Louisiana Department of Agriculture and Forestry

Technical Specifications For

# Forestry Tractor Haul Trucks

## General:

This specification sets forth the requirements for the purchase of two (2) Freightliner 114SD Plus, 2027 Model Year (Or Approved Equal) Tractor Haul Trucks for the Louisiana Department of Agriculture and Forestry located at 5825 Florida Blvd. Baton Rouge, LA 70806.

Equipment shall be new, a production model of current manufacture, and must meet all State and Federal safety and emission standards in effect at the time of the order.

Equipment of similar style, type, character, quality, features, and purpose conforming to the following detailed requirements/specifications will be considered. For evaluation purposes, bidder's proposing an exception/equivalent option/feature to those specified herein, may be required to provide manufacturer/product information (catalogue sheets, detailed specifications, pictures, etc.). This information will be evaluated against the minimum requirements of this specification. Proposed submittals that are determined not to be equivalent to the established criteria will be rejected.

## Louisiana Authorized Dealer(s):

Proposed item(s) must be from a manufacturer who has at least one (1) authorized dealer within the State of Louisiana where parts and service can be obtained. Authorized dealer(s) must have properly trained technicians plus all other resources necessary to perform warranty and repair services in complete accordance with the manufacturer’s requirements. A letter certifying the ability to meet this requirement, inclusive of the company name(s) and address(es) of the Louisiana authorized dealer(s), should be supplied with the bid submittal and may be required prior to award.

## Delivery & Acceptance:

Unit(s) must be delivered completely assembled (including all components, accessories, etc.) and ready for operation without any additional preparation including, but not limited to, ensuring all fluid levels are at their full mark, fuel tank(s) is full, all necessary lubrication has been performed, etc.

**Each Unit Must Be Supplied With The Following Documentation:**

1. Notarized Bill of Sale

2. Certificate of Origin (MSO)

3. Dealer's Service Policy

4. Owner's/Operator's Manual(s) – One (1) Hard Copy and One (1) Digital Copy
Acceptable Formats: PDF Delivered Via USB “Flash Drive”, or E-mail

5. Service Manual(s) - One (1) Hard Copy and One (1) Digital Copy
Acceptable Formats: PDF Delivered Via USB “Flash Drive”, or E-mail

6. Build Sheet(s) – As Applicable – One (1) Hardcopy
Build sheets should be written in plain language (not company specific codes) and include, at a minimum, all standard & optional features of the delivered unit.

# Equipment Specifications

**Note:**

All specifications listed below are minimum specifications for the purchase of two (2) Freightliner 114SD Plus (Or Approved Equal) Tractor Haul Trucks for the Louisiana Department of Agriculture and Forestry located at 5825 Florida Blvd. Baton Rouge, LA 70806.

**Brand/Model Used for Specification Basis:**

Freightliner 114SD Plus, 2027 Model Year (Or Approved Equal)

**Vehicle Configuration:**

* 114SD Plus Conventional Chassis – Weight Front: 7,934 Pounds – Weight Rear: 6,476 Pounds (Or Approved Equal)

* 2027 Model Year Specified

* Set Forward Axle – Tractor

* Trailer Towing Provision Forward of Fifth Wheel

* Left Hand Primary Steering Location

**General Service:**

* Tractor / Trailer Configuration

* Domiciled, USA 50 States (Including California and CARB OPT-IN States)

* Carb Clean Idle Labels Not for Initial Registration in States Requiring Carb Emissions Certification (Includes 6x4 Inch Labels on Lower Forward of Driver Door)

* Heavy Haul Service

* Government Business Segment

* Heavy Equipment Commodity

* Terrain / Duty: 100% (ALL) Of the Time, In Transit, Is Spent on Paved Roads

* Maximum 8% Expected Grade

* Smooth Concrete or Asphalt Pavement – Most Severe In-Transit (Between Sites) Road Surface

* Freightliner Level 1 Warranty (Or Approved Equal)

* Expected Front Axle(s) Load 12,000.0 Pounds.

* Expected Rear Drive Axle(s) Load 40,000.0 Pounds.

