

**Specifications**  
**Invitation for Bid 6100065250**

**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**

**PA Department of Military and Veterans Affairs (DMVA)**

**01/29/2026**

1. **PURPOSE:**

This Invitation for Bid 6100065250 will be for the purchase of **one (1) new and unused Heavy Duty Dump Truck with Front and Rear Tow Hooks**  
**(NO SUBSTITUTION)**

2. **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.

3. **ISSUING OFFICE:**

Char Riley | Commodity Specialist  
Equipment Procurement Section  
Department of General Services | Bureau of Procurement  
1800 Herr Street, 2<sup>nd</sup> Floor | Arsenal Building | Harrisburg, PA 17103  
Phone: 717.346.4868  
E-mail: [chariley@pa.gov](mailto:chariley@pa.gov) | web: [www.dgs.pa.gov](http://www.dgs.pa.gov)

4. **SPECIFICATIONS:**

To describe a heavy-duty cab and chassis equipped with a 15 1/2' Heavy Duty steel dump body to be used primarily in off road use, however must be licensed for highway use. Completed unit to be delivered FOB destination DGS Bureau of Vehicle Management in Harrisburg. The following are 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.

5. **CHASSIS:**

- 72,000 lb. GVWR and 100,000 GCWR, minimum
- Wheelbase and cab-to-axle compatible with specified body and application, 22" Minimum -24" Maximum of overhang measured from rear of rear tire to end of body where material is discharged.
- Frame RBM Min. 3,580,000, 29.8 5M. minimum double frame with full length inside reinforcement with rust protection between frame rails and liners.
- 120,000 psi, high tensile frame material
- Extended swept back steel channel front bumper flat bumper not acceptable
- Front and Rear Tow hooks
- Crossmembers Back of cab and intermediate Heavy Duty I-Beam
- 66 Gallon minimum Aluminum Fuel tank with Stainless Steel Straps
- Air Dryer- heated, w/ turbo cut off valve w/ coalescing oil filter
- Air tank drain valve heated on supply tank with lanyards on all other tanks
- Supply two (2) valve dual brake system - Trailer Supply and Tractor-trailer park brake
- Hand control valve for trailer OR rear service brakes- dual function

- Trailer air brake and electrical connections end of frame
- Glad hand connections- North American Std.

6. **ENGINE:**

- 425 HP / 1550 lb. ft. Torque, with mechanical Engine Brake, minimum
- Extended life coolant with premium rubber hoses with constant torque clamps.
- Three (3) 12V batteries 2280 CCA @ 0 degrees F
- 165 AMP brushless alternator
- Bug screen behind grill
- Exhaust System- single horizontal DPF / SCR with single vertical exhaust pipe, cab mounted 0" setback behind cab.
- Fuel Filters- standard two (2) filters with integral drain valve on primary
- 120V 1500W Engine Block Heater
- Furnish Tether devices/ cap retainer for oil fill and radiator overflow tank

7. **TRANSMISSION:**

- Allison 4500 RDS 6 Spd. (minimum) automatic transmission
- Transynd Automatic Transmission Fluid.
- Driveline- Main and intermediate Spicer SPL 250HDXL /SPL 170XL
- Transmission Oil Cooler Lines- Stainless Steel

8. **FRONT AXLE:**

- 20,000 LB. Minimum Capacity
- Automatic Slack Adjusters
- Front Dust Shields
- Heavy Duty Shock absorbers

9. **REAR AXLE:**

- 52,000 lb. minimum capacity, Dual Reduction only
- Heavy Duty 52,000 lb. suspension - note air ride is NOT acceptable
- 55" Rear Axle Spread
- 65 MPH rear drive axle ratio
- Tandem axle interaxle differential lock (front-to-back)
- Driver controlled locking differential, both axles (side-to-side)
- Automatic rear slack adjusters
- Rear brake dust shields
- Rear parking brake chambers 30/30 type minimum both rear axles
- 3" Long Stroke
- Bendix Traction Control with override switch
- Synthetic Lube

