

Specifications - Invitation for Bid 6100064811

**ISSUING OFFICE**



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF GENERAL SERVICES  
BUREAU OF PROCUREMENT  
1800 Herr Street, 2<sup>nd</sup> Floor  
Harrisburg, PA 17103

- ON BEHALF OF-

Department of Corrections (DOC)

11/03/25

1. **Purpose:** The Commonwealth of Pennsylvania- DGS/BOP is issuing this Invitation for Bid 6100064811 (IFB) for the purchase of 1 Dry Van Trailer.

**Method of Award:** It is the intent of the Commonwealth to make a single award of item(s) listed in the IFB to the lowest responsive and responsible bidder. The Commonwealth reserves the right to award by line item if it determines that it is in the best interest of the Commonwealth to do so.

**Issuing Office:**

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2. **REQUIREMENTS:**

- A. Lobbying Certifications and Disclosure, BOP-1307
- B. Reciprocal Limitations Act, GSPUR-89
- C. Iran Free Certification and Disclosure
- D. Worker Protection Act, BOP-2201
- E. OEM Letter (If Applicable)

3. **Bid Specifications:** Bid number 6100064811

The purpose of these specifications is to describe dry freight van body trailer intended for use by the Pennsylvania Department of Corrections to transport freight throughout the state. The trailer will be operated with forklifts and shall be equipped accordingly. The specifications outlined herein are considered minimum requirements. The completed trailer must comply with all current DOT and Pennsylvania laws and regulations, as well as Federal Motor Vehicle Safety Standards.

**Model Year**

2027 or current model year  
GVWR: 65,000

**Geometric Dimensions**

Serial Plate: U.S. Certification Plate  
Overall Height: 13' 6"  
Overall Length: 53' 0"  
Overall Width: 102.36"  
Upper Coupler Height: 47"  
Kingpin Location: 36.00"  
Landing Gear Location: 98.5" From Kingpin  
Wedge: .50" Wedge  
Undercarriage Design: Tandem Axle, Air Slide, Air-Ride Suspension, 49" Axle Centers

**Front**

Front Corner Type: 6" Radius  
Front Corner Sheet: Aluminum 0.050"  
Front Sheets: Aluminum, 0.050"  
Front Upright: Six (6) 16ga STL, 2.5" Hats  
Front Vents: None  
Electrical Connector and Gladhand Location: Offset Roadside, Overlaid

Hose Couplers (Gladhands): Control and Supply with Red/ Blue Urethane Seals  
Document Holder: Standard at Roadside Front  
Aerodynamic Fairings: Front None

#### Side Exterior and Structural

Side Sheet Material: Aluminum 0.050"  
Side Sheet Texture: Flat  
Side Post Type: Logistic, 0.83" Sgl-Punch "A" (14 Gauge)  
Side Post Spacing: 24" Centers  
Bottom Rail Fasteners: 0.38" Aluminum Rivets  
Rub Rail Type: Extruded Aluminum Rub-Rail, One (1)  
Rub Rail Location: APPROXIMATELY 19" ABOVE THE BOTTOM OF THE BOTTOM RAIL.

#### Rear

Rear Frame Type: Stainless Steel Roll up Door Frame  
Header Type: Roll up Door, Shallow  
Rear Lift gate: None  
Rear Door Entry: Rollup Door Seals on Buck plate  
Rear Bumpers: Rubber Dock Bumper  
Rear Impact Guard: Stainless Steel Rear Impact Guard, Bolt on Vertical, Weld On Horizontal  
Dock Lock Bracing: None  
Rear Access System: Fixed-Step Curbside and Recessed Handhold Curbside  
Rear Bottom Rail Reinforcing: Stainless Steel Reinforcement  
Tag Bracket Location: Standard

#### Rear Door

Rear Door Type: Rollup Rear Door, Whiting, Plastic-Faced  
Rollup Door Locking Device: None  
Door Track Protector: Galvanized 48" Door Track Protector

#### Roof

Roof Bows: 1" Galvanized Steel, 24" Centers  
Roof Sheet: 0.075" XLR Fiberglass

#### Floor

Type of Floor: Hardwood, Lam. 1.38" Pro-lam w/ Polyurethane Undercoating Full Length  
Quantity of Wood Floor Screws: 3 Screws per Board  
Hardwood Floor Finish: Water Repellant coating - Rear 8'  
Threshold Plate: HDGV Steel Diamondette, 0.125" x 27"

#### Lining/Scuffband

Side Lining: 0.100" Puncture Resistant Fiberglass Lining  
Front Lining: 0.100" Puncture Resistant Fiberglass Lining  
Ceiling Lining: None  
Rear Door Lining: Rollup Rear Door Lining  
Rows of Front Scuffband: 1 Row  
Rows of Side Scuffband: 1 Row  
Sidewall Cargo Restraint: None  
Quantity of Rows of Logistic track: 3 Rows Horizontal

#### Scuff/Logistic Track

Type of Front Scuffband: 12" Galvanized Steel, 18 Gauge

Front Scuffband Location: Installed at Floor Level

Front Scuffband Position: Overlaid

Type of Side Scuffband (Row One): 12" Galvanized Steel 18 gauge

Scuffband Location (Row One): Installed at Floor Level

Side Scuffband Position (Row One): No Lining behind Scuff band, Lining up to top rail

Type of Track and Length: "A" Overlaid On Lining, Full Length, Each Side

Track Height (First Row): 36" Floor to Centerline

Track Height (Second Row): 60" Floor to Centerline

Track Height (Third Row): 76" Floor to Centerline

### **Understructure**

Upper Coupler Type: 3.50" Channel

Bottom Plate Thickness: 0.31" with Rolled-Lip

Landing Gear: Mark V No-Lube Galvanized, 10 yr. Vendor Warranty with Heavy Duty Reinforcement