* Expected Gross Vehicle Weight Capacity 52,000.0 Pounds.

* Expected Gross Combination Weight 80,000.0 Pounds.

**Truck Service:**

* Tractor Only With No Body Upfit

**Tractor Service:**

* Lowboy Trailer

* Single (1) Trailer

**Engine:**

* Detroit DD13 Gen 5 12.8L 525 HP at 1625 Revolutions Per Minute (RMP), 1900 Gov Revolutions Per Minute (RMP), 1850 LB/FT at 975 Revolutions Per Minute (RMP) (Or Approved Equal)

**Electronic Parameters:**

* 75 Miles Per Hour (MPH) Road Speed Limit

* Cruise Control Speed Limit 5 Miles Per Hour (MPH) Higher Than Road Speed Limit, With Auto Resume After Shift

* Fleet Management – Daily Engine Usage Enabled

* Power Take-Off (PTO) Mode Engine Revolutions Per Minute (RMP) Limit – 1200 Revolutions Per Minute (RMP)

* Power Take-Off (PTO) Revolutions Per Minute (RPM) control With Steering Wheel Switches

* Power Take-Off (PTO) Mode Cooling Fan Enable

* Power Take-Off (PTO) Mode Cancel Vehicle Speed – 3 Miles Per Hour (MPH)

* Power Take-Off (PTO) Mode Revolutions Per Minute (RPM) Increment – 100 Revolutions Per Minute (RPM)

* Power Take-Off (PTO) Governor Ramp Rate – 100 Revolutions Per Minute (RPM) Per Second

* Fuel Dosing of Aftertreatment Enabled in Power Take-Off Mode – Cleans Hydrocarbons at High Temperatures Only

* One (1) Power Take-Off (PTO) Speed Via Dash Switch

* Power Take-Off (PTO) Speed 1 Setting – 1150 Revolutions Per Minute (RPM)

* Alternate Road Speed Limit – 10 Miles Per Hour (MPH) With Power Take-Off (PTO) Engaged

* Engine Brake With Global Cruise Control Enabled

* Engine Fan Enabled With Retarder

* Power Take-Off (PTO) Minimum Revolutions Per Minute (RPM) – 800

* Enable Auto Engine Revolutions Per Minute (RPM) Elevate for Extended Idle

* Power Take-Off (PTO) One (1), Dash Switch, Stationary Operation

**Engine Equipment:**

* Environmental Protection Agency (EPA) 2010 / Green House Gas (GHG) 2024 Configuration

* Standard Oil Pan

* Engine Mounted Oil Check and Fill

* Side of Hood Air Intake With Firewall Mounted Donaldson Air Cleaner (Or Approved Equal)

* 12 Volt 160 Amps Delco 28-SI Quadramount Pad Alternator With Remote Battery Volt Sense (Or Approved Equal)

* Three (3) Daimler Truck North America (DTNA) Genuine, Flooded starting, Min 3000 Cold Cranking Amps (CCA), 555 Reverse Capacity (RC), Threaded stud Batteries (Or Approved Equal)

* Battery Box Frame Mounted

* Standard Battery Jumpers

* Single Battery Box Frame Mounted Left Hand Side Back of Cab

* Wire Ground Return for Battery Cables With Additional Frame Ground Return

* Non-Polished Battery Box Cover With Tether

* Non-Essential Positive Load Disconnect, In Cab control Switch Mounted Outboard of Driver Seat

* Positive and Negative Posts for Jumpstart Located on Frame Next to Starter

* Progressive Low Voltage Disconnect at 12.3 Volts for Designated Circuits

* Detroit Heavy Duty Automated Manual Transmission Clutch (Or Approved Equal)

* BW Model FE-921 19.0 Cubic Feet Per Minute (CFM) Single Cylinder Air Compressor With Safety Valve (Or Approved Equal)

* Electronic Engine Integral Shutdown Protection System

* Jacobs Compression Brake (Or Approved Equal)

* Right Hand Outboard Under Step Mounted Horizontal Aftertreatment System Assembly With Right Hand C-Pillar Mounted Vertical Tailpipe