**10. LIGHTING:**

- Daytime running lights
- Heated LED headlights
- LED Marker lights
- All Body Lighting shall be LED

**11. RADIO/MISC:**

- AM/FM Stereo-MP3, Weatherband, Bluetooth
- Antenna Cab Mounted behind Left or right door not to interfere with dump body cab protector
- CB Radio Provisions mounted on dash or header console
- CB Antenna provide prep kit for mirror mounted CB antenna less antenna
- Standard windshield washer reservoir

**12. CAB EXTERIOR:**

- Single Air Horn, roof mounted
- Mirrors- Aerodynamic moto mirror package RH/LH motorized and heated
- Convex type mirrors, heated, mounted below moto mirrors
- Tinted glass, all windows.
- Cab suspension - rear air
- Auxiliary window in RH Door

**13. CAB INTERIOR:**

- Tilt - Telescopic steering wheel
- Emergency warning Triangle kit
- 5 lb (ABC rated) fire extinguisher mounted between LH seat base and door
- Mat- heavy duty rubber with foam back floor covering
- Air conditioning integral with heater
- Driver seat- Air High back 1 chamber air lumbar vinyl covering with inside arm rest
- Passenger Seat- Fixed High Back, vinyl covering
- LH & RH outer armrests provided or as part of the driver's door
- Interior sun visors both sides
- Standard gauge package
- Interior dome lights
- Dash mounted indicator BODY UP lamp - upfitter shall use this indicator
- Body Builder interface provided under cab with NO holes in floor or cab

**14. TIRES/FRONT:**

- 315/80R22.5L minimum, tubeless radial tires 20,000 lb. rated
- Rims/wheels- 22.5 X 9.0 10 hole hub piloted steel disc powder coat gray
- Hubs- Ferrous
- Protective nylon spacer between wheel to drum

**15. TIRES/REAR:**

- 11R24.5H 16Ply Minimum M & S Bridgestone L320 or equivalent
- Rated for 52,880 lbs.
- Rims/Wheels- 24.5 X 8.25 hub piloted steel disc powder coat gray
- Protective nylon spacer between wheel to drum

**16. BODY:**

- 15 ½" Heavy Duty Steel Dump Body
- High Strength Light weight steel 3/8" full length floor Brinell 450
- Front Material 1/4" Brinell 450
- Longsills" 8" x 1/4" Brinell 250
- 54" 1/4" Brinell 450 sides with five (5) Vertical Braces per side and 6" Board
- Tail gate - 60" (2-Panel) 1/4" Brinell 450 High Reach Air Activated Gate
- Heavy Duty Hoist Cylinder with 40-ton Cradle and hinge assembly
- Heated
- Full Cab Protector - 30" x 90"
- Coal Door
- Air Tail Gate bottom latch release
- LED Lighting
- Body up indicator kit-Must utilize the Chassis Provided "Body Up" lamp
- Back-up Alarm
- DOT reflective tape
- Hot shift PTO
- Console floor mounted between drivers and riders seats for Air PTO, Tailgate latch, tailgate
- Lift, Body up/down controls
- Full gloss black paint
- 22-24" overhang
- Recessed tail lights
- Install Heavy Duty 1" Bolster Beam, 30 Ton Pintle Hook (removable) Air and Electric lines
- (provisions provided to the end of the frame by chassis mfg.), (2) D-Rings
- Shovel holder
- Steel Ladder Drivers side front.
- Safety Tread walk rail left and right hand sides.
- Tailgate chains w/ brackets left and right, (2) safety turnbuckles
- NO Dump Apron or Spreader Pan
- Frame mounted Steel oil tank

**17. WARRANTY:**

- Standard Warranty provided by the manufacturer

**18. TRAINING:**

- Manufacturer shall provide "operator" and "basic mechanic" training at location for the using agency