

# Bid Specs for Tanker

## Vehicle Configuration

M2 112 PLUS CONVENTIONAL CHASSIS  
2026 MODEL YEAR SPECIFIED  
SET BACK AXLE - TRUCK  
STRAIGHT TRUCK PROVISION, NON-TOWING  
LH PRIMARY STEERING LOCATION

## General Service

TRUCK CONFIGURATION  
DOMICILED, USA (EXCLUDING CALIFORNIA  
AND CARB OPT-IN STATES)  
EPA CLEAN IDLE LABEL FOR INITIAL  
REGISTRATION IN EPA OR ACT STATES -  
(INCLUDES 6X4 INCH LABEL SHIPPED LOOSE)  
NONE  
FIRE SERVICE  
EMERGENCY VEHICLES BUSINESS SEGMENT  
LIQUID BULK 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 II WARRANTY  
EXPECTED FRONT AXLE(S) LOAD: 18000.0 lbs  
EXPECTED REAR DRIVE  
AXLE(S) LOAD: 46000.0 lbs  
EXPECTED GROSS VEHICLE  
WEIGHT CAPACITY: 64000.0 lbs

## Truck Service

FIRE TANK - NO MAIN DRIVELINE DRIVEN SPLIT-  
SHAFT PTO/PUMP

EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE  
FRAME "XX" INCHES: 32.0 in

## Engine

CUM L9 450EV HP @ 2100 RPM; 2200 GOV RPM,  
1250 LB-FT @ 1200 RPM, R/F/E

## Electronic Parameters

60 MPH ROAD SPEED LIMIT  
CRUISE CONTROL SPEED LIMIT SAME AS ROAD  
SPEED LIMIT  
PTO MODE ENGINE RPM LIMIT - 1250 RPM  
PTO MODE BRAKE OVERRIDE - SERVICE BRAKE  
APPLIED  
PTO RPM WITH CRUISE SET SWITCH - 1200  
RPM

PTO RPM WITH CRUISE RESUME SWITCH - 1200 RPM  
PTO MODE CANCEL VEHICLE SPEED - 15 MPH  
PTO GOVERNOR RAMP RATE - 500 RPM PER SECOND  
FUEL DOSING OF AFTERTREATMENT ENABLED IN PTO MODE-CLEANS HYDROCARBONS AT HIGH TEMPERATURES ONLY  
CRUISE CONTROL BUTTON PTO CONTROL AND ONE REMOTE PTO SPEED  
PTO SPEED 1 SETTING - 1200 RPM  
PTO MODE MINIMUM RPM -775  
REGEN INHIBIT SPEED THRESHOLD - 5 MPH  
PTO 1, NO SWITCH, TEM SUPPLIED REQUEST AND INTERLOCKS, WITH PTO CONNECTIONS, ENGAGE BEFORE DRIVING INTERLOCK  
PTO 2, NO SWITCH, TEM SUPPLIED REQUEST AND INTERLOCKS, WITH PTO CONNECTIONS, ENGAGE BEFORE DRIVING INTERLOCKS

## Engine Equipment

EPA 2010/GHG 2024 CONFIGURATION

STANDARD OIL PAN

SIDE OF HOOD AIR INTAKE WITH NFPA COMPLIANT EMBER SCREEN AND FIRE-RETARDANT DONALDSON AIR CLEANER  
DR 12V 275 AMP 40-SI BRUSHLESS PAD ALTERNATOR WITH REMOTE BATTERY VOLTAGE SENSE

(2) DTNA GENUINE, FLOODED STARTING, MIN 2000CCA, 370RC, THREADED STUD BATTERIES BATTERY BOX FRAME MOUNTED

STANDARD BATTERY JUMPERS

SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB  
WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN  
NON-POLISHED BATTERY BOX COVER

