

POWELL COUNTY ROADS

SNOW PLOW TRUCK CAB & CHASSIS WITH PLOW LIGHTING

The list below may at times, be an abbreviation of the specifications. Please answer yes if your bid meets the specifications listed below. You may write in any items you feel is an approved equal of the specified request. Please be specific with any changes.

VEHICLE SPECIFICATIONS BELOW

YEAR:	2018 – Or Newer
APPLICATION:	Single Axle Truck with Cab & Chassis
MISSION:	GVWR: 37,780 . Calc. GVWR: 37,780 Top Geared Speed 63 MPH
DIMENSION AND FRAME	Wheelbase 169.00, CA: 101.90, Axle to Frame: 63.00 Frame Reinforcement Outer “C” Channel Frame 120,000 psi yield Frame Rail Heat Treated Alloy Steel
ENGINE:	Diesel, 300 HP@2000 RPM, minimum 860 lb-ft Torque @ 1200 RPM, minimum Emissions 2018 or Better Engine Brake Internal w/Switch Control Fan Drive (Horton Drivemaster) Normally Closed Temperature Control Block heater, Engine 120 volt/1500 watt Front Engine Mounted Load Sensing Live Hydraulic Pump 20 GPM & 2000 RPM Or equivalent
FUEL:	70 Gallon Tank or more Mounted under CAB Fuel/Water Separator with Heater
TRANSMISSION:	Allison 3000 RDS P, 5 Generation Controls with shift lever Overdrive 6-Speed with Double Overdrive; On/Off Highway Oil Level Sensor PTO Provision
FRONT AXLE:	Non-Driving Wide Track, I-Beam Type 18,000-lb Capacity
REAR AXLE:	Single Reduction 26,000-lb Capacity Standard Track Driver Controlled Locking Differential Gear Ratio : 6.14 (Geared Speed 63 MPH)

CAB: Conventional
Cab Trim Premium
Steering Wheel Tilt
Two Steps per Door on Cab
Grab Handle Chrome, Towel Bar Type Mounted Exterior of Left Cab Entry
Windshield Heated Single Piece
Driver's side High Back Air Seat with Arm Rest (National 2000)
Passenger seat High Stationary
Mirrors remote adjustable right hand
Heated Mirror Cab
Interior Gray
Exterior orange
Power Windows, Passenger side
Air Conditioner with Integral heater & Defroster
HVAC System with cab filter

FRONT BRAKES/
REAR BRAKES: Dust Shields All Axles
Auto Slack Adjusters
Bendix Antilock Brake System full Vehicle Wheel Control System
Air Compressor 13.2 CFM Capacity
Air Tanks Mounted Under Cab
Front Brake Air CAM S-Cam 16.5"x6", Include 24 Sq.In. Long Stroke Chamber
Rear Brake Air CAM S-Cam 16.5"x7", Include 30/30 Sq.In. long Stroke Chamber
And Spring Actuated Parking Brake
Drain Valves Mounted in Wet Tanks
Air Dryer Bendix AD-IP with heater

FRONT TIRE: 11-22.5
Load Range H, 16 PLY
White Steel

REAR TIRE: 11-22.5 – Siped winter tread
Load Range H, 16 PLY
White Steel

SUSPENSION: Rear Suspension Single Vari-Rate 31,000 lb. Capacity, includes 4,500 Capacity
Multileaf Auxiliary
Front Parabolic, taper leaf 18,000-lb. Capacity
Spring Pins Rubber Bushing Maintenance Free

ELECTRICAL
SYSTEM:

12 Volt System
Circuit Breakers Manual-Rest
Alternator 12 Volt 185 AMP Capacity
Chassis Wiring Numbered and Colored
Electrical and Air Horns
Radio in Cab AM/FM with Weather Band
IP Cluster Display, On Board Diagnostics Display of Fault Codes in Cluster
Battery System – Total (3 Batteries)
Backing Alarm Electrical 102 dBA
Body Builder Wiring Back of Cab on Left Frame
Auxiliary Harness Front for Plow Lights with Switch
Body Builder Switch Panel (Multiplex Wiring) or approved equal
Pre-Trip Light Test for Exterior Lights (Switch)
Windshield Wipers Single Electric Motor Cowl Mounted

PAINT:

Orange

Other:

Triangle Kit
Fire Extinguisher
Exterior Window Visors
Shop Manuals: Electrical, Engine, Cab
Parts Manuals