

F 3 8 A B A R X**S P E C I F I C A T I O N P R O P O S A L****Vehicle Configuration**

M2 106 CONVENTIONAL CHASSIS
 2018 MODEL YEAR SPECIFIED
 TRAILER TOWING PROVISION AT END OF FRAME FOR TRUCK

General Service

TRUCK/TRAILER CONFIGURATION
 DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)
 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 : 21000.0 lbs
 EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 33000.0 lbs
 EXPECTED GROSS COMBINATION WEIGHT : 33000.0 lbs

Engine

CUM B6.7 300 HP @ 2600 RPM, 2600 GOV, 660 LB/FT @ 1600 RPM

Electronic Parameters

85 MPH ROAD SPEED LIMIT
 CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT
 PTO MODE ENGINE RPM LIMIT - 1100 RPM
 PTO MODE BRAKE OVERRIDE - SERVICE BRAKE ONLY ENABLED
 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 - 0 MPH

Engine Equipment

2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/GHG14
 2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)
 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) ALLIANCE MODEL 1131, GROUP 31, 12 VOLT MAINTENANCE FREE 1900 CCA BATTERIES
 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
 CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE
 ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM
 CUMMINS EXHAUST BRAKE INTEGRAL WITH VARIABLE GEOMETRY TURBO WITH ON/OFF DASH SWITCH
 RH INBOARD FRAME MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH
 HORIZONTAL TAILPIPE
 ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH
 MOUNTED REGENERATION REQUEST SWITCH
 STANDARD EXHAUST SYSTEM LENGTH
 RH STANDARD HORIZONTAL TAILPIPE
 6 GALLON DIESEL EXHAUST FLUID TANK
 HORTON HT650 FRONTAL AIR ON/OFF ENGINE FAN CLUTCH
 AUTOMATIC FAN CONTROL WITH DASH SWITCH AND INDICATOR LIGHT, NON ENGINE MOUNTED
 CUMMINS SPIN ON FUEL FILTER
 FULL FLOW OIL FILTER
 950 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
 LOWER RADIATOR GUARD
 PHILLIPS-TEMRO 750 WATT/115 VOLT BLOCK HEATER
 CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR
 ALUMINUM FLYWHEEL HOUSING
 ELECTRIC GRID AIR INTAKE WARMER
 DELCO 12V 29MT STARTER WITH INTEGRATED MAGNETIC SWITCH

Transmission

ALLISON 2500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION

Transmission Equipment

ALLISON VOCATIONAL PACKAGE RDS
 PRIMARY MODE GEARS, 6 FORWARD GEARS WITH MANUAL SELECTION FOR 3, 2 AND 1
 CUSTOMER INSTALLED MUNCIE CS6 SERIES PTO WITH ELECTRIC/HYDRAULIC CONTROLS
 PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION
 MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN
 DASH MOUNTED T-HANDLE CABLE SHIFT CONTROL WITHOUT PARK BRAKE POSITION
 WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK
 TRANSMISSION OIL CHECK AND FILL
 SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)

Front Axle and Equipment

DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
 MERITOR 16.5X5 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES

NON-ASBESTOS FRONT BRAKE LINING
 CONMET CAST IRON FRONT BRAKE DRUMS
 SKF SCOTSEAL PLUS XL FRONT OIL SEALS
 VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL
 MERITOR AUTOMATIC FRONT SLACK ADJUSTERS
 TRW THP-60 POWER STEERING
 2 QUART SEE THROUGH POWER STEERING RESERVOIR
 SYNTHETIC 75W-90 FRONT AXLE LUBE

Front Suspension

12,000# DUAL TAPERLEAF FRONT SUSPENSION
 MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION
 FRONT SHOCK ABSORBERS

Rear Axle and Equipment

MS-21-14X 21,000# R-SERIES SINGLE REAR AXLE
 5.29 REAR AXLE RATIO
 IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING
 SPL100 DANA SPICER MAIN DRIVELINE WITH HALF ROUND YOKES
 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
 SKF SCOTSEAL PLUS XL REAR OIL SEALS
 HALDEX GOLDSEAL 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
 AIRLINER HIGH POSITION RIDE HEIGHT
 STANDARD U-BOLT PAD
 MANUAL DUMP VALVE FOR AIR SUSPENSION WITHOUT 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 WITHOUT TRACTION CONTROL
 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
 RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE
 WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER
 PULL CABLES ON ALL AIR RESERVOIR(S)

Trailer Connections

AIR CONNECTIONS TO END OF FRAME WITH GLAD HANDS FOR TRUCK AND NO DUST COVERS
 PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, CENTER PIN POWERED
 SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME
 UPGRADED CHASSIS MULTIPLEXING UNIT
 UPGRADED BULKHEAD MULTIPLEXING UNIT