NON-ESSENTIAL POSITIVE LOAD DISCONNECT, IN CAB CONTROL SWITCH MOUNTED OUTBOARD OF DRIVER SEAT

PROGRESSIVE LOW VOLTAGE DISCONNECT AT 12.3 VOLTS FOR DESIGNATED CIRCUITS  
CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE  
STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR  
AIR COMPRESSOR DISCHARGE LINE

GVG, FIRE AND EMERGENCY SERVICE VEHICLES ENGINE WARNING

CUMMINS ENGINE INTEGRAL BRAKE WITH VARIABLE GEOMETRY TURBO ON/OFF WITH BRAKE LAMPS

RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE EXITING FORWARD OF REAR TIRES  
ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD ACTIVE REGENERATION AND VIRTUAL REGENERATION REQUEST SWITCH IN CLUSTER AND DASH MOUNTED INHIBIT SWITCH  
STANDARD EXHAUST SYSTEM LENGTH

RH HORIZONTAL TAILPIPE, EXIT FORWARD OF REAR TIRES

6 GALLON DIESEL EXHAUST FLUID TANK

100 PERCENT DIESEL EXHAUST FLUID FILL

LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION

STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING

STANDARD DIESEL EXHAUST FLUID TANK CAP

NO MUFFLER/TAILPIPE SHIELD

AIR POWERED ON/OFF ENGINE FAN CLUTCH

AUTOMATIC FAN CONTROL WITH DASH SWITCH AND INDICATOR LIGHT, NON ENGINE MOUNTED CUMMINS SPIN ON FUEL FILTER

COMBINATION FULL FLOW/BYPASS OIL FILTER

NO COOLANT FILTER

1300 SQUARE INCH ALUMINUM RADIATOR

ANTIFREEZE TO -60F, ETHYLENE GLYCOL PRE-CHARGED SCA HEAVY DUTY COOLANT

GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT

CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES

AUXILIARY ENGINE COOLING USING WATER FROM FIRE PUMP

LOWER RADIATOR GUARD

ALUMINUM FLYWHEEL HOUSING

ELECTRIC GRID AIR INTAKE WARMER

DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH

## Transmission

3000 EVS AUTOMATIC TRANSMISSION WITH PTO PROVISION

## Transmission Equipment

VOCATIONAL PACKAGE 198 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODEL EVS  
VOCATIONAL RATING FOR FIRE TRUCK/EMERGENCY VEHICLE APPLICATIONS  
AVAILABLE WITH ALL PRODUCT FAMILIES  
PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY  
SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY  
PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE  
SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE  
PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE  
SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE  
ENGINE BRAKE RANGE PRESELECT RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE

ENGINE BRAKE RANGE ALTERNATE PRESELECT  
RECOMMENDED BY DTNA AND ALLISON, THIS  
DEFINED BY ENGINE AND VOCATIONAL USAGE  
NEUTRAL AT STOP ENABLED

DRIVER SWITCH INPUT - DEFAULT - NO  
SWITCHES  
QUICKFIT BODY LIGHTING CONNECTOR UNDER  
CAB, WITH BLUNTCUTS  
ELECTRONIC TRANSMISSION WIRING TO  
CUSTOMER INTERFACE CONNECTOR  
(2) CUSTOMER INSTALLED MUNCIE CS10 SERIES  
PTO'S  
PTO MOUNTING, LH SIDE AND TOP RH SIDE OF  
MAIN TRANSMISSION ALLISON  
MAGNETIC PLUGS, ENGINE DRAIN,  
TRANSMISSION DRAIN, AXLE(S) FILL AND  
DRAIN  
HEAVY DUTY ELECTRONIC TRANSMISSION  
SHIFT CONTROL, COLUMN MOUNTED  
TRANSMISSION PROGNOSTICS - ENABLED 2013  
  
WATER TO OIL TRANSMISSION COOLER, IN  
RADIATOR END TANK  
TRANSMISSION OIL CHECK AND FILL WITH  
ELECTRONIC OIL LEVEL CHECK  
SYNTHETIC TRANSMISSION FLUID (TES-295  
COMPLIANT)

