

IFB 6100059011 Game Commission 2 Dump Trucks Specifications

GAME COMMISSION TANDEM AXLE CAB AND CHASSIS, 64,000 LB. GVWR DUMP TRUCK

Intent Statement: To describe a diesel engine cab and chassis, tandem axle, 64,000 lb. GVWR two-wheel drive, unit to be used for the game commission. 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.

- CHASSIS:**
- 64,000 lb. GVWR
 - Wheelbase and cab-to-axle compatible with specified body and application
 - 2.5 million in./lb. minimum RBM per rail
 - 120,000 psi, minimum high tensile frame
 - Steel bumper
 - Front tow hooks
 - 93 Gallon minimum aluminum fuel tank
- ENGINE:**
- Turbo charged diesel
 - 425 rated HP/1550 lb. -ft. Torque, minimum
 - Temperature controlled on/off fan clutch
 - Extended Life coolant and heater hoses with steel tubing
 - One stage air cleaner
 - Three (3) 12-volt batteries 1950 CCA @ 0 degrees F
 - 130-amp brushless alternator
 - Exhaust system - single horizontal muffler w/vert. pipe, aluminized steel exhaust stack and exhaust piping, single exhaust curbside-turnout, single aluminum exhaust shields
 - Heated fuel/water separator
 - Engine block heater
- TRANSMISSION:**
- Allison 4500 series automatic transmission, (no substitute).
- FRONT AXLE:**
- 18,000 lb. minimum capacity -
 - Front automatic slack adjusters
 - Front brake dust shields
 - Heated air dryer
 - Visible oil seal caps
 - Oil seals
 - Heavy-duty shock absorbers
- REAR AXLE:**
- 46,000 lb. minimum capacity w/ 46,000 lb. walking beam suspension with transverse torque rods
 - Driver controlled locking differential, both axles (side-to-side)
 - Tandem axle interaxle differential lock (front-to-back)

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- Bendix ABS brake control system or equal
- Four chamber parking brake
- Engine compression brake
- 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
 - Power and ground connections for CB radio
 - CB hold down plate shall be mounted for convenience of driver
 - Power windows and door locks
 - Intermittent windshield wipers - single electric motor
 - Standard windshield washer reservoir
 - Keys, door lock and ignition same
 - Emergency warning triangle kit
 - Fire Extinguisher, mounted LH Side of driver's seat

- CAB EXTERIOR:
- Day Conventional cab w/fiberglass tilting hood and integral fenders
 - Bug screen mounted behind grille
 - Air horn
 - Electric horn
 - Down view mirror over passenger door
 - Corrosion resistant heated west coast mirrors with non-heated convex mirrors
 - Tinted glass, all windows
 - Air ride cab

- CAB INTERIOR:
- LH & RH arm rest mounted to door
 - Mat with foam back floor covering
 - Air conditioning integral with the heater
 - Highback air, 4 chamber lumbar full size cloth high-back driver's seat with armrests, or approved equal.
 - Full foam cushion adjustable cloth high-back seat for passenger.
 - Gauges for electrical system, oil pressure, water temperature and tachometer
 - Electronic idle control

- TIRES/FRONT:
- 315/80R22.5 Rated for front axle rating tubeless radial tires
 - Rims/wheels - 22.5 x 9.0 hub piloted steel disc, standard color
 - Hubs - steel hub piloted

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- TIRES/REAR:**
- 11R22.5 14 ply M& S tubeless radial tires
 - 22.5 x 8.25 one-piece hub piloted rims
- PAINT:**
- Cab and body color to be selected by ordering agency from manufacturer's standard color choices.
 - Interior color for dash and seat color to be selected by the using agency after award from manufacturer's standard color choices.

Steel Dump Body: Galion 500U/T or approved equal. 15' length x 7' interior width x 43" side height (53" tailgate height). 14 to 17 cu yd, 10 Gauge high tensile steel sides with material shedding boxed top rails, full depth 15" rear corner posts. Minimum of 5 vertical side braces, 10" front, center and rear board extension pockets and - electric tarp system (Aero 575 or approved equal).

8 Gauge high tensile steel floor with 2" floor to side radius; 10 Gauge high tensile steel front bulkhead with two bend top flange and two vertical structural angle reinforcements.

Half cab protector 90" wide, 8 gauge high tensile steel with a 4" double bend lip. Rear bolster to be one piece full width and full depth. All solid welded. 8 Gauge high tensile steel, 6 panel tailgate with full perimeter box bracing, two intermediate vertical braces and one intermediate horizontal brace and full width lower tailgate pin.

Heavy duty cast "tarp friendly" top tailgate hardware and cast overshot lower hardware and air tailgate release operated by in cab control mounted on console with dump controls.

Air operated Tailgate: Tailgate must be operated via an in-cab dash mounted switch (switch mounted under dash is not acceptable).

All lights meet FMVSS108 requirements with LED oval stop/tail/turn recessed in rear corner posts. All marker lights to be LED recessed and shock mounted, complete with Trucklite sealed wiring harness and junction box.

Understructure to be stacked design with 7" structural longsills gusseted to 4" structural crossmembers on 12" centers. Lubricated front and rear cross shafts.

Galion FD-63128 Front telescopic hoist, or approved equal. Class 90, 26.5 ton capacity, Air PTO, direct mount pump, and cab controls. Body prop, electric back up alarm and body up light. DOT LED lights, reflectors & mud flaps.

Performance range and ton capacity as determined by NTEA Dump Body Hoist rating method. Hoist

offered which is not listed in the latest edition of NTEA Dump Body Hoist Chart will not be accepted.

-SPECIAL NOTE: If transmission is the optional Allison then PTO shall be a Hot Shift in lieu of Air PTO.

A pump, cable cab control and a double acting valve shall be provided.

High Capacity Trailer Tow Package: Tractor package with glad hands and electrical connection shall be provided. Pintle plate shall be made using minimum 3/4 inch steel. It shall be inserted within the frame rails, directly in front of the rear light module, with sufficient clearance for body dump pin. It shall extend the full width of frame rails and extend a maximum of 5 inches below the frame rails. The lower portion of the plate shall be channeled towards the front

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of the vehicle, with proper gussets added between frame rails and plate. There shall be two (2) safety chain hooks mounted to the plate. Pintle Hook: 25-ton pintle hooks with spring loading, swivel design mounted to the hitch assembly. Reference Holland PH760, Buyers BP760A, Wallace Forge