## SPECIFICATION PROPOSAL

|  | |  | | **Description** | | **Weight Front** | | **Weight Rear** | |  | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Price Level** | | | | | | | | | | |
|  |  | | M2 PRL-18M (EFF:04/17/18) | |  | |  | |  | | |
| **Data Version** | | | | | | | | | | |
|  |  | | SPECPRO21 DATA RELEASE VER 004 | |  | |  | |  | | |
| **Interior Convenience/Driver Retention Package** | | | | | | | | | | |
|  |  | | INTERIOR CONVENIENCE PACKAGE | |  | |  | |  | | |
| **Vehicle Configuration** | | | | | | | | | | |
|  |  | | M2 106 CONVENTIONAL CHASSIS | | 5,709 | | 3,503 | |  | | |
|  |  | | 2019 MODEL YEAR SPECIFIED | |  | |  | |  | | |
|  |  | | SET BACK AXLE - TRUCK | |  | |  | |  | | |
|  |  | | STRAIGHT TRUCK PROVISION | |  | |  | |  | | |
|  |  | | LH PRIMARY STEERING LOCATION | |  | |  | |  | | |
| **General Service** | | | | | | | | | | |
|  |  | | TRUCK CONFIGURATION | |  | |  | |  | | |
|  |  | | DOMICILED, CANADA (OTHER THAN QUEBEC) | |  | |  | |  | | |
|  |  | | FIXED CANADIAN EXCHANGE | |  | |  | |  | | |
|  |  | | PICKUP AND DELIVERY/SHORT HAUL SERVICE | |  | |  | |  | | |
|  |  | | GENERAL FREIGHT BUSINESS SEGMENT | |  | |  | |  | | |
|  |  | | GENERAL FREIGHT 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 | |  | |  | |  | | |
|  |  | | MEDIUM TRUCK WARRANTY | |  | |  | |  | | |
|  |  | | EXPECTED FRONT AXLE(S) LOAD : 12000.0 lbs | |  | |  | |  | | |
|  |  | | EXPECTED REAR DRIVE AXLE(S) LOAD : 23000.0 lbs | |  | |  | |  | | |
|  |  | | EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 35000.0 lbs | |  | |  | |  | | |
| **Truck Service** | | | | | | | | | | |
|  |  | | DRY VAN BODY | |  | |  | |  | | |
|  |  | | DEALER STOCK TRUCK - UPFIT UNDETERMINED | |  | |  | |  | | |
|  |  | | EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in | |  | |  | |  | | |
| **Engine** | | | | | | | | | | |
|  |  | | CUM B6.7 300 HP @ 2600 RPM, 2600 GOV, 660 LB/FT @ 1600 RPM | |  | |  | |  | | |
| **Electronic Parameters** | | | | | | | | | | |
|  |  | | 65 MPH ROAD SPEED LIMIT | |  | |  | |  | | |
|  |  | | CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT | |  | |  | |  | | |
|  |  | | PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED | |  | |  | |  | | |
|  |  | | PTO RPM WITH CRUISE SET SWITCH - 700 RPM | |  | |  | |  | | |
|  |  | | PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM | |  | |  | |  | | |
|  |  | | PTO MODE CANCEL VEHICLE SPEED - 5 MPH | |  | |  | |  | | |
|  |  | | PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND | |  | |  | |  | | |
|  |  | | PTO MINIMUM RPM - 700 | |  | |  | |  | | |
|  |  | | REGEN INHIBIT SPEED THRESHOLD - 5 MPH | |  | |  | |  | | |
| **Engine Equipment** | | | | | | | | | | |
|  |  | | 2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION | |  | |  | |  | | |
|  |  | | NO 2008 CARB EMISSION CERTIFICATION | |  | |  | |  | | |
|  |  | | STANDARD OIL PAN | |  | |  | |  | | |
|  |  | | ENGINE MOUNTED OIL CHECK AND FILL | |  | |  | |  | | |
|  |  | | ONE PIECE VALVE COVER | |  | |  | |  | | |
|  |  | | SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER | |  | |  | |  | | |
|  |  | | DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE | |  | |  | |  | | |
|  |  | | (2) DTNA GENUINE, FLOODED STARTING, MIN 2250CCA, 390RC, 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 | |  | |  | |  | | |
