

**City of East Providence**  
**Specification for a:**  
**2007 Six wheel Catch Basin Cleaner**  
**W/ 4-way Plow**

**Model year:** 2007 or current

**Minimum Standard Equipment:**

**Engine:**

- \* 6 cylinder turbo charged diesel engine with a minimum 250 hp, Peak torque 660ft. lbs
- \* Engine to have wet sleeves and oil check and fill enhancement
- \* Engine block heater
- \* Spin on Fuel, Oil filters, and Water filters
- \* 5 year 50,000 mile warranty

**Transmission:**

- \* Allison 3500 series, 5 forward speeds RDS automatic transmission/w PTO provisions.
- \* Standard SAE opening on right side or one on the left side so that power takeoff may be installed without interference
- \* Electronic Transmission controls to be dash mounted
- \* Transmission oil check and fill with electronic oil level check
- \* Castrol Transynd fluid factory installed
- \* 5 year warranty

**Chassis:**

- \* Cab to Axle 84"
- \* Single channel frame
- \* Minimum 120,000 PSI yield and a Section Modules
- \* Full Front Steel swept bumper
- \* Front and rear tow hooks mounted to vehicle main frame
- \* 7 prong electrical trailer plug at end of frame

**Front Axle and Suspension:**

- \* 13,200 Lb. single front axle
- \* 13,200 Lb. anti sway multi leaf springs with 54" spread
- \* Heavy Duty Shock Absorbers
- \* I-Beam type power hydraulic steering, gear driven pump.
- \* Auto slack adjusters

**Auxiliary Spring Pack:**

- \* On rear- four leaf with not less than 4,599 lb.capacity

**Rear Axle and Suspension:**

- \* 21,000 Lb. single speed with magnetic drain plugs
- \* Locking differential
- \* 31,000 Lb. Multi leaf springs
- \* Auto slack adjusters
- \* Axle ratio to provide 55 to 60 MPH.

**Brakes:**

- \* Full vehicle anti-lock air brakes
- \* 15 x 4 Q-Plus type Front brakes, 16.5 x 7 Q-Plus type Rear brakes
- \* Low-pressure warning light and buzzer, maxi brake to hold vehicle
- \* Brake line air dryer with heater
- \* 18.7 CFM compressor
- \* Air trailer towing provision at end of frame
- \* Front and Rear brake dust shields
- \* Pull cables on all air reservoirs

**Electrical System:**

- \* (3) Heavy duty batteries with a total of 2700 CCA
- \* 145 AMP alternator and 12 volt starting
- \* Backup alarm to be activated when truck is put into reverse
- \* Wiring to be supervised by circuit breakers
- \* Jump start terminals required on battery box
- \* Battery box mounted on left side frame under cab

**Exhaust System:**

- \* Horizontal muffler, vertical tailpipe, cab mounted right side
- \* Protective cover where exposed to passenger entering cab
- \* Under frame routing
- \* Exhaust pipe will end with an angle so that rainwater will not enter

**Fuel Tank:**

- \* 50 Gallon aluminum diesel fuel tank clearly marked DIESEL
- \* Heated fuel water separator

**Tires:**

- \* Front tires shall be (2) 11R22.5G-14 ply steel belted hi-way tread design
- \* Rear tires shall be (4) 11R22.5G-14 ply mud and snow type design
- \* Spare tires and wheels mounted for front and rear axles

**Wheels:**

- \* Front and rear (6) 22.5 x 8.25 inch rims
- \* Hub-piloted I.S.O. wheels, seals front and rear oil lubricated wheel bearings

**Mud Flaps:**

- \* Installed behind front wheels
- \* Installed in front of and behind rear wheels that fully protect rear brake cans

**Cab Interior:**

- \* Custom quiet interior
- \* Air ride high back driver seat with full foam, heavy duty covering and arm rests
- \* Single fixed base/ high back passenger seat.
- \* Factory installed AM-FM-CD stereo/clock radio
- \* Tilt steering wheel
- \* High capacity Heater/Defroster/fresh air type with air conditioning
- \* 4 (four) additional switches in dashboard for body accessories
- \* Dual heavy duty electric operated intermittent windshield wipers
- \* Sun visors left and right side
- \* Adjustable fresh air vents
- \* Dog house not to protrude into the cab area more than 3 inches from floor firewall

**Gauges:**

- \* Dashboard will have all gauges, lights not acceptable
- \* Fuel level, oil pressure, coolant temp., transmission oil temp., engine hour meter speedometer, tachometer, primary and secondary air pressure

**Cab Exterior:**

- \* Two (2) entry handles mounted one on each side of cab near door jam
- \* Forward tilting hood with stationary grill
- \* Dual 16"x 7" rectangular stainless steel heated mirrors with clearance lights,
- \* 8" convex mirrors mounted below primary mirrors
- \* Factory tinted glass
- \* Single chrome air horns with snow shield
- \* Exterior cab sun visor

**Plow Package:**

- \* Heavy duty push frame: Low mount style tilt over plow hitch, 1/2" cheek plates bolted as far back on the frame as possible, 4 point push frame installed and operational including plow lights on custom hood mounted aluminum brackets.
- \* Viking heavy duty trip edge power reversible snow plow, 42" high steel Moldboard, cylinder type with cushion valve, 30 1/2" drive ears, bolt on cutting edge, installed and operational

**Painting:**

- \* Truck and body shall be primed with a minimum of one coat of metal oxide primer then painted to the highest standards with Dupont Imron paint Truck and body will be highway red. Plow hitch shall be finished with Black enamel paint. Running gear to be Black.

**Manuals, Parts Etc.:**

- \* Operator's manuals, repair manuals, for truck and all equipment must accompany vehicle on delivery. Electrical schematic drawings must be furnished. Bidder to have an adequate supply of replacement parts in stock. Three (3) year full warranty on vehicle.