* Engine Aftertreatment Device, Automatic Over The Road Regeneration and Virtual Regeneration Request Switch in Cluster

* 11 Foot 6 Inch (138 Inch+0/-5.9 Inch) Exhaust System Height

* Standard Curve Bright Upper Stack(s)

* Right Hand Curved Vertical Tailpipe C-Pillar Mounted Routed From Step

* 13 Gallon Diesel Exhaust Fluid Tank

* 100 Percent Diesel Exhaust Fluid Fill

* Standard Diesel Exhaust Fluid Pump Mounting

* Left Hand Medium Duty Standard Diesel Exhaust Fluid Tank Location

* Standard Diesel Exhaust Fluid Tank Cap

* Stainless Steel Aftertreatment Device / Muffler / Tailpipe Shield

* Air Powered On/Off Engine Fan Clutch

* Automatic Fan Control Without Dash Switch, Non-Engine Mounted

* Detroit Diesel Corporation (DDC) Supplied Engine Mounted Fuel Filter / Fuel Water Separator With Water-In-Fuel Indicator (Or Approved Equal)

* Full Flow Oil Filter

* No Coolant Filter

* 1400 Square Inch Vocational Radiator

* Antifreeze to -34F, Organic Acid Technology (OAT) (Nitrite and Silicate Free) Extended Life Coolant

* Gates Blue Stripe Coolant Hoses (Or Approved Equal)

* Constant Tension Hose Clamps for Coolant Hoses

* Heavy Duty Engine Platform (HDEP) Fixed Ratio Coolant Pump and Radiator Drain Valve

* Lower Radiator Guard

* Delco 12 Volt Model 3.175-39MT+ Starter With Engine Control Unit Software Protection and Integrated Magnetic Switch (Or Approved Equal)

**Transmission:**

* DT12-1850-OHE Efficient On-Highway 12-Speed Overdrive Automated Manual Transmission.

**Transmission Equipment:**

* Detroit DT12 Performance Package: Economy and Performance, With Instrument Cluster Unit (ICU) Control Menus, With Kickdown (Or Approved Equal)

* Twelve (12) Forward Gears Selectable Detroit DT12 Manual Mode (Or Approved Equal)

* Maximum Output Speed for Power Take-Off (PTO) Engagement 50 Revolutions Per Minute (RMP)

* Reverse Gear Range Limited to Second($2^{nd}$) Gear

* Detroit DT12 Rear Power Take-Off (PTO) Low Speed Ratio (Or Approved Equal)

* Aluminum Clutch Housing

* Detroit DT12 Rear Mounted Power Take-Off (PTO) 1:1.32 for Customer Installed Hydraulic Pump (Or Approved Equal)

* Power Take-Off (PTO) Mounting, Rear of Main Transmission Detroit & Eaton Fuller (Or Approved Equal)

* Magnetic Transmission Fill and Drain, Axle(s) Fill and Drain, Engine Drain; Paint Drain Plugs Yellow

* Heavy Duty Electronic Transmission shift control, Column Mounted

* Air To Oil Transmission Cooler

* Synthetic Transmission Lube

**Front Axle and Equipment:**

* Detroit DA-F-14.7-3 - 14,700 Pound Rated Capacity / FF1 – Front Axle/Steering Configuration / 71.5 Kingpin Inclination (KPI) / 3.74 Drop Single Front Axle (Or Approved Equal)

* Bendix ADB22X Air Disc Front Brakes (Or Approved Equal)

* 2011/2013- Federal Motor Vehicle Safety Standard (FMVSS) 121 / Reduced Stopping Distance (RSD) Front Brake Lining

* Front Disc Brake Rotors

* Front Oil Seals

* Vented Front Hub Caps With Window, Center and Side Plugs – Oil

* Standard Spindle Nuts for All Axles

* Front Air Disc Brake Internal Adjusters

* Standard King Pin Bushings

* TRW TAS-85 Power Steering (Or Approved Equal)
* Power Steering Pump
* 4 Quart Power Steering Reservoir
* Oil / Air Power Steering Cooler
* Current Available Synthetic 75W-90 Front Axle Lube