|  |  | | NO CAB AUXILIARY POWER WIRING | |  | |  | |  | | |
|  |  | | CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE | |  | |  | |  | | |
|  |  | | STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR | |  | |  | |  | | |
|  |  | | AIR COMPRESSOR DISCHARGE LINE | |  | |  | |  | | |
|  |  | | ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM | |  | |  | |  | | |
|  |  | | CUMMINS EXHAUST BRAKE INTEGRAL WITH VARIABLE GEOMETRY TURBO WITH ON/OFF DASH SWITCH, ACTIVATES STOP LAMPS | | 20 | |  | |  | | |
|  |  | | RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE | |  | |  | |  | | |
|  |  | | ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH | |  | |  | |  | | |
|  |  | | STANDARD EXHAUST SYSTEM LENGTH | |  | |  | |  | | |
|  |  | | RH STANDARD HORIZONTAL TAILPIPE | |  | |  | |  | | |
|  |  | | 13 GALLON DIESEL EXHAUST FLUID TANK | | 35 | | 10 | |  | | |
|  |  | | 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 | |  | |  | |  | | |
|  |  | | AIR POWERED ON/OFF ENGINE FAN CLUTCH | |  | |  | |  | | |
|  |  | | AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED | |  | |  | |  | | |
|  |  | | CUMMINS SPIN ON FUEL FILTER | |  | |  | |  | | |
|  |  | | FULL FLOW OIL FILTER | |  | |  | |  | | |
|  |  | | 700 SQUARE INCH ALUMINUM RADIATOR | |  | |  | |  | | |
|  |  | | ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT | |  | |  | |  | | |
|  |  | | GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT | |  | |  | |  | | |
|  |  | | CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES | |  | |  | |  | | |
|  |  | | RADIATOR DRAIN VALVE | |  | |  | |  | | |
|  |  | | LOWER RADIATOR GUARD | |  | |  | |  | | |
|  |  | | PHILLIPS-TEMRO 750 WATT/115 VOLT BLOCK HEATER | | 4 | |  | |  | | |
|  |  | | PHILLIPS-TEMRO 150 WATT/115 VOLT OIL PREHEATER | | 4 | |  | |  | | |
|  |  | | CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR WITH CURRENT SENSOR LIGHT | |  | |  | |  | | |
|  |  | | ALUMINUM FLYWHEEL HOUSING | |  | |  | |  | | |
|  |  | | ELECTRIC GRID AIR INTAKE WARMER | |  | |  | |  | | |
|  |  | | DELCO 12V 29MT STARTER WITH INTEGRATED MAGNETIC SWITCH | |  | |  | |  | | |
| **Transmission** | | | | | | | | | | |
|  |  | | ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION | | 200 | | 60 | |  | | |
| **Transmission Equipment** | | | | | | | | | | |
|  |  | | ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV | |  | |  | |  | | |
|  |  | | ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY 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 | |  | |  | |  | | |
|  |  | | LOAD BASED SHIFT SCHEDULE AND VEHICLE ACCELERATION CONTROL RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED VOCATIONAL USAGE | |  | |  | |  | | |
|  |  | | NEUTRAL AT STOP - DISABLED, FUELSENSE - DISABLED | |  | |  | |  | | |
|  |  | | DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES | |  | |  | |  | | |
|  |  | | VEHICLE INTERFACE WIRING CONNECTOR WITH BLUNT CUTS, AT BACK OF CAB | |  | |  | |  | | |
|  |  | | ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED | |  | |  | |  | | |
|  |  | | CUSTOMER INSTALLED CHELSEA 278 SERIES PTO | |  | |  | |  | | |
|  |  | | PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION | |  | |  | |  | | |