Wheelbase & Frame

5850MM (230 INCH) WHEELBASE
 11/32X3-1/2X10-3/16 INCH STEEL FRAME (8.73MMX258.8MM/0.344X10.19 INCH) 120KSI
 CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 138.86 in
 FRONT CLOSING CROSSMEMBER
 STANDARD WEIGHT ENGINE CROSSMEMBER
 STANDARD MIDSHIP #1 CROSSMEMBER(S)
 STANDARD REARMOST CROSSMEMBER
 HEAVY DUTY SUSPENSION CROSSMEMBER

Chassis Equipment

THREE-PIECE 14 INCH CHROMED STEEL BUMPER WITH COLLAPSIBLE ENDS
 FRONT TOW HOOKS - FRAME MOUNTED
 FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS
 GRADE 8 THREADED HEX HEADED FRAME FASTENERS

Fuel Tanks

50 GALLON/189 LITER RECTANGULAR ALUMINUM FUEL TANK - RH
 50 GALLON/189 LITER SHORT RECTANGULAR ALUMINUM FUEL TANK - LH
 POLISHING OF FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS
 BLACK STEP FINISH
 ALLIANCE FUEL FILTER/WATER SEPARATOR WITH PRIMER PUMP
 EQUIFLO INBOARD FUEL SYSTEM

Tires

MICHELIN XZE2 275/80R22.5 14 PLY RADIAL FRONT TIRES
 MICHELIN XDA ENERGY 275/80R22.5 14 PLY RADIAL REAR TIRES

Hubs

CONMET PRE-SET BEARING IRON FRONT HUBS
 CONMET PRE-SET BEARING IRON REAR HUBS

Wheels

ALCOA LVL ONE 88367X 22.5X8.25 10-HUB PILOT ALUMINUM DISC FRONT WHEELS
 ALCOA LVL ONE ALUMINUM OUTSIDE, STEEL INSIDE; 22.5X8.25 10-HP DISC REAR WHEELS
 POLISHED FRONT WHEELS; OUTSIDE ONLY
 POLISHED REAR WHEELS; OUTSIDE OF OUTER WHEELS ONLY

Cab Exterior

132 INCH BBC HIGH-ROOF EXTENDED ALUMINUM CONVENTIONAL CAB
 AIR CAB MOUNTS
 NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE
 LH AND RH GRAB HANDLES
 HOOD MOUNTED CHROMED PLASTIC GRILLE
 CHROMED HOOD MOUNTED AIR INTAKE GRILLE
 TUNNEL/FIREWALL LINER
 DUAL 26 INCH RECTANGULAR POLISHED ALUMINUM AIR HORNS ROOF MOUNTED
 SINGLE ELECTRIC HORN
 DUAL HORN SHIELDS
 INTEGRAL HEADLIGHT/MARKER ASSEMBLY WITH CHROME BEZEL
 LED AERODYNAMIC MARKER LIGHTS
 DAYTIME RUNNING LIGHTS
 STANDARD FRONT TURN SIGNAL LAMPS
 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
 DUAL LEVEL CAB ENTRY STEPS ON BOTH SIDES
 COMPOSITE EXTERIOR SUN VISOR
 63X14 INCH TINTED REAR WINDOW
 TINTED DOOR GLASS LH AND RH WITH TINTED OPERATING WING WINDOWS
 RH AND LH ELECTRIC POWERED WINDOWS
 20X23 INCH LH AND RH TINTED SIDE WINDOWS
 TINTED WINDSHIELD
 2 GALLON WINDSHIELD WASHER RESERVOIR WITH FLUID LEVEL INDICATOR, FRAME MOUNTED

Cab Interior

OPAL GRAY VINYL INTERIOR
 INTERIOR CONVENIENCE PACKAGE
 MOLDED DOOR PANEL WITH UPPER VINYL INSERTS
 MOLDED DOOR PANEL WITH UPPER VINYL INSERTS
 BLACK MATS WITH SINGLE INSULATION
 DASH MOUNTED ASH TRAYS AND LIGHTER
 FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS AND ADDITIONAL
 CENTER COMPARTMENT WITHOUT NETTING

