

Prepared by the:
 County Of Harperfield, NY
 Prepared For Russ Hatch

TRUCK SPECIFICATIONS

INTENT:

PAGE 1

It is the intent of these 2025 MY specs to describe a new Heavy Duty Axle Back, Tandem Axle Cab & Chassis to fit a 14' body w/ front/wing plow Truck Delivery Must Be By March 2024

<u>Description</u>	<u>YES</u>	<u>NO</u>
Compact Chassis Package with 100 gallon D fuel tank w/intergated DPF	_____	_____
USA/USA Territory market adaptation North East Carb & EPA Requirements	_____	_____
Cooling – Must be built with northeastern climate package.	_____	_____
Exhaust - 49 State + Canada/Non California	_____	_____
Truck/asphalt or dump body	_____	_____
GVWR of 66,000 Lbs	_____	_____
"Behind cab exhaust depression	_____	_____
Vocation - construction service	_____	_____
On - Off highway, starting grades < 6%	_____	_____
Loading surface factor- Asphalt loading and/or unloading surface	_____	_____
Operating class two (On/Off Highway)	_____	_____
PASSIVE AND ACTIVE SAFTEY		
High Strength Steel Drivers CAB w/ auxillary down view mirror P/S	_____	_____
6 channel traction control w/limited disable	_____	_____
PAGE 2		
Driver Side SRS Air Bag	_____	_____
Saftey belt indicator and audible reminder	_____	_____
Park Brake audible alarm if brake is off and drivers door open	_____	_____
Electric stability Control ESS System	_____	_____
Electric back up alarm & Alram Sound if D/S door open	_____	_____
ENGINE NO EXCEPTIONS		
13 Liter 435HP, 1650 LBFT Torque	" "	" "
Engine must be built by the truck manufacturer	" "	" "

ENGINE EQUIPMENT

- Single stage air cleaner _____
- Hood mounted air intake with inside/outside air with in cab control _____
- 1240 Sq. In. 2 Row Core Radiator _____
- Electronic Viscous fan clutch **NO EXCEPTONS** _____
- Delco Remy 12V 39MTHD starter _____
- Delco Remy 12V 160 Amp 28SI alternator (12V) _____
- 3 1000 CCA Maintenance Free 12V Batteries, 3000 CCA _____
- Battery Box -Narrow Stacked 3 Capacity(Diamond Plate) _____
- Battery Box - 3 Capacity w/ Battery Isolation Pads under Batteries _____
- Manual battery disconnect main switch (drivers side) _____
- 11'8" Aluminized Stainless Steel straight stack w/turnout _____
- Stainless Steel Exhaust Pipe _____

PAGE 3

- Stainless Steel Exhaust Flex Section _____
- Aluminum protective exhaust shield _____
- Davco fuel pro 386 w/12 volt pre-heat water in fuel WIF Sensor _____
- WABCO 31.8 CFM Air Compressor **NO EXCEPTIONS** _____
- PHILLIPS Engine block heater 120V 1500 Watt left hand receptacle _____
- Engine brake for 13 liter engine _____
- Fill tube with hood hatch access & Corrosion resistance stamped oil pan _____

TRANSMISSION

- RTO-16908LL 10 Speed _____
- Synthetic Transmission Lubricant _____
- Water to oil transmission cooler in radiator _____
- Driveline Main- Dana/Spicer SPL350 Lite(Props XL) _____
- Driveline Interaxle- Dana/Spicer SPL250XL Extended Lube Series _____
- Water to Oil Trans Cooler In Radiator _____

Corrosion resistant stamped oil pan

PROGRAMMABLE FEATURES

Engine Idle automatic shutdown

Idle time shutdown 30 minutes

Eco Cruise Control

Maximum cruise control speed 72 MPH

PAGE 4

Pedal road speed limit 72 MPH

Road speed limit 72 MPH

Gear down vehicle speed limiter enabled

Gear down vehicle speed 58 MPH

Cruise control minimum speed 30 MPH

Basic road speed limit control & Pre-Trip Dagnostics on Start-up

Optimized fuel economy indicator sweet spot

30% Minimum engine load limit in PTO before allowing idle shutdown

Maximum engine speed at 0 MPH 1400

Engine protection system (shut down)