|  |  | | MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN | |  | |  | |  | | |
|  |  | | PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH 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** | | | | | | | | | | |
|  |  | | MFS-12-143A 12,000# FF1 71.5 INCH KPI/3.74 INCH DROP SINGLE FRONT AXLE | | -5 | |  | |  | | |
|  |  | | MERITOR 15X4 Q+ CAM FRONT BRAKES | |  | |  | |  | | |
|  |  | | NON-ASBESTOS FRONT BRAKE LINING | |  | |  | |  | | |
|  |  | | CONMET CAST IRON FRONT BRAKE DRUMS | |  | |  | |  | | |
|  |  | | FRONT BRAKE DUST SHIELDS | | 5 | |  | |  | | |
|  |  | | FRONT OIL SEALS | |  | |  | |  | | |
|  |  | | VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL | |  | |  | |  | | |
|  |  | | STANDARD SPINDLE NUTS FOR ALL AXLES | |  | |  | |  | | |
|  |  | | MERITOR AUTOMATIC FRONT SLACK ADJUSTERS | |  | |  | |  | | |
|  |  | | TRW THP-60 POWER STEERING | |  | |  | |  | | |
|  |  | | POWER STEERING PUMP | |  | |  | |  | | |
|  |  | | 2 QUART SEE THROUGH POWER STEERING RESERVOIR | |  | |  | |  | | |
|  |  | | SYNTHETIC 75W-90 FRONT AXLE LUBE | |  | |  | |  | | |
| **Front Suspension** | | | | | | | | | | |
|  |  | | 12,000# DUAL TAPERLEAF FRONT SUSPENSION | | 42 | |  | |  | | |
|  |  | | MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION | |  | |  | |  | | |
|  |  | | FRONT SUSPENSION WITH SHACKLES AND MOUNTING BOLT HEADS INBOARD | |  | |  | |  | | |
|  |  | | FRONT SHOCK ABSORBERS | |  | |  | |  | | |
| **Rear Axle and Equipment** | | | | | | | | | | |
|  |  | | RS-23-161 23,000# R-SERIES SINGLE REAR AXLE | |  | | 174 | |  | | |
|  |  | | 6.14 REAR AXLE RATIO | |  | |  | |  | | |
|  |  | | IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING | |  | |  | |  | | |
|  |  | | MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES | | 40 | | 40 | |  | | |
|  |  | | DRIVER CONTROLLED TRACTION DIFFERENTIAL - SINGLE REAR AXLE | |  | |  | |  | | |
|  |  | | (1) DRIVER CONTROLLED DIFFERENTIAL LOCK REAR VALVE FOR SINGLE DRIVE AXLE | |  | |  | |  | | |
|  |  | | BUZZER AND BLINKING LAMP WITH EACH MODE SWITCH, DIFFERENTIAL UNLOCK WITH IGNITION OFF, ACTIVE <5 MPH | |  | |  | |  | | |
|  |  | | MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES | |  | |  | |  | | |
|  |  | | NON-ASBESTOS REAR BRAKE LINING | |  | |  | |  | | |
|  |  | | BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S) WITH AUXILIARY SUPPORT BRACKETS | |  | |  | |  | | |
|  |  | | CONMET CAST IRON REAR BRAKE DRUMS | |  | |  | |  | | |
|  |  | | REAR BRAKE DUST SHIELDS | |  | | 5 | |  | | |
|  |  | | REAR OIL SEALS | |  | |  | |  | | |
|  |  | | WABCO TRISTOP D LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS | |  | |  | |  | | |
|  |  | | MERITOR AUTOMATIC REAR SLACK ADJUSTERS | |  | |  | |  | | |
|  |  | | SYNTHETIC 75W-90 REAR AXLE LUBE | |  | |  | |  | | |
| **Rear Suspension** | | | | | | | | | | |
|  |  | | AIRLINER 23,000# REAR SUSPENSION WITH CHAIN CLEARANCE | |  | | 180 | |  | | |
|  |  | | AIRLINER HIGH POSITION RIDE HEIGHT | |  | |  | |  | | |
|  |  | | STANDARD AXLE SEATS IN AXLE CLAMP GROUP | |  | |  | |  | | |
|  |  | | MANUAL DUMP VALVE FOR AIR SUSPENSION WITH GAUGE | |  | |  | |  | | |
|  |  | | INDICATOR LIGHT AND BUZZER FOR EACH REAR SUSPENSION CONTROL SWITCH | |  | |  | |  | | |