## Front Axle and Equipment

DA-F-18.0-5 18,000# FL1 71.0 KPI/3.74 DROP  
SINGLE FRONT AXLE  
16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES,  
DOUBLE ANCHOR, FABRICATED SHOES  
FIRE AND EMERGENCY SEVERE SERVICE, NON-  
ASBESTOS FRONT LINING  
CONMET CAST IRON FRONT BRAKE DRUMS  
  
FRONT BRAKE DUST SHIELDS  
  
FRONT OIL SEALS  
  
VENTED FRONT HUB CAPS WITH  
WINDOW, CENTER AND SIDE PLUGS - OIL  
STANDARD SPINDLE NUTS FOR ALL AXLES  
  
AUTOMATIC FRONT SLACK ADJUSTERS  
  
TRW TAS-85 POWER STEERING  
  
POWER STEERING PUMP  
  
2 QUART SEE THROUGH POWER STEERING  
RESERVOIR  
CURRENT AVAILABLE SYNTHETIC 75W-90 FRONT  
AXLE LUBE

## Front Suspension

18,000# TAPERLEAF FRONT SUSPENSION  
  
MAINTENANCE FREE RUBBER BUSHINGS -  
FRONT SUSPENSION  
FRONT SUSPENSION WITH LEFT HAND  
OFFSET SHACKLE BRACKET  
FRONT SHOCK ABSORBERS

## Rear Axle and Equipment

RT-46-160 46,000# R-SERIES TANDEM REAR  
AXLE  
6.14 REAR AXLE RATIO  
  
IRON REAR AXLE CARRIER WITH STANDARD  
AXLE HOUSING

MXL 176T EXTENDED LUBE MAIN DRIVELINE  
WITH HALF ROUND YOKES  
MXL 17T EXTENDED LUBE INTERAXLE  
DRIVELINE WITH HALF ROUND YOKES  
DRIVER CONTROLLED TRACTION  
DIFFERENTIAL - BOTH TANDEM REAR AXLES  
(1) INTERAXLE LOCK VALVE, (1) DRIVER  
CONTROLLED DIFFERENTIAL LOCK FORWARD-  
REAR AND REAR-REAR AXLE VALVE  
INDICATOR LIGHT FOR EACH INTERAXLE  
LOCKOUT SWITCH, DISENGAGE INTERAXLE  
LOCK WITH IGNITION OFF  
INDICATOR LIGHT FOR EACH DIFFERENTIAL  
LOCKOUT SWITCH, ENGAGE AT SPEEDS  
5MPH OR LESS, DISENGAGE W/IGN OFF  
MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR  
BRAKES, DOUBLE ANCHOR, FABRICATED  
SHOES  
FIRE AND EMERGENCY SEVERE SERVICE  
NON-ASBESTOS REAR BRAKE LINING  
STANDARD BRAKE CHAMBER LOCATION  
  
CAST IRON OUTBOARD REAR BRAKE DRUMS  
  
REAR BRAKE DUST SHIELDS  
  
REAR OIL SEALS  
  
HALDEX GOLDSEAL LONGSTROKE 2-DRIVE  
AXLES SPRING PARKING CHAMBERS  
HALDEX AUTOMATIC REAR SLACK  
ADJUSTERS  
CURRENT AVAILABLE SYNTHETIC 75W-90  
REAR AXLE LUBE

## Rear Suspension

RT463 @46,000# REAR SUSPENSION  
  
RT/RTE - 7.19" SADDLE  
  
STANDARD AXLE SEATS IN AXLE CLAMP  
GROUP  
54 INCH AXLE SPACING  
  
STEEL BEAMS AND BRONZE CENTER  
BUSHINGS WITH BAR PIN ADJUSTABLE END  
CONNECTIONS  
FORE/AFT CONTROL RODS

## Pusher / Tag Equipment

NO PUSHER/TAG BRAKE DUST SHIELDS

## Brake System

AIR BRAKE PACKAGE  
  
WABCO 4S/4M ABS WITH TRACTION CONTROL  
WITH ATC SHUT OFF SWITCH  
REINFORCED NYLON, FABRIC BRAID AND WIRE  
BRAID CHASSIS AIR LINES  
FIBER BRAID PARKING BRAKE HOSE  
  