**Front Suspension:**

* 14,600 Pound Rated Capacity Taperleaf Front Suspension
* Graphite Bronze Bushings With Seals – Front Suspension
* Front Shock Absorbers

**Rear Axle and Equipment:**

* Meritor MT-40-14XP 40,000 Pound Rated Series Tandem Rear Axle With Pump (Or Approved Equal)
* 3.55 Rear Axle Ratio
* Iron Rear Axle Carrier With Optional Heavy-Duty Axle Housing
* Meritor RPL35 Main Driveline (Or Approved Equal)
* Meritor RPL25 Interaxle Driveline (Or Approved Equal)
* Driver Controlled Traction Differential – Both Tandem Rear Axles
* One (1) Interaxle Lock Valve, One (1) Driver Controlled Differential Lock Forward-Rear and Rear-Rear Axle Valve
* Indicator Light for Each Interaxle Lockout Switch
* Indicator Light for Each Differential Lockout Switch, Engage Less Than 5 Miles Per Hour (MPH), Disengage Greater Than 25 Miles Per Hour (MPH)
* Bendix ADB22X Air Disc Rear Brakes (Or Approved Equal)
* 2011/2013- Federal Motor Vehicle Safety Standard (FMVSS) 121 / Reduced Stopping Distance (RSD) Rear Brake Linings
* Standard Brake Chamber Location
* Rear Disc Brake Rotors
* Rear Oil Seals
* Air Disc Longstroke 2-Drive Axles Spring Parking Chambers
* Rear Air Disc Brake Internal Adjusters
* Current available Synthetic 75W-90 Rear Axle Lube
* Standard Rear Axle Breather(s)

**Rear Suspension:**

* Airliner 46,000 Pound Rated Capacity Rear Suspension (Or Approved Equal)
* Airliner High Position Ride Height (Or Approved Equal)
* Restrained Axle Seats In Axle Clamp Group
* 51 Inch Axle Spacing
* Ignition Controlled Electric Dump Switch For Air Suspension With State Retention and Gauge
* Rear Air Suspension Dump Valve Autofill Greater Than 5 Miles Per Hour (MPH) With Indicator Light
* Single Air Rear Suspension Leveling Valve
* Transverse Control Rods
* Rear Shock Absorbers – Two Axles (Tandem) (Air Ride Suspension)

**Pusher / Tag Equipment:**

* No Pusher / Tag Brake Dust Shields

**Brake System:**

* WABCO 4S/4M Anti-Lock Braking System (ABS) With Hill Start Aid and Traction Control With Automatic Traction Control (ATC) Shut Off Switch (Or Approved Equal)
* Reinforced Nylon, Fabric Braid and Wire Braid Chassis Air Lines
* Standard Air Management Unit
* Fiber Braid Parking Brake Hose
* Standard Brake System Valves
* Standard Air System Pressure Protection System
* Standard United States Front Brake Valve
* Relay Valve With 5-8 Pounds Per Square Inch (PSI) Crack Pressure, No Rear Proportioning Valve
* Bendix AD-9 Brake Line Air Dryer With Heater (Or Approved Equal)
* Bendix Oil Coalescing Filter For Air Dryer (Or Approved Equal)
* Air Dryer Frame Mounted
* Steel Air Brake Reservoirs
* One (1) 620 Cubic Inch Aluminum Transmission Air Tank, Inlet Check Valve
* Pull Cable On Wet Tank, Petcock Drain Valves On All Other Air Tanks
* Quick Disconnect Fitting With Tire Inflation Kit and Cab Blow Out Kit With Air Hose and Nozzle Inside Driver Cab Entry Door

**Trailer Connections:**

* Glad Hands Only For 3-In-1 Primary Trailer Cable (Or Approved Equal)

* No Air Hose Hanger

* Combination Dummy Glad Hands and Light Plug Holder (Or Approved Equal)

* Society of Automotive Engineers (SAE) J560 7-Way Primary Trailer Cable Receptacle Mounted Back of Cab / Back of Sleeper (Or Approved Equal)

* Primary Connector / Receptacle Wired For Separate Stop / Turn, Anti-Lock Braking System (ABS) Center Pin Powered Through Ignition

* No Trailer Receptacle Bracket

* 15 Foot Phillips #30-2171 Detachable 7-Way 3-In-1 Trailer Cable (Or Approved Equal)

* 2-Line Wet Kit configured to operate Landoll (Or Approved Equal) trailer.