|  |  | | SINGLE AIR REAR SUSPENSION LEVELING VALVE | |  | |  | |  | | |
|  |  | | TRANSVERSE CONTROL RODS | |  | |  | |  | | |
|  |  | | REAR SHOCK ABSORBERS - ONE AXLE (AIR RIDE SUSPENSION) | |  | |  | |  | | |
| **Brake System** | | | | | | | | | | |
|  |  | | AIR BRAKE PACKAGE | |  | |  | |  | | |
|  |  | | WABCO 4S/4M ABS | |  | |  | |  | | |
|  |  | | 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 | |  | |  | |  | | |
|  |  | | WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR AND HEATER | |  | |  | |  | | |
|  |  | | WABCO OIL COALESCING FILTER FOR AIR DRYER | |  | |  | |  | | |
|  |  | | AIR DRYER FRAME MOUNTED | |  | |  | |  | | |
|  |  | | STEEL AIR BRAKE RESERVOIRS | |  | |  | |  | | |
|  |  | | PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS | |  | |  | |  | | |
| **Trailer Connections** | | | | | | | | | | |
|  |  | | UPGRADED CHASSIS MULTIPLEXING UNIT | |  | |  | |  | | |
|  |  | | UPGRADED BULKHEAD MULTIPLEXING UNIT | |  | |  | |  | | |
| **Wheelbase & Frame** | | | | | | | | | | |
|  |  | | 7100MM (280 INCH) WHEELBASE | |  | |  | |  | | |
|  |  | | 11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI | | 480 | | 180 | |  | | |
|  |  | | 2800MM (110 INCH) REAR FRAME OVERHANG | |  | |  | |  | | |
|  |  | | FRAME OVERHANG RANGE: 101 INCH TO 110 INCH | | -90 | | 380 | |  | | |
|  |  | | CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 213.95 in | |  | |  | |  | | |
|  |  | | CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 210.95 in | |  | |  | |  | | |
|  |  | | CALC'D FRAME LENGTH - OVERALL : 428.68 | |  | |  | |  | | |
|  |  | | CALC'D SPACE AVAILABLE FOR DECKPLATE : 214.45 in | |  | |  | |  | | |
|  |  | | CALCULATED FRAME SPACE LH SIDE : 151.46 in | |  | |  | |  | | |
|  |  | | CALCULATED FRAME SPACE RH SIDE : 122.64 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 | |  | |  | |  | | |
|  |  | | HEAVY DUTY SUSPENSION CROSSMEMBER | |  | | 30 | |  | | |
| **Chassis Equipment** | | | | | | | | | | |
|  |  | | THREE-PIECE 14 INCH CHROMED STEEL BUMPER WITH COLLAPSIBLE ENDS | | 30 | |  | |  | | |
|  |  | | FRONT TOW HOOKS - FRAME MOUNTED | | 15 | |  | |  | | |
|  |  | | BUMPER MOUNTING FOR SINGLE LICENSE PLATE | |  | |  | |  | | |
|  |  | | FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS | |  | |  | |  | | |
|  |  | | GRADE 8 THREADED HEX HEADED FRAME FASTENERS | |  | |  | |  | | |
| **Fuel Tanks** | | | | | | | | | | |
|  |  | | 60 GALLON/227 LITER RECTANGULAR ALUMINUM FUEL TANK - RH | | 90 | | 20 | |  | | |
|  |  | | 60 GALLON/227 LITER RECTANGULAR ALUMINUM FUEL TANK - LH | | 30 | |  | |  | | |
|  |  | | RECTANGULAR FUEL TANK(S) | |  | |  | |  | | |
|  |  | | PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS | |  | |  | |  | | |
|  |  | | LH FUEL TANK MOUNTED FORWARD, RH FUEL TANK MOUNTED AFT | | -35 | | 35 | |  | | |
|  |  | | BLACK STEP FINISH | |  | |  | |  | | |
|  |  | | FUEL TANK CAP(S) | |  | |  | |  | | |
|  |  | | DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR AND HAND PRIMER | | -5 | |  | |  | | |
|  |  | | EQUIFLO INBOARD FUEL SYSTEM | |  | |  | |  | | |
|  |  | | NO NATURAL GAS VEHICLE FUEL TANK VENT LINE/STACK | |  | |  | |  | | |
|  |  | | HIGH TEMPERATURE REINFORCED NYLON FUEL LINE | |  | |  | |  | | |
| **Tires** | | | | | | | | | | |
