

CNG RECYCLING TRUCK FOR PA DEPT.OF GENERAL SERVICES

Intent Statement: To describe a cab and chassis equipped with a twenty-five (25) cubic yard rear load compactor CNG refuse truck to be used as recycling unit for the Pennsylvania Department of General Services. 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 hooks
- 70 diesel gallon equivalent (DGE) fuel tank(s) minimum

ENGINE:

- Turbo charged diesel
- 320 rated HP/ 1,000 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 rain cap, single aluminum exhaust shields
- Heated fuel/water separator
- Fuel filter-secondary, spin on type
- Engine block heater
- Engine coolant filter/conditioner

TRANSMISSION:

- Allison 4000 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

- 65 MPH rear drive axle ratio
- Driver controlled locking differential, both axles (side-to-side)
- Tandem axle interaxle differential lock (front-to-back)
- Bendix ABS 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

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:

- Low Profile Cab Over or Day Conventional cab w/fiberglass tilting hood and integral fenders
- Bug screen mounted behind grille
- Air horn
- Down view mirror over passenger door
- 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
- Full gauge package with hourmeter
- Manufacturer's most comprehensive gauge package
- Electronic idle control

TIRES/FRONT:

- 11R22.5, 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:

- 25 cubic yard rear load refuse compactor
- 8 ton load capacity
- 5 ton capacity winch reeving system
- Toter lifter/dumper
- Dock-level operation handles
- Ground-level operation handles
- Corrosion resistant heated west coast mirrors
- 6" minimum convex mirrors mounted on front fender
- Low step for easy cab entrance and exit
- Grab handle for right hand on passenger side of cab
- Reverse view camera with cab monitor
- Hopper work lights
- mud flaps on front of tandems
- Body side access door
- Minimum 3 cubic yard hopper
- 80,000 psi body
- Tailgate service props
- Hot shift (direct mount) PTO with overspeed protection
- Underbody mounted hydraulic oil tank with gauges
- 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