Coolent warm hold temp enabled

Fault code display filter & DID(drivers informations display)

Cab Mounted Carb Sticker

PTO Max engine set speed up to 900 RPM

PTO engine resume speed up to 700 RPM

FRONT AXLE

20,800 LB front springs

20,000 Lb. front axle

Front brake Bendix Spicer, Next Generation Heavy Duty Standard Lube

Front brake shoe size 16.5 x 7"

Cast iron front brake drums outboard mounted

Brake lining material Front, Bendix Spicer ES1100/600

Front brake dust shields

Iron unitized front axle hubs _____

Iron Unitized front axle oil seal cap _____

Petroleum/Synthetic 50/50 front axle lubricant _____

PAGE 5

TRW THP60 integral power steering gear w/ greasable steering shaft _____

Dual Steering Gears w/Greaseable Steering Shaft _____

Multi Leaf front suspension (RH Stiffer) _____

Lubricated spring pins and bushings _____

Front shock absorbers _____

REAR AXLE

Meritor RT46-164EH 46K LB. _____

4.30 Rear Axle Ratio _____

Full locking wheel differential _____

46,000 LB T-Ride (3 Leaf Extra Firm Ride) w/54" Spacing or Equiv _____

Rear brakes Bendix Spicer, Next Generation Heavy Duty Standard Lube _____

16.5 x 7" rear brake size _____

Cast iron drive axle brake drums outboard mounted _____

Rear brake dust shields _____

Brake lining material Drive, Bendix Spicer ES-600 _____

Iron preset plus drive axle hub with integrated spindle nut _____

Synthetic Rear Axle Lubricant _____

Four cam type Haldex parking brake chambers _____

Rear brake chambers 30/30 square inches (service/emergency) _____

Basic length brake chamber stroke _____

Haldex auto brake adjusters Front & Rear _____

Front brake chambers 24 square inches (service) _____

CHASSIS

Left hand battery box - 3 capacity, behind fuel tank, DEF tank mounted to left hand fuel tank. _____

Intergrated DPf/SCR W/ 208 WB for Body Plow Set Up _____

26" diameter D-Shaped fuel tank

PAGE 6

100 Gallon left hand fuel tank 208 WB AXLE Back

Aluminum fuel tank material & polished straps & stainless Steel DPF Cover polished

Nylon fuel lines

Stainless steel fuel tank straps

NO EXCEPTIONS

Aluminum air tanks

Meritor Wabco air dryer 1200UP with heater & coalescing oil filter, without turbo cut off valve

Manual pull cord on brake system air tanks

11.81" x 4.13" x .44 STRAIGHT frame rails package

No Exceptions

Frame rail web height must be at least 11.81" " "

Top and Bottom frame flanges must be 4.13" " "

Frame thickness must be at least .44" " "

RBM (resist bending moment) must be at least 3,156,00 " "

24" front frame extensions w/ Snow Plow Bumper w/ 2 front towing devices

Steel air tanks in rail, below top of frame

Steel snow plow bumper, mounted standard position w/ 2 front tow hooks

With front fender extensions & must have heavy duty main chassis harness **MUST HAVE**

Two front towing devices

Two rear tow hooks

TRANSPORT ADAPATION

Trailer connections (air) mounted end of frame

Electrical receptical end of frame

Body builder connections back of cab

Full pressure trailer brake hand control

Mounting plate for body controls

Electrical complete kit for body builder, harness colied behind back wall center

CAB EXTERIOR

Air ride cab suspension with lateral dampeners

Heated Windshield(**MUST HAVE**)

Basic wiper blades

PAGE 7

Black Stationary front grille w/ silver painted Bezel	_____	_____
NO Bug screen behind grille	_____	_____
Air intake grille, Black	_____	_____
Dual trumpet air horns mounted under cab	_____	_____
Black areo-dynmic mirrors	_____	_____
Heated, power axis mirrors, both sides	_____	_____
Fiberglass exterior sunvisor with LED marker lamps	_____	_____