Landing Gear Foot/Shoe Type: 11.4" X 11.4" Removable Cushion Foot

Landing Gear Handle location: Roadside

Landing Gear lube System: Standard Lube System

Tire Carrier: None

Crossmembers Ahead of Landing Gear: Galvanized Steel Hat Type on 12" Centers, 2" Deep

Crossmembers Over landing Gear: 4" Galvanized Steel I-Beam on 12" Centers

Bay Area Crossmembers: 4" Galvanized Steel I-Beam on 12" Centers

URG Crossmembers: 4" Galvanized I-Beam on 12" Centers

Extra Crossmembers at Rear: 8" centers Last 8' of Body (3 extra typical)

### **Aerodynamic Devices**

Aerodynamic Fairings: Skirts, Tails, Gap Reducers-FleetAero Trailer Blade, Flat Panel, No Substitute.

### **Suspension**

Model of Suspension: Hendrickson HKANT40K, No Substitute.

Axle Type: Hendrickson/Bendix Disc Brake Parallel Spindle Std. Wall, No Substitute.

Locking Mechanism: Air-Assist Pin Release

Dump Valve: Surelok Feature, No Substitute.

### **Rear Ramps and Mud Flaps**

Mud Flaps: Anti-Sail, Standard Black

Mud Flap Quantity/Bracket Material: 1-Pair

Mud Flap Mounting location: On Undercarriage

### **Brakes, Tire Inflation Systems and Wheel Ends**

Brake Size: Furnished With Disc Brake System

Brake Actuators: Furnished With Disc Brake System

Brake Lining: Furnished With Disc Brake System

Brake Shoe Type: Furnished With Disc Brake System.

Brake Adjusters: Furnished With Disc Brake System

Dust Shield Type: Furnished with Disc Brake

Tire-Inflation-System/Tire/Wheel Options: Hendrickson TIREMAAX PRO No substitute.

Tire Inflation System Pressure: Standard Pressure Setting

Axle System lube Type: None

Wheel Seals: Furnished With Disc Brake System

Axle Spindle Nuts: Furnished With Disc Brake System

Hubodometer: Matched to Tire Size and Wheel. Located on LF Wheel.

Hubcaps: Hubcap to Accommodate Tire Inflation System, One to Accommodate Hubodometer

Wheel Lubricant: Non-Synthetic Oil Furnished With Disc Brake System  
Anti-Lock Brakes: Bendix 2S/1M TABS6, No Substitute.  
Brake Valves: Bendix SR-5, No Substitute.  
Air-Tank Drain Valve: Manual

### **Tires/ Wheels / Hubs and Drums**

Rim/Disc Wheel Size: 22.5" X 8.25"  
Hub/Wheel and Drum: Dressed Wheel End System, 10 Stud Hub Piloted Iron Hubs, With Rotors For Disc Brakes  
Wheel Type: 22.5" Polished Aluminum Disc Wheel, Hub Piloted  
Wheel Stud Options: Long Studs for Future Alum Wheels  
Wheel Spacer (Corrosion Barrier): Spacer between Hub and Disc Wheel  
Tire Size: 275/80R22.5  
Tire Brand/Type: Michelin XLET2 (G) No Substitute.  
Spare Tire: None

### **Electrical**

Exterior Light Package: All Lights LED, Grote Long Life Light System, Grote MicroNova Dot Lamps or Trucklite Brand.  
Electrical Connector Type: Standard 7-Way Solid Pin  
Front Top Rail Lights Location: 1 Top Mounted on Side Roadside and Curbside  
Buckplate light Type: Grote Series 40, LED Flange Mount or Trucklite Brand.  
Buckplate Lights Qty. & Loc: 2 Each Side  
Stainless Theft-Resistant Flange for LED lamps: Installed on Buckplate lamps with Stainless Rivets  
Rear Header Light Locations: Center Cluster of 3 with 1 Each Side Outboard Corner, Dual Intensity  
Brake Indication & Turn Signal  
Top and Bottom Side Marker lamps/Location: 9 Each Side Top and Bottom Rail Evenly Spaced  
(Midship turn lamp counts as one of the nine on bottom when present)  
Midship Turn Signal: Grote or Trucklite Brand, LEO Combination Turn and Clearance  
Location of Turn Signal: Roadside and Curbside, Center of Trailer  
Installation of Turn Signal: Install Below Bottom Rail

### **Electrical Interior**

Dome Light Quantity: 3 Dome Lights  
Dome Light Vendor/Type: Grote Rectangular or Trucklite Brand. LED w/ Motion Detection  
Dome Light Location: Center in Ceiling, Evenly Spaced length-wise, Measuring Front to Roll-Up  
Door in up-position  
Dome Light Switch: One Switch, nose Mounted Programmable Timer

### **Finish/Paint/Decal**

Front Finish: Pre-Painted White  
Side Finish: Pre-Painted White  
Rivet Color: Unpainted  
Top Rail Paint: None  
Bottom Rail Paint: None  
Rear Frame Finish: None (Stainless Steel)  
Rear Door Finish: Pre-Painted White  
Undercarriage Finish: Black coating (corrosion-resistant)  
Wheel Finish: Standard Polish Inboard, Mirror Polish Dish Side Outboard  
Upper Coupler Finish: Standard Coating  
Landing Gear Finish-Hot Dipped Galvanized Wingplates, Fore/Aft Bracing K Brace, Cross Shaft, and Legs

Upper Running Gear Finish: Standard Coating

Conspicuity Treatment Location: On Side Sheet, and Read Door & ICC Bumper

Installation of Customer Decals: Install customer decals Per PCI Pennsylvania Correctional Industries Specifications.

**Miscellaneous**

Mask all ZERK fittings for corrosion-resistant application