|  |  | | MICHELIN X LINE ENERGY Z 11R22.5 16 PLY RADIAL FRONT TIRES | | 10 | |  | |  | | |
|  |  | | MICHELIN XDN2 11R22.5 16 PLY RADIAL REAR TIRES | |  | | 80 | |  | | |
| **Hubs** | | | | | | | | | | |
|  |  | | CONMET PRESET PLUS PREMIUM IRON FRONT HUBS | |  | |  | |  | | |
|  |  | | CONMET PRESET PLUS PREMIUM IRON REAR HUBS | |  | |  | |  | | |
| **Wheels** | | | | | | | | | | |
|  |  | | ALCOA LVL ONE 88367X 22.5X8.25 10-HUB PILOT 5.79 INSET ALUMINUM DISC FRONT WHEELS | | -50 | |  | |  | | |
|  |  | | MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC REAR WHEELS | |  | |  | |  | | |
|  |  | | FRONT WHEEL MOUNTING NUTS | |  | |  | |  | | |
|  |  | | REAR WHEEL MOUNTING NUTS | |  | |  | |  | | |
|  |  | | NYLON WHEEL GUARDS FRONT AND REAR ALL INTERFACES | |  | |  | |  | | |
| **Cab Exterior** | | | | | | | | | | |
|  |  | | 106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB | |  | |  | |  | | |
|  |  | | AIR CAB MOUNTING | |  | |  | |  | | |
|  |  | | NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE | |  | |  | |  | | |
|  |  | | 2-1/2 INCH FENDER EXTENSIONS | | 10 | |  | |  | | |
|  |  | | LH AND RH GRAB HANDLES | |  | |  | |  | | |
|  |  | | HOOD MOUNTED CHROMED PLASTIC GRILLE | |  | |  | |  | | |
|  |  | | CHROME HOOD MOUNTED AIR INTAKE GRILLE | |  | |  | |  | | |
|  |  | | FIBERGLASS HOOD | |  | |  | |  | | |
|  |  | | HOOD LINER, ADDED FIREWALL AND FLOOR HEAT INSULATION | | 5 | |  | |  | | |
|  |  | | DUAL 26 INCH RECTANGULAR POLISHED ALUMINUM AIR HORNS ROOF MOUNTED | | 8 | |  | |  | | |
|  |  | | SINGLE ELECTRIC HORN | |  | |  | |  | | |
|  |  | | DUAL HORN SHIELDS | |  | |  | |  | | |
|  |  | | DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME WITH (4) KEYS | |  | |  | |  | | |
|  |  | | REAR LICENSE PLATE MOUNT END OF FRAME | |  | |  | |  | | |
|  |  | | SWITCH, INDICATOR LIGHT AND WIRING FOR (2) CUSTOMER FURNISHED BEACONS | |  | |  | |  | | |
|  |  | | INTEGRAL HEADLIGHT/MARKER ASSEMBLY WITH CHROME BEZEL | |  | |  | |  | | |
|  |  | | LED AERODYNAMIC MARKER LIGHTS | |  | |  | |  | | |
|  |  | | DAYTIME RUNNING LIGHTS | |  | |  | |  | | |
|  |  | | INTEGRAL STOP/TAIL/BACKUP LIGHTS | |  | |  | |  | | |
|  |  | | STANDARD FRONT TURN SIGNAL LAMPS | |  | |  | |  | | |
|  |  | | DUAL WEST COAST MOLDED-IN COLOR HEATED MIRRORS | |  | |  | |  | | |
|  |  | | DOOR MOUNTED MIRRORS | |  | |  | |  | | |
|  |  | | 102 INCH EQUIPMENT WIDTH | |  | |  | |  | | |
|  |  | | LH AND RH 8 INCH MOLDED-IN COLOR CONVEX MIRRORS M0UNTED UNDER PRIMARY MIRRORS | |  | |  | |  | | |
|  |  | | RH AND LH 8 INCH STAINLESS STEEL FENDER MOUNTED CONVEX MIRRORS WITH TRIPOD BRACKETS | | 8 | |  | |  | | |
|  |  | | STANDARD SIDE/REAR REFLECTORS | |  | |  | |  | | |
|  |  | | DUAL LEVEL CAB ENTRY STEPS ON BOTH SIDES | |  | |  | |  | | |
|  |  | | COMPOSITE EXTERIOR SUN VISOR | | 10 | |  | |  | | |
|  |  | | 63X14 INCH TINTED REAR WINDOW | |  | |  | |  | | |
|  |  | | TINTED DOOR GLASS LH AND RH WITH TINTED OPERATING WING WINDOWS | |  | |  | |  | | |
|  |  | | RH AND LH ELECTRIC POWERED WINDOWS, PASSENGER SWITCHES ON DOOR(S) | | 4 | |  | |  | | |
|  |  | | TINTED WINDSHIELD | |  | |  | |  | | |
|  |  | | 2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED | |  | |  | |  | | |
| **Cab Interior** | | | | | | | | | | |
|  |  | | OPAL GRAY VINYL INTERIOR | |  | |  | |  | | |
