

1. General:

These specifications describe the minimum requirements for one (1) Medium Cab & Chassis Truck with a Dry Van Body. The vehicle shall be new and meet all applicable Federal Motor Vehicle Safety Standards (FMVSS) in effect at the date of manufacture.

Any additions, deletions, or variations from the following specifications must be noted. Any items appearing in the manufacturer's regular published specifications furnished by the Bidder are assumed to be included. Any additions, deletions, or variations from the manufacturer's regular published specifications must be outlined.

2. Capacity: The maximum GVWR shall be 26,000 lbs. The minimum GVWR shall be 25,000 lbs.

3. Engine: The engine shall be a Cummins ISB 6.7, or equal, diesel engine rated at 250 HP @ 2,300RPM, 660 lb-ft @ 1,600 RPM minimum.

4. Transmission: Shall be an Allison 2200 RDS, or equal automatic transmission.

5. Axles: The front, non-driving axle shall have a minimum capacity of 10,000 lbs. The rear axle shall have a minimum capacity of 19,000 lbs. Single rear axle shall have an axle ratio of 5.13. Both axles shall have synthetic lube.

6. Suspension: Rear suspension shall be an air ride suspension with a minimum capacity of 21,000 lbs. and shall include shock absorbers. Shall include an ignition controlled electric dump switch for the air suspension with an autofill override valve.

Front suspension shall be a taper leaf type with 10,000 lbs. minimum capacity and shall include shock absorbers.

7. Wheels and Tires:

a) **Wheels:** Front wheels shall be Accuride 29637 Accu-Lite 22.5X8.25 10-HP 6.16 inset 10-HD steel, or equal. Rear wheels shall be Accuride 29637 Accu-Lite 22.5X8.25 10-Hub pilot 10-Hand steel, or equal.

b) **Tires:** Front tires shall be Bridgestone Ecopia R268 11R22.5 14 Ply Radial, or equal. Rear tires shall be Bridgestone M770 11R22.5 14 Ply Radial, or equal.

8. Cab: Shall be a conventional, flat-roof day cab with 106" BBC. To include air cab mounts, non-removable bug screen mounted behind grille, and LED aerodynamic marker lights.

9. Exterior Color: Exterior color shall be white.

10. Brakes: Shall be an air brake system with steel air brake reservoirs mounted inside the rails and pull cables on all air reservoirs.

11. Radio: Vehicle shall have OEM AM/FM clock radio installed. The instrument panel shall have lamps sufficient to illuminate all instruments. All lights, switches and controls shall be marked in accordance with FMVSS 101.

12. Fuel Tanks: Fuel tank(s) shall have a minimum capacity of 80 gallons.

13. Seating:

- a) **Driver:** Air suspension driver seat with mechanical lumbar adjustment and dual armrests.
- b) **Passenger:** Two (2) person passenger seat.

14. Air Conditioning: To include integral heater and defroster.

15. Exhaust System: Shall be horizontal. Shall include DEF tank 100% filled.

16. Alternator: 12 Volt 160 amp capacity, pad mount with remote voltage sensor.

17. Additional Equipment: The following items are supplementing, if necessary, those items already catalogued as standard shall be furnished and installed:

- a) Adjustable tilt and telescoping steering column
- b) Electric door locks and electric powered windows
- c) 2 ½ lbs. fire extinguisher
- d) Triangular reflectors
- e) Dual west coast mirrors
- f) Single 14" air horn

18. Dry Van Body

- a) 24' length by 96" minimum width.
- b) Subframe shall have 3" I-Beam crossmembers on 12" centers with 4" longrail and four (4) extra crossmembers at rear on 6" centers. Mylar tape, or equal, shall be applied between all steel subframe components and extruded aluminum lower bottom rails to prevent corrosion.
- c) Side walls shall have extruded aluminum top and bottom rails with 1 3/8" deep galvanized steel z-shaped vertical posts installed on 16" centers on each side.
- d) Skin shall be 0.040 aluminum riveted to the side walls. Exterior shall be white.
- e) Floor shall be 1 1/8" laminated hardwood fastened to the subframe with two (2) countersunk screws per floor board per cross member in a staggered pattern. Floor boards shall be ship lapped and pre-undercoated.
- f) One piece roof shall be 0.032 aluminum with anti-snag roof bows on 24" centers with crowned roof design to prevent water pooling. To include corner caps.
- g) Threshold shall be steel diamond plate flush to rear 1/8"X24" routed edge into floor.

- h) Scuff plates shall be 12 GA galvanized steel 16" high on all sides. Scuff backing shall be 3/4" plywood 16" high.
- i) Slats shall be 3/4"X3" solid hardwood. Slats to be located at 23", 40", 50", 72", and 85" centerline to floor with 2" tolerance.
- j) Side and front e-track to be post mounted at 30" and 60" from top of floor to center of track.
- k) Interior lighting to include two (2) interior LED dome lamps on same circuit with switch with indicator mounted in cab dash.
- l) Liftgate shall be 60"X80" aluminum wedge platform liftgate.

19. Descriptive Literature: Two (2) copies of descriptive project advertisement – literature (brochures) must be furnished within seven (7) days of request by OSP.

20. Product Support Literature: Successful vendor shall supply copies of the following literature.

- a) Owners/operators Manual (one copy)
- b) Service Manual (one copy) – discs ok

21. Warranty: Copies of all manufacturers' standard product warranties along with warranties covering any equipment sub-systems (engines, tires, accessories, etc.) attached to the principal equipment. The warranty of each unit shall include chassis, engine, transmission and drive train, DPF, SCR, etc.

The Manufacturer will state where warranty maintenance work may be obtained in Louisiana. Belts, brake pads, filters, tires, fluids, light bulbs, etc., will not be included in warranty (normal everyday wear and tear items).

Any materials, specialties, equipment or accessories that prove defective in normal operation within the warranty period will be replaced or repaired by the manufacturer free of any and all cost to the vehicle operator, including material and labor.

The successful bidder will furnish warranty replacements and/or repairs promptly.

The bidder will provide written assurances and warranty certifications with the bid package regarding warranty repairs.