**Wheelbase & Frame:**

* 5850 Millimeter (230 Inch) Wheelbase

* 11/32 x 3-1/2 x 10-15/16 Inch Steel Frame (8.73 Millimeter x 277.8 Millimeter /0.344 x 10.94 Inch) 120 Kilo Pounds Per Square Inch (KSI)

* Quarter (¼) Inch (6.35 Millimeter) C-Channel Inner Frame Reinforcement

* 1550 Millimeter (61 Inch) Rear Frame Overhang

* Frame Overhang Range: 61 Inch To 70 Inch

* Calculated Back Of Cab To Rear Suspension Center Line 121.26 Inches

* Calculated Effective Back Of Cab To Rear Suspension Center Line 121.26 Inches

* Calculated Frame Length – Overall 308.28 Inches

* Calculated Frame Space Left Hand Side 21.17 Inches

* Calculated Frame Space Right Hand Side 25.67 Inches

* Calculated Space Available For Deckplate 56.49 Inches

* Flanged Tapered End Of Frame

* Front Closing Crossmember

* Standard Weight Engine Crossmember

* Standard Midship #1 Crossmember(s)

* Inverted U Tractor Crossmember

* Heavy Duty Suspension Crossmember

**Chassis Equipment:**

* Left Hand Back of Cab Access, Grab Handles Loose For Customer / Dealer Installation; Does Not Comply With Federal Motor Carrier Safety Regulations (FMCSR) 399
* 21 Inch (525 Millimeter) Deck Plate Flush Mounted Between Rails
* 16.5 Inch Chrome Steel Straight Bumper
* Removeable Front Tow / Recovery Device, Stored on Chassis Frame
* Bumper Mounting For Single License Plate
* Betts B-7 Stainless Steel Mudflap Brackets (Or Approved Equal)
* Black Mudflaps
* Grade 8 Threaded Hex Headed Frame Fasteners
* Exterior Harnesses Wrapped In Abrasion Tape
* Installed Stainless Steel Half Fenders

**Fifth Wheel:**

* Holland FW35 / ILS 24.0 Inch Air Slide Fifth Wheel – 2 Inch Slide Increments (Or Approved Equal)
* Fifth Wheel 508 Millimeter (20.0 Inches) Ahead of Suspension Centerline
* 224 Millimeter (8.81 Inch) Fifth Wheel Height
* Inboard Angle – Fifth Wheel Mounting
* Dash Mounted Control and Plumbing for Fifth Wheel
* Left Hand Fifth Wheel Release
* Fifth Wheel Ramps

**Fuel Tanks:**

* 120 Gallon / 453 Liter Aluminum Fuel Tank – Right Hand
* 140 Gallon Split Aluminum Fuel / Hydraulic Tank Left Hand, 90/50
* 1-1/4 Inch Top and Bottom End Fittings For Hydraulic Section of Split Tank(s)
* 25 Inch Diameter Fuel Tank(s)
* Plain Aluminum / Painted Steel Fuel / Hydraulic Tank(s) With Painted Bands
* Left Hand Fuel Tank Mounted Forward, Right Hand Fuel Tank Mounted AFT/Rearward
* Plain Step Finish
* Fuel Tank Cap(s)

* DAVCO 487 Fuel / Water Separator With ESOC (Or Approved Equal)
* Equiflo Inboard Fuel System (Or Approved Equal)
* High Temperature Reinforced Nylon Fuel Line

**Tires:**

* Hankook AH37 - 11R22.5 16 PLY Radial Front Tires (Or Approved Equal)
* Continental HDR2+ - 11R22.5 16 PLY Radial Rear Tires (Or Approved Equal)

**Hubs:**

* Conmet Preset Plus Premium Aluminum Front Hubs (Or Approved Equal)
* Conmet Preset Plus Premium Aluminum Rear Hubs (Or Approved Equal)