STANDARD BRAKE SYSTEM VALVES  
  
STANDARD AIR SYSTEM PRESSURE  
PROTECTION SYSTEM  
STD U.S. FRONT BRAKE VALVE  
  
RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO  
REAR PROPORTIONING VALVE  
BW AD-9 BRAKE LINE AIR DRYER WITH HEATER  
  
AIR DRYER MOUNTED INBOARD ON LH RAIL

STEEL AIR TANKS MOUNTED AFT INSIDE AND/OR  
BELOW FRAME JUST FORWARD OF REAR  
SUSPENSION, NO TRIPLE OR TORPEDO TANKS  
BW DV-2 AUTO DRAIN VALVE WITHOUT HEATER  
ON ALL TANK(S)

### Trailer Connections

NO TRAILER AIR HOSE  
NO AIR HOSE HANGER  
NO TRAILER ELECTRICAL CABLE

### Wheelbase & Frame

6350MM (250 INCH) WHEELBASE  
7/16X3-9/16X11-1/8 INCH STEEL FRAME  
(11.11MMX282.6MM/0.437X11.13 INCH) 120KSI  
2275MM (90 INCH) REAR FRAME OVERHANG  
FRAME OVERHANG RANGE: 81 INCH TO 90  
INCH  
CALC'D BACK OF CAB TO REAR SUSP C/L  
(CA): 184.45 in  
CALCULATED EFFECTIVE BACK OF CAB TO  
REAR SUSPENSION C/L (CA): 181.45 in  
CALC'D FRAME LENGTH - OVERALL: 369.72 in  
CALCULATED FRAME SPACE LH SIDE: 125.27 in  
CALCULATED FRAME SPACE RH SIDE: 129.33 in  
CALC'D SPACE AVAILABLE  
FOR DECKPLATE: 0.0 in  
SQUARE END OF FRAME  
FRONT CLOSING CROSSMEMBER  
STANDARD WEIGHT ENGINE CROSSMEMBER  
STANDARD CROSSMEMBER BACK OF  
TRANSMISSION  
STANDARD MIDSHIP #1 CROSSMEMBER(S)  
STANDARD REARMOST CROSSMEMBER  
STANDARD SUSPENSION CROSSMEMBER  
THREE-PIECE 14 INCH CHROMED STEEL BUMPER  
WITH COLLAPSIBLE ENDS  
REMOVABLE FRONT TOW/RECOVERY DEVICE,  
STORED ON CHASSIS FRAME  
BUMPER MOUNTING FOR SINGLE LICENSE PLATE  
NO MUDFLAP BRACKETS  
NO REAR MUDFLAPS  
FENDER AND FRONT OF HOOD MOUNTED FRONT  
MUDFLAPS  
GRADE 8 THREADED HEX HEADED FRAME  
FASTENERS  
EXTERIOR HARNESSSES WRAPPED IN ABRASION  
TAPE  
3D STEP VEHICLE MODEL  
TANK BODY 1501 TO 3000 GALLONS  
CLEAR FRAME RAILS FROM BACK OF CAB TO  
FRONT REAR SUSPENSION BRACKET, BOTH RAILS  
OUTBOARD

### Fifth Wheel

NO FIFTH WHEEL

### Fuel Tanks

50 GALLON/189 LITER SHORT RECTANGULAR  
ALUMINUM FUEL TANK - LH  
RECTANGULAR FUEL TANK(S)  
  
PLAIN ALUMINUM/PAINTED STEEL  
FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS  
FUEL TANK(S) FORWARD  
  
PLAIN STEP FINISH  
  
FUEL TANK CAP(S)  
  