CAB INTERIOR

Interior Package-Cloth Panels w/metal Hex Trim	_____	_____
National Comfort Air suspension high back drivers seat	_____	_____
National Air Suspension high back passenger seat, 2 air adjusted limbar chambers, side bolsters and back massage on drivers side & heated	_____	_____
Drivers and Passengers seats Mordura Cloth passnegers seat air susupended	_____	_____
Inboard drivers & passenger seat armrest	_____	_____
Black driver and passenger saftey belts	_____	_____
Integral air conditioner with heater - manual controls	_____	_____
Dog house one piece & leather wrapped steering wheel	_____	_____
Netted overhead storage (Driver & Passenger sides)	_____	_____
Eight guage instrument cluster with base driver information display	_____	_____
Diagnostics display in dash & cluster	_____	_____
Graduated ARI (air restriction indicator) on filter with graphic symbol in drivers message center	_____	_____

LIGHTING

Snow plow lamp prep	_____	_____
---------------------	-------	-------

NO Two roof mounted warning lamps on light bar- **MUST DELETE & be in body only** _____

LED Headlights Signature DRL	_____	_____
------------------------------	-------	-------

Daytime running lights	_____	_____
------------------------	-------	-------

Dual Stop & Tail lights with integral back up lights	_____	_____
--	-------	-------

Self cancelling turn signal switch	_____	_____
------------------------------------	-------	-------

Instep lamp on drivers door	_____	_____
-----------------------------	-------	-------

LED Interior Lighting

AUDIO SYSTEM

AM/FM stereo MP3/USB/Bluetooth radio/- **MUST HAVE**

Single right hand 24" mirror mounted radio antenna

Speakers in Dashboard and Doors

Overhead mounted CB hold down with strap

Single left hand 24" mirror mounted CB antenna

MISC CAB EQUIPMENT

Power windows & locks both doors w/ keyless entry

4 Keys provided per unit

Three (3) auxiliary dash switches with wiring, 15 amps per switch

Hood latch control interior under steering column

One (1) 12 volt dash outlet

5 Lbs ABC dry type rechargeable fire extinguisher, mounted in cab.

Triangle reflector kit

WHEELS AND TIRES FRONT

425/65R22.5L Michelin XZY3(22,800 lbs GAWR) on/off road quatity 2

NO EXCEPTIONS

Alcoa Dura-Bright Mirror 22.5 x12.25 286BC 3.9 OFFSET Mirror Polished WHEELS

NO EXCEPTIONS

Nylon front Hub/Wheel isolator

WHEELS AND TIRES REAR

11R24.5x58.25 Michelin X WORKS Z (24020 LBS. GAWR) On/Off Raod Total 8

Alcoa Dura Bright Mirror Polished Aluminum Wheel Total 8

Nylon Drive Hub/Wheel and Wheel/Wheel isolators

PAGE 9

PAINT

Single color paint - Premium Allied Orange P3337

BC/CC Premium solid

Chassis color Black

Bumper color same as cab color - Premium Safety Orange

Wheel hub color Black - same as chassis

BASE WARRANTY COVERAGE

Heavy duty standard base coverage 12 months/100,000 miles

CARB BASE EMISSIONS 60 MONTHS 350K/w towing of 24 months 250k

eaton fuller base warranty 8LL transmissions 36 months /unlimited miles

Base chassis towing coverage 90 days/5000 miles

Base Engine towing coverage 24 months/250,000 miles

Remote Diagnostics Bundle - includes assist and action service standard 24 months 250k

Bidders must indicate wheather each specification is met.

All specifications not met must be explained in detail on a separate sheet attached to the proposal, listing all deviations from the following:

#1 The Truck Specifications

#2 The Body Specifications

#3 The Snowplow & Wing Specification

#4 The Hydraulic & Controls Specification

#5 Truck Specification and body specification are bide seperately

#6 Cab & Chassis paid upon inspection of RUSS HATCH w/ voicher to prevent floor plan cost