**Wheels:**

* Alcoa 88167 / 22.5 x 8.25 10-Hub 5.81 Inset Aluminum Disc Front Wheels (Or Approved Equal)
* Alcoa 88167 / 22.5 x 8.25 10-Hub Pilot Aluminum Disc Rear Wheels (Or Approved Equal)
* Front Wheel Mounting Nuts
* Rear Wheel Mounting Nuts

**Cab Exterior:**

* 140 Inch Bumper To Back Of Cab (BBC) High Roof Extended Aluminum Conventional Cab
* Air Cab Mounting
* Nonremovable Bugscreen Mounted Behind Grille
* Front Fenders
* 3-1/2 Inch Fender Extensions
* Left Hand and Right Hand Grab Handles
* Bright Finish Radiator Shell / Hood Bezel
* Stationary Black Grille with Bright Accents
* Chrome Hood Mounted Air Intake Grille
* Fiberglass Hood
* Freightliner Name Plates (Or Approved Equal)
* Cab Floor, Toe Board, and Firewall Heat Shield
* Dual 26 Inch Rectangular Polished Aluminum Air Horns Roof Mounted

* Dual Electric Horns

* Dual Horn Shields

* Rear License Plate Mount End of Frame

* Switch, Indicator Light and Wiring For Two (2) Customer Furnished Beacons

* Halogen Composite Headlamps With Bright Bezels

* Light-Emitting Diode (LED) Aerodynamic Marker Lights

* Daytime Running Lights

* Integral Stop / Tail / Backup Lights

* Standard Front Turn Signal Lamps

* Switch, Indicator Light and Approximately 10 Feet of Wire on Chassis Left Hand at Back of Cab for Customer Furnished Utility Light(s)

* Dual West Coast Bright Finish Heated Mirrors With Light-Emitting Diode (LED) Lights and Left Hand and Right Hand Remote (Or Approved Equal)

* Door Mounted Mirrors

* 102 Inch Equipment Width

* Left Hand and Right Hand 8 Inch Bright Finish Convex Mirrors Mounted Under Primary Mirrors

* Right Hand Down View Mirror

* Standard Side / Rear Reflectors

* Rear Reflective Device

* Right Hand Aftertreatment System Cab Access With Plain Diamond Plate Cover

* Park Brake Reminder Warning System

* Composite Exterior Sun Visor

* 63 x 14 Inch Tinted Rear Window

* Tinted Door Glass Left Hand and Right Hand With Tinted Non-Operating Wing Windows

* Right Hand and Left Hand Electric Powered Windows

* 20 x 23 Inch Left Hand and Right Hand Tinted Side Windows

* One (1) - Piece Solar Green Glass Windshield

* 8 Liter (2 Gallon) Windshield Washer Reservoir, Cab Mounted, With Fluid Level Indicator

* Aluminum headache rack with 3-Door storage compartment measuring 80-inches wide x 68-inches high x 13-inches deep.

* 55-inch Light-Emitting Diode (LED) red and white strobe light bar mounted to the headache rack at a minimum of 12-inches above cab height for visibility. To be operated by switch inside the cab on the dash.

* Two (2) Light-Emitting Diode (LED) red and white strobe lights mounted to the front grille operated on the same inside cab switch as the headache rack strobe light.

* Two (2) Light-Emitting Diode (LED) rear facing work lights mounted to the headache rack operated by switch inside cab on dash.

**Cab Interior:**

* Elite Trim Package

* Mist Cloth & Carbon Vinyl Interior

* Carbon With Premium Wood Accent

* Molded Door Panel

* Molded Plastic Door Panel

* Black Mats With Single Insulation

* One (1) Dash Mounted 12 Volt Power Outlet, One (1) Dash Mounted Dual USB-C Outlet

* Forward Roof Mounted Console

* Left Hand and Right Hand Door Storage Pockets Integrated Into Molded Door Panels

* Digital Alarm Clock In Driver Display

* Two (2) Cup Holders Left Hand and Right Hand Dash

* Freightliner M2/SD Dash (Or Approved Equal)