DETROIT FUEL/WATER SEPARATOR WITH WATER  
IN FUEL SENSOR  
EQUIFLO INBOARD FUEL SYSTEM  
  
HIGH TEMPERATURE REINFORCED NYLON FUEL  
LINE  
INSULATION FOR FUEL LINES  
  
FUEL COOLER MOUNTED LEFT HAND IN RAIL

## Tires

X WORKS Z 315/80R22.5 20 PLY RADIAL FRONT  
TIRES  
XDN2 11R22.5 16 PLY RADIAL REAR TIRES

## Hubs

CONMET PRESET PLUS PREMIUM IRON FRONT  
HUBS  
CONMET PRESET PLUS PREMIUM IRON REAR  
HUBS

## Wheels

89U64X 22.5X9.00 10-HUB PILOT 5.99 INSET  
ALUMINUM FRONT WHEELS  
ALCOA 88167X 22.5X8.25 10-HUB PILOT  
ALUMINUM DISC REAR WHEELS  
POLISHED DISC SIDE FRONT WHEELS WITH  
DURA-BRIGHT FINISH  
POLISHED OUTER (DISHED SIDE) REAR  
WHEELS WITH OUTER ONLY DURA-BRIGHT  
FINISH  
FRONT WHEEL MOUNTING NUTS  
REAR WHEEL MOUNTING NUTS

## Cab Exterior

112 INCH BBC FLAT ROOF ALUMINUM  
CONVENTIONAL CAB  
AIR CAB MOUNTING  
  
CAB ROOF REINFORCEMENTS FOR ROOF  
MOUNTED COMPONENTS  
BOLT-ON MOLDED FLEXIBLE FENDER  
EXTENSIONS  
LH AND RH EXTERIOR GRAB HANDLES WITH  
SINGLE RUBBER INSERT  
HOOD MOUNTED CHROMED PLASTIC GRILLE  
  
CHROME HOOD MOUNTED AIR INTAKE  
GRILLE  
FIBERGLASS HOOD  
  
HOOD LINER, ADDED FIREWALL AND FLOOR  
HEAT INSULATION  
SINGLE ELECTRIC HORN  
  
REAR LICENSE PLATE MOUNT END OF FRAME  
  
INTEGRAL HEADLIGHT/MARKER ASSEMBLY  
WITH CHROME BEZEL  
LED AERODYNAMIC MARKER LIGHTS

HEADLIGHTS OFF WITH IGNITION OFF, WITH  
DAYTIME RUNNING LIGHTS  
OMIT STOP/TAIL/BACKUP LIGHTS AND  
PROVIDE WIRING WITH SEPARATE STOP/TURN  
WIRES TO 4 FEET BEYOND END OF FRAME  
STANDARD FRONT TURN SIGNAL LAMPS

AUTOMATIC ON/OFF, ENGINE COMPARTMENT,  
HOOD ACTIVATED WORK LIGHT WITH MANUAL  
OVERRIDE  
DUAL WEST COAST BRIGHT FINISH HEATED  
MIRRORS WITH LH AND RH REMOTE  
DOOR MOUNTED MIRRORS

102 INCH EQUIPMENT WIDTH

LH AND RH 8 INCH BRIGHT FINISH CONVEX  
MIRRORS MOUNTED UNDER PRIMARY MIRRORS  
STANDARD SIDE/REAR REFLECTORS

63X14 INCH TINTED REAR WINDOW

TINTED DOOR GLASS LH AND RH WITH TINTED  
NON-OPERATING WING WINDOWS  
RH AND LH ELECTRIC POWERED WINDOWS

1-PIECE SOLAR GREEN GLASS WINDSHIELD

2 GALLON WINDSHIELD WASHER RESERVOIR  
WITHOUT FLUID LEVEL INDICATOR, FRAME  
MOUNTED

## Cab Interior

RUGGED TRIM PACKAGE

GRAY & CARBON VINYL INTERIOR "RUGGED"

