must automatically raise when truck is placed in reverse.

Water System

- Industrial grade polyethylene or stainless steel water tank to be standard of manufacturer with filler capacity, strainer and tank level indicator. Minimum of four (4) spray nozzles on main broom, two (2) on each side broom, one (1) to dampen debris being swept by suction nozzle, and a front spray bar, or additional nozzles for dusty areas being swept, all spray nozzles controlled separately on console inside cab.
- Inside cab 'low' water indicator required.
- Hydrant fill hose required, minimum 12 feet.
- A Stainless Steel mesh filter is required in the water system to prevent spray bars from clogging.

Engine, Sweeper

- Minimum 4-cylinder turbo charged diesel; engine should have air-cleaner with pre-cleaner, full flow oil filter, variable RPM control, temperature and oil and coolant level shut-off, and emergency shut-off.
- Engine compartment to be easily accessible from left and right for service.
- A shutdown shall be supplied which stops the engine when the hydraulic oil in the reservoir falls below the acceptable level required.
- A shutdown shall be supplied which stops the engine when the engine temperature and oil pressure falls below the acceptable level required.
- 12v system integrated with truck chassis for easy trouble shooting

Hopper

- Hopper shall be a minimum of 8.5 cubic yard capacity. Have access doors fitted on both sides with safety grab handles and step to allow for screen inspection and body load inspection

Instruments, Inside cab mounted

- Water temperature, oil pressure and diesel gauges for all engines, ammeter, speedometer/odometer, tachometer, electric hour meter for all engines, broom hour meter. All instruments are to be located on dash of cab, centrally located for good vision from operator position(s).

Control Panel

- Shall include all sweeping and auxiliary engine controls. The control panel shall be mounted forward in the truck cab to allow easy viewing and access to all controls from either operator's position.

Safety Systems

- Backup alarm when transmission is placed in reverse, all sweep functions shall stop rotating and raise-up.
- Two (2) top-mounted **LED warning** lights shall be supplied with light protector.

Paint

- Color of cab and sweeper to be "fleet white "

Complete unit must be manufactured in accordance with and meet the latest adopted OSHA or SAE standards and amendments thereto.