

REFUSE TRUCK FOR PA DEPT.OF MILITARY and VETERANS AFFAIRS
MINIMUM SPECIFICATIONS

Intent Statement: To describe a cab and chassis equipped with a thirty-four (34) cubic yard front load compactor refuse truck to be used as trash removal unit for the Pennsylvania Department of Military and Veterans Affairs. Complete unit to be delivered FOB destination DGS Bureau of Vehicle Management in Harrisburg. The following shall indicate MINIMUM requirements including all genuine parts, accessories, equipment and safety features considered standard, whether mentioned herein or not. The vehicle shall be delivered with all applicable certifications, in compliance with PCID-1067, Delivery Requirements.

CHASSIS:

- 66,000lb. GVWR, minimum
- Wheelbase and cab-to-axle compatible with specified body and application
- Frame RBM compatible with intended use
- 120,000 psi, minimum high tensile frame
- Steel bumper
- Front tow hook(s)
- 70 gallon minimum fuel tank(s)

ENGINE:

- Turbo charged diesel
- 325 rated HP/ 1200 lb.-ft. Torque, minimum
- Temperature controlled on/off fan clutch
- Premium coolant and heater hoses with steel tubing
- One stage air cleaner
- Three (3) 12 volt batteries 1950 CCA @ 0 degrees F
- 160 amp alternator (aftermarket acceptable)
- Exhaust system - single horizontal muffler w/vert. pipe, aluminized steel exhaust stack and exhaust piping, single exhaust side outlet diffuser, single aluminum exhaust shields
- Heated fuel/water separator
- Fuel filter-secondary, spin on type
- Engine block heater
- Engine coolant filter/conditioner

TRANSMISSION:

- Allison 4500 RDS-6 series (minimum) automatic transmission
- Castrol Trans Synd automatic transmission fluid.

FRONT AXLE:

- 20,000 lb. minimum capacity
- Front automatic slack adjusters
- Front brake dust shields
- Visible oil seal caps
- Oil seals

- Heavy-duty shock absorbers

REAR AXLE:

- 46,000 lb. minimum capacity
- 70 MPH rear drive axle ratio
- Driver controlled locking differential, both axles (side-to-side)
- Tandem axle interaxle differential lock (front-to-back)
- Bendix ABS anti-lock brake control system or equal
- Automatic rear slack adjusters
- Rear brake dust shields
- Oil seals, tandem axle

LIGHTING:

- Daytime running lights
- Halogen headlights
- All body lighting shall be LED except backup lights

RADIO/MISC:

- AM/FM stereo
- Radio antenna
- Intermittent windshield wipers - single electric motor
- Standard windshield washer reservoir
- Keys, door lock and ignition same
- Emergency warning triangle kit

CAB EXTERIOR:

- Cab over with lift/tilt located in standard location
- Air horn
- Convex type mirrors, mounted below west coast mirrors
- Corrosion resistant heated west coast mirrors
- Tinted glass, all windows

CAB INTERIOR:

- LH & RH arm rest mounted to door
- Mat with foam back floor covering
- Air conditioning integral with the heater
- Fully adjustable air ride seat for driver and passenger
- Fully adjustable seat for passenger
- Full gauge package with hourmeter
- Manufacturer's most comprehensive gauge package
- Electronic idle control

TIRES/FRONT:

- 315/80R22.5, minimum, tubeless radial tires, appropriately rated for the GAWR, GVWR and application
- Rims/wheels - 22.5 x 9.0 hub piloted steel disc, standard color
- Hubs - steel hub piloted

TIRES/REAR:

- 11R22.5, minimum, M& S tubeless radial tires, appropriately rated for the GAWR, GVWR and application
- 22.5 x 8.25 one piece hub piloted rims

BODY:

- 34 cubic yard front load refuse compactor
- 8,000 lb. loader arms with cushion valve
- Front mount pump or hot shift PTO
- Hydraulic rear door with regenerating seal, warning lights and cylinder safety valves
- Mounted hydraulic oil tank with gauges
- Hoist body props and hoist cylinder safety valves
- 12 cubic yard hopper
- Lockout to prevent dumping behind packer
- Spherical rod ends with stress proof pins on all cylinders
- Hydraulic sliding hopper cover with warning light
- Bolt on forks
- Polyurethane white paint and primer
- Rear view camera with cab monitor
- Bolt on arms
- Mid body turn signals
- Auto pack with access door lockout
- Body access door
- 50 gallon sump
- Bolt on rubber arm stops
- In cab air controls
- rear underride guard
- Auto lock tailgate
- cab shield with extension
- Back-up alarm
- DOT reflective tape
- FMVSS clearance lights & reflectors

WARRANTY:

- Standard warranty provided by the manufacturer.

TRAINING:

- Manufacture shall provide “operator” training at delivery site location for the using agency