|  |  | | MOLDED DOOR PANEL WITH UPPER VINYL INSERTS | |  | |  | |  | | |
|  |  | | MOLDED DOOR PANEL WITH UPPER VINYL INSERTS | |  | |  | |  | | |
|  |  | | BLACK MATS WITH SINGLE INSULATION | |  | |  | |  | | |
|  |  | | FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS AND ADDITIONAL CENTER COMPARTMENT WITHOUT NETTING | |  | |  | |  | | |
|  |  | | IN DASH STORAGE BIN | |  | |  | |  | | |
|  |  | | (2) CUP HOLDERS LH AND RH DASH | |  | |  | |  | | |
|  |  | | GRAY/CHARCOAL FLAT DASH | |  | |  | |  | | |
|  |  | | SMART SWITCH EXPANSION MODULE | |  | |  | |  | | |
|  |  | | 2-1/2 LB. FIRE EXTINGUISHER | | 5 | |  | |  | | |
|  |  | | FIRST AID KIT | | 2 | |  | |  | | |
|  |  | | HEATER, DEFROSTER AND AIR CONDITIONER | |  | |  | |  | | |
|  |  | | STANDARD HVAC DUCTING | |  | |  | |  | | |
|  |  | | MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH | |  | |  | |  | | |
|  |  | | STANDARD HEATER PLUMBING | |  | |  | |  | | |
|  |  | | DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR | |  | |  | |  | | |
|  |  | | BINARY CONTROL, R-134A | |  | |  | |  | | |
|  |  | | PREMIUM INSULATION | |  | |  | |  | | |
|  |  | | SOLID-STATE CIRCUIT PROTECTION AND FUSES | |  | |  | |  | | |
|  |  | | 12V NEGATIVE GROUND ELECTRICAL SYSTEM | |  | |  | |  | | |
|  |  | | DOME DOOR ACTIVATED LH AND RH, DUAL READING LIGHTS, FORWARD CAB ROOF | |  | |  | |  | | |
|  |  | | LH AND RH ELECTRIC DOOR LOCKS | |  | |  | |  | | |
|  |  | | (1) 12 VOLT POWER SUPPLY IN DASH | |  | |  | |  | | |
|  |  | | TRIANGULAR REFLECTORS WITHOUT FLARES | | 10 | |  | |  | | |
|  |  | | ELITE HIGH BACK AIR SUSPENSION DRIVER SEAT WITH HEAT, 3 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION, FORWARD AND REAR CUSHION TILT AND ADJUSTABLE SHOCK | | 50 | |  | |  | | |
|  |  | | 2 MAN TOOL BOX MID BACK NON SUSPENSION PASSENGER SEAT WITH HEADRESTS | | 70 | | 20 | |  | | |
|  |  | | DUAL DRIVER SEAT ARMRESTS, NO PASSENGER SEAT ARMRESTS | | 4 | |  | |  | | |
|  |  | | LH AND RH INTEGRAL DOOR PANEL ARMRESTS | |  | |  | |  | | |
|  |  | | BLACK MORDURA CLOTH DRIVER SEAT COVER | |  | |  | |  | | |
|  |  | | BLACK MORDURA CLOTH PASSENGER SEAT COVER | |  | |  | |  | | |
|  |  | | BLACK SEAT BELTS | |  | |  | |  | | |
|  |  | | ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN | | 10 | |  | |  | | |
|  |  | | 4-SPOKE 18 INCH (450MM) STEERING WHEEL | |  | |  | |  | | |
|  |  | | DRIVER AND PASSENGER INTERIOR SUN VISORS | |  | |  | |  | | |
| **Instruments & Controls** | | | | | | | | | | |
|  |  | | WOODGRAIN DRIVER INSTRUMENT PANEL | |  | |  | |  | | |
|  |  | | WOODGRAIN CENTER INSTRUMENT PANEL | |  | |  | |  | | |
|  |  | | BLACK GAUGE BEZELS | |  | |  | |  | | |
|  |  | | LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM | |  | |  | |  | | |
|  |  | | 2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES | |  | |  | |  | | |
|  |  | | INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS | |  | |  | |  | | |
|  |  | | 97 DB BACKUP ALARM | |  | | 3 | |  | | |
|  |  | | ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL | |  | |  | |  | | |
|  |  | | KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY | |  | |  | |  | | |
|  |  | | ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED | |  | |  | |  | | |