IN DASH STORAGE BIN
 PLASTIC MANIFEST BOX - LH DOOR
 (2) CUP HOLDERS LH AND RH DASH
 GRAY/CHARCOAL FLAT DASH
 2-1/2 LB. FIRE EXTINGUISHER
 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
 STANDARD INSULATION
 SOLID-STATE CIRCUIT PROTECTION AND FUSES
 12V NEGATIVE GROUND ELECTRICAL SYSTEM
 DOOR ACTIVATED DOME/RED MAP LIGHTS, FORWARD LH AND RH AND REAR CENTER
 LH AND RH ELECTRIC DOOR LOCKS
 PREMIUM HIGH BACK AIR SUSPENSION DRIVER SEAT WITH 3 CHAMBER AIR LUMBAR, INTEGRATED
 CUSHION EXTENSION, FORWARD AND REAR CUSHION TILT, ADJUSTABLE SHOCK ABSORBER
 HIGH BACK NON SUSPENSION PASSENGER SEAT
 FULL WIDTH REAR BENCH SEAT
 DUAL DRIVER SEAT ARMRESTS, NO PASSENGER SEAT ARMRESTS
 LH AND RH INTEGRAL DOOR PANEL ARMRESTS
 VINYL WITH VINYL INSERT DRIVER SEAT
 VINYL WITH VINYL INSERT PASSENGER SEAT
 VINYL WITH VINYL INSERT REAR PASSENGER SEAT
 3 POINT DRIVER AND FRONT PASSENGER SEAT BELTS; 3 POINT LH AND RH AND 2 POINT CENTER
 REAR PASSENGER SEAT BELTS
 ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN
 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 LIGHT AND BUZZER
 2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES
 INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS
 ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL
 KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION
 OFF/RUN/START/ACCESSORY
 ODOMETER/TRIP/HOUR/DIAGNOSTIC/VOLTAGE DISPLAY: 1X7 CHARACTER, 26 WARNING LAMPS, DATA
 LINKED, ICU3

DIAGNOSTIC INTERFACE CONNECTOR, 9 PIN, SAE J1939, LOCATED BELOW DASH
 2 INCH ELECTRIC FUEL GAUGE
 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
 ELECTRIC ENGINE OIL PRESSURE GAUGE
 AM/FM/WB RADIO WITH CD PLAYER, BLUETOOTH AND MICROPHONE, IPOD INTERFACE, AND USB AND FRONT AUXILIARY INPUTS
 (2) RADIO SPEAKERS IN CAB
 AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF
 ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER
 STANDARD VEHICLE SPEED SENSOR
 ELECTRONIC 3000 RPM TACHOMETER
 IGNITION SWITCH CONTROLLED ENGINE STOP
 (6) IGN CONTROLLED EXTRA SWITCHES WITH IND LIGHTS WIRED TO POWER DIST BOX WITH RELAYS PROVIDING 20 AMPS PER CIRCUIT TO JUNCTION BLOCK AND 1 CIRCUIT AT 30 AMPS
 BW TRACTOR PROTECTION VALVE
 TRAILER HAND CONTROL BRAKE VALVE AND WINCH BRAKE (APPLIES 45 PSI AIR TO STEER AXLE SERVICE BRAKES WHEN PARKED)
 DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY
 SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY
 MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH
 TWO VALVE PARKING BRAKE SYSTEM WITH 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
 SUNVISOR PAINTED SAME AS CAB COLOR A

Certification / Compliance

U.S. FMVSS CERTIFICATION

Secondary Factory Options

CORPORATE PDI CENTER IN-SERVICE ONLY

Extended Warranty

**TOWING EXTENDED/ROADSIDE SERVICE WARRANT 05/24/10 Y, 1
YEAR/UNLIMITED MILES/KM, \$550 CAP**

CUM 2017 B6.7: HD1 5 Years / 300,000 Miles EXTENDED WARRANTY.

CUM 2017 B6.7: AT3 MD DTY 5 Years / 300,000 Miles AFTERTREATMENT

Q U O T A T I O N

M2 106 CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK	DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
CUM B6.7 300 HP @ 2600 RPM, 2600 GOV, 660 LB/FT @ 1600 RPM	12,000# DUAL TAPERLEAF FRONT SUSPENSION
ALLISON 2500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	132 INCH BBC HIGH-ROOF EXTENDED ALUMINUM CONVENTIONAL CAB
MS-21-14X 21,000# R-SERIES SINGLE REAR AXLE	5850MM (230 INCH) WHEELBASE
AIRLINER 23,000# REAR SUSPENSION WITH CHAIN CLEARANCE	11/32X3-1/2X10-3/16 INCH STEEL FRAME (8.73MMX258.8MM/0.344X10.19 INCH) 120KSI

		PER UNIT	TOTAL
VEHICLE PRICE	TOTAL # OF UNITS (2)	\$	
CUSTOMER PRICE BEFORE TAX		\$	\$

TAXES AND FEES

TAXES AND FEES	\$	0	\$	0
OTHER CHARGES	\$	0	\$	0

TRADE-IN

TRADE-IN ALLOWANCE	\$	(0)	\$	(0)
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BALANCE DUE	(LOCAL CURRENCY)	\$	\$
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APPROVAL:

Please indicate your acceptance of this quotation by signing below:

Customer: X _____ Date: ____ / ____ / ____.