CARBON WITH PREMIUM GUNMETAL ACCENT  
(RUGGED)  
MOLDED DOOR PANEL

MOLDED PLASTIC DOOR PANEL

BLACK MATS WITH SINGLE INSULATION

(1) DASH MOUNTED 12V POWER OUTLET, (1)  
DASH MOUNTED DUAL USB-C OUTLET  
FORWARD ROOF MOUNTED CONSOLE

LH AND RH DOOR STORAGE POCKETS  
INTEGRATED INTO MOLDED DOOR PANELS  
DIGITAL ALARM CLOCK IN DRIVER DISPLAY

(2) CUP HOLDERS LH AND RH DASH

M2/SD DASH

5 LB. FIRE EXTINGUISHER

HEATER, DEFROSTER AND AIR CONDITIONER

STANDARD HVAC DUCTING

MAIN HVAC CONTROLS WITH RECIRCULATION  
SWITCH

PREP KIT FOR CUSTOMER INSTALLED  
AUXILIARY HEATER, PLUMBING FROM ENGINE  
TO BACK OF CAB WITH SHUTOFF VALVES  
STANDARD HEATER PLUMBING

AUXILIARY HEATER PLUMBING

VALEO HEAVY DUTY A/C REFRIGERANT  
COMPRESSOR  
BINARY CONTROL, R-134A

PREMIUM INSULATION

SOLID-STATE CIRCUIT PROTECTION AND FUSES  
12V NEGATIVE GROUND ELECTRICAL SYSTEM  
PREMIUM LED CAB LIGHTING  
REMOTE KEYLESS ENTRY AND 2 TRANSMITTERS  
ALL UNIT(S) KEYED ALIKE WITH CUSTOMER  
SPECIFIED KEY NUMBER FT1031  
KEY QUANTITY OF 3  
LH AND RH 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  
SEATS INC 911 UNIVERSAL SERIES HIGH BACK AIR  
SUSPENSION DRIVER SEAT WITH NFPA 1901-  
2009/2016 COMPLIANT SEAT SENSOR  
SEATS INC 911 UNIVERSAL SERIES HIGH  
BACK NON-SUSPENSION PASSENGER SEAT WITH  
UNDERSEAT STORAGE AND NFPA 1901-2009/2016  
COMPLIANT SEAT SENSOR  
LH AND RH INTEGRAL DOOR PANEL ARMRESTS  
BLACK CORDURA PLUS CLOTH DRIVER SEAT  
COVER  
BLACK CORDURA PLUS CLOTH PASSENGER SEAT  
COVER  
NFPA 1901-2009 HIGH VISIBILITY ORANGE SEAT  
BELTS  
ADJUSTABLE TILT AND TELESCOPING STEERING  
COLUMN  
4-SPOKE 18 INCH (450MM) BLACK STEERING  
WHEEL WITH SWITCHES  
DRIVER AND PASSENGER INTERIOR SUN VISORS  
INTERFACE CONNECTORS AND WIRING FOR  
CUSTOMER PROVIDED LED STEP LIGHTING  
NO INSTRUMENT PANEL-DRIVER  
FULLY CONFIGURABLE CENTER INSTRUMENT  
PANELS  
ENGINE REMOTE INTERFACE WITH PARK BRAKE  
AND NEUTRAL INTERLOCKS  
BLACK GAUGE BEZELS  
LOW AIR PRESSURE INDICATOR LIGHT AND  
AUDIBLE ALARM WITH (1) ADDITIONAL PARK  
SWITCH FOR CUSTOMER USE  
DUAL NEEDLE PRIMARY AND SECONDARY AIR  
PRESSURE GAUGE  
ELECTRONIC AIR RESTRICTION INDICATOR  
DISPLAYED IN DRIVER DISPLAY  
ELECTRONIC CRUISE CONTROL WITH CONTROLS  
ON STEERING WHEEL SPOKES  
KEY OPERATED IGNITION SWITCH AND INTEGRAL  
START POSITION; 4 POSITION  
OFF/RUN/START/ACCESSORY  
PREMIUM INSTRUMENT CLUSTER WITH 5.0 INCH  
TFT COLOR DISPLAY  
DIGITAL PANEL LAMP DIMMER SWITCH IN DRIVER  
DISPLAY  
HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE  
CONNECTOR LOCATED BELOW LH DASH  
2 INCH ELECTRIC FUEL GAUGE  
ENGINE REMOTE INTERFACE WITH ONE OR MORE  
SET SPEEDS  
QUICKFIT POWERTRAIN INTERFACE CONNECTOR  
UNDER CAB WITH BLUNTCUTS