* 2-1/2 Pound Fire Extinguisher

* First Aid Kit – Ship Loose

* Heater, Defroster, and Air Conditioner

* Standard Heating, Ventilation, and Air Conditioning (HVAC) Ducting

* Main Heating, Ventilation, and Air Conditioning (HVAC) Controls With Recirculation Switch

* Standard Heater Plumbing With Ball Shutoff Valves At Supply Lines Only

* Valeo Heavy Duty Air Conditioning (A/C) Refrigerant Compressor (Or Approved Equal)

* Binary control, R-134A Refrigerant

* Premium Insulation

* Solid-State Circuit Protection and Fuses

* 12 Volt Negative Ground Electrical System

* Premium Light-Emitting Diode (LED) Cab Lighting

* Remote Keyless Entry and 2 (Two) Transmitters

* Door Locks and Ignition Switch Keyed The Same

* Key Quantity of 4 (Four)

* Left Hand and Right Hand Electric Door Locks With Auto Unlock Feature When Door is Set From Open to Closed Position

* No Mattress

* Triangular Reflectors Kit Without Flares – Shipped Loose In Cab

* Premium Isringhausen High Back Air Suspension Drivers Seat With 2 (two) Air Lumbar, Integrated Cushion Extension, Tilt and Adjustable Shock (Or Approved Equal)

* Premium Isringhausen High Back Air Suspension Passenger Seat With 2 (two) Air Lumbar, Integrated Cushion Extension, Tilt and Adjustable Shock (Or Approved Equal)

* Dual Driver and Passenger Seat Armrest

* Left Hand and Right Hand Integral Door Panel Armrest

* Black Vinyl Driver Seat Cover

* Black Vinyl Passenger Seat Cover

* Black Seat Belts

* Adjustable Tilt and Telescoping Steering Column

* 4-Spoke 18 Inch (450 Millimeter) Leather Wrapped Steering Wheel With Chrome Switch Bezels

* Driver and Passenger Interior Sun Visors

**Instruments & Controls:**

* Electronic Accelerator Control With Kick Down Feature

* No Instrument Panel-Driver

* Fully Configurable Center Instrument Panels

* Bright Argent Finish Gauge Bezels

* Low Air Pressure Indicator Light and Audible Alarm

* Dual Needle Primary and Secondary Air Pressure Gauge

* Intake Mounted Air Restriction Indicator Without Graduations

* 97 Decibels Backup Alarm

* Electronic Cruise Control With Controls On Steering Wheel Spokes

* Key Operated Ignition Switch and Integral Start Position; 4 Positions Off / Run / Start / Accessory

* Premium Instrument Cluster With 5.0 Inch Thin-Film Transistor (TFT) Color Display

* Digital Panel Lamp Dimmer Switch In Driver Display

* Heavy Duty Onboard Diagnostics Interface Connector Located Below Left Hand Dash

* 2 Inch Electric Fuel Gauge

* Fuel Filter Restriction Indicator
* Engine Remote Interface With One or More Set Speeds
* Quickfit Powertrain Interface Connector Under Cab With Caps
* Quickfit Programmable Interface Connector(s) Under Cab With Caps
* Engine Remote Interface Connector At Powertrain Interface Connector
* Digital Dual Rear Axle Temperature In Driver Display With Sensor Shields
* Electrical Engine Coolant Temperature Gauge
* Digital Engine Oil Temperature In Driver Display
* Electric Engine Oil Pressure Gauge
* Digital Transmission Oil Temperature In Driver Display
* Electronic Outside Temperature Sensor Display In Driver Message Center
* Engine and Trip Hour Meters Integral Within Driver Display
* Power Take-Off (PTO) Controls For Enhanced Vehicle Electric / Electronic Architecture
* No Obstacle Detection System
* Extra Harness Length For Front Radar Relocation
* No Driver-Assistance System
* Electronic Stability Control
* Detroit Service Brake Hold Function (Or Approved Equal)
* No Lane Departure Warning System
* No Overhead Instrument Panel
* One (1) Quickfit Programable Module (QPM/XMC) (Or Approved Equal)
* 7 Inch B-Panel Interactive Touchscreen Display Radio With USB-C, Apple Carplay, Android Auto, Bluetooth/Am/FM/SXM/WB, With Microphone
* Dash Mounted Radio
* 2 (Two) Radio Speakers In Cab
* No AM/FM Radio Antenna
* Uniden PC78LTX Factory Installed Citizens Band (CB) Radio With Standing Wave Radio (SWR) Meter (Or Approved Equal)
* Roof / Overhead Console Citizens Band (CB) Radio Provision
* Spring Mounted Single Fiberglass Left Hand Mirror Mounted Citizens Band (CB) Antenna With Bracket and Lead
* Sharkfin Mulit-Band Antenna, Central Roof Mounting Location: AM/FM/Weatherband, WIFI/Bluetooth, Satellite Digital Audio Radio (SDAR)/Sirius XM, Global Navigation Satellite System (GNSS)/Global Positioning System (GPS) (Or Approved Equal)
* Interoperable Satellite Digital Audio Radio (SDAR) Antenna

