

**COMMONWEALTH OF PENNSYLVANIA**  
**PENNSYLVANIA COMMERCIAL ITEM DESCRIPTION (PCID)**

**Paratransit Rear Entry Mini Van (Converted Van Type Passenger Vehicle)**

PCID NO. 1143

Eff. December 13, 2016

(Supersedes PCID 1143. eff. 18 April 2011)

This PCID covers requirements for a Passenger Type Mini Van, equipped for forward facing wheelchair spaces, fold down flip seats and/or fixed seats.

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 comply with all applicable Federal Safety Standards and ADA Requirements. **One (1) seating layout will be defined in these specifications. Bidders must be able to supply the layout. A manufacturer's floor plan layout shall be supplied with your bid. Failure to supply any of this information shall be cause for bid rejection. All required Federal Transit Administration's certification forms must be included in the bid proposal.**

**Required Equipment**

**CHASSIS:**

6,050 lb. GVWR, minimum  
Wheelbase and cab-to-axle compatible with specified floor plan  
Front and rear bumpers  
Heavy-duty suspension

**ENGINE:**

Minimum 3.6L OHV FFV V6 gas engine  
Cooling with coolant recovery system

**TRANSMISSION:**

Six (6) speed automatic

**FRONT AXLE:**

GAWR compatible with specified GVWR and application  
Heavy-duty front shock absorbers  
Power steering  
Steering Stabilizer  
Front end alignment shall be done by the distributor prior to delivery with alignment sheet attached.

**REAR AXLE:**

GAWR compatible with specified GVWR and application  
Heavy-duty rear shock absorbers  
Load Leveling Suspension System

**BRAKES:**

Brakes on all wheels shall be heaviest duty available from the Original Equipment Manufacturer (OEM). The vehicle shall be equipped with an antilock brake system if available from the Original Equipment Manufacturer.

**ELECTRICAL:**

Remote controlled, dual low-mounted type exterior rear view mirrors, 5" x 8" minimum

Minimum 160 amp capacity alternator

Gauge for water temperature

12 volt maintenance free battery system 500 CCA @ 0 degrees F.

Schematic for all added electrical equipment that shows where added equipment was electrically attached to existing factory electric power.

**FUEL TANK(S):**

Fuel tank capacity, maximum available from the manufacturer of model bid.

**WHEELS AND TIRES:**

Wheels and radial tires compatible with specified GVWR.

Spare wheel and tire shall be mounted inside of van.

**BODY:**

Dual electric windshield wipers with intermittent feature

Electric horn

LED under hood light

Dual windshield washers including antifreeze type solvent

Manufacturer's standard AM/FM CD radio with dual rear compartment speakers

Bucket type driver and front passenger seat with air bags

Armrest and sun visor for driver and passenger seat

Windows in all doors and quarter panels (windows all around)

Privacy glass package as supplied by OEM

Dome lights (1 front and 1 rear) with switch on dash

Day/night inside rear view mirror

Necessary insulation shall be provided throughout the vehicle (ceiling and walls) to insure maximum heat and cooling efficiency

Back-up alarm system

Front and rear mud flaps

Tilt steering

Cruise control

Power locks, mirrors and windows

**AIR CONDITIONING/HEATER:**

Manufacturer's recommended chassis front and rear combination air conditioning and heating

**FLOOR MODIFICATION:**

A lowered floor is to be provided on each vehicle of no more than 17" to meet ADA requirements. The floor shall be lowered from behind the driver's and front passenger seats to the rear of each vehicle. The highest

possible quality of construction is required. Each vehicle shall be reinforced such that the structural integrity of the basic van is not degraded. Ground clearance shall be no less than 6 inches.

The lowered floor section shall be covered, wall-to-wall, with a non-skid type one-piece wall-to-wall rubber floor covering, RCA Rubber or equal. Edges shall be sealed and caulked.

**WHEELCHAIR RAMP/DOOR:**

The wheelchair ramp shall be a fold down type. The ramp shall provide a smooth and straight incline surface from the ground to the van floor level. The ramp shall allow a wheelchair containing a handicapped person to be pushed from ground level into each van or rolled out of each van to ground level. Protective edge flanges shall be provided on the ramp to prevent the wheels of a wheelchair from rolling off the edge of the ramp. No center steps or toe-cleats will be allowed. The ramp surface shall be continuous and slip resistant: shall not have protrusions from the surface greater than 1/4 inch high: shall have a clear width of 29.2 inches and shall accommodate both four-wheel and three-wheel mobility aids.

The ramp shall be constructed of expanded metal, diamond plate aluminum or aluminum and covered with non-slip flooring. Ramps 30 inches or longer shall support a load of 600 pounds, placed at the centroid of the ramp distributed over an area of 26 inches by 26 inches, with a safety factor of at least 3 based on the ultimate strength of the material.

Each side of ramp shall have barriers at least 2 inches high to prevent mobility aid wheels from slipping off.

Ramp slope shall meet ADA requirements.

A rear entry wheelchair ramp door shall be provided.

One wheelchair location shall be supplied with the vehicle.

**WHEELCHAIR TIE DOWN SYSTEM:**

Wheelchair securement location and seat belt/shoulder harness system must be in accordance with ADA Requirements. Sure-Lok Titan System, Q-Straint Deluxe QRT Restraint System or approved equal. Locks shall also be capable of adjustment to properly fit various sizes of wheelchairs. Recessed track shall be supplied for attachment of wheelchairs in accordance with ADA Requirements.

**EXTERIOR PAINT AND INTERIOR COLORS:**

Vehicle exterior paint shall be a "white" finish as the standard color. Interior ceiling and walls shall be the standard color as provided by the manufacturer.

**VEHICLE UNDERCARRIAGE:**

Vehicle undercarriage shall be undercoated for rust prevention and noise reduction.

**FIRE, FIRSTAID AND EMERGENCY EQUIPMENT:**

First Aid Kit (Johnson and Johnson First Aid Kit #8172 or approved equal).

Five pound dry chemical type A-B-C fire extinguisher

Emergency warning triangle kit

OSHA approved Body Fluids Clean-Up Kit shall be provided.  
These items shall be securely stowed or mounted in each vehicle interior.

**OPTIONS:**

1. 8 Way driver's power seat base
2. Second row power windows and rear quarter power windows
3. Altro flooring.
4. Automatic Passenger Side Entry Door
5. Automatic Ramp
6. Two (2) Camera, Windshield Mounted Recording System

A two (2) camera windshield mounted, video system shall be a continuous loop recording system with 8 hours of continuous recording with data stored on a removable solid state drive. Video and audio shall have the capability to replay on any computer without the need of special software. The camera shall be provided with a tamper resistant lockable security enclosure with an upgraded night night vision LED Module. No subscription of annual fee required. Rosco Dual-Vision DV101E, Zen-Tinel CFR-WM or approved equal.

**Material Master** – No Material Master established for this commodity.

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