ENGINE REMOTE INTERFACE CONNECTOR AT  
POWERTRAIN INTERFACE CONNECTOR  
ELECTRICAL ENGINE COOLANT TEMPERATURE  
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  
PTO CONTROLS FOR ENHANCED VEHICLE  
ELECTRIC/ELECTRONIC ARCHITECTURE  
NO OBSTACLE DETECTION SYSTEM

NO DR ASSIST SYSTEM

(1) BACKUP CAMERA-END OF FRAME MOUNTED  
WITH 15 FOOT EXTRA LONG CABLE COILED AT  
END OF FRAME  
ELECTRONIC STABILITY CONTROL

NO LANE DEPARTURE WARNING SYSTEM

ELECTRIC ENGINE OIL PRESSURE GAUGE

CENTER OVERHEAD INSTRUMENT PANEL BLANK

1 QUIKFIT PROGRAMABLE MODULE (QPM/XMC) W/  
(4) 20AMP FUSED RELAYS  
NFPA VEHICLE DATA RECORDER AND SEATBELT  
DISPLAY  
7" B-PANEL INTERACTIVE TOUCHSCREEN DISPLAY  
RADIO W/ USB-C, APPLE CARPLAY, ANDROID  
AUTO, BLUETOOTH/AM/FM/SXM/WB, WITH  
MICROPHONE  
DASH MOUNTED RADIO

(2) RADIO SPEAKERS IN CAB

NO AM/FM RADIO ANTENNA

NO CB RADIO MOUNTING PROVISION

SHARKFIN MULTI-BAND ANTENNA, CENTRAL ROOF  
MOUNTING LOCATION: AM/FM/WEATHERBAND,  
WIFI/BLUETOOTH, SDAR/SIRIUSXM, GNSS/GPS  
INTEROPERABLE SDAR ANTENNA

STANDARD RADIO WIRING WITH STEERING  
WHEEL CONTROLS  
ELECTRONIC MPH SPEEDOMETER WITH  
SECONDARY KPH SCALE, WITHOUT ODOMETER  
STANDARD VEHICLE SPEED SENSOR

ELECTRONIC 3000 RPM TACHOMETER

DETROIT CONNECT PLATFORM HARDWARE

3 YEARS DAIMLER CONNECTIVITY BASE PACKAGE  
ON (FEATURES VARY BY MODEL) POWERED BY  
DETROIT CONNECT ON CUMMINS ENGINES  
TMC RP1226 ACCESSORY CONNECTOR LOCATED  
BEHIND PASSENGER SIDE REMOVEABLE DASH  
PANEL

IGNITION SWITCH CONTROLLED ENGINE STOP

STEERING WHEEL MOUNTED ELECTRIC HORN  
CONTROL

NO TRAILER HAND CONTROL BRAKE VALVE

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  
ALTERNATING FLASHING HEADLAMP SYSTEM  
WITH BODY BUILDER CONTROLLED  
ENGAGEMENT  
ONE VALVE PARKING BRAKE SYSTEM WITH DASH  
VALVE CONTROL AUTONEUTRAL 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  
NO WRG/SW-OPTL #2,CHAS,AIR

### Design

PAINT: ONE SOLID COLOR

### Color

CAB COLOR A: L0762EY MED RED ELITE EY  
BLACK, HIGH SOLIDS POLYURETHANE CHASSIS  
PAINT  
STANDARD E COAT/UNDERCOATING

### Certification / Compliance

U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS  
AND GLIDER KITS