* Electronic Miles Per Hour (MPH) Speedometer With Secondary Kilometers Per Hour (KPH) Scale, Without Odometer

* Standard Vehicle Speed Sensor

* Electronic 3000 Revolutions Per Minute (RMP) Tachometer

* Detroit Connect Platform Hardware (Or Approved Equal)

* 5 (Five) Years Detroit Connect Base Package Detroit Connect Platform (Or Approved Equal)

* Technology & Maintenance Council (TMC) RP1226 Accessory Connector Located Behind Passenger Side Removeable Dash Panel (Or Approved Equal)

* Ignition Switch Controlled Engine Stop

* Two (2) Extra Hardwired Switches in Dash, Route To Under Cab, Bluntcut

* Hardwire Switch #1, ON/OFF Latching, 20 Amps Ignition Power

* Hardwire Switch #2, ON/OFF Latching, 20 Amps Ignition Power

* Pre-Trip Inspection Feature for Exterior Lamps and Service Brakes

* One (1) Overhead Mounted Lanyard Control for Driver Air Horn

* Standard Tractor Protection Valve

* Trailer Hand Control Brake Valve

* Digital Turbo Air Pressure In Driver Display

* Digital Voltage Display Integral With Driver Display

* Single Electric Windshield Wiper Motor With Delay

* Rotary Headlamp Switch, Marker Lights / Headlights Switch With Pull Out For Optional Fog / Road Lamps

* Two Valve Parking Brake System With Dash Valve Control Auto Neutral and Warning Indicator

* Self Canceling Turn Signal, Switch With Dimmer, Headlamp Flash, Wash/Wipe/Intermittent

* Integral Electronic Turn Signal Flasher With 40 Amp (20 Amp Per Side) Trailer Lamp Capacity

**Color:**

* Cab Color L0006EY White Elite EY (Or Approved Equal)

* Black, High Solids Polyurethane Chassis Paint

* Sun Visor Painted Same as Cab Color L0006EY White Elite EY (Or Approved Equal)

* Standard Electrocoat / Undercoating

**Certification / Compliance:**

United States Federal Motor Vehicle Safety Standards (FMVSS) Certification, Except Sales Cabs and Glider Kits

**Secondary Factory Options:**

* Corporate Pre-Delivery Inspection Center In-Service and Option Installation / Modification

* Must Meet Detroit's Requirements On Power Take-Off (PTO) Installation, Specifically Max Bending Moment and Minimum Engine Speed During Power Take-Off (PTO) Operation

**Weight Summary:**

* Weight Front: 9322 Pounds (Or Approved Equal)

* Weight Rear: 8105 Pounds (Or Approved Equal)

* Total Weight: 17427 Pounds (Or Approved Equal)

**Delivery:**

* Delivery is FOB – Destination (Louisiana Property Assistance Agency).

To Be Delivered To:

Louisiana Property Assistance Agency (LPAA)

1059 Brickyard Lane

Baton Rouge, LA 70802

* Once received by LPAA they will coordinate with Louisiana Department of Agriculture to receive the vehicle.