|  |  | | HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH | |  | |  | |  | | |
|  |  | | 2 INCH ELECTRIC FUEL GAUGE | |  | |  | |  | | |
|  |  | | PROGRAMMABLE RPM CONTROL - ELECTRONIC ENGINE | |  | |  | |  | | |
|  |  | | ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE | |  | |  | |  | | |
|  |  | | 2 INCH TRANSMISSION OIL TEMPERATURE GAUGE | |  | |  | |  | | |
|  |  | | ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY | |  | |  | |  | | |
|  |  | | (1) DASH MOUNTED PTO SWITCH WITH INDICATOR LAMP FOR CUSTOMER INSTALLED PTO | | 5 | |  | |  | | |
|  |  | | ELECTRIC ENGINE OIL PRESSURE GAUGE | |  | |  | |  | | |
|  |  | | AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH AND USB AND AUXILIARY INPUTS, J1939 | | 10 | |  | |  | | |
|  |  | | DASH MOUNTED RADIO | |  | |  | |  | | |
|  |  | | (2) RADIO SPEAKERS IN CAB | |  | |  | |  | | |
|  |  | | AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF | |  | |  | |  | | |
|  |  | | ELECTRONIC KPH SPEEDOMETER WITH SECONDARY MPH SCALE, WITHOUT ODOMETER | |  | |  | |  | | |
|  |  | | STANDARD VEHICLE SPEED SENSOR | |  | |  | |  | | |
|  |  | | ELECTRONIC 3000 RPM TACHOMETER | |  | |  | |  | | |
|  |  | | IDLE LIMITER, ELECTRONIC ENGINE | |  | |  | |  | | |
|  |  | | PRE-TRIP LAMP INSPECTION, ALL OUTPUTS FLASH, WITH SMART SWITCH | |  | |  | |  | | |
|  |  | | DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY | |  | |  | |  | | |
|  |  | | SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY AND ARCTIC TYPE BLADES | |  | |  | |  | | |
|  |  | | MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH | |  | |  | |  | | |
|  |  | | ONE VALVE PARKING BRAKE SYSTEM WITH DASH VALVE CONTROL AUTONEUTRAL AND WARNING INDICATOR | |  | |  | |  | | |
|  |  | | SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE | |  | |  | |  | | |
|  |  | | INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS | |  | |  | |  | | |
| **Design** | | | | | | | | | | |
|  |  | | PAINT: ONE SOLID COLOR | |  | |  | |  | | |
| **Color** | | | | | | | | | | |
|  |  | | CAB COLOR A: L0006EB WHITE ELITE BC | |  | |  | |  | | |
|  |  | | BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT | |  | |  | |  | | |
|  |  | | POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW) | |  | |  | |  | | |
|  |  | | SUNVISOR PAINTED SAME AS CAB COLOR A | |  | |  | |  | | |
|  |  | | STANDARD E COAT/UNDERCOATING | |  | |  | |  | | |
| **Certification / Compliance** | | | | | | | | | | |
|  |  | | CANADA CMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS | |  | |  | |  | | |
| **Raw Performance Data** | | | | | | | | | | |
|  |  | | CALC'D FRAME LENGTH - OVERALL : 428.68 | |  | |  | |  | | |
|  |  | | CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 210.95 in | |  | |  | |  | | |
|  |  | | CALC'D SPACE AVAILABLE FOR DECKPLATE : 214.45 in | |  | |  | |  | | |

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| --- |
| **TOTAL VEHICLE SUMMARY** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Weight Summary** | | | |
|  | **Weight**  **Front** | **Weight**  **Rear** | **Total**  **Weight** |
| Factory Weight+ | 6740 lbs | 4720 lbs | 11460 lbs |
|  |  |  |  |
| Total Weight+ | 6740 lbs | 4720 lbs | 11460 lbs |

(+) Weights shown are estimates only.

If weight is critical, contact Customer Application Engineering.